

**WIN 3** HORNBY  
STEAM  
LOCOMOTIVES  
WORTH £480

Closing date:  
September 25 2017



**FIRST LOOK**  
HORNBY CLASS 87  
RUNNING SAMPLE



# HORNBY

## magazine

Issue 122 **August 2017**

USA \$12.99 • CAD \$13.99 • AUS \$12.75 **UK £4.40**

[www.hornbymagazine.com](http://www.hornbymagazine.com)

### REVIEWED



- Oxford Rail 'Dean Goods'
- Hornby TTS Bulleid 'MN'
- Golden Valley 'Janus'
- Hatton's 'Warwell'

### ROAD-RAIL CROSSINGS



Your detailed guide  
to level crossings

### 3 GREAT LAYOUTS



**Broxfield** - Eastern in '00'  
**Westbridge** - Southern in 'O'  
**Elmfield** - Western in 'N'

### LATEST NEWS

## Express steam FINALE

**SOUTHERN  
END OF STEAM  
50<sup>th</sup>  
ANNIVERSARY**



- Modelling the last 'Merchant'
- Southern train formations
- Westbridge in 'O' gauge
- Exclusive competition
- 1967 remembered

- Kernow Bulleid diesel
- Dapol 'B4' 0-4-0T
- Oxford Rail 'Toads'
- Revolution Class 92

KEY



9 771753 246076



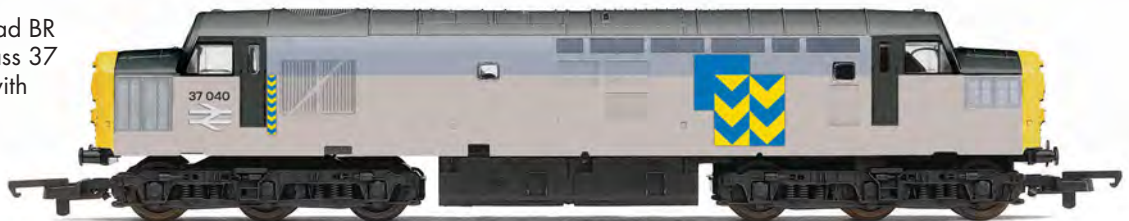


ARRIVING THIS  
MONTH



**R3528**  
WC&PLR 0-6-0T '4'  
Stroudley Terrier Class  
**£84.99**  
**NEW**

**R3583TTS** RailRoad BR  
Co-Co '37040' Class 37  
- BR Railfreight with  
TTS Sound  
**£99.99**  
**NEW**



**R4791** BR Autocoach,  
Crimson & Cream  
**£32.99**  
**NEW**

**R4796** BR Maunsell Brake  
Third Class 'S3777S',  
Crimson & Cream  
**£44.99**  
**NEW**

**TWO  
RUNNING  
NUMBERS  
AVAILABLE**



TO SEE THESE AND THE REST OF THE HORNBY

Visit **www.hornby.com** to locate our nearest





**R3404** BR 2-6-4T '42334' Fowler 4P

**£139.99**

**NEW**

**R4797**

BR Maunsell First Class  
'S7212S', Crimson & Cream

**£44.99**

**NEW**



**R6811** 7 Plank Wagon 'Staveley' **£14.99**

**NEW**



**R6812** 7 Plank Wagon 'John Vipond' **£14.99**

**PRE-ORDER - EXPECTED 27 JULY**

**R9850**

The Country Farm  
Tractor/Plough Shed

**£21.99**

**PRE-ORDER -  
EXPECTED 30 JULY**



**R9853**

The Cricket  
Pavilion

**£39.99**

**PRE-ORDER -  
EXPECTED 30 JULY**



**AVOID DISAPPOINTMENT**

**PRE-ORDER  
TODAY!**

**RANGE VISIT YOUR LOCAL MODEL SHOP**

Hornby stockist or call us on **01843 233525**

**HORNBY  
HOBBIES**

*Dates shown are for guidance only and subject to change.*



# HORNBY magazine

August 2017

**Editor:** Mike Wild  
**Assistant Editor:** Mark Chivers  
**Senior Designer:** Steve Diggle  
**Sub-editor:** Andrew Roden  
**Contributors:** Evan Green-Hughes, Brian Stephenson, Tim Shackleton, Graham Gaches, Paul Chetter, Julia Scarlett, Trevor Jones, Alex Fisher, Roger Lattimore, Jeremy Everett and Dave Westwood.

## EDITORIAL ADDRESS

Hornby Magazine, Key Publishing,  
 PO Box 100, Stamford, Lincolnshire PE9 1XQ  
**Tel:** 01780 755131  
**Email:** hornbymagazine@keypublishing.com  
**Website:** www.hornbymagazine.com

## ADVERTISING

**Advertising Manager:** Sarah Jarman  
**Email:** sarah.jarman@keypublishing.com  
**Telephone:** 01780 755131  
**Mobile:** 07969 471756  
**Sales Executive:** Liz Ridge  
**Email:** elizabeth.ridge@keypublishing.com  
**Telephone:** 01780 755131  
**Sales Executive:** Hollie Keeling  
**Email:** hollie.keeling@keypublishing.com  
**Advertising Production/Design:** Rebecca Duffy  
**Tel:** 01780 755131 **Fax:** 01780 757261  
**Email:** rebecca.duffy@keypublishing.com

## ADVERTISING ADDRESS

Hornby Magazine, Key Publishing Ltd,  
 PO Box 100, Stamford, Lincolnshire PE9 1XQ

## SUBSCRIPTIONS/MAIL ORDER

PO Box 300, Stamford, Lincolnshire PE9 1NA, UK  
**Tel:** 01780 480404  
**Email:** Subscriptions - subs@keypublishing.com  
**Email:** Mail Order - orders@keypublishing.com

## PUBLISHING

**Publisher:** Adrian Cox  
**Managing Director:** Adrian Cox  
**Commercial Director:** Ann Saundry  
**Group Marketing Manager:** Martin Steele  
**Chairman:** Richard Cox  
**Webmaster:** Simon Russell  
**Registered Office:** Units 1-4, Gwash Way Industrial Estate, Ryhall Road, Stamford, Lincolnshire PE9 1XP

## PRINTING

Precision Colour Printing Ltd, Haldane, Halesfield,  
 Telford, Shropshire TF7 4QQ.

## DISTRIBUTION

Seymour Distribution Ltd.,  
 2 Poultry Avenue, London. EC1A 9PP  
**Tel:** 020 7429 4000

Having difficulty obtaining your copy of *Hornby Magazine*?  
 Please contact the subscriptions team using the details above.



© Key Publishing Ltd 2017

All rights reserved. No part of this magazine may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopying, recording or by any information storage and retrieval system, without prior permission in writing from the copyright owner. Multiple copying of the contents of the magazine without prior written approval is not permitted.

Material sent to the Editor, whether commissioned or freely submitted, is provided at the contributor's own risk; Key Publishing Ltd cannot be held responsible for loss or damage howsoever caused.

The opinions and views expressed by authors and contributors within *Hornby Magazine* are not necessarily those of the Editor or Key Publishing.

We are unable to guarantee the bona fides of any of our advertisers. Readers are strongly recommended to take their own precautions before parting with any information or item of value, including, but not limited to, money, manuscripts, photographs or personal information in response to any advertisements within this publication.

HORNBY is a registered trade mark of Hornby Hobbies Limited and is used under licence.



**Audit Bureau of Circulation 28,190**  
**newsstand and digital sales.**

*Hornby Magazine* is published on  
 the second Thursday of each month  
 preceeding the cover date.

ISSUE  
**122**

# HORNBY magazine

## LATEST OFFERS

See pages 64-65 for full details.

# 18 Buntingford to Broxfield



## WE SHOW YOU HOW!

### 28 WORKBENCH

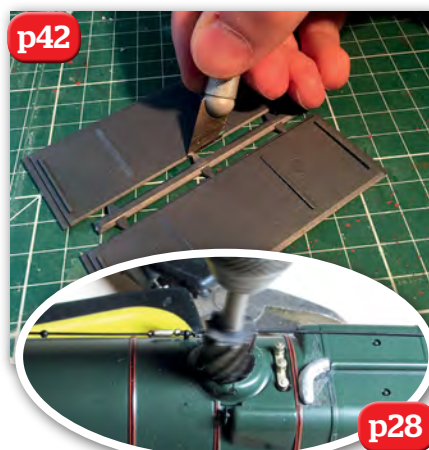
Commemorating 50 years since the end of Southern steam, Tim Shackleton customises Hornby's 'OO' gauge rebuilt 'Merchant Navy', transforming it into one of the last remaining Bulleid 'Pacifics' from July 1967.

### 34 TRAIN FORMATIONS

Mark Chivers presents a selection of typical train formations from the final years of BR steam operation on the Southern Region.

### 42 CONSTRUCTION

Mike Wild adds a finishing touch to the station on *Hornby Magazine's* 'OO' gauge exhibition layout Grosvenor Square, in the form of a quick-build canopy.



p42

p28

### 88 DCC SOUND

Paul Chetter gives Heljan's 'O' gauge Class 25 Bo-Bo a digital sound makeover and looks at some of the options now available to modellers in larger scales.





# Inside...

7

## EDITORIAL

The end of Southern steam, new releases, feature layouts and more are all on the Editor's mind.

8

## UPDATE

The latest developments from Hornby including a first look at the new 'OO' gauge Class 87 electric, Oxford Rail launches a new range of buildings, Revolution Trains displays its Class 92 for 'N' and much more. Plus, you could win a trio of Hornby 'OO' gauge locomotives in our exclusive competition.



18

## BUNTINGFORD TO BROXFIELD

Roger Lattimore develops his extensive 'OO' gauge layout with a new branch line, set in a delightful Hertfordshire countryside location during the 1950s and '60s.

46

## HORNBY POST

Your views, opinions and comments from the Hornby Magazine postbag and Hornby Forum.

50

## WESTBRIDGE

The changing Southern scene is reflected in Jeremy Everett's outstanding 'O' gauge layout, sighted alongside the River Itchen in Hampshire during the 1960s.

58

## LEVEL CROSSINGS

Alex Fisher takes an in-depth look at level crossings and explains how to model them accurately with realistic operation.

68

## REALITY CHECK

A design of the Victorian age, the Great Western Railway's 'Dean Goods' 0-6-0 proved a reliable and capable workhorse at home and abroad, as Evan Green Hughes discovers.

94

## ELMFIELD

Dave Westwood chose the Black Country as the setting for his 'N' gauge take on a somewhat run-down and neglected station location, during the early 1960s.

104

## RAILWAY REALISM

Evan Green-Hughes recalls the end of an era, as regular steam operation ceased on BR's Southern Region, exactly half a century ago.

110

## SHOWCASE

Hornby Magazine showcases your model railway images.

112

## SHOW GUIDE

Hornby Magazine's comprehensive guide to forthcoming events.



# FIRST REVIEWS



- 66** Oxford Rail's 'Dean Goods' for 'OO'
- 72** Hornby's 'TTS' 'Merchant Navy' in 'OO'
- 74** Hatton's 'OO' 'Warwell' bogie well wagon
- 76** Oxford Rail 'OO' BR 57ft Carflat
- 78** Golden Valley Hobbies' 'Janus' 0-6-0 for 'OO'

## ALSO REVIEWED...

New releases from Bachmann, Dapol, Golden Valley Hobbies, Graham Farish, Hatton's, Hornby, LifeColor, Oxford Rail, Sankey Scenics and more.



# BR Sulzer Type 2

**Limited production • 4mm scale • Ready-to-run in OO, EM or P4  
Revolutionary DCC Sound & DC • In stock and available today!**

"The detail and running qualities are superb. The sounds are the best I have heard on any DCC locomotive to date."

"I had absolutely zero interest in sound-fitted locos until I witnessed one of these Class 24s in action!"

"Quite simply, this is the best ready-to-run diesel locomotive model I have ever seen."

"I'm blown away! It's a game changer – that's something I wouldn't say lightly."

A 'straight out of the box' SLW Class 24 running on the 'EM' gauge layout Canada Street. With thanks to Pete Johnson.



- Over 350 components in each model
- Available in 'OO', 'EM' & 'P4' gauges
- Researched from official BR drawings
- Incredible bogie and interior details
- Softly-sprung working 'Oleo' buffers
- Period specific detailing differences
- Authentic sounds from twin speakers
- Revolutionary new driving experience
- Stay-alive and super-capacitor upgrade

## The ultimate in 4mm scale R-T-R excellence?

Don't take our word for it... This what *HORNBY MAGAZINE* and *RAILWAY MODELLER* said:

***This model is something special - an extraordinary recreation of an ordinary hard working loco to a standard that we all aspire to own. Mike Wild (HM Editor)***

***The SLW Class 24 looks the part, runs very well, and is probably the best off-the-shelf 'OO' gauge model I have ever seen and heard. Steve Flint (RM Editor)***

***This model has truly raised the bar for British outline locomotives and is simply unbeatable in terms of 'bang for your buck'. Tim Rayner (RM Production Editor)***



Search YouTube for 'SLW Class 24'  
Find us on Facebook: [suttonslocoworks](https://www.facebook.com/suttonslocoworks)



**Selling fast:** Six production runs have already **sold out!**  
Don't miss out on **D5017** in early BR green & **24091** in BR blue.



For the full story, and to download the free manual, visit:

**[www.sulzertype2.com](http://www.sulzertype2.com)**

**Order by telephone ☎ 01780 470086**



# Welcome

## THE EDITOR'S PAGE



THIS ISSUE marks the 50th anniversary of the end of steam on BR's Southern Region, bringing the curtain down on daily express workings with this form of traction. It is an era - and area - which has

always fascinated me, perhaps partly because it has been so comprehensively documented in photographs and words.

Bulleid's 'Pacifics' were ahead of their time from their inception, although not without their issues, but they were highly capable locomotives. Towards the end they might have been down at heel on the outside, shorn of nameplates and with makeshift numberplates in some cases, but mechanically they were in fine fettle.

There has always been something magical about high speed steam working and it must have been an incredible experience to ride behind a rebuilt 'Merchant Navy' through Hook at full tilt. The crews pushed them hard in pursuit of the magic 100mph - an iconic speed which has only been officially possible in preservation with

one 'Pacific' in Europe until new build 'A1' 4-6-2 60163 *Tornado* achieved three figures during nighttime testing in April.

To mark the Southern Region's anniversary we have brought together a series of special features - as well as an exclusive competition to win a trio of 1960s era Hornby Southern Region locomotives in 'OO' gauge too. Features include Jeremy Everett's mid-1960s era 'O' gauge layout Westbridge, set on the Southern in Hampshire, Train Formations, recreating 35030 *Elder Dempster Lines* with the Hornby rebuilt 'MN' and Railway Realism reflecting on those final months, weeks and days.

Naturally there is much more to this issue than just the Southern Region. In the news we are proud to be able to bring you the first images of Hornby's 'OO' gauge Class 87 engineering sample together with product updates from Oxford Rail, Minerva, Hatton's and Dapol too.

The reviews are headlined by the GWR 'Dean Goods' 0-6-0 from Oxford Rail and the Golden Valley Hobbies/Oxford Rail 'Janus' 0-6-0 diesel shunter - plus we also have reports on Hornby's latest releases including the Twin Track Sound version of its new air-smoothed 'Merchant Navy'. There are also new wagons from Hatton's and Oxford

amongst the latest products to hit our desks.

We've also got two further feature layouts covering BR's Eastern and Western regions in 'OO' and 'N' gauges respectively together with a feature showing how to combine kit and basic scratchbuilding techniques to create unique structures for your layout and a guide to DCC sound for an 'O' gauge Class 25.

Another captivating feature is Alex Fisher's insight into level crossings - a popular subject with model railway builders. This in-depth guide is not to be missed and we've got more exciting level crossing products to show you in a future issue too.

Finally I would like to thank everyone who came to the Great Central Railway Model Event in June - we enjoyed meeting everyone and answering your questions while showcasing Grosvenor Square. Our next show is the Great Electric Train Show on October 7/8 - see you there!

*Mike Wild*  
Mike Wild  
Editor, Hornby Magazine

## IN YOUR MAGAZINE THIS AUGUST

### WIN A TRIO OF LOCOMOTIVES

12

Your chance to win THREE Southern Region steam locomotives from Hornby.

### REVIEWED

66

A bumper crop of brand new products has landed including Oxford Rail's GWR 'Dean Goods' and BR Carflat, Golden Valley's 'Janus', Hornby's TTS Bulleid and Hatton's 'Warwell' - all for 'OO'.

### LEVEL CROSSINGS

58

Alex Fisher goes in depth on level crossings and the variations which the railway uses in this fascinating feature.

### 3 GREAT LAYOUTS

18

**Broxfield** - Roger Lattimore's busy Eastern Region layout in 'OO'.

50

**Westbridge** - Jeremy Everett takes us back to the '60s in 'O' gauge.

94

**Elmfield** - Dave Westwood models the Black Country in 'N' gauge.

**WIN 3 HORNBY STEAM LOCOMOTIVES WORTH £480**

**FIRST LOOK HORNBY CLASS 87 RUNNING SAMPLE**

**HORNBY magazine**

Issue 122 August 2017 USA \$12.99 CAD \$13.99 AUS \$12.75 UK £6.40

**REVIEWED Express steam FINALE**

**SOUTHERN END OF STEAM 50th ANNIVERSARY**

**ROAD-RAIL CROSSINGS**

**3 GREAT LAYOUTS**

**LATEST NEWS**

• Oxford Rail 'Dean Goods'  
• Hornby TTS Bulleid 'MN'  
• Golden Valley 'Janus'  
• Hatton's 'Warwell'

• Modelling the last 'Merchant'  
• Southern train formations  
• Westbridge in 'O' gauge  
• Exclusive competition  
• 1967 remembered

• Broxfield - Eastern in 'OO'  
• Westbridge - Southern in 'O'  
• Elmfield - Western in 'N'

• Kernow Bulleid diesel  
• Oxford Rail 'Toads'  
• Dapol 'B4' 0-4-0T  
• Revolution Class 92

### FIRST LOOK

See Hornby's 'OO' gauge Class 87 running sample in full.

### SOUTHERN 50TH

**28 Modelling the last 'Merchant':**

Tim Shackleton details Hornby's rebuilt Bulleid to recreate 35030 in its final months of service.

**34 Southern Formations:** Mark Chivers delves into the archives to offer a set of realistic 1960s trains.

**50 Westbridge:** A 1960s Southern Region Hampshire terminus modelled in 'O' gauge.

**104 Railway Realism:** The story of the end of express steam south of the Thames.

### LATEST NEWS

Oxford Rail shows 'OO' 'Toads', 'Warwells' and Mk 3s, Dapol reveals its 'B4' 0-4-0T, Revolution Class 92 sample debuts, DCC Supplies limited editions, Kernow's Bulleid diesel development, Minerva decorated '8750' 0-6-0PT and all the latest news.



# FIRST LOOK

## HORNBY CLASS 87

**T**HE FIRST FULL RUNNING sample of Hornby's 2017 range Class 87 Bo-Bo electric was revealed at the Great Central Railway Model Event in June.

The hand assembled sample contains detail components which aren't applicable to the two production versions for the first year of its release, but shows the tooling suite available to the locomotive.

The sample is fully operational and features an 8-pin Digital Command Control (DCC) decoder socket, directional lighting and space for a speaker to be installed inside the die-cast metal chassis. The price per model is £169.99.

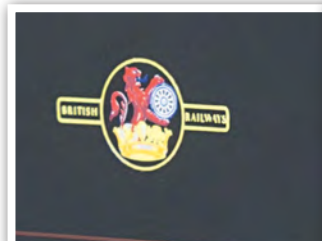
● For more on development and construction of the Hornby Class 87 sample, see Hornby's Engine Shed blog on July 14 ([www.hornby.com](http://www.hornby.com)) and see [www.hornbymagazine.com](http://www.hornbymagazine.com) for video footage of the Class 87 running on Grosvenor Square at the GCR.



## Wainwright 'H' goes BLACK

Hornby has received the second decorated sample of its Wainwright 'H' 0-4-4T, this time showing the sought after locomotive in BR lined black with late crests as 31518 (Cat No. R3539). The 0-4-4T is expected to be released during December 2017 alongside the SECR (HM121) and Southern Railway liveried examples. A fourth version, 31551 in BR lined black with late crests in a train pack with a Maunsell push-pull set, is also scheduled for release during December (R3512).

● Visit [www.hornby.com](http://www.hornby.com) for more information.



Hornby's new 'OO' gauge model of the Wainwright 'H' 0-4-4T has been received as a decorated sample in BR lined black with late crests. It models 31518 with push-pull gear and full lining.





## Water labelling tests for Hitachi '800'

Printing tests have been carried out on Hornby's 2017 range model of the Hitachi IEP Class 800 test train power car, and Hornby has confirmed that it will be using a combination of water labelling and tampon printing to recreate the complex livery.

The first test samples show the model with water labelling only,

which the Hornby development team has since amended to feature tampon printing to the straight lining to ensure the artwork is applied accurately.

● See Hornby's Engine Shed blog from June 16 for more on the Class 800 printing process and an exclusive demonstration video of the first sample's creation.



Hornby has received its first test sample of the water labelled Class 800 test train power car. Following tests it will now use a combination of water labelling and tampon printing.

## INSIDE HORNBY®

### The latest from Hornby HQ



## '87' BATTERY BOX GOES BLACK

Following customer feedback, the white painted battery box on 87035 Robert Burns (Cat No. R3580) will now be finished in black. Hornby's development team produced its original artwork to model the locomotive as delivered, but feedback suggested that the preference would be for it to be painted black to represent the locomotives in service.

## 2018 RANGE APPROVED

The first part of Hornby's 2018 range has been signed off and it will be revealed soon across the company's media channels. Watch this space for announcements as information is released...



## HUNTLEY AND PALMER WAGON



A decorated sample of the Huntley and Palmer six-plank open wagon (Cat No. R6814) for the 2017 range has been received as a follow up to the 2016 released Huntley and Palmer Peckett 'W4' 0-4-0ST. The new wagon will be available in September priced at £14.99.

### COMING UP IN...

## THE ENGINE SHED

■ Keep up with the latest from the Hornby development team in the fortnightly online Engine Shed blog. The next blogs will be live on July 14 featuring development of the Class 87 engineering sample followed by a further post on model development on July 28.

● Visit [www.hornby.com](http://www.hornby.com) to read the latest blogs.



# OXFORD RAIL SHOWCASES

**T**HE latest pre-production samples of four of Oxford Rail's new 'OO' gauge products were revealed by the manufacturer during June covering the GWR six-wheel and four-wheel 'Toad' brake vans, 'Warwell' bogie well wagon and BR Mk 3 carriages.

The 'Toad' brake vans are confirmed for release in GWR and BR era liveries with the six-wheel version being finished as 56933 with Swindon allocation in GWR grey and as W56962 in BR grey with Wolverhampton allocation. The four-wheel version meanwhile is being produced as 56034 in GWR grey with Acton lettering and as W56449 in BR grey with Bala lettering.



The first of the 'Warwell' wagons are on track for release during the summer in Ministry of Transport green both with and without a Sherman tank load together with versions in BR bauxite and BR grey, as a steel carrier with bolsters in BR grey, loaded with a steam road



## Structures next for Oxford Rail

A new range of 'OO' scale buildings has been launched by Oxford Rail under the Oxford Structures banner with the first round of 14 items expected to be released in the fourth quarter of 2017.

The initial range will consist of railway and town related buildings including a GWR pattern station building, signalbox, goods shed, engine shed and water tower together with platform sections to cover both straight and ramp components as well as an island design.

For town and country scenes, buildings planned include a church, public house, two styles of shop, a bungalow and a half brick cottage.

The structures will be resin-cast pre-painted items which are ready

to plant on a model railway straight from the box. Prices are to be confirmed.



● Visit [www.oxfordrail.com](http://www.oxfordrail.com) for more information.

### HATTON'S 'OO' BEILHACK SNOWPLOUGH DEVELOPS AS 3D PRINT ARRIVES

The new 'OO' gauge model of the Beilhack ZZA snowplough, which is being developed exclusively by Hatton's, has been revealed in 3D printed form by the Liverpool retailer.

The first images show the

current status of the project which Hatton's states will allow for detail variations in the vehicles.

On release the ZZAs will be priced at £43 per vehicle with arrival expected in the first quarter of 2018.



● Visit [www.hattons.co.uk](http://www.hattons.co.uk) for full details.



# PRODUCT PROGRESS



engine in BR grey and in Southern Railway livery with a revised load bed. Further versions are to follow.

The BR Mk 3 carriages made their debut with factory decoration during June in Intercity livery with Oxford Rail showing the Open First, Open Second and Buffet cars in the colour scheme. These are being evaluated for revisions to the livery application by Oxford.

Also confirmed is that CAD drawing work is complete for the 'OO' LNER 'N7' 0-6-2T and Class A and B four-wheel tankers. Release dates are to



be advised for these products.

A new group of four, six and seven plank open wagons have also been

announced with further private owner vehicles as well as a re-run of the triple pack in BR grey.

● Visit [www.oxfordrail.com](http://www.oxfordrail.com) for more information.

## DCC Supplies adds 'O' limited editions

DCC Supplies has commissioned a new series of exclusive ready-to-run limited edition models from Dapol.

The manufacturer's forthcoming 'O' gauge Fowler 'Jinty' 0-6-0T will appear as the Midland Railway Trust's preserved 16410 in London Midland and Scottish Railway (LMS) lined maroon, while Dapol's 'O' gauge BR Class 08 diesel shunter receives Guinness' distinctive overall black and white colour scheme complete with *Unicorn* name, one of two former BR Class 08s purchased by the brewer for use at its Park Royal premises.

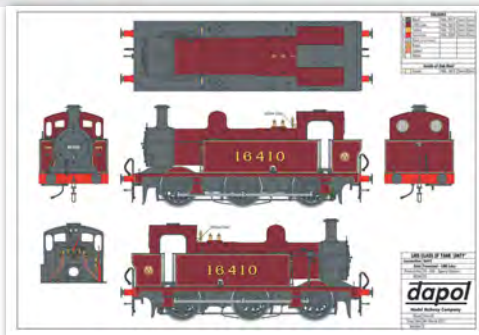
Prices are set at £225 for Digital Command Control (DCC) ready models, £255 DCC fitted and £400 ('Jinty')/ £425 ('08') DCC sound-fitted. 300 of each will be produced, with delivery anticipated during autumn 2017.

DCC Supplies has also commissioned a series of 12 'O' gauge Worcestershire private owner wagons, based on Dapol's ready-to-run five and seven-plank open wagons.

One wagon a month is planned



with identities including Harry Whitehouse of Stourport (now available), Richard White of Evesham (July), Hunting (for Coal) of Worcester (August), Worcester New Co-Op (September), M. Spiers of Evesham (October) and H. Preston of Worcester (November) forming the first six month's releases. The remaining six wagons will be announced during September. 270 pristine examples and 30



weathered models of each will be produced, priced at £42.50 and £44.50 respectively.

● Visit [www.dccsupplies.com](http://www.dccsupplies.com) for more details.

## NEWS IN BRIEF



■ Scalescenes has introduced a new set of low-relief terrace house frontages and shops to its range of downloadable card kits (Cat No. T008a). Available in a choice of textures in 'N' and 'OO', the kit also includes stucco and pebbledash finishes, interior wall and floor detail, blinds, curtains and paintings and a selection of new shop fronts. Multi-era signs are also included, together with an editable option. Priced at £4.99, it can be downloaded now.

● [www.scalescenes.com](http://www.scalescenes.com)



■ Connoisseur Models has added a pair of cast white metal diamond-framed freight wagon bogies to its range of 'O' gauge kits. Suitable for use with Slater's three-hole disc wheels (available separately), each kit includes sideframes, mounting and swivel fittings together with full instructions. Priced at £16 per pair, they are available now.

● [www.jimmcgeown.com](http://www.jimmcgeown.com)

■ Pennine Model Railway Society's annual model railway exhibition celebrates its 25th anniversary this year when the show returns to St Phillip's Community Centre, Birchcliffe, Huddersfield, West Yorkshire on Saturday August 5. Admission is £4 for adults, free for accompanied children. Doors open at 10am.

● [penninemodelrailway.club](http://penninemodelrailway.club)



# KERNOW 'OO' BULLEID DIESEL PROGRESSES



**K**ERNOW MODEL RAIL Centre has revealed a new decorated sample of its soon to be delivered

'OO' gauge Bulleid 1-Co-Co-1 diesels – this time modelling the second locomotive 10202. Kernow has advised that the

positioning of the BR crests and locomotive numbers will be corrected while the bogies will receive black axle boxes and the wheels will be of the correct Bulleid pattern on the final models.

The model, as 10201 (Cat No. K2701) and 10202 (K2702), is due to arrive with Kernow during August priced at £169.99

(£159.99 when pre-ordered before July 31) while DCC sound fitted versions are also being produced with a Legomanbiffo sound file for £294.99 (£279.99 for pre-orders before July 31).

The model will have a 21-pin DCC decoder socket, directional lighting and representation of the engine through the side windows.

● Visit [www.hornbymagazine.com](http://www.hornbymagazine.com) to see video footage of the sound fitted sample in action.

## HATTON'S RECEIVES DECORATED 'OO' GAUGE ICI HOPPERS

Hatton's has received the first decorated samples of its new 'OO' gauge ICI bogie limestone hoppers for evaluation.

The wagon is being produced by Oxford Rail exclusively for Hatton's and the tooling caters for different bogie and axle box designs as well as large and small ICI lettering. The project launched in 2014 and models the 1936 introduced bogie hoppers throughout their

service careers. The first batch of samples covers the main variations including lettering and bogie design. The Hatton's team is now inspecting these before moving to the next stage of the process.

All 20 versions are available to pre-order through Hatton's website priced at £24 for pristine examples and £25 for weathered versions.

● Visit [www.hattons.co.uk](http://www.hattons.co.uk) for to see the full range.



# WIN A TRIO OF HORNBY Southern engines



**WORTH  
£480**





## Bachmann evaluates NGS Carflat

Bachmann has taken delivery of the first Engineering Prototype (EP) samples of the N Gauge Society's (NGS) BR Mk 1 Carflat A car-carrying wagon for assessment by the company's engineers.

Exclusive to NGS members, the models are based on prototypes

converted at Swindon in the 1960s and tooling options will cater for vacuum, dual and air-braked examples, gangway buffing plates, Motorail boards and BR1 or B4 bogies.

Six models are planned in BR bauxite (Cat No. 377-400U), BR plain blue (377-400V), BR

Motorail blue (377-400W), BR Motorail blue with B4 bogies (377-400X), BR bauxite with B4 bogies (377-400Y) and Railase yellow (377-400Z).

Prices are expected to be around £28 each, with delivery in early 2018.

● Visit [newweb.ngauesociety.com](http://newweb.ngauesociety.com)

## ADAMS 'B4' 0-4-0T DEBUTS FOR 'OO' GAUGE WITH DAPOL

Dapol has received the first engineering sample of its 'OO' gauge model of the London and South Western Railway Adams 'B4' 0-4-0T.

The first running sample is being evaluated by the Dapol team and includes metal buffers and handrails, NEM coupling pockets, a detailed cab interior and firebox glow.

A release date is to be confirmed with prices expected to be in the region of £110.

● Visit [www.dapol.co.uk](http://www.dapol.co.uk) for more information.



## Dapol shows off 'N' gauge Class 142 colours

Dapol has shown decorated samples of its long awaited 'N' gauge model of the Class 142 'Pacer' DMU.

The '142' is now expected to arrive during the summer priced at £135.50 for the two-car unit. It is being released in Regional Railways blue (Cat No. ND116B), Regional Railways Tyne and Wear yellow (ND116E), Northern Spirit



(ND116C), Northern (ND116A) and Arriva Trains Wales (ND116D) colour schemes initially.

Dapol says it is currently working through revisions to this first batch of decorated samples.

● Visit [www.dapol.com](http://www.dapol.com) for more information.

## NEWS IN BRIEF

■ Leicester Model Railway Group is seeking new members. Founded in 1949, they have three club layouts, a new 'OO' gauge exhibition layout under construction and test tracks in 'O', 'OO' and 'N'. The group meets every Wednesday evening from 7pm at premises in Cossington. Contact club secretary Brian Gillespie on 0116 284 8684 for more details.

■ Twickenham and District Model Railway Club is hosting an open day at Kerswell Hall in Hounslow on Saturday July 22. The open day will feature six layouts, demonstrations and the club's pre-owned stall. Admission is free and doors open at 10am.

● [www.tdmrc.org.uk](http://www.tdmrc.org.uk).



■ The first images of Kernow Model Rail Centre's (KMRC) 'OO' gauge D600 'Warship' A1A-A1A diesel-hydraulic arrived during June.

Manufactured by DJ Models using tools owned by KMRC. Five versions - available DCC ready with a 21-pin socket - are planned with just 750 examples of each covering D600-D604. Prices are £169.99 per model with a pre-payment discount available. A delivery date has yet to be confirmed.

● For full details visit [www.kernowmodelrailcentre.com](http://www.kernowmodelrailcentre.com).

## QUESTION: When was steam traction withdrawn on the Southern Region?

- July 9 1967
- August 1 1967
- September 20 1967

Hornby Magazine's latest exclusive competition with Hornby offers a stunning prize of THREE BR Southern Region steam locomotives to mark the 50<sup>th</sup> anniversary of the end of Southern steam on July 9 1967. The prize consists of Bulleid rebuilt 'West Country' 4-6-2 34096 *Trevone* in BR lined green (R3524), Drummond 'M7' 0-4-4T 30129 in BR lined black (R3531) and Maunsell 'S15' 4-6-0 30831 in BR black (R3413). All are finished with late era



crests making them perfect for a post-1960 Southern Railway scene conveying express, branch and freight traffic respectively. All you have to do to enter the competition is answer the following simple question by September 25 2017. Even if you don't win, the three locomotives will be released to Hornby retailers between now and September.

● Visit [www.hornby.com](http://www.hornby.com) for more information.

## HOW TO ENTER

For your chance to win, simply send your name, address and telephone number to: 'Hornby Magazine Southern 50th Competition', Key Publishing, PO Box 100, Stamford, Lincolnshire PE9 1XQ. Alternatively, visit [www.hornbymagazine.com](http://www.hornbymagazine.com) and fill in the entry form or e-mail the same information to [competitions@keypublishing.com](mailto:competitions@keypublishing.com) with 'Hornby Magazine Southern 50th Competition' in the subject field. The closing date for entries is September 25 2017 at 12:00 GMT and winners will be notified no later than October 1 2017. There is no cash prize alternative and the Editor's decision is final. On occasions Key Publishing and Hornby Hobbies may make offers on products or services that we believe to be of interest to our customers. If you do not wish to receive this information please state NO INFORMATION clearly on your entry. No purchase necessary.



# MINERVA GWR '8750' 0-6-0PT PROGRESSES



**'O'** GAUGE ready-to-run specialist Minerva Model Railways has released images of its forthcoming Great Western Railway (GWR) '8750' 0-6-0PT, following the arrival of the first

decorated sample for evaluation. Featuring an injection moulded body, die-cast chassis and more than 200 individual components, it is being produced with or without top feed and liveries include GWR green, BR black with early

crests and BR black with late crests. Prices are set at £265 for Digital Command Control (DCC) ready models, £320 DCC fitted and £390 DCC sound fitted. Delivery is anticipated during July. Visit [www.minervamodelrailways.co.uk](http://www.minervamodelrailways.co.uk).

## BUSY TIMES AHEAD FOR REVOLUTION

The first Engineering Prototype (EP) running samples of Revolution Trains' (RT) crowdfunded 'N' gauge Class 92 Co-Co dual-voltage electric locomotive have arrived for inspection.

Manufactured by Rapido Trains, seven models are planned in original BR Railfreight grey, unbranded Railfreight grey, English Welsh and Scottish Railway (EWS) maroon, EWS branded grey, DB Schenker red, GB Railfreight blue and orange and Caledonian Sleeper teal.

Priced at £130 Digital Command



Control (DCC) ready and £230 DCC sound-fitted, the '92s' are still available to reserve, although the order book will close once testing

is complete and the model has been cleared for production.

Meanwhile, CAD drawings of RT's proposed 'N' gauge Class 320/321 Electric Multiple Units (EMUs) are now complete, although more orders are needed before the model can progress to the next stage of development.

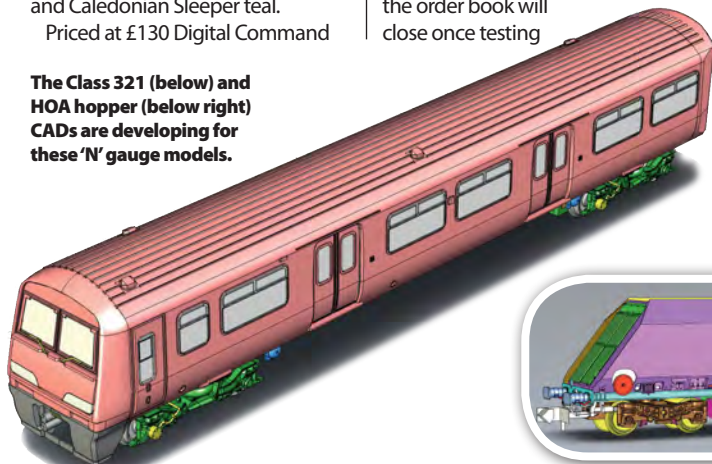
Other 'N' gauge projects are

also gathering pace with the KFA container flat tooled and ready for production – the order book for this will close shortly – while CAD drawings for the HOA stone hopper wagon have been approved enabling it to proceed to tooling once sufficient orders have been placed.

Finally, manufacture of the Virgin Trains liveried Class 390 Pendolino Electric Multiple Unit (EMU) is underway, with an anticipated arrival in late summer.

● Visit [www.revolutiontrains.com](http://www.revolutiontrains.com) for more details.

**The Class 321 (below) and HOA hopper (below right) CADs are developing for these 'N' gauge models.**





# EVERYTHING YOU NEED FOR YOUR DIGITAL RAILWAY

## DIGITRAINS

**Just starting out in DCC and not sure what's available?  
Grown out of your system and thinking of upgrading?  
Getting into sound and want to know the best decoders?**

**DIGITAL COMMAND CONTROL (DCC) is one of the fastest growing areas of the model railway hobby.**

As the first new company to set up as a DCC specialist in the UK, DIGITRAINS now has over 12 years experience to share. Working in all the popular scales, we are here to guide you through choosing the best equipment.

We stock a wide range of products as well as offering free advice, a decoder installation service and the best DCC 'test drive' facility around.

**Don't leave that major purchase to chance!**

Why not visit our shop? Our comprehensive library of loco sounds can be demonstrated.

**We stock 1,000s of products from more than 30 leading manufacturers. And don't worry if you're not digital. We're also a traditional model shop, holding all the major ready-to-run lines**



- Try before you buy
- Expert advice
- Great service
- Experience
- Major brands
- Worldwide mailing



**We regularly attend railway shows countrywide. Please check website for details**

**15 Clifton Street, Lincoln LN5 8LQ  
01522 527731**

**[www.digitrains.co.uk](http://www.digitrains.co.uk)  
[enquiries@digitrains.co.uk](mailto:enquiries@digitrains.co.uk)**



# GAUGEMASTER.com

## The Online Home of The Engine Shed



### DCC CONTROL

#### DIGITAL CONTROL SYSTEMS



DCC01 Prodigy Express System £169.95



DCC02 Prodigy Advanced2 System £299.95

DCC04 Prodigy Advanced2 Wireless System £479.95

#### DECODERS

- DCC18 OMNI Next18 Decoder £19.95
- DCC22 CLASSIC 2 Function Micro £26.95
- DCC23 CLASSIC 6 Pin Plug-in Decoder £26.95
- DCC26 Compact 8 Pin Decoder w/Harness £15.95
- DCC27 OMNI 21 & 8 Pin Decoder £19.95
- DCC28 OMNI 6 Pin Decoder with Harness £22.95
- DCC29 OMNI Direct Plug Decoder £20.95
- BPDC27 OMNI 21 & 8 Pin Decoder (5) £89.95
- BPDC28 OMNI 6 Pin with Harness (5) £99.95
- BPDC29 OMNI Direct Plug Decoder (5) £94.95
- DCC30 Accessory Decoder 4 Accessories £64.95

#### DCC ACCESSORIES

- DCC11 Prodigy Extension Plate £42.95
- DCC13 Prodigy Adv2 Wireless Walkaround £189.95
- DCC14 Prodigy Adv2 Backlit Walkaround £139.95
- DCC15 "Decoder Doctor" Decoder Tester £89.95
- DCC40 Auto Reverse Module £44.95
- DCC49 Prodigy DCC Booster Unit 8 Amp £199.95
- DCC50 Prodigy Wireless Conversion Set £269.95
- DCC55 Prodigy Wired Computer Interface £64.95
- DCC60 Spare plug for Prodigy £3.95
- DCC61 Medium NEM 652 Socket (5) £3.95
- DCC62 Prodigy Universal Lead (2m) £5.95
- DCC63 Prodigy Adv Power Supply Unit £27.95
- DCC64 Prodigy Power Pack Lead £7.25
- DCC65 Prodigy Express Power Supply Unit £27.95
- DCC66 Controller Caddy £6.95
- DCC70 Prodigy Decoder Tester £10.50
- DCC72 8 to 21 Pin Adaptor £4.75
- DCC77 Prodigy Walkaround Adaptor £9.95

#### DCC AUTOFROG



DCC80 DCC Autofrog £5.95

BPDC80 DCC Autofrog (3) £14.95

The DCC80 Autofrog is a simple switch that automatically changes the frog polarity on your DCC layout. In most situations, the use of electrofrog points is recommended on digital layouts to ensure reliability but this can make extra switching more complicated than it needs to be. Visit our website for more information on this innovative solution. Thousands sold so far!



### ANALOGUE CONTROL

#### MAINS POWERED CONTROLLERS



GMC-COMBI Single Track Controller £42.95

GMC-100M Single Track £89.95

GMC-100MD Single Track O Scale £89.95

GMC-101LGB Single Track G Scale £104.95

GMC-101LGBSF Single Track G Scale Fan £179.95

GMC-P Single Track Simulation £99.95

GMC-PO Single Track Simulation O Scale £109.95



GMC-D Twin Track £39.95

GMC-DO Twin Track O Scale £179.95

GMC-DS Twin Track Simulation £179.95

GMC-TS Three Track Simulation £179.95



GMC-Q Four Track £189.95

#### PANEL MOUNT CONTROLLERS



GMC-100 Single Track £37.95

GMC-100-O Single Track O Scale £47.95

GMC-100LGB Single Track G Scale £57.95

GMC-U Single Track Simulation £47.95

GMC-UF Single Track Feedback £42.95

GMC-UO Single Track Simulation O Scale £62.95

GMC-UO Twin Track £57.95

GMC-UDF Twin Track Feedback £62.95

GMC-UDS Twin Track Simulation £72.95

GMC-UTS Three Track Controller Sim. £82.95

GMC-UQ Four Track £87.95

#### HANDHELD CONTROLLERS

GMC-W Single Track £39.95

GMC-HH Single Track Feedback £39.95

GMC-WS Single Track Simulation £59.95

#### MAINS POWERED TRANSFORMERS

GMC-M1 Output 2 x 16v AC £49.95

GMC-M1DC Output 2 x 12v DC £54.95

GMC-M2 Output 1 x 18v AC (2.5a) £54.95

GMC-M3 Output 1 x 24v AC (1.25a) £54.95

GMC-M4 Output 2 x 12v AC (1.25a) £54.95

#### WALL MOUNTED TRANSFORMERS

GMC-WM1 Output 1 x 16v AC or 12v DC £20.95

GMC-WM2 Output 1 x 9v DC (0.6a) £15.95

GMC-WM3 Kato Unitrack UK Power Supply £15.95

GMC-WM4 Output 12v DC (Regulated) £15.95

#### OPEN TRANSFORMERS

GMC-T1 Output 2 x 16v AC (1a) £27.95

GMC-T2 Output 1 x 18v AC (2.5a) £27.95

GMC-T3 Output 1 x 24v AC (1.25a) £27.95

GMC-T4 Output 2 x 12v AC (1a) £27.95

#### MODULES

GMC-SS1 Super Shuttle Unit £34.95

GMC-SS1LGB Super Shuttle Unit G Scale £44.95

GMC-SS2 Station Stop Unit £39.95

#### POINT CONTROL

##### MAINS POWERED POINT CONTROL SYSTEM

GMC-PCU1 Point Control Unit £114.95

GMC-PCU2 Slave Unit for PCU1 £54.95

##### CAPACITOR DISCHARGE UNITS



GMC-CDU Capacitor Discharge Unit £13.95

##### UNCOUPLERS

GMC-EM1 N Electro Magnetic Uncoupler £9.95

GMC-EM2 Coupling Adaptor Fret (20) £4.95

GMC-TLU OO Tension Lock Uncoupler £10.95

##### POINT MOTOR ACCESSORIES



GMC-PM50 Connection Boxes (3) £3.95

GMC-PM51 Tripled Point Motor Wire 10m £7.95

GMC-PM52 Point Motor Accessory Pack £2.95

GMC-PM53 Harnesses for PM100 (2) £3.95

GMC12 Hole Saw & Arbor for Motor Fitting £3.50

#### POINT MOTORS



GMC-PM1 SEEP Motor with Built-In Switch £5.75

GMC-PM2 SEEP Motor No Switch £5.25

GMC-PM3 SEEP Motor Latching Mechanism £6.50

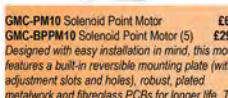
#### GMC-PM10 Solenoid Point Motor

GMC-BPM10 Solenoid Point Motor (5) £29.95

Designed with easy installation in mind, this motor features a built-in reversible mounting plate (with adjustment slots and holes), robust, plated metalwork and fireproof PCBs for longer life. The magnetic coils are high efficiency for reliable operation. Also has easy to use "solder-free" screw terminals. Includes mounting screws and a throw-bar extension.

GMC-PM100 Digital Solenoid Point Motor £18.95

All the features of the PM10 but with an inbuilt DCC decoder to make wiring even easier.



GMC-PM20 Surface Mount Point Motor £9.95

GMC-BPM20 Surface Mnt Point Motor(5) £44.95

Designed with easy installation in mind, PM20 is placed parallel to your point-work and operates equally well orientated either way. PM20 works well with all popular modelling scales, and with the leading brands of track in the UK. The magnetic coils are high-efficiency for reliable operation. PM20 also has a plug-in harness that is very easy to use. Mounting screws are included.

PM20D Digital Surface Mount Point Motor £22.95

All the features of the PM20 but with an inbuilt DCC decoder to make wiring even easier.



#### TRACK

##### ELECTRONIC HIGH FREQUENCY TRACK CLEANERS FOR DCC (ANALOGUE) USE ONLY

GMC-HF1 Single Track Unit £39.95

GMC-HF2 Double Track Unit £49.95

##### AXLE-HUNG TRACK CLEANING PADS

GM37 OO/HO Track Cleaning Pads (3) £5.95

GM39 N Track Cleaning Pads (3) £5.95

##### TRACK TESTER

GM52 Multi Scale Track Tester £4.95

##### OO SCALE FLEXIBLE TRACK

GM90 900mm N/Silver Bk Flexi Track (100) £315

GM93 900mm N/Silver Bk Flexi Track (24) £79.95

GM94 900mm N/Silver Bk Flexi Track (24) £79.95

GM97 900mm N/Silver Bk Flexi Track (100) £315

GM19 Code 100 (OO) Rail Joiners (24) £2.95

##### OO SCALE TRACK ACCESSORIES

GM45 OO/HO Re-Railer £5.50

GM54 OO Buffer Stop £1.95

BPGM54 OO Buffer Stop (5 Pack) £8.75

##### GRASS & GRAVEL MATS

GM20 Spring Grass Mat 100cm x 75cm £7.95

GM21 Summer Grass Mat 100cm x 75cm £7.95

GM22 Autumn Grass Mat 100cm x 75cm £7.95

GM23 Gravel Mat 100cm x 75cm £5.95

GM38 Spring Grass Mat 240cm x 120cm £34.95

##### MEADOW MATS

GM140 Meadow Mat - Spring 6mm Grass £9.75

GM141 Meadow Mat - Meadow 6mm Grass £9.75

GM142 Meadow Mat - Spring 12mm Grass £12.75

GM143 Meadow Mat-Meadow 12mm Grass £12.75

GM147 Meadow Mat - Beige 6mm Grass £9.75

GM148 Meadow Mat - Beige 12mm Grass £12.75

#### N SCALE FLEXIBLE TRACK

GM96 900mm N/Silver Bk Flexi Track (24) £64.95

GM18 Code 80 (N) Rail Joiners (24) £2.95

#### N SCALE TRACK ACCESSORIES

GM46 N Re-Railer £2.95

GM53 N Scale Buffer Stop £4.95

BPGM53 N Scale Buffer Stop (Pack of 5) £22.50

GM57 N Lit Buffer Stop on Track £9.25

GM58 N Buffer Stop Lights (Pack of 2) £9.95

GM17 Pair of Leads (N Joiner/Bare Wire) £4.95

#### OO GREY BALLASTED UNDERLAY SYSTEM

GM114 OO/HO Granite Ballast (500g) £3.75

GM117 OO/HO Granite Ballast (200g) £2.65

GM200 Flexible Ballasted Underlay (5m) £23.95

GM204 Point & Crossing Ballasting Kit £8.25

#### OO BROWN BALLASTED UNDERLAY SYSTEM

GM111 OO/HO Brown Ballast (500g) £3.75

GM110 Flexible Ballasted Underlay (5m) £23.95

GM214 Point & Crossing Ballasting Kit £8.25

#### N GREY BALLASTED UNDERLAY SYSTEM

GM115 N Granite Ballast (500g) £3.75

GM118 N Granite Ballast (200g) £2.65

GM201 N Flexible Ballasted Underlay (5m) £23.95

GM205 N Point & Crossing Ballasting Kit £8.25

#### N BROWN BALLASTED UNDERLAY SYSTEM

GM113 N Brown Ballast (500g) £3.75

GM211 N Flexible Ballasted Underlay (5m) £23.95

GM215 Point & Crossing Ballasting Kit £8.25

#### OO SCALE CORK TRACKBED SYSTEM

GM251 3mm Cork Trackbed 4.5 x 50cm (6) £9.25

GM252 3mm Cork Plates 15 x 50cm (2) £4.75

GM240 For RH Sectional Points (2) £4.50

GM241 For LH Sectional Points (2) £4.50

GM244 For RH Sectional Curved Points (2) £4.50

GM245 For LH Sectional Curved Points (2) £4.50

GM247 For Y Sectional Points (2) £4.50

#### N SCALE CORK TRACKBED SYSTEM

GM231 2mm Cork Trackbed 2.8 x 50cm (6) £9.25

GM232 2mm Cork Plates 15 x 50cm (2) £4.75

GM225 For RH Sectional Points (2) £4.25

GM226 For LH Sectional Points (2) £4.25

#### SCENICS

##### STARTER PACK

GM-SS1 Super Shuttle Unit £34.95

GM-SS1LGB Super Shuttle Unit G Scale £44.95

GM-SS2 Station Stop Unit £39.95

##### VALUE TREE ASSORTMENTS

GM127 N Scale Tree Assortment (10) £9.95

GM128 OO Scale Spring Trees (10) £11.95

GM130 OO Scale Summer Trees (10) £11.95

##### BULK TREES

GM120 Deciduous Trees (25) £22.95

GM121 Fir Trees (25) £22.95

GM122 Fir Trees (25) £22.95

GM123 Small Fir Trees (50) £19.95

GM124 Deciduous Trees (25) £22.95

GM125 Spruce Trees (25) £22.95

##### MAKE YOUR OWN TREES

GM195 Seafarm for Tree Making £19.95

GM196 Light Green Seafarm Leaves (50g) £4.15

GM197 Water Plants £4.15

GM198 Dark Green Seafarm Leaves (50g) £4.15

##### FLOWERS

GM139 Flowerbeds £11.95

GM175 Garden Flowers £9.95

GM176 Water Plants £9.95

GM177 Garden Plants £9.95

GM178 Wild Flowers £9.95

##### PLANTS

GM140 Meadow Mat - Spring 6mm Grass £9.75

GM141 Meadow Mat - Meadow 6mm Grass £9.75

GM142 Meadow Mat - Spring 12mm Grass £12.75

GM143 Meadow Mat-Meadow 12mm Grass £12.75

GM147 Meadow Mat - Beige 6mm Grass £9.75

GM148 Meadow Mat - Beige 12mm Grass £12.75

#### STATIC GRASS SYSTEM



GM196 Static Grass Starter Set £9.95

GM193 Puffer Bottle £4.95

GM169 Static Grass Glue (250ml) £6.95

GM170 Spring Grass Flock (30g) £3.45

GM171 Summer Grass Flock (30g) £3.45

GM172 Moorland Grass Flock (30g) £3.45





## STRUCTURES

GM407 Fordhampton Carriage Platforms £9.95  
GM408 Fordhampton Village Store or Pub £17.95  
GM409 Fordhampton Pub/Bistro £19.95



GM410 Fordhampton Doctors Surgery £15.95



GM411 Fordhampton Farmhouse/Cottage £15.95



GM412 Fordhampton Gasometer £19.95



GM413 Fordhampton Nurseries £19.95  
GM414 Fordhampton Bridge £12.95

## KESTREL DESIGNS

### N GAUGE PLASTIC KITS

GMKD01 House £4.75  
GMKD02 Shop £4.75  
GMKD03 Bungalow £4.00  
GMKD04 Church with Porch £6.50  
GMKD05 House/Shop Unit with Glazing £7.25  
GMKD06 Two Shop Unit with Glazing £7.25  
GMKD07 Four House Unit £7.25  
GMKD08 Country Station £9.50  
GMKD09 Station Buildings £9.50  
GMKD10 Island Platform with Flat Canopy £9.00  
GMKD11 Flat Canopy £6.50  
GMKD12 Small Signal Box £7.00  
GMKD13B Farm Rail Fencing Brown £3.50  
GMKD13W Farm Rail Fencing White £3.50  
GMKD14 Telegraph Poles £3.50  
GMKD15 Windows Doors & Gutters £4.75  
GMKD16 Platforms (2) £3.25  
GMKD17 Platform Ramps (2) £2.75  
GMKD18 Station Yard Huts £3.75  
GMKD19 Weighbridge & Office £4.75  
GMKD20 Coal Office £3.75  
GMKD21 Level Crossing/Keepers Cottage £6.50  
GMKD22 Four Greenhouses £3.50  
GMKD23 Two Domestic Garages £3.50  
GMKD24 Water Tower £4.25  
GMKD25 Corner Shop £5.00  
GMKD26 Corner Pub £5.00  
GMKD27 Three Storey Townhouse £6.50  
GMKD28 Three Storey Town Shop £6.50  
GMKD29 Modern Station £8.75  
GMKD30 Modern Station Waiting Room £6.25  
GMKD31 Station Masters House £7.00  
GMKD32 Pair Pre War Semi Det. Houses £8.00  
GMKD33 Boilerhouse & Chimney £7.00  
GMKD34 Stable Block £4.25  
GMKD35 Cow Shed £4.00  
GMKD36 Barn £6.50  
GMKD37 Farm House £8.25  
GMKD38 Steel Footbridge £8.25  
GMKD39 Modern Industrial Unit £6.50  
GMKD40 Modern Fire Station £8.00  
GMKD41 Platforms Wide (2) £3.75  
GMKD42 Platform Ramps Wide (2) £3.25  
GMKD43 Goods Shed £6.50  
GMKD1000 Town Station £17.95  
GMKD1001 Old Factory with Chimney £20.95

### N GAUGE LASER CUT KITS

The same as the ultra detailed OO equivalents (GM451/GM452/GM453) - pack sizes vary from the 4mm versions though

GMKD51 Wooden Fencing £5.75  
GMKD52 Lattice Fencing £5.75  
GMKD53 Garden Sheds (2) £6.00

### N GAUGE VALUE KIT SETS

GMKD2000 Station Set £15.95  
GMKD2001 Town Set £13.95  
GMKD2002 Suburban Set £15.95  
GMKD2003 Farm Set £17.95

## LIGHTING

### OO SCALE LAMPS & LIGHTING

Fine detail scale lamps with prototype post extensions and light control PCBs

GM801 Barley Twist Gas Lamp Soft Black (3) £13.95  
GM802 B/Twist Gas Lamp BR/SR Green (3) £13.95  
GM803 B/Twist Gas Lamp LMS Maroon (3) £13.95  
GM804 B/Twist Gas Lamp GWR Stone (3) £13.95  
GM805 B/Twist Gas Lamp Grey Undercoat (3) £13.95  
GM806 Taper Post Gas Lamp Soft Black (3) £13.95  
GM807 Taper Post Gas Lamp BR/SR Gm (3) £13.95  
GM808 T/Post Gas Lamps LMS Maroon (3) £13.95  
GM809 T/Post Gas Lamps GWR Stone (3) £13.95  
GM810 T/Post Gas Lamp Grey Undercoat (3) £13.95  
GM811 Taper Post Oil Lamp Soft Black (3) £13.95  
GM812 Taper Post Oil Lamp BR/SR Green (3) £13.95  
GM813 Taper Post Oil Lamp LMS Maroon (3) £13.95  
GM814 Taper Post Oil Lamp GWR Stone (3) £13.95  
GM815 T/Post Oil Lamp Grey Undercoat (3) £13.95  
GM816 Swan Neck Lamp Soft Black (3) £13.95  
GM817 Swan Neck Lamp BR/SR Green (3) £13.95  
GM818 Swan Neck Lamp LMS Maroon (3) £13.95  
GM819 Swan Neck Lamp GWR Stone (3) £13.95  
GM820 W/Mounted Swan Neck Black (2) £13.95  
GM821 W/Mounted Swan Neck SR/BR Gm (2) £13.95  
GM822 W/Mounted Swan Neck LMS Mm (2) £13.95  
GM823 W/Mounted Swan Neck GWR Stone (2) £13.95  
GM824 W/Mounted Gas Lamp Soft Black (2) £13.95  
GM825 W/Mounted Gas Lamp BR/SR Green (2) £13.95  
GM826 W/Mounted Gas Lamp LMS Maroon (2) £13.95  
GM827 W/Mounted Gas Lamp Undercoat (2) £13.95  
GM828 W/Mounted Gas Lamp GWR Stone (2) £13.95  
GM829 Modern Sgl Head Adjustable Lamp (4) £15.95  
GM830 Modern Oil Head Adjustable Lamp (3) £13.95

### OO SCALE VALUE PACKS LAMPS & LIGHTING

Typically 6 x lamps, plus two matching wall lamps with prototype post extensions as well as 6 prototype white LEDs for building interiors and all required light control PCBs.

GM851 Barley Twist Gas Lamp Soft Black £32.95  
GM852 B/Twist Gas Lamp SR/BR Green £32.95  
GM853 B/Twist Gas Lamp LMS Maroon £32.95  
GM854 B/Twist Gas Lamp GWR Stone £32.95  
GM855 B/Twist Gas Lamp Grey Undercoat £32.95  
GM856 Taper Post Gas Lamp Soft Black £32.95  
GM857 Taper Post Gas Lamp BR/SR Green £32.95  
GM858 Taper Post Gas Lamp LMS Maroon £32.95  
GM859 Taper Post Gas Lamp GWR Stone £32.95  
GM860 Taper Post Gas Lamp Undercoat £32.95  
GM861 Taper Post Oil Lamp Soft Black £32.95  
GM862 Taper Post Oil Lamp SR/BR Green £32.95  
GM863 Taper Post Oil Lamp LMS Maroon £32.95  
GM864 Taper Post Oil Lamp GWR Stone £32.95  
GM865 Taper Post Oil Lamp Grey Undercoat £32.95  
GM866 Swan Neck Lamp Soft Black £32.95  
GM867 Swan Neck Lamp SR/BR Green £32.95  
GM868 Swan Neck Lamp LMS Maroon £32.95  
GM869 Swan Neck Lamp GWR Stone £32.95  
GM870 Modern Sgl Head Adjustable Height £32.95  
GM880 Modern Oil Head Adjustable Height £19.95

### LIGHTING ACCESSORIES

GM895 Light Control PCB - LED/Lamp (2) £6.95  
GM896 Light Control PCB - LED/Lamp (5) £12.95  
GM897 Mini Light Control PCB - LED (10) £4.95  
GM898 Mini Light Control PCB - Lamp (10) £4.95  
GM899 Spare Bulbs for Lamps (5) £4.95

### TOOLS

#### MODEL RAILWAY MAINTENANCE

GM50 OO/HO Locomotive Wheel Cleaner £39.95  
GM47 N Gauge Wheel Cleaner £34.95  
GM51 Spare Pads for GM50 £17.95  
GM49 Spare Pads for GM47 £17.95  
GM59 N Scale Wheel Cleaner £15.95

#### RAZOR SAWS

GM671 4 in 1 Saw Set £19.95  
GM672 Razor Saw Supreme £11.95  
GM673 Razor Saw Fine £11.95  
GM675 Razor Saw Medium £11.95  
GM676 Aluminium Mitre Box £16.95  
GM677 Fine Woodcraft Saw £11.95  
GM678 Flush Cutting Saw £15.95  
GM679 Universal Razor Saw £12.95

#### SOLDERING STATION

GM661 Complete Soldering Station £29.95  
GM662 Spare Tip £2.95

### TRACK RUBBERS

GM26 Track Rubber £32.25  
GM27 Jumbo Track Rubber £5.95

### CUTTING MATS

GM599 A6 Size £2.95  
GM600 A2 Size £15.95  
GM601 A3 Size £10.95  
GM602 A4 Size £5.95  
GM603 A5 Size £3.95

### GENERAL MODELLING TOOLS

GM604 Round Nose Pliers £6.95  
GM605 Flat Nose Pliers £6.95  
GM606 Side Cutters £6.95  
GM607 Half Round Pliers £6.95  
GM608 Bent Nose Pliers £6.95  
GM609 S/Steel Tweezers (4) £10.95  
GM610 Double Ended Pin Vice £3.95  
GM611 Sawset 1 w/ Scalpel Handle £5.50  
GM613 Trim-away Knife £5.95  
GM614 Stainless Steel Scalpel & Blades £1.95  
GM615 Plastic Scalpel & Blades £1.95  
GM616 Disposable Knife Set (3) £6.95  
GM617 Pick-Up Tool £4.25  
GM618 Magnifier Tweezers £4.25

### SWITCHES

GM501 Slide Switch DPDT £1.70  
GM502 Slide Switch DPDT (C/Off) £1.70  
GM503 Toggle Switch SPST £2.35  
GM504 Toggle Switch DPST £2.65  
GM505 Mini-Toggle DPDT (C/Off) £3.15  
GM506 Mini-Toggle SPST £2.75  
GM507 Mini-Toggle SPST £2.45  
GM508 Mini-Toggle SPST £2.45  
GM509 Mini-Toggle SPDT (C/Off) £2.45  
GM510 Mini-Toggle for Point Motors £2.70  
GM511 Mini-Toggle for G Point Motors £2.70  
GM512 Push to Break Black (5) £2.85  
GM513 Push to Make Black (5) £2.85  
GM514 Push to Make Blue (5) £2.85  
GM515 Push to Make Green (5) £2.85  
GM516 Push to Make Red (5) £2.85  
GM517 Push to Make White (5) £2.85  
GM518 Push to Make Yellow (5) £2.85  
GM519 Rotary Switch 1 Pole 12 Way £2.85  
GM520 Rotary Switch 2 Pole 6 Way £3.75  
GM521 Rotary Switch 3 Pole 4 Way £3.75  
GM522 Rotary Switch 4 Pole 3 Way £3.75  
BPM501 Slide Switch DPDT (25) £12.95  
BPM502 Slide Switch DPDT (C/Off) (25) £12.95  
BPM503 Toggle Switch SPST (25) £34.95  
BPM504 Toggle Switch DPST (25) £42.95  
BPM505 Mini-Toggle DPDT (C/Off) (25) £44.95  
BPM506 Mini-Toggle SPST (25) £42.95  
BPM507 Mini-Toggle SPST (25) £34.95  
BPM508 Mini-Toggle SPST (25) £34.95  
BPM509 Mini-Toggle SPDT (C/Off) (25) £44.95  
BPM510 Mini-Toggle for Point Motors (25) £44.95  
BPM511 Push to Make Black (25) £9.95  
BPM512 Push to Make Blue (25) £9.95  
BPM513 Push to Make Green (25) £9.95  
BPM514 Push to Make Red (25) £9.95  
BPM515 Push to Make White (25) £9.95  
BPM516 Push to Make Yellow (25) £9.95

### WIRE

GM09RB Twinned Wire Red/Black (10m) £5.95  
GM10 Wire Red/Black/Green (10m of each) £5.95  
GM11BK Wire Black 7 x 0.2mm (10m) £2.15  
GM11BL Wire Blue 7 x 0.2mm (10m) £2.15  
GM11BN Wire Brown 7 x 0.2mm (10m) £2.15  
GM11GN Wire Green 7 x 0.2mm (10m) £2.15  
GM11GR Wire Grey 7 x 0.2mm (10m) £2.15  
GM11GW Wire Orange 7 x 0.2mm (10m) £2.15  
GM11PW Wire Pink 7 x 0.2mm (10m) £2.15  
GM11PP Wire Purple 7 x 0.2mm (10m) £2.15  
GM11RW Wire Red 7 x 0.2mm (10m) £2.15  
GM11W Wire White 7 x 0.2mm (10m) £2.15  
GM11Y Wire Yellow 7 x 0.2mm (10m) £2.15  
BPM11BK Black Wire 7 x 0.2mm (100m) £7.95  
BPM11BL Blue Wire 7 x 0.2mm (100m) £7.95  
BPM11BN Brown Wire 7 x 0.2mm (100m) £7.95  
BPM11GN Green Wire 7 x 0.2mm (100m) £7.95  
BPM11GR Grey Wire 7 x 0.2mm (100m) £7.95  
BPM11GW Orange Wire 7 x 0.2mm (100m) £7.95  
BPM11PW Pink Wire 7 x 0.2mm (100m) £7.95  
BPM11PP Purple Wire 7 x 0.2mm (100m) £7.95  
BPM11RW Red Wire 7 x 0.2mm (100m) £7.95  
BPM11W White Wire 7 x 0.2mm (100m) £7.95  
BPM11Y Yellow Wire 7 x 0.2mm (100m) £7.95

### GENERAL ELECTRICAL ACCESSORIES

GM12 Pair Connecting Leads (Pin/Bare Wire) £4.95  
GM14 Crimped Pin Terminals (6) £2.85  
GM15 Ring Terminals (6) £1.95  
GM16 Pair Connecting Leads (Pin/Pin) £4.95  
GM28 Crocodile Clips Red/Black Pair £1.75  
GM29 Knob for Rotary Switches & Pots £2.85  
GM40 1.5a Rectifier £4.95  
GM41 Thermal Cut-Out 1 Amp £3.95  
GM42 Thermal Cut-Out 2.5 Amp £3.95  
GM74 1a Diodes for PCU/SS1 (20) £2.45  
GM75 PS55-Way Din Plug/Socket £1.95  
GM77 12-Way Poly Terminal Block £1.95  
GM79 2.1mm Socket for WM1 Transformer £1.95  
GM89 Pack of 5 Amp Fuses (5) £2.75

### LIGHTING

GM61 Micro LED White (4) £7.95  
GM62 Micro LED Red (4) £7.95  
GM63 Micro LED Blue (4) £7.95  
GM64 Micro LED Orange (4) £7.95  
GM69 Grain of Wheat Bulb 12v Yellow (5) £3.95  
GM70 Grain of Wheat Bulb 12v Red (5) £3.95  
GM71 Grain of Wheat Bulb 12v Clear (5) £3.95  
GM72 Grain of Wheat Bulb 12v Green (5) £3.95

### SOLDERING IRONS & BITS

GM680 15W 230V Soldering Iron £16.95  
GM681 25W 230V Soldering Iron £17.95  
GM682 40W 230V Soldering Iron £19.95  
GM685 15W No.6 Tip £3.95  
GM686 15W No.8 Tip £3.95  
GM687 25W No.6 Tip £3.95  
GM688 25W No.7 Tip £3.95  
GM689 25W No.8 Tip £3.95  
GM690 40W No.6 Tip £3.95  
GM691 40W No.7 Tip £3.95  
GM692 40W No.8 Tip £3.95

### SOLDERING ACCESSORIES

GM01 Low Melt Solder 70 degrees (20g) £4.45  
GM02 Solder 180 degrees (20g) £4.45  
GM03 White Metal Flux £6.25  
GM04 Brass Flux £6.25  
GM05 Non Acid Safety Flux £6.50  
GM06 Solder Wire 145 Degrees £4.95  
GM09 Desoldering Pump £3.95

### ELECTRICS

#### GM356 2016 NEW ITEMS BROCHURE

Free from your local dealer or direct from us.

#### GAUGEMASTER Limited Edition News

#### GMC-LT Multi Scale Locomotive Tester

Finished in an eye catching stainless steel, this limited edition loco tester is the perfect companion to any model railway.

£299.95 - IN STOCK NOW

#### N SCALE

#### IN STOCK

DAGM202 LNER A4 (Valenced) 4488 "Union of South Africa" £149.95 - IN STOCK NOW

#### IN STOCK

DAGM232 First GBRF - £69.95 73 141 Charlotte

#### IN STOCK

DAGM221 GBRF Aggregate Industries 66711 "Sence" £109.95 - Expected April 2017

#### OO SCALE

#### IN STOCK

DAGM100 The Royal Alex £129.95  
DAGM101 Brighton Evening Argus £129.95  
DCC FITTED £149.95  
DCC SOUND FITTED £239.95

### RANGES STOCKED

Airfix £3.95  
Antex £4.95  
Atlas £3.95  
Bachmann £4.95  
Berko £4.95  
Busch £1.65  
Capital Transport £5.50  
Carrera £5.75  
Cartrix £6.00  
Classix £5.95  
Dapol £13.95  
DCCconcepts £5.50  
Deluxe Materials £14.50  
DM Toys £13.95  
Dornaplas £13.95  
EFE £13.95  
Faller £13.95  
Fleischmann £13.95  
FlySlot £13.95  
Gaugemaster £13.95  
Graham Farish £13.95  
Harburn Hamlet £13.95  
Helfan £13.95  
HMRS Transfers £13.95  
Hobbytrain £13.95  
Hornby £13.95  
Humbrol £13.95  
Ian Allen £13.95  
Jagerndorfer £13.95  
Kadee £13.95  
Kato £13.95  
Kestrel Designs £13.95  
Kibri £13.95  
Knightwing £13.95  
LGB £13.95  
Lifelike £13.95  
Lightcraft £13.95  
Marklin £13.95  
Mehano £13.95  
Metcalfe £13.95  
Middleton Press £13.95  
MiniNis £13.95  
Minitrains £13.95  
Modelcraft £13.95  
Model Scene £13.95  
MRC £13.95  
Ninco £13.95  
Noch £13.95  
NSR £13.95  
Oxford Diecast £13.95  
Oxford Rail £13.95  
Parkside Dundas £13.95  
Peco £13.95  
Piko £13.95  
Plastrax £13.95  
Pola £13.95  
Preiser £13.95  
Racer £13.95  
Railmatch £13.95  
Ratio £13.95  
Revell £13.95  
Roco £13.95  
Rokuhan £13.95  
Rotacraft £13.95  
Scalextric £13.95  
Scenix £13.95  
Seep £13.95  
Seuthie £13.95  
Sideways £13.95  
Slatters £13.95  
Slot It £13.95  
Slotways £13.95  
Spraycraft £13.95  
Springride £13.95  
SRC £13.95  
Superquick £13.95  
Tiny Signs £13.95  
Tracksetta £13.95  
Train Tech £13.95  
TrainSave £13.95  
Trumpeter £13.95  
Trix £13.95  
Viessmann £13.95  
Vollmer £13.95  
Vulcan Slot £13.95  
W & T £13.95  
Walthers £13.95  
Wiking £13.95  
Wills £13.95  
Xuron £13.95



# Buntingford to Broxfield

*Recreating the railways of Hertfordshire has been the aim of **ROGER LATTIMORE**, and he has done it sublimely with this 'OO' gauge layout which first featured in HM81. Here he brings the story up to date with the addition of the Buntingford branch.*

**PHOTOGRAPHY, TREVOR JONES**

**T**HE RAILWAYS CAME to my part of East Hertfordshire (20 miles north of London) in the 1840s but their main aim was to reach Cambridge. Various competing companies, later to be amalgamated into the Great Eastern Railway (GER) and Great Northern Railway (GNR) considered route options and which towns should be connected in between.

In the event the GER got there from Liverpool Street via Broxbourne and Bishop's Stortford, the GNR from King's Cross via Hatfield and Hitchin. Midway east-west between Broxbourne and Hatfield lie Hertford and Ware (of Wickham Trolley fame) only two miles apart and Buntingford 12 miles to the north. In early plans, these three strategic places would have been part of one or other of the main routes but were eventually only served by branch lines.

The Hertford and Ware Railway (1843) was a six-mile branch from Broxbourne via Rye House, St Margarets, then Ware to Hertford. The Ware, Hadham and Buntingford Railway dates from 1863 but closed in the 1960s. Hertford's second station was a branch terminus from Hatfield later connected to Ware (also closed) and its third is an important part of the Hertford loop off the East Coast Main Line.

As a Ware boy growing up in the 1950s and '60s, most of these places were only a bike ride away, so I went and watched the trains with great enthusiasm, often dragging along my younger brother or a friend. Inevitably the years passed and family and career matters took precedence, in my case to the age of about 55 years old. Whilst my love of trains old and new has never waned, it is only during these latter years that I have been able to commence my model railway.

On starting the project, which first saw the light of day in HM81, I quickly decided to call it Broxfield, intending the main station to combine as many features of Broxbourne and Hatfield as possible. A branch line would go to Buntingford via Hadham and again I wanted to model as many true features as possible. I have a purpose built 'Station House' in my garden with space for a 36ft x 12ft layout. This allows me to use large radius code 75 Peco track. I would love it to have been 'P4' or finescale but it was simply too impractical and costly. »





SCALE  
'OO'

SIZE  
36ft x 12ft

PERIOD  
1950s-1960s

CONTROL  
ANALOGUE

**Right:** The signalbox had an unusual extended spyglass which Roger has modelled to good effect.

**Below:** A Thompson 'B1' 4-6-0 leads a mixed goods through Easneye Junction on the main lines as an 'N7' 0-6-2T rumbles along the branch to Buntingford.





It is an analogue system and I do not believe digital would have been any less expensive or given me any more enjoyment building it or replicating the authenticity of the various control systems.

## DEVELOPMENT

During the early years as the development progressed, I constructed several rigid box sections 12in deep, and a maximum of 30in wide by 12ft long from plywood with softwood baton frameworks. The boxes have no underside to allow access and sit on sturdy 30in high trellising all the way round the inside perimeter of the building. The four-track oval sits on top

with a removable bridge section spanning the double door entrance. There are two double Gaugemaster electronic controllers with brakes, one for each of the four tracks and a single controller to operate the shed area and branch which runs round as an outer fifth track. The brake facility is 'future proofing' for when I eventually operate a timetable. I use Gaugemaster electronic track cleaners, one for each of the four main lines and all the points are electrified with Peco motors which I have found to be very reliable.

I have a control centre for the point levers disguised as a huge signalbox made from six Metcalfe kits with a 48-lever frame

plus additional levers for Buntingford and some sidings – regular readers might remember this from the feature in HM81. There is no storage yard and the layout has more than 90ft of detailed scenery and Gaugemaster backscenes all the way round. I have an array of on/off power feed switches, polarity switches, override switches and double override switches to allow smooth single controller movement of trains across different control areas such as crossing from the up lines to the down lines and sidings.

The wiring has been a lot of fun and the secret is to use colours and clear markings. It is after all only very basic electrics but







**Right:** At Broxfield station an 'N7' 0-6-2T runs round its suburban stock ready for the next departure to Buntingford.



**Below:** A Worsell 'J15' 0-6-0 pauses at Ware St Margarets single platform with a stopper for Broxfield as East Coast Main Line motive power old and new passes on the main lines.



repeated many times over. All my signals are hand operated and built from Ratio kits to specific designs required for each location. I have often thought that signals are too often overlooked, but to me it is important to get them right. The same goes for the track: I feel it is important that it looks right which essentially means to remember that in real life no two bits are the same.

## STRATEGIC PLANNING

I consider myself to be a bit of a closet signalman, and much thought has gone into the several junctions around the layout. A double crossover, two scissors crossovers and other trailing and facing crossovers and junctions. On the vertical surface at the front of the layout just below track level are all the controls within easy reach making a one-man operation comfortably possible.

The controls face the large engine shed to the south of Broxfield station on the up side which I have designated 30B, a sub-shed of Stratford correct for Ware, Hertford and Buntingford. The tracks adjacent to the shed are deliberately challenging and complicated but I have made it possible with a single controller to transect all four running lines seamlessly from the locomotive shed or station bay by using the appropriate override switches.

Through Broxfield station itself, the track mirrors Hatfield except that the platforms are not staggered. Heading north, the down fast and slow lines are served by an island platform, the up fast is a clear through line and the up slow has a platform edge and a two-track bay at its southern end. The bay serves the Buntingford branch (the completion of this branch is the layout's latest development), local trains, parcel goods and also gives access to a short cattle dock. There are two signalboxes, North and South, controlling the main station area, sidings and engine shed. As at Broxbourne at the southern end, the Nazeing New Road crosses on a lengthy multi-arched brick built bridge and at the country end there are west sidings and a large gas holder.

## BRANCH LINE EXTENSION

Buntingford terminus station is authentically set in carefully designed countryside surroundings and I have made a truly serious attempt to create a near exact replica except that space constraints inevitably mean compromises have to be made. There are two sidings missing behind the station platform which »





**05** Left: The New River and Hertford Road run parallel with the railway which is five tracks across here. The nearest four are the main lines with the branch at the back.

**06** Below: Hertford Junction station is modelled in low relief against the backscene. A 'J15' completes its descent from Buntingford as a 'B1' crosses to the Down Slow.

is shortened but everything else is faithfully replicated to the best of my ability.

Buntingford station has been built as a separate sub assembly. The baseboards were removed to the house for construction and detailing, not least because access is more than a little difficult due to their final location. This project has brought the layout much closer to completion – is any layout ever finished? – and has been a pleasure to generate including a number of unique features of the station.

The signalbox has an iconic extended spyglass window to allow the signalman to have an otherwise obscured view back towards the station platform past the adjacent brick water tower. This was a challenge I could not have undertaken way back when the project began - but by using photographic evidence, after an initial failure I scratchbuilt it to an acceptable standard. With my confidence high, I then set about building the goods shed again with photographs to guide me, paying particular attention to the front elevation with the double-door entrance. The platform sectioned brick retaining wall and white line edging including spillage are accurate, and the Buntingford station sign and flowerbeds are particularly well represented. A starter signal, workman's hut and coal platform are also correctly positioned.

The branch had a weight and route limit and only two 'N7s' were shedded there, 69633 and 69634 to support operation of the passenger service. The occasional 'J15' or 'J39' 0-6-0 visited the line and later three-car Class 105 DMUs. Wickham used it to test run its railbuses and export products and it featured in black and white feature films of the day, *Postman's Knock* with Spike Milligan being one.

On the layout, Buntingford occupies the most northerly end but on a higher level separated from the four-track main line by buttresses and scenic countryside. The single track begins to descend and curves to the right past Hadham House and its farm crossing followed by a typically pretty Hertfordshire wooded area. »





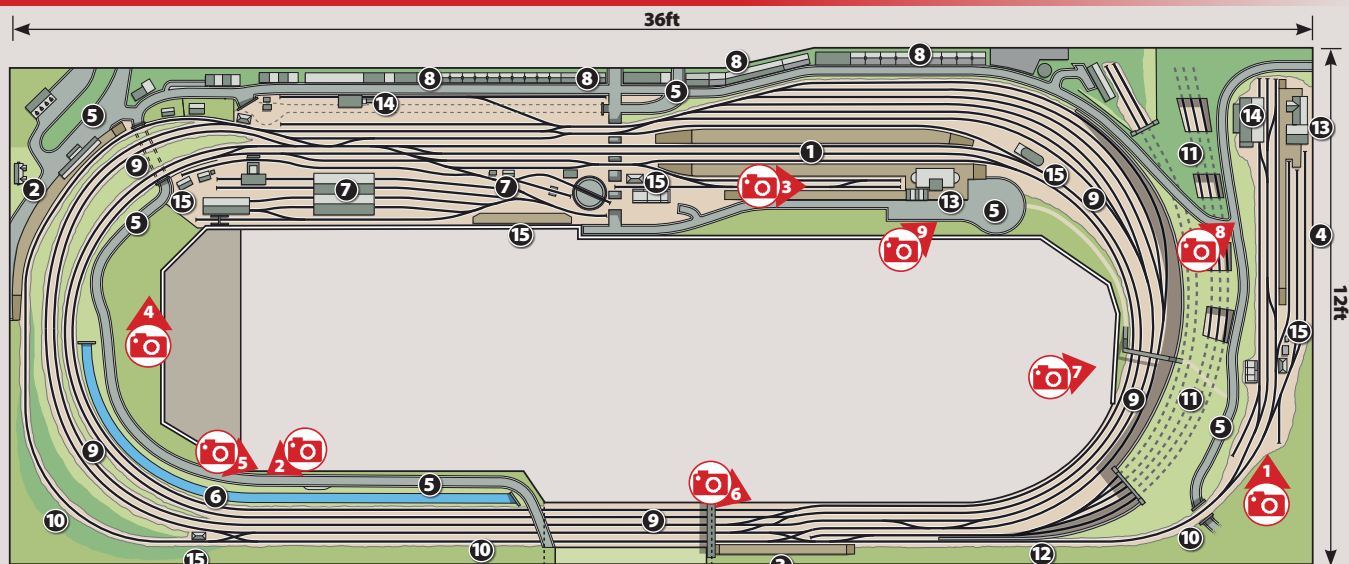


**Right:** The lower level main lines are occupied by Thompson and Peppercorn designs as a 'J15' prepares to depart Buntingford above with a mixed goods.





## BROXFIELD TRACK DIAGRAM (Not to scale)



### KEY

1 Broxfield	4 Buntingford	7 Engine shed	10 Branch line	13 Station building
2 Ware St Margarets	5 Road	8 Houses	11 Storage sidings	14 Goods shed
3 Hertford Junction	6 Canal	9 Main lines	12 Incline	15 Signalbox

Below this section are five hidden sidings which emerge as the branch descends to their level. Modelling constraints dictate that the line arrives at Hertford Junction station (represented in low relief against an industrial backscene). The sidings are accessed from here and a scissors crossing then connects to the up slow and all five running lines progress together past the signalbox and under the Hertford Road bridge while the backscenes depict the Chadwell Springs and the expansive low lying King's Meads between Hertford and Ware. The New River and Hertford Road authentically run parallel in the foreground to the southern end of the layout. Approaching the curves there is another scissors crossing at Easneye Junction with a signalbox which connects the branch to the up slow and it diverges through Easneye Estate cutting before reaching Ware St Margarets.

### REAL AND MODEL


In reality, the Buntingford branch line connected to the Broxbourne branch midway between Ware and St Margarets as they are two separate places but modelling constraints compel me to make them as one although the single platform is pure Ware with its platform signalbox and level crossing expanded from one track to five. However, I have replicated the iconic branch line sign from the terminus bay platform at St Margarets which reads 'St Margarets for Stanstead Abbots change for Buntingford Line'.

The two branches are now fictitiously combined and continue curving back north again as they approach Rye House Junction with its signalbox. There was no room here for a Rye House station but the backscene depicts a small industrial estate and the branch joins what has now become the down slow.

There is a signal gantry here controlling the down tracks as they proceed to the main Broxfield South Junction, a freight reception road, down slow, down fast, crossover to up slow and bi-directional branch to station bay. For completeness I have also described this final section of the journey in more detail in reverse.

As we leave the bay, the two tracks converge with the up slow at the end of the platform. We pass the cattle dock siding to our left and proceed under the road bridge then split from the up slow with the single line bi-directional branch keeping left and we pass the turntable of Broxfield shed.

A major signal gantry is ahead controlling all the up lines. All the running lines are to our right with further goods siding, unloading facilities and coal depot on the far down side. Beyond the gantry is the shed exit/entry which converges with us and we then cross the up slow on a single slip and the up fast on a plain diamond crossing. Bearing in mind we remain bi-directional we then join the down fast before diverging right onto the down slow and diverge again right at Rye House Junction onto the branch line proper. It remains single track and the first stop is Ware St Margarets.

Building this model railway over the last 12 years or so has been a truly enlightening and enjoyable experience. When I started it, I had a plan and not much else, a bit of plastic kit building as a kid and an earlier failed attempt in the 1970s. Over the years I have met lots of new people at exhibitions and friends with bits and pieces of knowledge and information to help me freely given and gratefully received. I have developed some skills I never knew I had, patience being a very important one and problem solving another. 



 Buntingford's goods shed and station building have been scratchbuilt using photographs. No model of this branch line would be complete without an 'N7' though.





 Broxfield occupies a 36ft x 12ft space with the branch line running around the outside of the main lines to reach the terminus in the top corner. Viewed across Broxfield station throat with a 'Britannia' arriving, an 'N7' 0-6-2T has just arrived at Buntingford in the background.





38-825Z Double Bolster Wagon, Freight Brown  
Pristine £24.95 | Weathered £29.95



38-829Z Double Bolster Wagon LNER Grey  
Pristine £24.95 | Weathered £29.95



38-853Z Barrier Wagon Olive Green livery  
Pristine £24.95 | Weathered £29.95



38-826Z Double Bolster Twin Pack, Freight Grey  
Pristine £49.95 | Weathered £59.95



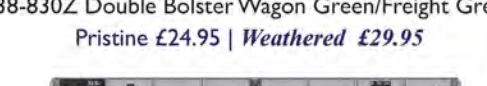
38-830Z Double Bolster Wagon Green/Freight Grey  
Pristine £24.95 | Weathered £29.95



38-854Z Plate Wagon Twin pack Freight Grey  
Pristine £49.95 | Weathered £59.95



38-827Z Double Bolster Twin Pack, Freight Grey  
Pristine £49.95 | Weathered £59.95



38-850Z Plate Wagon ZDO Freight Grey  
Pristine £24.95 | Weathered £29.95



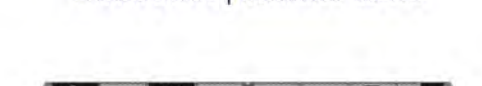
38-855Z Plate Wagon Freight Grey  
Pristine £24.95 | Weathered £29.95



38-828Z Double Bolster Wagon LMS Bauxite livery  
Pristine £24.95 | Weathered £29.95



38-851Z Reach Plate Wagon  
Pristine £24.95 | Weathered £29.95



38-856Z Plate Wagon, Lackenby Works, Freight Grey  
Pristine £24.95 | Weathered £29.95



38-852Z Engineers 'Winkle' Wagon Engineers Black  
Pristine £24.95 | Weathered £29.95

## Send us your standard models

### Custom Finish Specialists

To get your models customised by TMC contact us by phone or go to: [www.themodelcentre.com/customisation-at-tmc](http://www.themodelcentre.com/customisation-at-tmc)

You can buy pristine or TMC customised models from our stock, or pre-order new releases at competitive prices. With any purchase from TMC you can enhance the model by choosing from the above customisation options.

#### Customisation options...

- Weathering - light, medium or heavy
- Custom deluxe weathering (matching a picture)
- Renaming & renumbering
- DCC & DCC sound fitting service
- Screw link couplings
- Shed code changes
- Crest Changes
- Gloss finish
- Cab crew
- Fire irons
- Real coal
- Cab tarpaulin
- Fit parts pack
- Lamps
- Tool carrier



32-859Z Bachmann 9F No. 92000 In Stock Now

Pristine - £169.95 | Standard weathering - £194.95 | Custom Deluxe weathering as pictured above (Includes: Parts Pack, Real Coal, Crew, Screw Link Coupling) - £239.95

#### CONTACT US

sales@tmc-direct.com  
01947 899125

#### OPENING HOURS

Monday - Friday: 8am - 5pm  
Saturday: 8am - 4pm  
Sunday: By Appointment

#### VISIT US

The Model Centre  
Hill Farm  
Beck Hole  
Whitby  
North Yorks  
YO22 5LF

#### STAY WITH US

**HILL FARM**  
Holiday Cottages  
[www.stayhfhc.co.uk](http://www.stayhfhc.co.uk)  
enquiries@stayhfhc.co.uk  
01947 899125 (option 3)

#### POSTAGE

All prices subject to  
£4.95 P&P.  
Next day delivery  
available from £6.95

Highlands and islands subject to  
surcharge and will be sent via Royal  
Mail, weight restrictions apply.

#### PAYMENT

Cheques made payable to:  
'The Model Centre'  
Accepting all major credit &  
debit cards, PayPal & WorldPay

All goods in stock or on order at time of going to  
press, prices maybe subject to change  
without notice. e & oe.



# TMC Exclusive Horse Boxes

*History in the Making*



**38-525W** Bachmann VWR Maroon Horse Box W96357 (Single)  
Was £36.50 **Now £27.50**



**38-526W** Bachmann SR Green Horse Box S96403 Weathered (Single)  
Was £38.50 **Now £28.95**



**38-528Z** Bachmann SR Green Horse Box S96369 (Single)  
Was £36.50 **Now £27.50**



**38-527Z** Bachmann ER Maroon Horse Box E96321 Factory Weathered (Single)  
Was £38.50 **Now £25.55**



**Back The Winners at TMC**

**UP TO 30% OFF!**

***Horse Box Offer  
Must End Soon!***



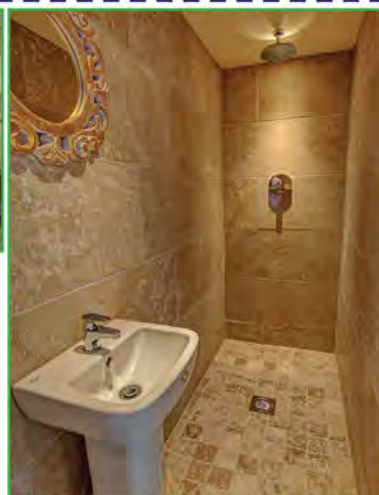
**38-526Y** Bachmann SR Green Horse Box S96366 & S96413 Pristine (Twin)  
Was £67.00 **Now £49.99**



**38-528Y** Bachmann SR Green Horse Box S96402 & S96367 (Twin)  
Was £67.00 **Now £49.99**



**38-527Y** Bachmann MR Maroon Horse Box M96300 & M96301 (Twin)  
Was £67.00 **Now £49.99**

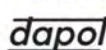


**Stay With Us**  
enquiries@stayhfhc.co.uk  
01947 899129



**www.themodelcentre.com**

Now Accepting **PayPal**



\*Terms & conditions can be found at [www.themodelcentre.com/terms-and-conditions/](http://www.themodelcentre.com/terms-and-conditions/)



# Waterloo Sunset

**SOUTHERN  
END OF STEAM  
50<sup>th</sup>  
ANNIVERSARY**

'Merchant Navy' 35030 *Elder Dempster Lines* was one of the last of its class in traffic on July 9 1967. **TIM SHACKLETON** goes back 50 years to celebrate the glorious swansong of the Bulleid 'Pacifics' in their epic final weeks using Hornby's 'OO' gauge model.

**I**N MAY 1967, by way of celebrating my 17th birthday, I spent an entire week bombing round from dawn to dusk behind Southern steam. The Kinks' *Waterloo Sunset* had just been released, and full electrification of the Bournemouth line was imminent. With the clock ticking I had some lively rides behind Bulleid 'Pacifics' and BR Standards, head out of the carriage window, eyes full of cinders, breathing in the sight and sound of hard-working steam locomotives.


It was the third year in a row I'd done this – my parents had become fond of holidaying in Bournemouth – and also the last. Steam out of Waterloo would finish in a matter of weeks and when the family dutifully returned the following year, it was without me. My latest girlfriend, I'd come to realise, had a lot more potential than 4-REPs and electro-diesels.

This summer sees the 50th anniversary of

the end of Southern steam. I thought we'd mark it not by showing some utterly decrepit locomotive – though there were plenty of those around – but by one of the handful of late survivors that were accorded special status. Of course, the Bulleid 'Pacifics' were what made the Southern unique and in their final weeks, with electrification works complete and speed restrictions lifted, a handful of them were given their collective head and allowed to put in some incredible performances that, until *Tornado's* epic 100mph run in April, have never been equalled on the British network. They may have been shorn of their nameplates and their paintwork was tatty and patched but footplatemen, depot staff and enthusiasts alike were determined they'd go out in style.

This project had to be about a rebuilt 'Merchant Navy'. They were only a couple of feet longer than the rebuilt 'Light Pacifics'

but they seemed altogether more pumped up and muscular, with an American accent that was far more pronounced. During those unforgettable final days, I saw seven of the ten survivors on top-link express workings – the remaining three were dumped at Weymouth. Everywhere you went, you couldn't get away from the fact that this was the last main line in Britain to have a regular steam-hauled express service. I'm glad to have had the opportunity to sample it in depth, and I'm equally pleased to exploit 50 years of hindsight by modelling one of the Southern's most famous locomotives – arguably the most advanced express passenger steam locomotives in Britain.

With their myriad differences, the Bulleid 'Pacifics' are a detailer's dream and in this article, we'll look at how I customised the Hornby product to produce a unique symbol of an extraordinary era. 

**35030 *Elder Dempster Lines* after detailing, modification and weathering. The base model is excellent but what Hornby has given us, essentially, is a generic model of a rebuilt 'Merchant Navy' rather than an exact portrait, as we've become used to seeing from the manufacturers in recent years.**



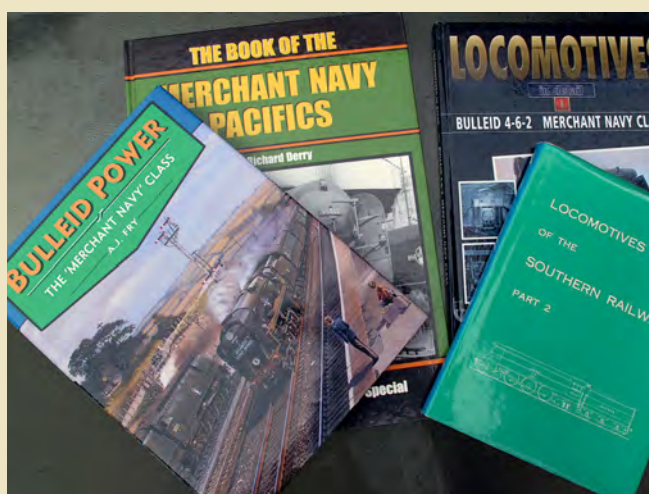


## STEP BY STEP DETAILING A HORNBY REBUILT 'MERCHANT NAVY' 4-6-2

Beginner **SKILL LEVEL** Intermediate Advanced

**1**

Announced in the 2000 catalogue, Hornby's rebuilt 'Merchant Navy' represented a huge improvement on what had gone before. The outline was substantially accurate and, like the Bachmann 'WD' 2-8-0 that we looked at a couple of issues ago, the model only shows its age through the omission of details that we'd nowadays take for granted. There's a hesitancy, too, about some of the key components – the firebox sides, for instance, the whistle and the smokebox door – that detracts from the essential muscularity of these engines.



**2** Each of these reference books helps build up a solid overall picture of the class both in original and rebuilt guise. For me, studying the nuances of the Bulleid 'Pacifics' over the years has become a hobby within a hobby.



**3** I like to make my own detailing parts but I used a lot of bought-in components for this project. Because ready-to-run models are so much better nowadays, there's nothing like the range there used to be but one of the most useful is the extensive list of detail fittings for Bulleid 'Pacifics' originally developed by the late Albert Goodall. It's now been absorbed into the catalogue of Robert Thompson of RT Models, who has added many of his own etched components to Albert's range.







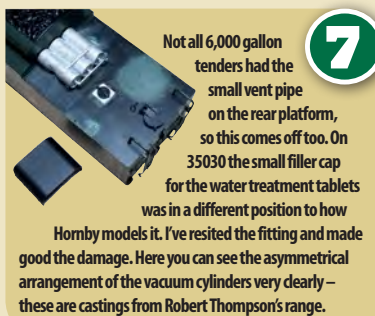
I started with the tender. Few of the rebuilt 6,000 gallon design were truly identical in terms of detail and Hornby's version is an all-purpose interpretation – not all of these tenders, for instance, had the curved fairing at the front. I started by unscrewing the body from the chassis and then popping out the vacuum reservoirs and cover plate. Two little tags hold the latter in place.



Hornby's vacuum reservoirs sit centrally on the back of the tender, but this was not typical of the 6,000 gallon design – normally they are offset to the left. Using a sharp blade, I pared away the supports that are moulded as part of the tender body.



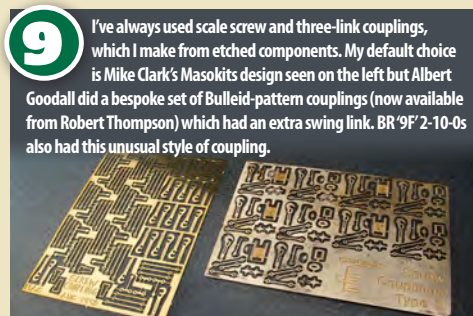
I filled the resulting holes with Squadron green putty. It does the job brilliantly and dries very quickly – you can work on it within half an hour. I've also used the filler to hide tool marks incurred when I was being careless with the knife.



Not all 6,000 gallon tenders had the small vent pipe on the rear platform, so this comes off too. On 35030 the small filler cap for the water treatment tablets was in a different position to how Hornby models it. I've resited the fitting and made good the damage. Here you can see the asymmetrical arrangement of the vacuum cylinders very clearly – these are castings from Robert Thompson's range.



A distinctive feature of Bulleid tenders – rarely noticed, and even more rarely modelled – is the heavy brake cylinder/actuating arm beneath the rear buffer beam. There's one at the front as well. I cut down an Albert Goodall casting originally intended for the first generation of Hornby Bulleid 'Pacifics'. The actual brake cylinder (largely hidden in the shadows) came from a plastic wagon kit.



I've always used scale screw and three-link couplings, which I make from etched components. My default choice is Mike Clark's Masokits design seen on the left but Albert Goodall did a bespoke set of Bulleid-pattern couplings (now available from Robert Thompson) which had an extra swing link. BR '9F' 2-10-0s also had this unusual style of coupling.



Rear of tender with further detail – vacuum pipe (provided with Hornby model), Albert Goodall screw coupling with bang plate (made from fret waste), steam-heating pipe (0.7mm brass wire set into brass tube). All great fun if you enjoy this kind of thing – which I do. I did the same thing at the front end of the locomotive.



In their final years the Bulleids were a mass of welded patches and platework repainted any shade of green other than the officially sanctioned colour. Sometimes you might see a different cab number underneath the existing one, suggesting a mix and match repair or even a full-scale identity swap. *Elder Dempster Lines* had a couple of particularly heavy patches on one side of the tender, for which I used thinned-down 5thou styrene sheet. The use of Precision Paints' Southern EMU Green (P124) and Freightliner Green (P246) over grey primer mirrors prototype indifference, along with the missing lining.



Hornby's dome, though the correct size, is too flat and I chose to replace it with an Albert Goodall white metal casting that has the correct profile. I realise this kind of thing might strike terror into the hearts of many modellers but the work of removing the original using dental burs is perfectly straightforward as long as you keep your head.



Having a modelling colleague who is a professor of dentistry has undoubtedly inspired me to learn which burr does what. At the same time as I swapped the domes I replaced the incorrectly shaped cover for the manifold elbow pipe for the curved one shown here – removing the original was a simple bit of work with a small, ball-shaped burr.



New white metal dome in place. I made it a tight-ish fit and then softened the plastic with a strong adhesive – Limonene – before pushing the casting fully home, checking the alignment from all angles. A spot of superglue holds it in place underneath. The ring of grey paint is to check the join is clean – any rough edges thus identified can be gently smoothed away.





Turning to the front of the locomotive, Hornby's smokebox door is too small and insufficiently bulbous, the smoke deflectors are too thick and the wooden AWS battery box should look like a separate item and not something moulded integrally with the front frames. All of this I will replace.



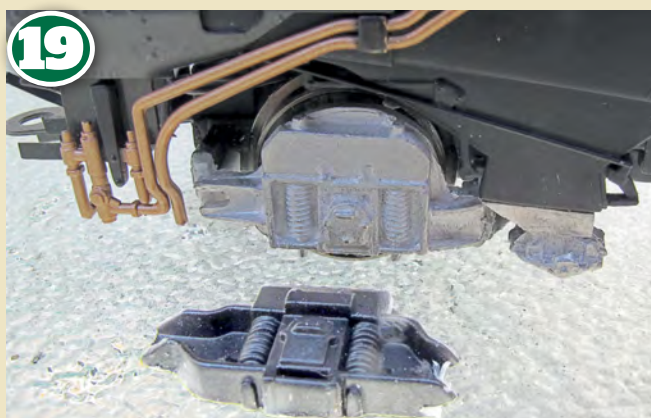
The craft skills involved in detail modelling are relatively simple but the great knack is learning to look hard at your prototype and copy exactly what you see. Don't always rely on manufacturers to do this for you – sometimes they make mistakes, while sometimes there are manufacturing compromises.



Front end component swapping. There are quite a few minor variations of detail in this area of a 'Merchant Navy' but *Elder Dempster Lines* had one of the more typical arrangements. The top lamp – removed while slicing off the original smokebox door with a razor saw – has been replaced by a cube of 40 thou styrene with the head of a brass lacemakers' pin for a lens. Note the correct space either side of the battery box and the 'shelf' above it.



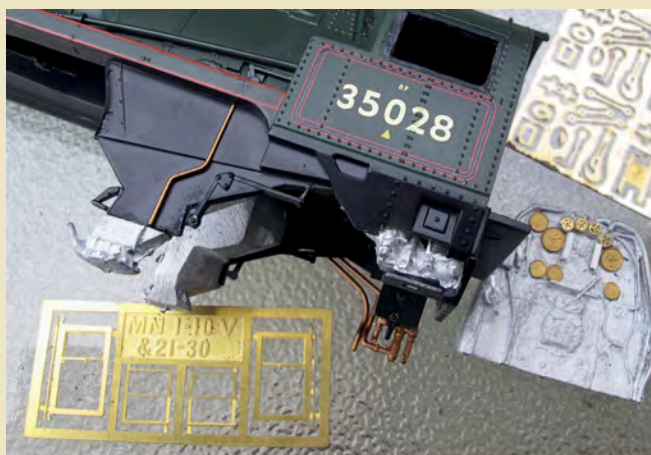
Once cleaned of flash, the extra thickness of the white metal firebox extensions will make an enormous difference to the appearance of this critical area, giving an air of solidity and purpose. There is just room to slide the motor in.



Engines of the 'Merchant Navy' class carried two different patterns of pony truck. The first 20 engines had the type shown on the Hornby model, while later ones had a lightweight fabricated design for which I used Robert Thompson's castings. Over time the trucks were interchanged between engines and by the 1960s 35002-4/11/15/17/19/23/6/30 were running with the later pattern, the remainder having the earlier cast type.



Hornby's backhead is pretty basic – something else we have begun to take for granted on more recent products – so I replaced it with a white metal Albert Goodall casting, enhanced with etched details. I instinctively acquire these little frets because they're so useful and give me a lot of choice – it's good to have exactly the right number of spokes on something barely 2mm across.



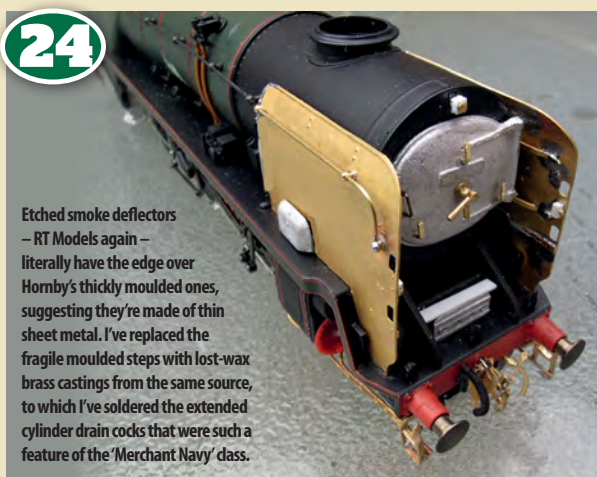
I wanted to model the cab windows open, as they usually were, using Robert Thompson's etched frames. This involved removing Hornby's glazing, a substantial unit that incorporates both the front spectacle windows and the rear draught screens, which I retained. A new steam generator has been fitted (at the correct angle this time) and the backhead, once painted, will be ready to go in.





**22** Cab window frames in place – this small detail makes a huge difference to the character of the model.

The reversing rod on a 'Merchant Navy' is recessed into the firebox rather than standing well proud of it, the way Hornby has done it. I didn't fancy my chances of cutting an accurately indented slot in which it would sit so I filed the rod half-round and glued it flat. I used a line of dark grey paint to suggest the recess.



**24**

Etched smoke deflectors – RT Models again – literally have the edge over Hornby's thickly moulded ones, suggesting they're made of thin sheet metal. I've replaced the fragile moulded steps with lost-wax brass castings from the same source, to which I've soldered the extended cylinder drain cocks that were such a feature of the 'Merchant Navy' class.







There are various details of interest here. Robert Thompson's etched nickel silver brake linkages offer far more refinement in this critical area than Hornby's understandably chunky plastic interpretation. The nameplates – by 1966 very few Southern engines had them – simply unplug from the boiler and the residual holes can be plugged with green putty. *Clan Line* is correctly modelled with one long forward sand filler and one short rear one, but all kinds of combinations are possible and you'll need to check with dated photographs. Robert has this base covered with a set of replacement fillers, complete with backing plates.

**25** The detail modifications and enhancements are just about done, and make a big difference to what's already an impressive model. Key areas such as the cab, the smoke deflectors and the front end are now much more prototypical, while a number of errors of detail have been corrected. Having no plans to run this model around tight radius curves, I tightened up the gap between engine and tender and this has made a significant difference to the model's appearance too. It's an easy modification even if you don't intend to undertake the other detailing here.

It is amazing to think that the rebuilt 'Merchant Navy' from Hornby is now 17 years old. It was the first all-new model to be produced in China and opened the doors to the high standards we have come to expect today. This is 35030 after its full detailing and customisation.

# The 'Merchant Navys' final days



**35013 Blue Funnel**, brewing up at Bournemouth shed on May 11 1967. The 'Merchant Navy' was one of the big beasts of the steam locomotive world and the side view emphasises the point. We can see here some of the many variations found among individual class members – 5,100 gallon tender, original pattern pony truck, sandbox fillers – usually one short and one long on each side, but here we have two short. Note also the sharply curved profile of the dome – Hornby's is flat-topped – and the marks where the nameplate was.



**35003**, the erstwhile *Royal Mail*, rolls into Bournemouth with the up 'Channel Islands Boat Express' (note the carriage roofboards) from Weymouth to Waterloo on May 12 1967.



**Above:** The focus of this project, 35030 *Elder Dempster Lines*, after arrival at Bournemouth Central with a down express from Waterloo on May 12 1967. I'd travelled on this train from Brockenhurst – 16 miles start to stop in 23 minutes dead. To the left, alongside the platform used by carriage cleaners, is 'West Country' 34093 *Saunton*.



**Above:** 35007 *Aberdeen Commonwealth* at Bournemouth Central with an afternoon train from Waterloo on 9 May 1967.

**Right:** Waterloo sunset – in this shot of 35030 backing in on June 11 1967, we can see very clearly such details as the offset vacuum tanks on the tender rear and the prominent repair patches. Although many people will be perfectly happy with Hornby's one-size-fits-all model, incorporating variations such as this always helps individualise your locomotives.

Tim Shackleton collection





# British Rail SOUTHERN REGION 1963-1967

**SOUTHERN  
END OF STEAM  
50<sup>th</sup>  
ANNIVERSARY**

Steam on the Southern Region ended 50 years ago in July 1967. **MARK CHIVERS** examines some typical train formations in the last four years of express steam.

**W**ITH SCHEDULED steam passenger services on British Rail's Southern Region (BR(SR)) ceasing 50 years ago on Sunday July 9 1967 (see *Railway Realism* pages 104-109), this issue we focus on train formations in the closing years of steam operation on the region from 1963 to 1967.

Whilst steam retained a stronghold on the South Western Main Line on routes to Bournemouth, Weymouth and the West Country, Electric Multiple Units (EMU) and new diesel and electric traction operated side-by-side, reflecting the colourful and diverse nature of operations at the time. In addition, a few pockets of steam operation remained

elsewhere on the Central section of the Southern and on cross-country routes too.

Locomotive-hauled rolling stock remained primarily BR green during this time, although BR's new blue and grey corporate identity was beginning to appear on its Mk 1 carriages too. Not only that, older rolling stock was being withdrawn and vehicles from other regions were drafted in to replace those Mk 1s selected for conversion into 4-TC and 4-REP multiple units as part of the Bournemouth line electrification scheme. With an influx of BR lined maroon Mk 1s - and even a few pre-nationalisation Gresley buffet cars - this resulted in some interesting mixed livery train formations.

This exciting, varied and colourful period on

the Southern Region can easily be modelled thanks to a wide selection of 'OO' gauge prototypes from the main manufacturers ranging from humble Drummond 'M7' 0-4-4Ts and 'Q1' 0-6-0s to Bulleid 'Pacifics' and BR Standard 'SMT' 4-6-0s. An increasing plethora of EMUs is also available including 2-BIL, 2-HAL, 2-EPB, 4-CEP and 5-BEL together with Motor Luggage Vans (MLVs), 2-H Diesel Electric Multiple Units (DEMUs) and examples of Class 33 diesels, Class 71 electrics and Class 73 electro-diesels.

Rolling stock is generally well-covered with Bachmann's 'OO' gauge Bulleid and BR Mk 1 types and Hornby's 'OO' gauge Maunsell vehicles (many of which were in the process of being withdrawn at this time) together

**Bulleid's 'Pacifics' held sway until the very end of Southern main line steam in July 1967. Rebuilt 'Merchant Navy' 35017 *Belgian Marine* (renumbered and weathered by Grimy Times) heads a mixed rake of Southern Region green and BR blue and grey Mk 1s through Twelve Trees Junction.**






with its growing range of BR Mk 1 coach types and luxury Pullman cars. For something a little different, Replica Railways' 64ft BR Mk 1 Suburban coaches were utilised on some commuter services out of London Waterloo.

An area that has so far been neglected is suitable catering vehicles, with just BR Mk 1 types available ready-to-run such as Bachmann's Mk 1 Restaurant Miniature Buffet (RMB), Restaurant Car (RU) and Restaurant First Open (which with a little modeller's licence could be used to represent similar vehicles) in BR green. Replica Railways' Palitoy-tooled BR Mk 1 Restaurant Buffet (RB) in BR green still passes muster and the original BR blue and grey model is also useful for mixed livery rakes. Hornby's LNER Gresley Buffet Car (RB) in BR maroon will prove handy for boat train and charter rakes, as a few were utilised in the final years of steam on the Southern Region. As is often the case, a little imagination is required to replicate some of the formations, as some vehicles simply don't exist in model form, except as kits.

In development, Hornby's South Eastern & Chatham Railway (SECR) 'H' 0-4-4T is due later this year as is Kernow Model Rail Centre's 4-TC four-car trailer set which ran side-by-side with steam on the Southern during the final months. Also progressing through the production process are Bachmann's 2-HAP and 4-BEP EMUs.

The following selection of 'OO' gauge train formations represents a snapshot of freight and passenger operations between 1963 and 1967 and, whilst not exhaustive, aims to illustrate the rich mix of liveries and assortment of stock in use during the final years of steam operation on BR's Southern Region. Some formations have necessarily been compressed to a maximum of 20 wagons and nine or ten carriages, and can, of course, be further reduced to suit your layout requirements. Each can be modelled using off-the-shelf ready-to-run models. 



## SUITABLE 'OO' GAUGE CARRIAGES

Type	Livery	Manufacturer	Cat No.
BR Mk 1 Corridor Brake Second (BSK)	BR green	Bachmann	39-078E
BR Mk 1 Corridor Brake Second (BSK)	BR green	Hornby	R4713
BR Mk 1 Corridor Brake Second (BSK)	BR blue/grey	Bachmann	39-075D
BR Mk 1 Corridor Composite (CK)	BR green	Bachmann	39-128C
BR Mk 1 Corridor Composite (CK)	BR green	Hornby	R4712
BR Mk 1 Corridor Composite (CK)	BR blue/grey	Bachmann	39-125D
BR Mk 1 Covered Carriage Truck (CCT) ***	BR maroon	Bachmann	39-550Z
BR Mk 1 Corridor First (FK)	BR green	Bachmann	39-153D
BR Mk 1 Corridor Second (SK)	BR green	Bachmann	39-028E
BR Mk 1 Corridor Second (SK)	BR green	Hornby	R4711
BR Mk 1 Corridor Second (SK)	BR maroon	Bachmann	39-026G
BR Mk 1 Corridor Second (SK)	BR maroon	Hornby	R4714
BR Mk 1 Corridor Second (SK)	BR blue/grey	Bachmann	39-025G
BR Mk 1 Gangwayed Brake (BG)	BR choc/cream	Bachmann	39-179B
BR Mk 1 Gangwayed Brake (BG)	BR choc/cream	Hornby	R4642
BR Mk 1 Gangwayed Brake (BG)	BR maroon	Bachmann	39-176D
BR Mk 1 Gangwayed Brake (BG)	BR maroon	Hornby	R4625
BR Mk 1 General Utility Van (GUV)	BR blue	Bachmann	39-277
BR Mk 1 General Utility Van (GUV)	BR green	Bachmann	39-273
BR Mk 1 General Utility Van (GUV)	BR maroon	Bachmann	39-271D
BR Mk 1 Open Second (SO/TSO)	BR green	Bachmann	39-053E
BR Mk 1 Open Second (SO/TSO)	BR blue/grey	Bachmann	39-050F
BR Mk 1 Open Second (SO/TSO)	BR maroon	Bachmann	39-051J
BR Mk 1 Open Second (SO/TSO)	BR maroon	Hornby	R4701
BR Mk 1 Restaurant Buffet (RB)	BR blue/grey	Mainline	937113
BR Mk 1 Restaurant Buffet (RB)	BR green	Replica Railways	12101
BR Mk 1 Restaurant Miniature Buffet (RMB)	BR green	Bachmann	39-262B
BR Mk 1 Restaurant First Open (RFO)	BR green	Bachmann	39-253
BR Mk 1 Restaurant Car Unclassed (RU)	BR blue/grey	Bachmann	39-100B
BR Mk 1 64ft Suburban Second (S)	BR green	Replica Railways	12596B
BR Mk 2 Corridor First (FK)	BR blue/grey	Bachmann	39-330A
BR Mk 2 Corridor First (FK)	BR green	Bachmann	39-333A
Bulleid Corridor Composite (CK)	BR green	Bachmann	34-554A
Bulleid Corridor Second (SK)	BR green	Bachmann	34-529B
Bulleid Open Second (SO)	BR green	Bachmann	34-577B
Bulleid semi-open Corridor Brake Second (BSK)	BR green	Bachmann	34-504B
Gresley Buffet Car (RB)	BR maroon	Hornby	R4569
LMS Period III 50ft Gangwayed Brake (BG)	BR maroon	Bachmann	34-325B
LMS Period III 50ft Gangwayed Brake (BG)	BR maroon	Hornby	R4237A
LMS Period III 'Stove R'	BR maroon	Key Publishing	HM004B
Maunsell Corridor Brake Composite (BCK)	BR green	Hornby	R4320C
Maunsell Corridor Brake Second (BSK) *	BR green	Hornby	R4395B
Maunsell Corridor Brake Second (BSK) **	BR green	Hornby	R4305D
Maunsell Corridor Composite (CK)	BR green	Hornby	R4304E
Maunsell Corridor Second (SK)	BR green	Hornby	R4302D
Maunsell Second Open (SO)	BR green	Hornby	R4538A
Maunsell Pull/Push Train Pack (SO/DBCK)	BR green	Hornby	R4534D
Pullman K Type Kitchen First	Umber/cream	Hornby	R4428
Pullman K Type Kitchen Second	Umber/cream	Hornby	R4429
Pullman K Type Parlour Brake Second	Umber/cream	Hornby	R4487
Pullman K Type Parlour First	Umber/cream	Hornby	R4426
Pullman K Type Parlour Second	Umber/cream	Hornby	R4484
Pullman K Type Kitchen First <b>GA</b>	Umber/cream	Hornby	R4196
Pullman K Type Parlour First <b>GA</b>	Umber/cream	Hornby	R4196
SR Parcels and Miscellaneous Van (PMV)	BR green	Bachmann	39-530
Thompson 63ft Gangwayed Brake (BG)	BR maroon	Bachmann	34-654C

### Notes:

\*four-compartment

\*\*six-compartment

\*\*\*Invicta Model Rail limited edition

**GA** Golden Arrow



# TRAIN FORMATIONS



Drummond 'M7' 0-4-4T BR lined black, late crests (Hornby), Maunsell pull-push set (SO/DBCK) – BR green  
**DATE:** 1963 **SERVICE:** Three Bridges-East Grinstead **LOCATION:** Grange Road



2x 5-BEL five-car 'Brighton Belle' EMU Pullman umber and cream (Hornby)  
**DATE:** 1963 **SERVICE:** Victoria-Brighton **LOCATION:** East Croydon



Billinton 'E4' 0-6-2T BR black, late crests (Bachmann), five-plank open wagon, two 16ton steel mineral open wagons\*, BR 12ton vent van, BR 20ton brake van – BR bauxite except \*BR grey  
**DATE:** 1963 **SERVICE:** Pick-up goods **LOCATION:** Norwood Junction



Bulleid 'Q1' 0-6-0 BR black, late crests (Hornby), Maunsell SK, BCK – BR green  
**DATE:** 1964 **SERVICE:** Reading-Redhill **LOCATION:** Wanborough



Bulleid air-smoothed 'West Country' 4-6-2 BR lined green, late crests (Hornby), BR Mk 1 BG\*, Pullman Parlour Second, Parlour Kitchen Second, Parlour Second, Parlour First, Parlour Kitchen First, Parlour First, Parlour Kitchen First, Parlour Second, Parlour Brake Second - Pullman umber and cream except \*BR chocolate and cream  
**DATE:** 1964 **SERVICE:** 'Bournemouth Belle' **LOCATION:** Basingstoke



Ivatt '2MT' 2-6-2T BR lined black, late crests (Bachmann), Bulleid semi-open BSK, CK, semi-open BSK – BR green  
**DATE:** 1964 **SERVICE:** Horsham-Brighton **LOCATION:** Shoreham



BR Standard '4MT' 2-6-4T BR lined black, late crests (Bachmann), Maunsell CK, six-compartment BSK, four-compartment BSK, CK – BR green  
**DATE:** 1964 **SERVICE:** Tonbridge-Eastbourne **LOCATION:** Tonbridge



Maunsell 'N' 2-6-0 BR lined black, late crests (Bachmann), Bulleid CK\*, LMS 50ft BG, BR Mk 1 CCT, BR Mk 1 GUV, SR PMV\* – BR maroon except \*BR green  
**DATE:** 1965 **SERVICE:** Guildford-Woking vans **LOCATION:** Worplesdon



Maunsell 'S15' 4-6-0 BR black, late crests (Hornby), two Conflat A wagons with BD containers, BR 12ton vent van, Conflat A with BD container, LMS Stove R\*, BR 12ton vent van, three 14ton tank wagons\*\*, two 16ton steel mineral wagons\*\*\*, 13ton high sided steel open wagon, 16ton steel mineral open wagon\*\*\*,



Class 33/0 BR green (Heljan), two 13ton high sided steel open wagons\*, 18 35ton Class B tank wagons in Esso black, BR 20ton brake van\* – \*BR bauxite  
**DATE:** 1965 **SERVICE:** Bromford Bridge-Fawley **LOCATION:** Eastleigh





#### USEFUL LINKS

Bachmann	<a href="http://www.bachmann.co.uk">www.bachmann.co.uk</a>
Dapol	<a href="http://www.dapol.co.uk">www.dapol.co.uk</a>
DJ Models	<a href="http://www.djmodels.co.uk">www.djmodels.co.uk</a>
Heljan	<a href="http://www.heljan.dk">www.heljan.dk</a>
Hornby	<a href="http://www.hornby.com">www.hornby.com</a>
Invicta Model Rail	<a href="http://www.invictamodelrail.com">www.invictamodelrail.com</a>
Kernow Model Rail Centre	<a href="http://www.kernowmodelrailcentre.com">www.kernowmodelrailcentre.com</a>
Oxford Rail	<a href="http://www.oxfordrail.com">www.oxfordrail.com</a>
Replica Railways	<a href="http://www.replicarailways.co.uk">www.replicarailways.co.uk</a>



#### VEHICLE DESIGNATIONS

<b>BG</b>	Gangwayed Brake
<b>BCK</b>	Corridor Brake Composite
<b>BS</b>	Brake Second
<b>BSK</b>	Corridor Brake Second
<b>C</b>	Composite
<b>CCT</b>	Covered Carriage Truck
<b>CK</b>	Corridor Composite
<b>DBCK</b>	Driving Corridor Brake Composite
<b>FK</b>	Corridor First
<b>FO</b>	Open First
<b>GUV</b>	General Utility Van
<b>PMV</b>	Parcels and Miscellaneous Van
<b>RB</b>	Restaurant Buffet
<b>RFO</b>	Restaurant First Open
<b>RMB</b>	Restaurant Miniature Buffet
<b>RU</b>	Restaurant Car Unclassed
<b>RUO</b>	Restaurant Unclassed Open
<b>S</b>	Second
<b>SK</b>	Corridor Second
<b>SO</b>	Open Second
<b>TSO</b>	Tourist Open Second



13ton high sided steel mineral open wagon, two BR 12ton vent vans, 16ton steel mineral open wagon\*\*\*, three BR 12ton vent vans, SR 25ton Pill Box brake van – BR bauxite except \*BR maroon, \*\*Shell/BP black, \*\*\*BR grey **DATE:** 1965 **SERVICE:** Reading-Feltham freight **LOCATION:** Staines





# TRAIN FORMATIONS



Class 416 2-EPB EMU, BR green (Bachmann)  
**DATE:** 1965 **SERVICE:** Wimbledon-West Croydon **LOCATION:** West Croydon



Bulleid Rebuilt 'West Country' 4-6-2 BR lined green, late crests (Hornby),  
 BR Mk 1 SK, CK, CK\*, BSK, CK, BSK – BR green except \*BR blue and grey  
**DATE:** 1966 **SERVICE:** Weymouth-Waterloo **LOCATION:** Wareham



2-H 'Hampshire' two-car DEMU BR green, small yellow warning  
 panels (Kernow Model Rail Centre/Bachmann)  
**DATE:** 1966 **SERVICE:** Alton-Southampton **LOCATION:** Alresford



Bulleid Rebuilt 'Merchant Navy' 4-6-2 BR lined green, late crests (Hornby), BR Mk 1 SK\*,  
 Bulleid semi-open BSK, CK, BR Mk 1 BSK – BR green except \*BR blue and grey  
**DATE:** 1967 **SERVICE:** Waterloo-Weymouth **LOCATION:** Moreton



BR Standard 'SMT' 4-6-0 BR lined green, late crests (Bachmann) + Bulleid air-smoothed 'West Country' 4-6-2 BR lined green, late crests (Hornby)  
 Bulleid semi-open BSK\*, SO\*, BR Mk 1 SO, SO, RB, SO\*, SO, SO\*\*, Bulleid semi-open BSK\* - BR blue and grey except \*BR green and \*\*BR maroon  
**DATE:** 1967 **SERVICE:** RCTS railtour **LOCATION:** Clapham Junction



BR Class 71 electric BR green, small yellow warning panels (DJ Models/Hornby), BR Mk 1 GUV\*, BSK\*\*, SK\*\*\*, SK\*\*\*, SO\*\*, Pullman Kitchen First,  
 Parlour First, Parlour First, SR PMV\*\*\*, PMV\*\*\* - Pullman umber and cream 'Golden Arrow' except \*BR blue, \*\*BR blue and grey, \*\*\*BR green  
**DATE:** 1967 **SERVICE:** 'Golden Arrow' **LOCATION:** Shortlands



BR Class 73 electro-diesel BR blue, small yellow warning panel (Dapol), BR Mk 1 GUV\*,  
 SO, BR Mk 2 FK, BR Mk 1 SO, RB, CK, SO, SO, BSK – BR blue/grey except \*BR blue  
**DATE:** 1967 **SERVICE:** Newhaven-Victoria **LOCATION:** Salfords



2x 2-BIL EMU BR green, small yellow warning panels (Hornby)  
**DATE:** 1967 **SERVICE:** Waterloo-Portsmouth **LOCATION:** Witley



4-CEP EMU BR blue + 4-CEP EMU BR green, small yellow warning panels (Bachmann)  
**DATE:** 1967 **SERVICE:** Charing Cross-Dover **LOCATION:** Waterloo East



SR 'USA' 0-6-0T BR black, early crests + SR 'USA' 0-6-0T BR lined green, late crests (Bachmann/Bauer), Bulleid semi-open BSK, BR Mk  
 1 SO\*, BSK, RB\*\*, RUO\*\*, Bulleid SO, BR Mk 1 SO\*, Bulleid SO, semi-open BSK – BR green except \*BR maroon and \*\*BR blue and grey  
**DATE:** 1967 **SERVICE:** Hants Branch Lines Railtour **LOCATION:** Totton





SUITABLE 'OO' GAUGE FREIGHT ROLLING STOCK			
Type	Livery	Manufacturer	Cat No.
12ton BR fruit van	BR bauxite	Bachmann	38-181C
12ton GWR fruit van	BR bauxite	Bachmann	37-754C
12ton NE fruit van	BR bauxite	Bachmann	38-386
12ton BR vent van corrugated ends	BR bauxite	Bachmann	38-171C
12ton BR vent van planked ends	BR bauxite	Bachmann	38-161B
12ton BR vent van plywood ends	BR bauxite	Bachmann	38-170C
12ton SR vent van 2+2 planks	BR bauxite	Bachmann	38-082C
12ton SR vent van planked	BR bauxite	Bachmann	38-071B
12ton SR vent van plywood	BR bauxite	Bachmann	38-076B
13ton high-sided steel open	BR bauxite	Bachmann	38-326
14ton tank wagon	Shell/BP black	Bachmann	37-663
16ton steel mineral open wagon	BR grey	Bachmann	37-225G
20ton 'Grampus' ballast wagon	BR black	Dapol	4F060007
20ton 'Presflo' wagon	Tunnel Cement	Bachmann	38-260A
35ton Class A tank wagon	ESSO grey	Heljan	1152
35ton Class B tank wagon	ESSO black	Heljan	1103
BR 20ton brake van	BR bauxite	Bachmann	37-530
BR 20ton brake van	BR bauxite	Hornby	R6508
Conflat A wagon	BR bauxite	Bachmann	37-983
Conflat with A container	BR bauxite	Bachmann	37-961
Conflat with BD container	BR bauxite	Bachmann	37-951B
SR 25ton 'Pill box' brake van	BR bauxite	Bachmann	38-402A
Three-plank open wagon	BR bauxite	Bachmann	37-926A
Five-plank open wagon	BR grey	Bachmann	37-016C
Five-plank open wagon	BR bauxite	Hornby	R6395A
Six-plank open wagon	BR grey	Oxford Rail	OR76MW60026
Six-wheel milk tank United Creameries	Silver	Dapol	4F-03-1008
Six-wheel milk tank United Dairies	Silver	Hornby	R6379
Seven-plank open wagon	BR grey	Bachmann	37-081F





# KJB MODELS

A family-run business which provides an efficient, friendly and professional service dealing in pre-owned & ex-shop model railway stock.

**OUR NEW WEBSITE IS HERE**  
**[www.kjbmodels.co.uk](http://www.kjbmodels.co.uk)**

**WANTED N Gauge &  
OO Gauge Collections**

**Pre-Owned Model Railway  
Collections always Wanted.**

**Any Gauge Considered.**

**Top Prices Paid.**

**Tel No 07542 710005**  
**Email [enq@kjbmodels.co.uk](mailto:enq@kjbmodels.co.uk)**

**PayPal™**





**Great Central Railway (Nottingham) Model Rail Show 2017**

**General Admission + Railway**  
 £12.00 Adult, £6.00 Child  
 £30.00 Family

**Show Only Admission**  
 Adults £6.00, Children £3.00

**Saturday July 29th**  
 with Prototype HST 41001  
 &  
**Sunday July 30th**  
 with 8F - 8274 in steam  
 10:00 - 17:00  
 GCR(N)  
 Mere Way, Ruddington.  
 NG11 6JS

**Advance tickets and more information**  
**WWW.GCRN.CO.UK**  
 Find us on   
 @GcrNottingham






**THE SWINDON RAILWAY FESTIVAL**

**Sat 9 and Sun 10 September 2017**  
 10.00am - 5.00pm  
 At STEAM Museum

Enjoy the UK'S finest model railway layouts and many more attractions!

**Admission:** Adults: £12.00  
 Senior (Over 60): £9.00  
 Children (3-15 yrs): £8.00  
 Family tickets: £28.00 (2 adults, 1 child)  
 £32.00 (2 adults, 2 children)

**STEAM** Museum of the Great Western Railway  
 Fire Fly Avenue, Swindon SN2 2EY  
 www.steam-museum.org.uk

**PECO RAILWAY MODELLER**

**ASSOCIATION OF LARGER SCALE RAILWAY MODELLERS**





**THE INTERNATIONAL N GAUGE SHOW**

**THE SHOW FOR THE RAILWAY MODELLER**

**...totally N Gauge**

**Saturday 9th & Sunday 10th September 2017**  
 Saturday: 10am - 5pm  
 Sunday: 10am - 4pm  
 Last admission 1 hour before closing

**Warwickshire Exhibition Centre**  
 Fosse Way, Nr Leamington Spa, CV31 1XN  
 On the junction of the A425/B4455

**FREE PARKING**

**Supported by MODEL RAIL**

Over 30 layouts on show... Modern, Steam, American, and Continental ...the best of N Gauge.

**Meridienne Exhibitions LTD**  
 @MeridienneEx

See over 40 major manufacturers and specialist suppliers showcasing all the latest models and products in one place.

**BOOK YOUR TICKETS NOW**

ADMISSION PRICES	ONLINE TICKETS*	FULL PRICE TICKETS**
Adult	£10.00	£10.50
Senior Citizen	£9.00	£9.50
Child (5-14 yrs)	£4.50	£5.00

\* Tickets are available via our website at discounted prices.  
 \*\* Full price tickets are available on the day from the tickets office.  
 Please call SEE Tickets on 0871 3861118 if you would like to book a ticket by phone. Calls cost 13p per minute plus network extra's.

**FREE SHOW GUIDE**

**Exhibition Link Bus on Saturday 9th only** Please see our website for full details.

**GROUP DISCOUNTS: 10+ enter code GRP10 on website.**

**www.ngaugeshow.co.uk** Tel: 01926 614101

**Organised by Meridienne Exhibitions Ltd**

All information subject to change, correct at time of printing.










# **QUICKFIX** CANOPY

Using a combination of kits, components and scratchbuilding, **MIKE WILD** developed a canopy and building frontage to fill a void on Grosvenor Square.

Grosvenor Square's new canopy on Platform 1 fills its purpose perfectly.





**W**HEN WE 'FINISHED' Grosvenor Square for the Warley National Model Railway Exhibition in November 2016, it wasn't really finished and one of the primary jobs on the list was to create an additional canopy for Platform 1 right at the front of the layout. Following its debut, development of the layout wasn't so much of a priority, but in the run up to its second outing at the Great Central Railway Model Event we decided it was high time it got the missing building to complete the station structure list.

The basic plan had existed from the start. It was going to be a traditional pitched roof canopy on platform one with a low relief building frontage to the rear suggesting something like a parcels office. It would sit right at the very front edge of the layout and, hopefully, create some nice viewing angles too. The canopy kits were bought even before the Warley show, but time was against us then so they were packed into the spares box for another day. The chosen kits are Wills Station Canopies (Cat No. SS54) of which we had two to assemble to create a long enough length to suit the large station scene.

The kits are simple enough to put together, but only come with basic instructions so we have gone into more detail here on their construction and also listed the colours we used to create a Western Region style theme. Of course, you can paint them in whichever regional colours you prefer, as this type of canopy is highly versatile and not area specific. Moreover, canopies of

this style could be seen from the 1920s right through to the present day in some areas and at everything from a branch line terminus to a main line through station. Useful indeed.

The more interesting part of this project, in some respects, is creation of the building frontage at the rear of the canopy. This was planned right from the start of the layout's development and readers of *Yearbook No. 9* may well have spotted the suggestion of a canopy in one of the photographs as we borrowed a building from St Stephens Road temporarily. However, it wasn't strong enough to be placed on the layout at Warley owing to its location.

The new building frontage is very simple. It's a strip of 2mm thick plasticard cut to the height of the columns of the canopy and with a series of holes cut into it to accept Wills doors and windows from pack SS42. The brick finish is made with the brilliant Redutex self adhesive pre-coloured brick sheets which are a real boon to structure modellers who don't like painting bricks – that includes me! It's simple, quick and impressively effective.

A few coats of paint in the right areas and some Western Region style period signage finish off the building which was completed start to finish within a day and a half (including drying times) and it has finished off the station area perfectly. The ultra-low relief style of the building frontage looks just as we hoped it would and now, topped off with platform furniture and spear fencing, Grosvenor Square is another step further towards the finishing line. *John*

## STEP BY STEP

Intermediate  
Beginner SKILL LEVEL Advanced

## BUILDING A CANOPY AND LOW RELIEF BUILDING FRONT

1



The starting point for the project: a Wills station canopy kit, an Albion Alloys sanding board, a craft knife with a fresh blade and Deluxe Materials Plastic Magic cement.

2



The first step is to remove the roof panels from their sprues using a sharp craft knife. Take care to ensure you don't damage the parts and clean up any flash afterwards.

3



The roof supports are cut from their sprues next and bonded to one half of each roof section with Plastic Magic cement. Let these harden first before joining the other half of the roof to the supports.

4



The first of the end panels is attached next using the same adhesive.

## WHAT WE USED

Product	Manufacturer	Cat No.
Station canopy	Wills	SS54
Doors and windows	Wills	SS42
Weathered brick	Redutex	076LD122
Western Region signs	Trackside Signs	TSVS0042
Pullman cream	Humbrol	RC416
Brick red	Humbrol	70
Roof Dirt	Lifecolor	UA722



## STEP BY STEP BUILDING A CANOPY AND LOW RELIEF BUILDING FRONT



**5** The second half of the roof can now be bonded to the supports and end panels. The gap at the top is filled with capping strip from the kit.



**6** Joining strips are included to link the roof sections together to form a longer canopy. Each kit contains two roof panels, but it can be built as long as you require using these jointing sections.



**7** In true Blue Peter style, here's one we made earlier – these are the two kits roofs assembled ready to be joined together to form one long roof.



**8** The joining strips are used in the same fashion as before to join the two kits together prior to the rest of the valance being added to the left-hand section.



**9** The void at the centre of the roof is filled with the capping section which sits neatly between the two roof panel halves. Plastic Magic seals it in place.



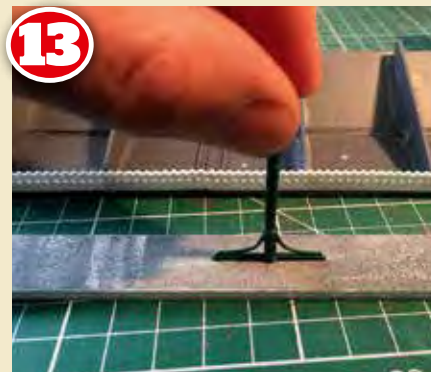
**10** The supporting columns come as a kit of three parts: the top brace, a three-quarter length half-round and a full height half-round. Cut them from the sprue and clean up the bases ready for assembly.



**11** The two half round sections are joined together with Plastic Magic so that the mouldings line up.



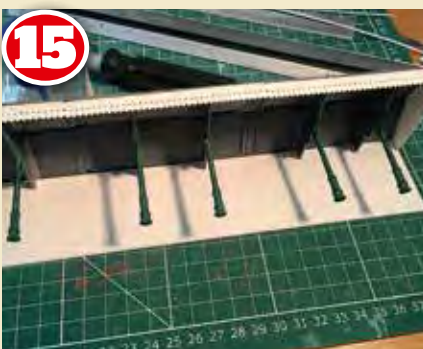
**12** The top brace can then be added to the black area on the three-quarter height half of the column completing their assembly.



**13** Each column top is rubbed along a sanding board to give them a consistent top edge prior to being glued to the roof supports with Plastic Magic.



**14** Construction of the canopy is now complete, but in this case we have left the rear valancing off to accommodate the building frontage, which will be made next.

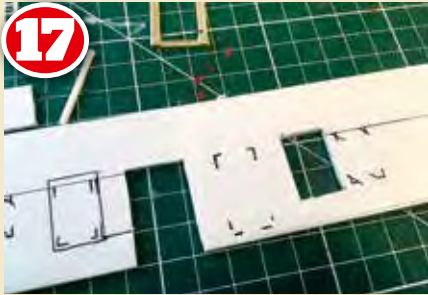


**15** The building frontage starts as a plain white section of 2mm thick plasticard cut to the correct height to match the columns. Here you can see the lack of rear valancing on the canopy as the new building will take its place.



**16** Window and door frames are removed from the Wills sprues and positioned on the plasticard to gauge how many will be required and where they will be located. We subsequently relocated the doorway to be central to the canopy.





**17** Window and door openings are marked onto the plastic and then cut out carefully with a craft knife and steel rule – the openings being large enough to accept the internal window frame sizes. Take your time with this, as multiple cuts will be required to work through this thickness of plasticard.



**18** With all the window openings cut out, we can now move on to adding the brick finish. The Redutex sheets are self-adhesive, pre-coloured and embossed – and are very effective once applied.



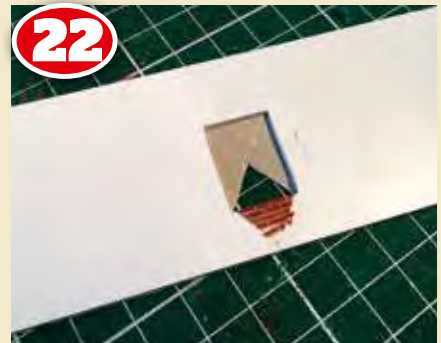
**19** A strip of Redutex, slightly larger than the depth of the building, is cut and the backing removed ready for it to be laid onto the plasticard base.



**20** Lay the Redutex over all of the openings, ensuring that it goes on straight and without any bubbles or creases. It can be lifted and replaced once if it hasn't been pressed down fully should you need to reposition it.



**21** Excess material from the outer edges can be trimmed away with a sharp craft knife to give a neat finish to the brickwork.



**22** To create neat window apertures, cut an 'X' into the rear of the Redutex at each window opening and then wrap the resulting triangles over the plastic base.



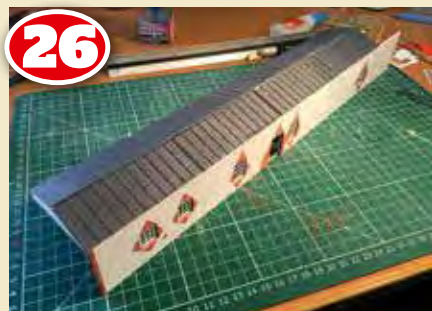
**23** The result is a very neat window aperture ready to accept the Wills window and door mouldings.



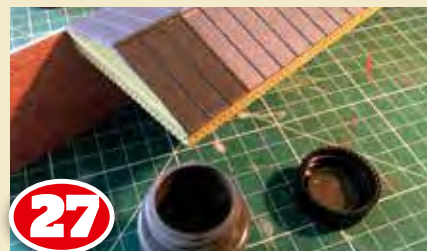
**24** The Wills window and door sections are made up of two components each – an outer stone style opening and the inner white coloured window frame. These are glued together with Plastic Magic and then fixed to the building with superglue. We opted to leave the door opening empty so that viewers can look through it when the layout is on show.



**25** Period signs and posters from Trackside Signs' Western Region Platform Signs pack (TSVS0042) are applied next to bring a little colour and detail to the brick facing.

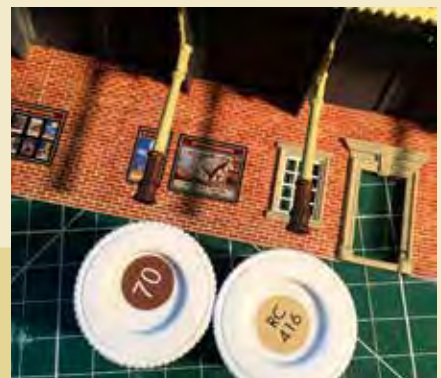


**26** Once the building front is complete, it can be glued to the rear of the canopy, again using Plastic Magic to secure it in place. Set the building aside at this point to allow the glue to cure fully before moving on to painting. The bare white rear will be covered with a layer of grey coloured card to match the layout fascia panels.



**27** Three colours of paint are required: Lifecolor Roof Dirt (UA722) is the first to go on for the roof...

**28** Right... while we finish the model, Humbrol Pullman cream (RC416) is used for the valance and upper parts of the columns while Humbrol brick red (70) is used for the low parts of the columns. The building is now ready to be added to Grosvenor Square.



## USEFUL LINKS

Wills	<a href="http://www.peco-uk.com">www.peco-uk.com</a>
Redutex	<a href="http://www.dccsupplies.com">www.dccsupplies.com</a>
Trackside Signs	<a href="http://www.tracksidesigns.co.uk">www.tracksidesigns.co.uk</a>
Humbrol	<a href="http://www.humbrol.com">www.humbrol.com</a>
Lifecolor	<a href="http://www.airbrushes.com">www.airbrushes.com</a>
Albion Alloys	<a href="http://www.albionhobbies.com">www.albionhobbies.com</a>
Deluxe Materials	<a href="http://www.gaugemaster.com">www.gaugemaster.com</a>



## Missing 'Moguls' and 'Prairies'

**T**HE TABLE comparing different wheel arrangements by class and the volume of locomotives produced (HM120) has two omissions - the 2-6-0 and 2-6-2 wheel

arrangements which were the backbone of many freight operations and suburban passenger trains. They include many popular locomotives such as the Hughes 'Crab', Gresley's 'K2', Churchward's '43XX'

class and more and were produced in roughly similar amounts to 4-6-0s and 4-4-0s. I have extended the table to cover them which I hope will be useful.

*Daniel Emery, Tyne and Wear*

LOCOMOTIVE CLASSES, 1924 AND 1948

	4-4-0 classes	4-4-0 total	4-6-0 classes	4-6-0 total	4-6-2 classes	4-6-2 total	2-6-0 classes	2-6-0 total	2-6-2 classes	2-6-2 total
GWR 1924	16	437	3	150	1	1	2	402	2	65
GWR 1948	2	36	9	735	0	0	2	246	2	356
SR 1924	31	695	7	72	0	0	1	80	0	0
SR 1948	16	332	6	173	2	150	3	136	0	0
LMS 1924	42	947	15	590	0	0	0	0	0	0
LMS 1948	10	616	6	1,163	2	51	3	288	3	219
LNOR 1924	48	990	21	267	2	17	3	85	0	0
LNOR 1948	18	446	7	586	4	173	5	274	4	270



MAIL FROM THE...

**HORNBY**

**FORUM**

## HORNBY'S FUTURE

Read more at: [www.hornby.com/uk-en/forum/hornbys-future/](http://www.hornby.com/uk-en/forum/hornbys-future/)

I am sure I am not the only Hornby modeller concerned for the future direction of Hornby. The brand has come so far from the Triang/Hornby Dublo days and it would be a shame to lose this momentum. There is an enormous fund of goodwill out there, particularly from the older generation, who still have the means to pay for a good quality locomotive. Good luck Hornby - we are rooting for you!  
*Hornby forum user RoacislandRay*

### In response:

■ My only worry is that people might not know of Hornby's existence in a few years. With the concessions gone there are no high street shops selling the

brand which will reduce public exposure especially around Christmas when the toy departments are full of kids.

As to dual branding, I think it is a good idea to have separate highly detailed and budget ranges. However, I am not sure on the naming. Initially when I saw 'Railroad' my instant thought was that they were expanding into a US range.

However, of more concern is the incompatibility of couplings not only across the range but within the same train pack or set.

*Hornby forum user 81F*

■ It will be interesting to see things develop. The future is never certain and should not be assumed. I can remember

back in the 1960s when the Meccano empire seemed unassailable with Meccano, Hornby Dublo and Dinky marking most of what we played with in our childhood. Then all of a sudden it was bought up by Tri-ang who I regarded (apologies to Tri-ang fans - I was only around 10) as cheap plastic toys compared to die-cast Hornby Dublo product range. How on earth could the underdog take over the all ruling empire that I loved?

As an adult now I realise things are not always as straightforward as you think. However, it is an example of how unless you innovate and move forward you will not last and that even the market leader is not invulnerable.

*Hornby forum user Castle-Man*



## Some points on the Class 71

I was very interested in your review, as I too have experience of both the DJ and the Hornby Class 71.

I ordered and paid for the DJ version when it was announced some three years ago. When it arrived, I was initially quite impressed with its appearance - I especially like the facility to insert the reporting numbers behind the glazing.

However, I was hugely disappointed with its performance. After running-in in both directions for 30 minutes, it is incapable of exceeding a scale 60mph,

and the mechanism doesn't sound smooth. I discussed this with the model shop where I bought it, where I am a regular customer and they tested another one from their stock with the same result. The DJ Class 71 is even slower than my Bachmann Class 37s, which are not renowned for their speed.

So disappointed was I that I have already sold the model, and bought a Hornby equivalent. To me this is a much better model, and it performs beautifully.

*Roger Todd, by e-mail.*



## Quick notes

■ I fully agree with the e-mail from Stephen Chandler regarding Hornby updating its ready-made signals, and it would be a bonus if it increased the range. All I need are reasonably priced ready to plant signals as I don't need electrically operated ones, and don't have the dexterity to make up kits.

*Vic Creasey, by e-mail.*

■ With regard to scale speeds (HM121, Hornby Forum letters) of trains, there is no need for complex arithmetic to obtain model speeds. 60mph is the same as 88ft per second, which effectively means one and a half Mk 1 coach lengths per second, and that is a valid amount for all scales from T-scale to full size.

*Dr Stephen Bastow, Rugby.*

## HM frees the model people!

Unfortunately, I had made my first start in populating my layout before the article in *Hornby Magazine* showed how it should be done.

It said, for example, that one shouldn't have a man with a pick axe perpetually frozen in mid-swing, and that one should have him leaning on the handle watching the scene. I had a chap in a small trackside garden literally glued to his wheelbarrow, leaning forward in a pushing pose, again frozen in time. After reading the article I freed him from his barrow and he now leans back against his shed watching his bonfire smoulder (a Seuthe smoking chimney



set into the baseboard). What a difference this comparatively small change has made to realism. Thank you again *Hornby Magazine*.

*Mike Shepherd, by e-mail.*

# KADEES VS SMALL TENSION LOCKS

Read more at: [www.hornby.com/uk-en/forum/kadees-vs-nem-small-tension-lock/](http://www.hornby.com/uk-en/forum/kadees-vs-nem-small-tension-lock/)

How do readers feel about using Kadee couplings versus small tension locks? I thought it would be interesting to see the results of this. The obvious answer would probably be the Kadee, but tension locks are cheaper, as is the case with the uncoupling ramps/magnets. Small tension locks are also a simple coupling with basically two components - the hook and the bar - but Kadees have more components and the uncoupling magnets are more complicated to fit to your baseboard.

*Hornby forum user Colonel Leon*

**In response:**

■ I use small tension locks on all of my stock. I have seriously considered converting to Kadee and am still thinking about it, but are they worth all

the money? Lot of stock, means buying and changing lots of couplings.

*Hornby forum user walkingthedog*

■ After converting all my stock to Kadees and giving it a go, I converted back to the small tension locks. Neither is really better than the other. Just a matter of personal preference.

*Hornby forum user WilliamDavid*

■ Kadees just look so much better. I don't use the magnets to uncouple though, preferring to uncouple with a toothpick.

*Hornby forum user Fireman\_Ian*

■ I have just converted to Kadee couplings and I have not looked back. They offer

good close coupling, look more realistic, I've experienced fewer derailments with shunting/reversing movements. Plus they are easy to fit in NEM pockets. Magnets work well for uncoupling - I bought the special pliers to bend the hooks, which has been a good move, rather than perform surgery on the plastic sleepers to get the right height.

I cannot see any negatives, apart from getting rid of some old non-NEM stock. I should have a go at fitting the entire NEM pocket to some myself.

*Hornby forum user john\_doman*

● See more online at the Hornby Forum and the Engine Shed blog.







9006 Metropolitan BoBo Electric 6 'William Penn' Metropolitan	£118.99	R476 Class 153 Single Car DMU Set No. 153 327 Arma Trains	£29.99	R4756 Railroad Pullman Parlor Coach "Phoenix"	£20.99	20-004-008 Class 56 No. 56 056, Trainload Construction	£113.99
9007 Metropolitan BoBo Electric 6 'William Penn' Metropolitan	£118.99	R477 Class 153 Single Car DMU Set No. 153 321 Regional Railways	£29.99	R4758 GWR Collect Corridor 3rd Class Coach No. 5098 GWR	£38.99	20-007-002 Class 66 Diesel 66 504 Freightliner Powerhaul	£89.99
9008 Metropolitan BoBo 12 'Sarah Siddons' London Transport	£118.99	R478 Class 43 HST Pack First Great Western	£149.99	R4759 GWR Collect Corridor Brake 3rd LH Coach No. 5089 GWR	£38.99	20-007-003 Class 66 Diesel 66 517 EWS with white roof	£89.99
9009 Metropolitan BoBo 12 'Sarah Siddons' London Transport	£118.99	R479 Class 60 Diesel Loco No. 60 066 Drax	£119.99	R4760 GWR Collect Corridor Brake 3rd LH Coach No. 5090 GWR	£38.99	20-007-004 Class 66 Diesel 66 612 Forth Rail	£89.99
K4101 Dogfish BR Black, weathered, Pack of 4	£99.99	R480 Class 92 Electric 92 016 'Brambles' Railfairlight Distribution	£49.99	R4761 GWR Collect Corridor Composite LH Coach No. 5630 GWR	£38.99	20-009-000 Class 121 Bubble Car DMU No. W55022 BR	£113.99
K4102 Dogfish BR Olive, weathered, Pack of 4	£99.99	R481 Class 67 Diesel No. 67 025 'Western Star' EWS	£137.99	R4762 GWR Collect Corridor Composite LH Coach No. 5631 GWR	£38.99	20-009-001 Class 121 Bubble Car DMU No. W55023 BR	£113.99
K4103 Dogfish BR Civil Engineers, weathered, Pack of 4	£99.99	R482 Sentinel 4H Diesel Locomotive No. D116 MSC	£56.99	R4763 GWR Collect Corridor Composite LH Coach No. 5632 GWR	£38.99	20-009-002 Class 121 Bubble Car DMU No. W55024 BR	£113.99
<b>HORNBY OO STEAM LOCOMOTIVES</b>				R4764 GWR Collect Corridor Composite LH Coach No. 5633 GWR	£38.99	20-009-003 Class 121 Bubble Car DMU No. W55025 BR	£113.99
R1169 Tornado Pullman Express Train Pack	£29.99	R483 Sentinel Diesel Locomotive Crossley and Evans	£56.99	R4765 GWR Collect Corridor Composite LH Coach No. 5634 GWR	£38.99	20-009-004 Class 121 Bubble Car DMU No. W55026 BR	£113.99
R1172 The Maestric Train Set with Digital Link System	£299.99	R484 Class 68 No. 68 105 'DR' 'London Gateway' DB	£84.99	R4766 GWR Collect Corridor Composite LH Coach No. 5635 GWR	£38.99	20-009-005 Class 121 Bubble Car DMU No. W55027 BR	£113.99
R1177 Gloucester City Pullman Express Train Set	£299.99	R485 Class 66 No. 66 001 'James Nightingale' GCE EWS	£84.99	R4767 GWR Collect Corridor Composite LH Coach No. 5636 GWR	£38.99	20-009-006 Class 121 Bubble Car DMU No. W55028 BR	£113.99
R1183 Master of the Giants Train Set	£169.99	R486 Railroad Diesel Freight Train Pack	£47.49	R4768 GWR Collect Corridor Composite LH Coach No. 5637 GWR	£38.99	20-009-007 Class 121 Bubble Car DMU No. W55029 BR	£113.99
R2670 Railroad GWR Steam Freight Train Pack	£54.99	R487 Railroad GWR Freight Train Pack	£47.49	R4769 GWR Collect Corridor Composite LH Coach No. 5638 GWR	£38.99	20-009-008 Class 121 Bubble Car DMU No. W55030 BR	£113.99
R3004 Class B1 6163 'Sawley' BR Green E/E, weathered	£99.99	R488 Railroad GWR Freight Train Pack	£47.49	R4770 GWR Collect Corridor Composite LH Coach No. 5639 GWR	£38.99	20-009-009 Class 121 Bubble Car DMU No. W55031 BR	£113.99
R3010 King Arthur N15 Class 771 'Sir Sagamore'	£99.99	R489 Railroad Class 08 Diesel 08 673 'Piccadilly' InterCity	£38.99	R4771 GWR Collect Corridor Composite LH Coach No. 5640 GWR	£38.99	20-009-010 Class 121 Bubble Car DMU No. W55032 BR	£113.99
R3060 A1 No. 60163 Tornado BR Green	£59.99	R490 Railroad Class 42 Warship Diesel Loco No. D605	£47.99	R4772 GWR Collect Corridor Composite LH Coach No. 5641 GWR	£38.99	20-009-011 Class 121 Bubble Car DMU No. W55033 BR	£113.99
R3064 Railroad 0-4-0 No. 56025 'Smoking Joe' BR Black	£29.99	R491 Railroad 4900 Hall Class No. 6947 BR Green L/C	£79.99	R4773 GWR Collect Corridor Composite LH Coach No. 5642 GWR	£38.99	20-009-012 Class 121 Bubble Car DMU No. W55034 BR	£113.99
R3086 Railroad Class A1 No. 4472 'Flying Scotsman' LNER GM	£29.99	<b>HORNBY DCC SOUND OO LOCOMOTIVES</b>		R4774 GWR Collect Corridor Composite LH Coach No. 5643 GWR	£38.99	20-009-013 Class 121 Bubble Car DMU No. W55035 BR	£113.99
R3115 West Country Class 34001 'Exeter' BR Green E/E	£119.99	R3834TTS Castle Class 5050 'Earl of St Germans' BR, NEW	£169.99	R4775 GWR Collect Corridor Composite LH Coach No. 5644 GWR	£38.99	20-009-014 Class 121 Bubble Car DMU No. W55036 BR	£113.99
R3173 Railroad A4 No. 4468 'Mallard' LNER Garter Blue	£79.99	R3835TTS 6000 King Class 6006 'King George' TTS Sound	£179.99	R4776 GWR Collect Corridor Composite LH Coach No. 5645 GWR	£38.99	20-009-015 Class 121 Bubble Car DMU No. W55037 BR	£113.99
R3187 Class N2 No. 1744 LNER - NRM Special Edition	£89.99	R3836TTS 67 Diesel No. 67 004 'Calm Gorm' TTS Sound	£161.99	R4777 GWR Collect Corridor Composite LH Coach No. 5646 GWR	£38.99	20-009-016 Class 121 Bubble Car DMU No. W55038 BR	£113.99
R3204 Class 2-6-2 P2X Class No. 7215 BR Black	£129.99	R3837TTS Railroad Class 40 Diesel No. 40 164 BR Blue	£85.99	R4778 GWR Collect Corridor Composite LH Coach No. 5647 GWR	£38.99	20-009-017 Class 121 Bubble Car DMU No. W55039 BR	£113.99
R3224 Star Class No. 65441 'Barnsley' BR Green E/E	£134.99	R3838TTS Railroad R1D Class 47 47 033 'Railfairlight' Distribution	£85.99	R4779 GWR Collect Corridor Composite LH Coach No. 5648 GWR	£38.99	20-009-018 Class 121 Bubble Car DMU No. W55040 BR	£113.99
R3232 Class J15 No. 65445 'BR Black L/C	£134.99	R3839TTS Railroad A4 Class Steam No. 4468 'Mallard' LNER	£113.99	R4780 GWR Collect Corridor Composite LH Coach No. 5649 GWR	£38.99	20-009-019 Class 121 Bubble Car DMU No. W55041 BR	£113.99
R3236 Class D16 3 No. 2524 BRITISH RAILWAYS	£85.99	R3840TTS Railroad 2P Class No. 40626 'BR Black E/E	£132.99	R4781 GWR Collect Corridor Composite LH Coach No. 5650 GWR	£38.99	20-009-020 Class 121 Bubble Car DMU No. W55042 BR	£113.99
R3239 Class 700 0-6-0 No. 30693 BR Black E/C	£69.99	R4813 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4782 GWR Collect Corridor Composite LH Coach No. 5651 GWR	£38.99	20-009-021 Class 121 Bubble Car DMU No. W55043 BR	£113.99
R3240 Class 700 0-6-0 No. 30693 BR Black E/C	£69.99	R4824 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4783 GWR Collect Corridor Composite LH Coach No. 5652 GWR	£38.99	20-009-022 Class 121 Bubble Car DMU No. W55044 BR	£113.99
R3243 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4835 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4784 GWR Collect Corridor Composite LH Coach No. 5653 GWR	£38.99	20-009-023 Class 121 Bubble Car DMU No. W55045 BR	£113.99
R3244 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4846 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4785 GWR Collect Corridor Composite LH Coach No. 5654 GWR	£38.99	20-009-024 Class 121 Bubble Car DMU No. W55046 BR	£113.99
R3245 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4857 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4786 GWR Collect Corridor Composite LH Coach No. 5655 GWR	£38.99	20-009-025 Class 121 Bubble Car DMU No. W55047 BR	£113.99
R3246 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4868 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4787 GWR Collect Corridor Composite LH Coach No. 5656 GWR	£38.99	20-009-026 Class 121 Bubble Car DMU No. W55048 BR	£113.99
R3247 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4879 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4788 GWR Collect Corridor Composite LH Coach No. 5657 GWR	£38.99	20-009-027 Class 121 Bubble Car DMU No. W55049 BR	£113.99
R3248 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4890 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4789 GWR Collect Corridor Composite LH Coach No. 5658 GWR	£38.99	20-009-028 Class 121 Bubble Car DMU No. W55050 BR	£113.99
R3249 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4901 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4790 GWR Collect Corridor Composite LH Coach No. 5659 GWR	£38.99	20-009-029 Class 121 Bubble Car DMU No. W55051 BR	£113.99
R3250 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4912 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4791 GWR Collect Corridor Composite LH Coach No. 5660 GWR	£38.99	20-009-030 Class 121 Bubble Car DMU No. W55052 BR	£113.99
R3251 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4923 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4792 GWR Collect Corridor Composite LH Coach No. 5661 GWR	£38.99	20-009-031 Class 121 Bubble Car DMU No. W55053 BR	£113.99
R3252 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4934 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4793 GWR Collect Corridor Composite LH Coach No. 5662 GWR	£38.99	20-009-032 Class 121 Bubble Car DMU No. W55054 BR	£113.99
R3253 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4945 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4794 GWR Collect Corridor Composite LH Coach No. 5663 GWR	£38.99	20-009-033 Class 121 Bubble Car DMU No. W55055 BR	£113.99
R3254 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4956 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4795 GWR Collect Corridor Composite LH Coach No. 5664 GWR	£38.99	20-009-034 Class 121 Bubble Car DMU No. W55056 BR	£113.99
R3255 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4967 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4796 GWR Collect Corridor Composite LH Coach No. 5665 GWR	£38.99	20-009-035 Class 121 Bubble Car DMU No. W55057 BR	£113.99
R3256 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4978 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4797 GWR Collect Corridor Composite LH Coach No. 5666 GWR	£38.99	20-009-036 Class 121 Bubble Car DMU No. W55058 BR	£113.99
R3257 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4989 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4798 GWR Collect Corridor Composite LH Coach No. 5667 GWR	£38.99	20-009-037 Class 121 Bubble Car DMU No. W55059 BR	£113.99
R3258 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R4990 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4799 GWR Collect Corridor Composite LH Coach No. 5668 GWR	£38.99	20-009-038 Class 121 Bubble Car DMU No. W55060 BR	£113.99
R3259 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5001 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4800 GWR Collect Corridor Composite LH Coach No. 5669 GWR	£38.99	20-009-039 Class 121 Bubble Car DMU No. W55061 BR	£113.99
R3260 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5012 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4801 GWR Collect Corridor Composite LH Coach No. 5670 GWR	£38.99	20-009-040 Class 121 Bubble Car DMU No. W55062 BR	£113.99
R3261 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5023 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4802 GWR Collect Corridor Composite LH Coach No. 5671 GWR	£38.99	20-009-041 Class 121 Bubble Car DMU No. W55063 BR	£113.99
R3262 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5034 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4803 GWR Collect Corridor Composite LH Coach No. 5672 GWR	£38.99	20-009-042 Class 121 Bubble Car DMU No. W55064 BR	£113.99
R3263 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5045 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4804 GWR Collect Corridor Composite LH Coach No. 5673 GWR	£38.99	20-009-043 Class 121 Bubble Car DMU No. W55065 BR	£113.99
R3264 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5056 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4805 GWR Collect Corridor Composite LH Coach No. 5674 GWR	£38.99	20-009-044 Class 121 Bubble Car DMU No. W55066 BR	£113.99
R3265 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5067 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4806 GWR Collect Corridor Composite LH Coach No. 5675 GWR	£38.99	20-009-045 Class 121 Bubble Car DMU No. W55067 BR	£113.99
R3266 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5078 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4807 GWR Collect Corridor Composite LH Coach No. 5676 GWR	£38.99	20-009-046 Class 121 Bubble Car DMU No. W55068 BR	£113.99
R3267 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5089 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4808 GWR Collect Corridor Composite LH Coach No. 5677 GWR	£38.99	20-009-047 Class 121 Bubble Car DMU No. W55069 BR	£113.99
R3268 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5090 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4809 GWR Collect Corridor Composite LH Coach No. 5678 GWR	£38.99	20-009-048 Class 121 Bubble Car DMU No. W55070 BR	£113.99
R3269 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5101 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4810 GWR Collect Corridor Composite LH Coach No. 5679 GWR	£38.99	20-009-049 Class 121 Bubble Car DMU No. W55071 BR	£113.99
R3270 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5112 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4811 GWR Collect Corridor Composite LH Coach No. 5680 GWR	£38.99	20-009-050 Class 121 Bubble Car DMU No. W55072 BR	£113.99
R3271 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5123 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4812 GWR Collect Corridor Composite LH Coach No. 5681 GWR	£38.99	20-009-051 Class 121 Bubble Car DMU No. W55073 BR	£113.99
R3272 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5134 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4813 GWR Collect Corridor Composite LH Coach No. 5682 GWR	£38.99	20-009-052 Class 121 Bubble Car DMU No. W55074 BR	£113.99
R3273 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5145 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4814 GWR Collect Corridor Composite LH Coach No. 5683 GWR	£38.99	20-009-053 Class 121 Bubble Car DMU No. W55075 BR	£113.99
R3274 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5156 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4815 GWR Collect Corridor Composite LH Coach No. 5684 GWR	£38.99	20-009-054 Class 121 Bubble Car DMU No. W55076 BR	£113.99
R3275 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5167 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4816 GWR Collect Corridor Composite LH Coach No. 5685 GWR	£38.99	20-009-055 Class 121 Bubble Car DMU No. W55077 BR	£113.99
R3276 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5178 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4817 GWR Collect Corridor Composite LH Coach No. 5686 GWR	£38.99	20-009-056 Class 121 Bubble Car DMU No. W55078 BR	£113.99
R3277 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5189 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4818 GWR Collect Corridor Composite LH Coach No. 5687 GWR	£38.99	20-009-057 Class 121 Bubble Car DMU No. W55079 BR	£113.99
R3278 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5190 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4819 GWR Collect Corridor Composite LH Coach No. 5688 GWR	£38.99	20-009-058 Class 121 Bubble Car DMU No. W55080 BR	£113.99
R3279 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5201 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4820 GWR Collect Corridor Composite LH Coach No. 5689 GWR	£38.99	20-009-059 Class 121 Bubble Car DMU No. W55081 BR	£113.99
R3280 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5212 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4821 GWR Collect Corridor Composite LH Coach No. 5690 GWR	£38.99	20-009-060 Class 121 Bubble Car DMU No. W55082 BR	£113.99
R3281 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5223 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4822 GWR Collect Corridor Composite LH Coach No. 5691 GWR	£38.99	20-009-061 Class 121 Bubble Car DMU No. W55083 BR	£113.99
R3282 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5234 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4823 GWR Collect Corridor Composite LH Coach No. 5692 GWR	£38.99	20-009-062 Class 121 Bubble Car DMU No. W55084 BR	£113.99
R3283 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5245 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4824 GWR Collect Corridor Composite LH Coach No. 5693 GWR	£38.99	20-009-063 Class 121 Bubble Car DMU No. W55085 BR	£113.99
R3284 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5256 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4825 GWR Collect Corridor Composite LH Coach No. 5694 GWR	£38.99	20-009-064 Class 121 Bubble Car DMU No. W55086 BR	£113.99
R3285 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5267 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4826 GWR Collect Corridor Composite LH Coach No. 5695 GWR	£38.99	20-009-065 Class 121 Bubble Car DMU No. W55087 BR	£113.99
R3286 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5278 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4827 GWR Collect Corridor Composite LH Coach No. 5696 GWR	£38.99	20-009-066 Class 121 Bubble Car DMU No. W55088 BR	£113.99
R3287 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5289 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4828 GWR Collect Corridor Composite LH Coach No. 5697 GWR	£38.99	20-009-067 Class 121 Bubble Car DMU No. W55089 BR	£113.99
R3288 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5290 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4829 GWR Collect Corridor Composite LH Coach No. 5698 GWR	£38.99	20-009-068 Class 121 Bubble Car DMU No. W55090 BR	£113.99
R3289 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5301 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4830 GWR Collect Corridor Composite LH Coach No. 5699 GWR	£38.99	20-009-069 Class 121 Bubble Car DMU No. W55091 BR	£113.99
R3290 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5312 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4831 GWR Collect Corridor Composite LH Coach No. 5700 GWR	£38.99	20-009-070 Class 121 Bubble Car DMU No. W55092 BR	£113.99
R3291 Class K1 No. 62064 'BR Lined Black L/C	£79.99	R5323 LMS 68H Dining/Restaurant Car No. M232M BR	£39.99	R4832 GWR Collect Corridor Composite LH Coach No. 5701 GWR	£38.99	20-009-071 Class 121 Bubble Car DMU No. W55093 BR	£113.99
R3292 Class K1 No. 6							



# Westbridge

**SOUTHERN  
END OF STEAM  
50<sup>th</sup>  
ANNIVERSARY**

**JEREMY EVERETT'S** fictional layout encompasses the changing railway scene of the Southern Region in the early 1960s. In this imagined account, he looks at the workings at this busy 'O' gauge terminus station and goods yard.

PHOTOGRAPHY, MIKE WILD



A Drummond 'M7'  
0-4-4T leads a

Maunsell push-pull set towards  
the station at Westbridge while  
the new Class 07 undergoes  
trials in the yard.





**T**HE STRATEGIC importance of Southampton as a major United Kingdom port has never been in doubt. Together with London and Liverpool, the three ports

have dominated British shipping needs for at least 100 years. Built on a promontory between the mouths of the rivers Test and Itchen in Hampshire, it has been ideally placed to receive even the largest liners crossing the Atlantic. This luxury form of travel is, in the 1960s, now under threat from the modern alternative offered by the new jet airliners allowing direct access to London principally from the brand-new Pan American Boeing 707s.

The number of large and small businesses has grown rapidly on the west bank of the River Itchen where several wharf facilities have become available over the years. Small inlet berths offer

safe anchorage to coastal craft moving various goods and materials along the south coast. In addition, the London & South Western Railway built a goods only line with a single connection to the main line just north of the main docks. This enabled goods traffic from the Itchen wharfs to be integrated with the main dock traffic for onward nationwide movement. As the volume of wharf traffic grew, complete goods trains could be assembled from the wharfs alone and the Southern Railway opened a second junction with the main line further north.

A chemical company called EBA Chemicals Ltd uses both the rail network and coastal craft to move fertilisers and also other more volatile chemicals. Rail access to the factory site has been available since the late 19th century and other small local businesses were also encouraged to use the goods yard in the area known

as Westbridge which developed from the original goods branch line.

Severely damaged during bombing raids in the Second World War, many of the small businesses never recommenced trading after 1945 and the backs of their small units, backing onto the goods yard, remain derelict even after 20 years. EBA, however, continues to use the yard and it will be noticed that many barrier wagons are in use when shunting to reduce the risk from inflammable chemicals being sent over the rail network. A growing local commuter need to access the city also encouraged the Southern Railway to build a small station at Westbridge, this coinciding with the second access to the main line. The short platform at the station has since been extended to accommodate three-coach trains and to commence a limited regular timetable passenger service to the city. »





## SUMMER OF '62

Now in this summer of 1962, Westbridge continues much as before, especially from commercial traffic. EBA is still sending box vans and open wagons from its site on to BR metals using its exchange sidings. It also uses the small on-site wharf to load a waiting barge or small freighter with loose fertiliser. Today converted Clyde Puffer *Bucephalus* has been loaded and waits for the tide before departure. Other smaller local companies use the BR yard to unload and load various goods.

EBA has five industrial steam locomotives and at least three are to be seen at this north end of the yard during any given day. The BR sidings are normally operated by a 'USA' or 'B4' 'borrowed' from the main docks and even one of the very new Class 07 shunters, destined to replace the 'USA' 0-6-0Ts, is being assessed at Westbridge.

The uniquely Southern Region trip working Class 09 diesel shunter can often be found lending a hand and also the standard Class 08 version from Eastleigh. Pick-up goods locomotives vary. 'N' 2-6-0s and 'W' 2-6-4Ts are seen as is, normally, a BR '4MT' 2-6-0 heading a train of wagons



**Clyde Puffer  
*Bucephalus*  
waits for the tide  
before moving away  
from the docks.**

destined for a north London chemical company, this being a daily trip working. The occasional '9F' 2-10-0 makes a visit from the Newport area of South Wales. Even a Westbury based Western Region 'Pannier' tank has been known to make

an appearance to offer an inter-regional pick up goods service out of Westbridge.

Of course, there will always be the Class 33 diesels and that particular Southern beauty the 'Q1' 0-6-0. Only yesterday, beautifully turned out 'Schools' 30916



**A Maunsell  
'N' 2-6-0**

**arrives with a pick-up  
goods and passes the  
transfer shed at the  
EBA factory.**





*Whitgift* made an appearance on a pick-up freight as, sadly, the use of the class on passenger traffic is now becoming scarce.

Passenger services, although now timetabled, are still infrequent but a three-car 'Hampshire' diesel unit can often be seen in the mornings and evenings taking commuters into Southampton and bringing up workers for EBA. The other principal passenger service is in the form of a 1959 push-pull set built from Maunsell passenger coaches and normally propelled by a neatly turned out 'M7' 0-4-4T, also from Eastleigh MPD.

## TIMETABLED OPERATION

To give a flavour of a typical day at Westbridge, the following timetable of events are what happened on July 26 1962 - a typical day for this station.

■ **6.00am:** EBA No. 2 with its barrier wagon takes up its normal position at the end of the work's northern headshunt and No. 4 moves to the end of the siding in front of the main warehouse building.

■ **6.12am:** A 'Hampshire' three-car diesel unit, with route 11 displayed, works its way along the back of the yard to bring workers to Westbridge station.



■ **6.15am:** The same unit returns south and back to the city with the night shift workers from EBA.

■ **6.25am:** 'N' 2-6-0 31816 delivers a mixed rake of wagons to the yard and 'USA' 30071 awaits the departure of the 'N' before

sorting out those wagons destined for EBA.

■ **6.40am:** The 'USA' pushes four wagons onto EBA metals and into the headshunt occupied by works No. 2.

■ **6.45am:** The 'USA' returns to the remaining wagons in the main BR yard and takes off a couple of vans for loading.

■ **6.45am:** Works No. 2 pushes its four wagons into the siding in front of the warehouse and then returns to its position at the end of the headshunt.

■ **6.58am:** Works No. 5 pushes four loaded vans through from the south yard and onto the headshunt for the waiting No. 2. No. 5 then returns to the south yard.

■ **7.12am:** BR push-pull set 613 headed by 'M7' 30029 arrives at Westbridge station from Southampton Central.

■ **7.14am:** While his passengers are boarding, driver Stan Phillips walks the length of his train, climbs into the driving cab of his set, waits for the green light and departs for the return trip to Southampton Central.

■ **7.20am to 7.31am:** The 'USA' sorts some loose vans and open wagons.

■ **7.45am:** Brighton 'A1x' 32661 is the surprise choice to enter the yard with a couple of parcels vans and then promptly scurries off whence it came.

■ **7.50am:** The 'USA' departs to shunt the yards further south.

■ **8.03am:** The vans and open wagons in front of the warehouse are now loaded and works No. 4 pushes them into the headshunt to join those already attached to works No. 2.

■ **8.08am:** Class 33 D6506 enters the yard to wait for its train of eight wagons waiting with works No. 2.

■ **8.13am:** Now coupled, D6506 collects a brake van and departs south with its train.

■ **8.22am:** The next scheduled passenger service is not until 9.12am, so Class 09 D3665, with one van, collects some crated goods from a small goods platform at the back of the yard. It then moves onto a siding to wait for other vans to be loaded elsewhere in the yard.

■ **9.12am:** The same push-pull set seen at 7.12am arrives and departs two minutes later. »







**The Class 07 diesel shunter moves a rake of 16ton minerals out of the yard during its trial operation.**



■ **9.33am:** The Class 09 moves everything including the parcel vans into Westbridge station and then departs the station and back into the yard to await its next tasks.

■ **9.35am:** 'W' 31913 arrives at the station to collect its train and one minute later gets the green light to move off.

■ **9.40am:** All early work now complete, the yard goes quiet for about half an hour as the Westbridge signalman takes the opportunity to have a cup of tea.

■ **10.04am:** 'Schools' 4-4-0 30916 *Whitgift* arrives. Having left vans at the EBA south yard, it runs light into Westbridge to take water.

■ **10.15am to 12.15pm:** A further delivery of opens and vans, this time by a 'Q1', are sorted by the Class 09 and delivered to EBA for loading/unloading. 'Q1' 33021 will shunt the south yard while it waits to depart with the same vehicles two hours later.

■ **11.12am to 11.15am:** The push-pull set and 'M7' arrive and depart to and from Westbridge.

■ **11.38am:** Cricklewood based Standard '4MT' 2-6-0 76038 has arrived for the daily trip working back to Phipps Chemicals at Willesden. It has left its empties at the south yard and will collect loaded vans from the north yard before making up the rest of its train at the BR yard a mile further south.

■ **11.52am:** The 'Mogul' moves off south with its six loaded vans.

## AFTERNOON SHIFT

■ **12.17pm:** An engineer's train is 'parked' in the unused north bound platform so that any damage to the trackbed from the bomb disposal team dealing with a newly discovered bomb a mile up the line, can be swiftly sorted out.

■ **12.38pm:** Stationmaster Bill Mead tasks himself with telling the passengers waiting to travel north that there will be no trains northwards today.

■ **12.46pm:** Class 33 diesel D6514 waits on the 'wharf shute' siding while its crew has lunch. It will depart at 1.15pm with two empty hopper wagons that have emptied their loads of fertiliser into a waiting barge.

■ **1.12pm:** Push-pull set 613 repeats its 11.12am visit and departs at 1.16pm, now with some disgruntled

passengers that wished to go north.

■ **1.23pm:** The boys on the bridge eat their egg sandwiches, washed down with Tizer and discuss whether or not the new Class 07 shunter might make an appearance. They are coming back tomorrow, Friday, anyway.

■ **2.18pm:** 'B4' 0-4-0T 30096 takes over from the Class 09 for the afternoon's shunting.

■ **2.33pm:** Some limited activity involving the EBA locomotives results



**The Sulzer engine of Class 33 D5614 fill the air as it moves out of the yard with a rake of ballast wagons. On the left one of EBA's industrial shunters moves wagons into the works headshunt.**



in more vans moving into the headshunt.

■ **2.57pm:** The afternoon visit of Westbury based Western Region '57XX' 0-6-0PT 9612 takes place. It collects three empty minerals to start its collection for the return trip to Westbury.

■ **3.00pm:** The one the boys have been waiting for! Newport based '9F' 2-10-0 92249 runs light into the yard to take on water. It must return south and then up the line to Eastleigh MPD to wait overnight before it picks up its train and returns to South Wales about midday tomorrow.

■ **3.12pm:** The push pull set returns.

■ **3.24 to 3.44pm:** '700' 0-6-0 30316 arrives and leaves its train on the back line of the yard. It uncouples and moves into the station to take water. The 'B4' distributes the various vans and opens around the yard. Once the line is clear the '700' departs south.

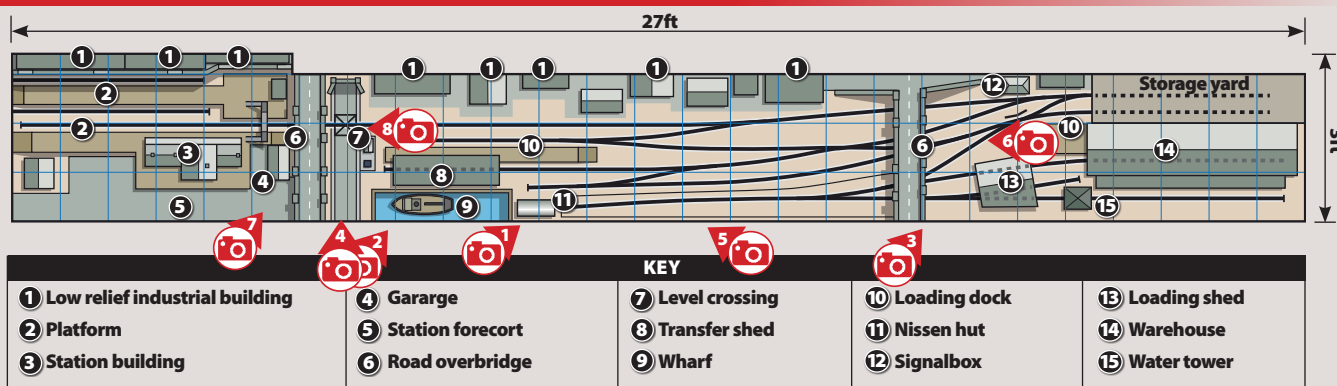
■ **4.18pm:** Class 33 D6514 returns with two hoppers full of fertiliser and will leave these overnight to be pushed into the automatic unloader by a shunter as soon as the assigned coastal craft is in position and the tide has ebbed.

■ **4.30pm:** The 'B4' makes up a train and the 'N' returns to collect it.

■ **5.12pm:** It is once again the turn of the 'Hampshire' unit to make the stop at Westbridge station.



## WESTBRIDGE TRACK DIAGRAM (Not to scale)



■ **5.30pm:** Nothing much is happening now because of the temporary closure of the northbound line. The boys are satisfied with their day and cycle off two up on their single bike.

The following day is July 27 and local garage owner Michael Howard is celebrating his first year of hiring out imported American convertible cars to American tourists that have just arrived in the UK from those huge liners such as the *Queens Mary* and *Elizabeth* and the 'United States' mentioned before. He

wanted to offer them just a little 'home from home' as he calls it. The local press has arrived to capture the scene as his daughters, their friends and other staff from the garage look on and celebrate the day.

### FACT AND FICTION

It might all be made up, but I hope Westbridge gives a flavour of the Southern Region away from the glamour of the 'Pacifics' 50 years after steam really did end in the Region. It was originally built as an exhibition layout and made numerous

outings to shows in the Hertfordshire and London areas. The entire layout is made up of eight baseboards and now resides as a permanent home layout in a dedicated garage extension.

In total the layout is 27ft long starting from a hidden storage yard which is located behind the warehouse buildings of EBA before running past the numerous goods sidings and factory backs on the approach to Westbridge station itself. The station is unusual in that while it has routes arriving from » h





directions, neither are through lines with all trains terminating here.

All of the plain track is Peco bullhead style combined with matching profile turnouts from the same manufacturer. This track has stood the test of time well with the layout having amassed many hours of running both at home and exhibitions. The entire layout is analogue controlled using cab control and there are two separate handheld controllers which can be used to operate separate areas of the trackplan independently. This includes separate operation of the main line and shunting yards to allow maximum activity to take place during a running session.

The buildings are all scratchbuilt from various material types including brick, stone and iron cladding effect plastic sheets. This variety of materials gives the layout a natural feel. Road vehicles are kit built to suit the period on the whole – except the American cars – while perhaps the signature of the scenic area is the miniature population. These are all hand painted by wife Claudia who has a particular talent for painting and detailing figures in small scales for which she accepts commissions too. Many, many hours have been invested in painting the figures all of which start out as bare metal castings. The results speak for themselves and I'm incredibly proud of what they add to the layout.



**Howard Bros is celebrating one year of hiring American cars to visiting tourists with a special display.**

### THE FUTURE

Now retired from the exhibition circuit Westbridge is still fully operational and I'm enjoying that it no longer has to be packed up and despatched from the house on a regular basis to attend shows. That's not to say that I have stopped exhibiting though, in fact quite the opposite, as I regularly assist 'O' gauge modelling friends

and the Luton Model Railway Club with its exhibition layouts to keep me in touch with my inner operator.

Westbridge wouldn't be what it is without the support of my modelling friends and the team meet regularly to enjoy this busy layout and immerse ourselves in a little nostalgia for British Railways' popular Southern Region in 1962. [View](#)



**At Westbridge station a Class 205 three-car DEMU waits noisily for its departure time. Note the figures in period dress, all hand painted for the layout.**





# THE GREAT ELECTRIC TRAIN SHOW

# SAVE

ON THE ENTRY PRICE WHEN YOU BOOK ADVANCE TICKETS TODAY!

BRITISH MOTOR MUSEUM,  
WARWICKSHIRE CV35 0BJ



Bere Banks - 'OO' Gauge

**SAVE £s WHEN BOOKING  
IN ADVANCE**

**ADULT £9** **Save £3\***  
**CHILD (5-16 yrs) £7** **Save £2\***

Children under 16 must be accompanied by an adult at all times. \*Savings against BMM on-the-day ticket prices. Deadline for advance ticket orders 29 September 2017.

## OCTOBER 7/8 2017

### 25+ WORKING LAYOUTS

in the major scales, gauges and eras, including:

- **Bere Banks** - 'OO', Western Region, 1970s
- **Kingsbury** - 'O', Great Western, 1930s
- **Rannoch Moor** - 'OO', Scottish Region, 2000s
- **Tedburn St Mary** - 'OO', Great Western, 1930s
- **Twelve Trees Junction** - 'OO', Southern Region, 1960s

Practical demonstrations for hands-on advice and inspiration as well as a wide selection of top quality traders and manufacturers

#### TICKET PRICE WILL INCLUDE:

- FREE** ACCESS TO BRITISH MOTOR MUSEUM
- FREE** ON-SITE PARKING
- FREE** COURTESY BUS FROM LEAMINGTON SPA TRAIN STATION (Saturday Only)

Check website for full list of layouts, demonstrations and exhibitors

**Advance ticket holders:** Express lanes in operation. Entry from 9.30am.

**Opening times: Saturday October 7:** 10am to 5pm

**AND Sunday October 8:** 10am to 4pm.

To purchase advance tickets visit:

**www.grealelectrictrainshow.com**  
or call: 01780 480 404

Brought to you by



#### ON THE DAY PRICES:

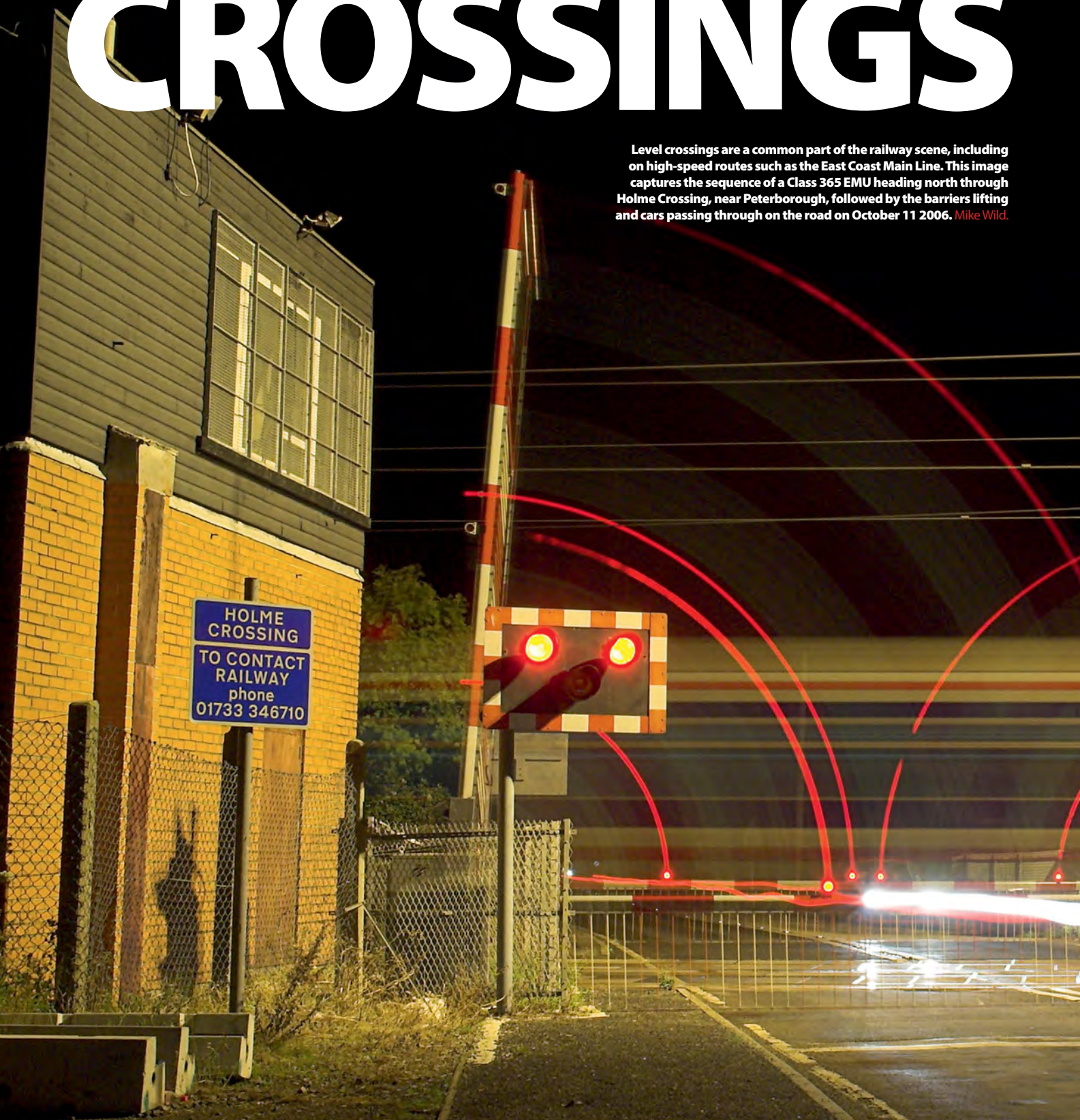
- Adult: £12
- Child (5-16 yrs): £9
- Children under 5: FREE
- Family (2 adults, 3 children): £34



# Modelling LEVEL CROSSINGS

A level crossing makes a brilliant scenic feature. **ALEX FISHER** explains how they work – and what needs to be considered when modelling them.

Level crossings are a common part of the railway scene, including on high-speed routes such as the East Coast Main Line. This image captures the sequence of a Class 365 EMU heading north through Holme Crossing, near Peterborough, followed by the barriers lifting and cars passing through on the road on October 11 2006. *Mike Wild.*





**A**S RAILWAY MODELLERS, we derive our pleasures from many different aspects of the real railway, recreating an exact replica, or bringing together the railway features we find interesting and for many, that may include a level crossing.

Even with Network Rail's drive to close and reduce the number of crossings, in 2010 there were still more than 7,600 level crossings on public and private land. A large proportion are footpaths, but the vehicular crossing still comes in a wide variety of styles and designs.

As early as 1839 the Railway Level Crossing Act stipulated that where public roads crossed railways on the level, railway companies had to provide gates under the control of gate keepers. Three years later the Regulation of Railways Act reinforced this requirement, adding that gates should normally be closed across the road and opened only when necessary, although the Board of Trade had the power to make exemptions and over the years as road traffic grew a more common-sense approach of leaving the gates open to road users and closed across the railway was adopted.

## A DESIRE FOR CHANGE

At the start of the 1950s the cost of manning BR's roughly 2,400 level crossings had risen past £1 million per annum and measures to

reduce this huge cost had to be found. The experimental introduction of lifting barriers at Warthill level crossing in late 1952 saw BR finally obtain permission to replace gates with lifting barriers in 1954 and although it was still obliged to provide on-the-spot supervision, it paved the way for modernisation and the replacement of gated level crossings.

Three years later - and after visits to Holland, Belgium and France by the Ministry of Transport and British Transport Commission - a further Act allowed for the automatic lifting of barriers by track circuits or by remote control, finally removing the need for gate keepers/signallers at crossings.

It wasn't long until their use proved controversial and to remedy some of the problems identified new standards for road signs and flashing lights at barriers were incorporated into the Ministry of Transport's requirements in 1960. One of the first to conform to these new requirements was at Ware during the summer of 1960. Each barrier was 28ft long, painted red and white with suspended fringes or 'skirts' to prevent animals or children accessing the railway under the barrier. The crossing had the mandatory two red flashing lights to warn motorists and after five seconds the entrance barriers would descend followed by the exit barriers on the opposite side of each lane of the road.<sup>ad</sup>

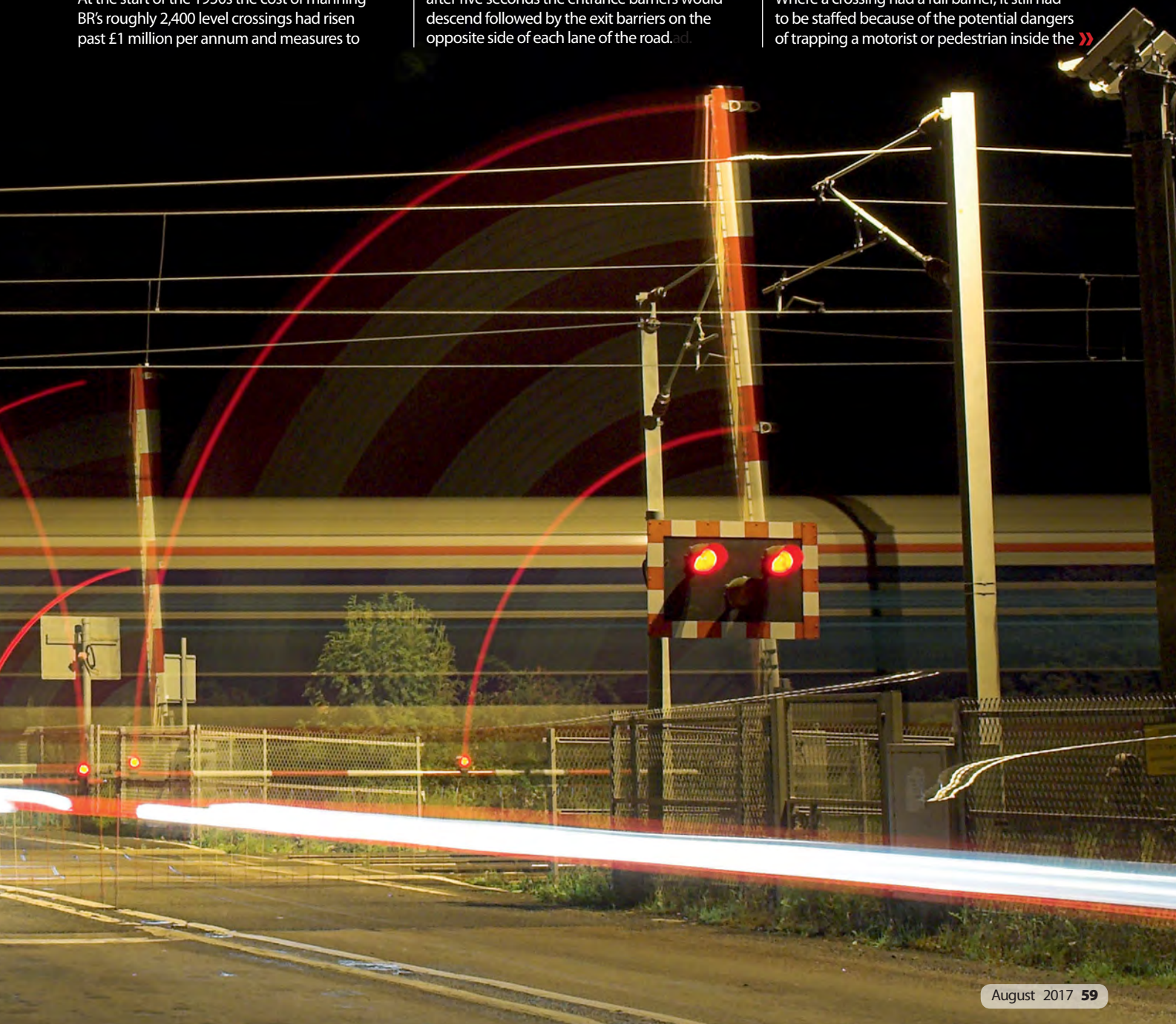
## AHB CROSSINGS

The Automatic Half Barrier (AHB) is perhaps the most common type of level crossing encountered today. This only has barriers in front of the carriageway in the direction of travel, allowing vehicles to escape should the barriers come down while crossing. Initial requirements to allow an AHB installation was that the railway must have had a maximum speed of 60mph and that no more than 1,000 vehicles a day were to use the crossing. Initial installations of AHBs also included a second train coming notification and after modifications to the basic design a standard one was approved in 1964. There were 15 in use by the end of the year.

Changes for the modeller to note are that after the Hixon enquiry, recommendations from 1969 saw new and improved warning signs. They informed drivers of large or slow vehicles that they should telephone the signalman for permission to cross the line, an amber warning light showing a few seconds before the red lights was also introduced along with better road profiles and increased sighting distances either side of the crossing.

## FULL BARRIER CROSSINGS

Where a crossing had a full barrier, it still had to be staffed because of the potential dangers of trapping a motorist or pedestrian inside the »





crossing. A great technological advancement took place in 1971 when closed circuit television (CCTV) was used to monitor a crossing from Kings Dyke signalbox near Peterborough.

Throughout the 1970s the use of full barriers operated either directly from a signalbox or CCTV monitored became more common and they increased in number from 29 in 1973 to 233 by 1979. There was also a steady drive to replace gates worked from a wheel inside the signalbox to lifting barriers operated from a pedestal and from 1975 to 1985 the number of crossings protected by gates fell from 1,269 to 576, while those protected by barriers rose from 394 to 583. In the 10 years from 1969 to 1979 the number of manned barrier crossings fell from 1,896 to 998.

Throughout the 1980s a combination of railway closures and alterations to either open, AHB or CCTV crossings saw the number of manned barrier crossings diminish until in 1988 there were just 321 manned crossings and for the first time AHB crossings outnumbered them with 357 in use.

## OPEN CROSSING

Another type of crossing which became more widespread was the Open Crossing. These had neither gates or barriers and where rail and road traffic levels were light trains were allowed to approach at 10mph and pass over without stopping if the road was clear. By 1977 there were 110 such crossings and in a note for the modeller, post 1981 the stop sign on the road approaching the crossing was replaced by a 'Give Way' sign.

## 21ST CENTURY DESIGN

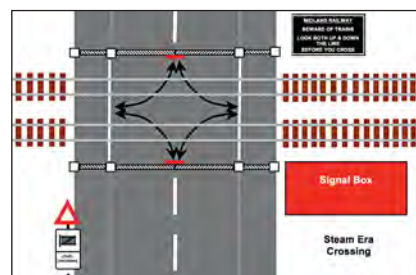
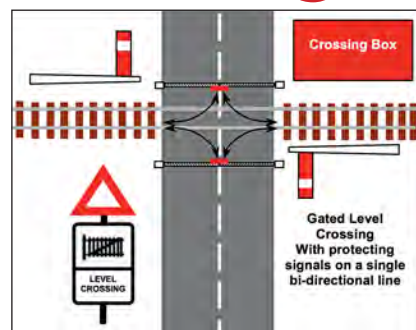
Moving into the 21st century, it's perhaps surprising that even on busy passenger lines, there were still many crossing gates opened and closed by hand and there are still gates closed by a capstan wheel within the 'box'.

In 2006 there were 213 and 238 level crossings controlled by gates and barriers respectively. These types of level crossing are fast dying out however as Network Rail closes signalboxes and in some cases, the road crossing itself. By this time, the AHB and CCTV crossing

# Modelling crossings

The choice of signage and gates on a steam era level crossing are a subtle method of portraying the layout's era and location well before a train even approaches them. Starting with footpath crossings, the railways were only obliged to provide either a stile or gate and a reasonable surface for the pedestrian to cross the line, and whilst safety was essentially up to the individual, most railway companies provided warning signs and where appropriate 'whistle boards' for the trains to remind the driver to whistle and give advance warning to the public at the crossing.

From the turn of 20th century the familiar triangular sign and steam train began to appear: they lasted until the introduction of the new style road signs in the 1960s, although on many a rural backwater these signs could be seen well into the 1970s. The descriptive signs, warning pedestrians to 'stop look and listen' usually carried the original railway company's name into the grouping era and often well into BR days – Diagram 1 and 2.



accounted for the most common types of crossing with 451 and 377 examples respectively.

Bringing the story of level crossings right up to date are the radar equipped level crossings which can detect obstacles on the road and ensure that the barriers are not lowered around an obstructing vehicle. Teething troubles aside, they have settled down and look to be equipping many level crossings in the future where a bridge or closure of the road is not an option.

Uffington crossing on the Peterborough-Leicester line was something of a timewarp in August 2005: it is a manually operated gated crossing which even includes BR period 'Beware of Trains' signage. Mike Wild.

# User worked crossings

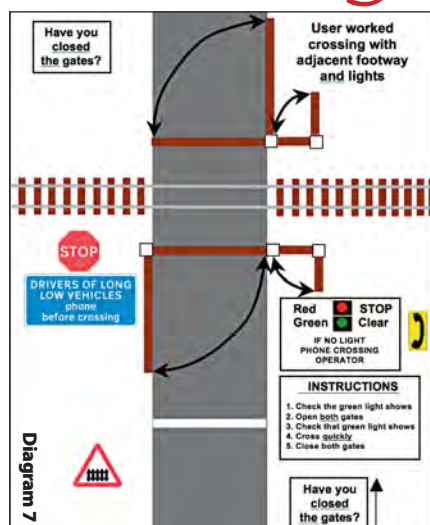
There are a few other types of crossing that don't quite fit in the above categories including user worked crossings. These can carry a myriad of signs and instructions and not all may be present at any one time – Diagram 7. For example, many crossings haven't got the miniature warning lights and instead rely upon the user phoning the signalbox by means of the direct line for permission to cross.

## Stop

Always telephone before crossing with vehicles or animals to find out if there is time to cross. Tell the signalman if the vehicle is large or slow moving.

- 1 Open far gate before crossing with vehicles or animals.
- 2 Cross quickly
- 3 Close and secure gates after use.

The gates on these sorts of crossings would have originally been similar to the white crossing gates found at level crossings, but in more recent years they tended to have been replaced by utilitarian farm style metal gates.



Note also that they open away from the railway and do not close it off to the passage of trains as per the requirement for public crossings.





# Modern crossings

When including a level crossing on any layout it's worth giving a few moments' thought to what type of crossing would be most appropriate and how it can be modelled simply or as detailed as one requires.

Starting with the most basic of crossing, the open crossing, they have no gates or barriers to protect them but in many cases they do have some quite conspicuous signage – Diagram 3.

Where road and or rail traffic is busier, flashing lights may be used on crossings known as automatic open crossings – Diagram 4. This sort of crossing is again only really suitable for lower speed lines and sparse road traffic. Note the anachronistic steam train image on the sign. The large 'X' is supposed to signify to the car driver that the crossing is open. Earlier crossings of this type tended to have a second half-X above the main one to denote a second track, although this was of little meaning to most motorists and didn't last long.

AHBs – Diagram 5 - rely upon either track circuit occupation or a treadle near the track being struck in order to start the lowering sequence. This

is usually 27 seconds of warning time for trains travelling at full line speed. All AHBs are monitored by a signaller. Alarms are positioned within the signalbox to tell the signaller about any faults such as the telephones or the lights failing. AHBs can only be used on lines where there are no more than two running lines. The maximum speed of trains travelling over them must not exceed 100mph for AHBs and 75mph for AOCs. In modelling terms, an AHB is fine for most two track lines, providing you're not basing your layout where over 100mph running is authorised. If the road is particularly busy, the railway sees a lot of traffic, there are more than two running lines or the line speed is over 100mph, a full barrier crossing will almost certainly be used – Diagram 6.

Even though lifting barriers might be installed, the sign shows a gate to denote that an obstacle may be across the road. This type of crossing is suitable for all types of railways except the next generation of high speed lines such as High Speed 1 (which has none), and nor are there too many level crossings on dual carriageways or exceptionally busy roads.



Diagram 3



Diagram 4

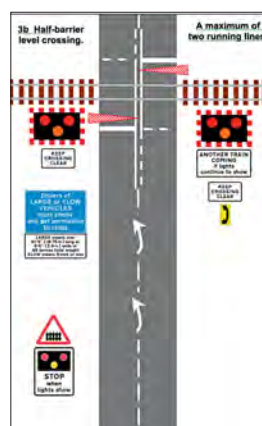


Diagram 5

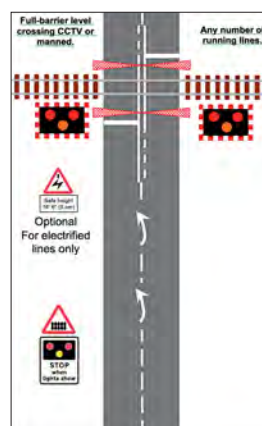
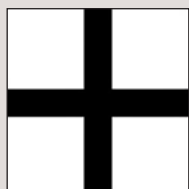


Diagram 6





# Railway operation



**Level crossing warning sign. Used at automatic barrier crossings, locally monitored, automatic open crossings locally monitored and open crossings. Actual size usually 900mm x 900mm.**

For those wishing to add even greater realism to their model railway, there are a couple of points worth bearing in mind as to how the signalling and operation of the crossing should work. Starting with open crossings, these have no signal protection - the train driver is however usually made aware of the presence of a level crossing by various means and towards the end of the 1960s a new standard form of level crossing board had been introduced to replace worded notice boards. The black St George's cross on a white board is placed at full braking distance to the crossing and can now be used at any type of level crossing that is operated or monitored by the traincrew.

A nice sign to include where a train is required to stop at a level crossing and perform a task is the large STOP board. These signs can request the train to stop and open the gates or plunge/wait for a white light as authority to proceed

over an automatic open crossing.

Up until the late 1970s an additional sign could be found on the approach to these stop boards (normally 200 metres) that looked similar to the Banner repeater. They acted as an 'advance stop board', latterly being known as an 'intermediate board'.

An intricate detail to add to an open crossing would be some level crossing sighting marker boards. They are not there to assist the car drivers or train drivers, but for those who check the sighting distance from a level crossing. They are positioned facing the level crossing at a point down the track from which a person should be able to see a train coming and have time to clear the crossing. The idea is that if the person checking the crossing cannot see the board, work is required, which usually means the cutting back of vegetation.

Modern whistle boards comprise a white circular sign bearing a letter 'W'. For added variation the Great Western Railway's



**Stop boards for foot crossings and unmanned crossings: 700mm x 1,300mm actual size (left), actual size 900mm x 1,650mm (right).**



**New style whistle board, 750mm diameter.**

**Pre-2003 whistle boards with combined speed restrictions.**



signs had 'SW' for 'Sound Whistle', whilst in Scotland one modern variation may be found comprising a white rectangle with the 'W' below a diagonal cross indicating that the driver must sound the horn continuously on the approach to the level crossing ahead.

Modern signage differentiates open level crossings from automatic crossings and even the permitted speed during wrong direction working. For enhanced realism some crossings have speed limits as low as 5mph and on passing the speed board the driver must slow to the prescribed speed, make sure that the crossing is clear, proceed onto the crossing and as soon as the front of the train is on the crossing the driver may accelerate up to full linespeed.

As with most railway structures and points of interest, the modern approach is to name them and display the details of them. From the late 1990s experimental level crossing identification signs began appearing in the Scotland Zone. They showed the name and mileage of the



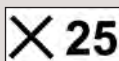
**Automatic Half Barrier (AHB) crossings are still a common feature on lightly used roads. Here a Class 170 crosses an AHB site near Whittlesey, Cambridgeshire, in August 2005. Mike Wild.**





An automatic level crossing speed restriction. 550mm x 925mm.

If two speeds are shown, the higher applies to passenger trains (loaded or empty), whilst the lower is for freight traffic. 550mm x 1,335mm.



An automatic level crossing speed restriction sign for trains working in the wrong direction, e.g. during single line working. 1,100mm x 550mm.

crossing and in 2000 identification plates were fitted at user worked level crossings with a telephone on the Cambrian Lines (Midlands Zone). The signs also displayed a unique level crossing number.

As AHBs have no specific signal protection, any signal on the associated line may show a proceed aspect irrespective of what the crossing lights are showing. Where the crossing is fully closed and monitored either directly by a signaller in an adjacent cabin or by CCTV, signal protection will be provided. On semaphore signalled routes, some signals may be found virtually adjacent to the road, thus allowing a train to draw right up to a crossing with the gates open or barriers in the air. More modern practice however is to try and site signals as far back from such dangers as reasonably practicable, although some colour lights may still be found reasonably close to the level crossings they protect.

## MODEL GATES

Peco's 'OO' LK-50 four gate crossing represents a typical steam era crossing before any modernisation. These types of gates are operated by the signaller or crossing keeper by turning a large wheel inside the signalbox in order to close the gates. Dapol's C015 also represents this type of working and would be more suited to a smaller road and/or less busy lines. There is also the Ratio RAT234 which is slightly finer in detail but essentially for the same purpose. For those looking for a more modern application Hornby's R636 uses gates but has a more modern looking road surface.

Hornby's R645 crossing uses lowering booms and is meant for a single track. However, as the booms block the whole of the road they ought to be either used in conjunction with a signal or crossing box or have CCTV coverage. Alternatively, the crossing could be used as an AHB by placing the lights either side of a road and allowing the barrier to only block the entrance side of one road on each side of the track. This sort of crossing would be suitable for up to a two-track railway.

Peco's LK-51 allows the booms to be placed correctly on the entrance sides of the roads only and for the other side of the road to be free. These can be used to create a convincing AHB. Ratio's RAT235 also depicts lowering booms and again blocks all entrances/exits from the railway. There ought to be a protective skirt that forms part of the boom which prevents children/animals from accessing the railway once the booms have lowered.

Perhaps the ultimate representation of an AHB crossing may be seen with the Bachmann

Scenecraft 44-038 crossing and Express Models automatic crossings. The former accurately depicts the half barriers, concrete panels and cattle/trespass grids whilst the latter has lights actuated by the approaching train and they correctly show a single amber warning light and audible warning siren. There is also a motorising kit for the lifting barrier arms and these items are most suited to depicting an AHB style crossing.

The recently introduced Wills level crossing kit is a very good representation of a full barrier crossing either monitored from an adjacent signalbox or by CCTV. The SSm318 at £25 is also suitable for motorising by the Peco servo motor control system.

New to the scene is Train Tech's crossing barrier set which offer pre-assembled level crossing lights with warning sounds and static Peco half barrier gates. The kits are priced at £25 for single units and £45 for pairs and are available for both 'OO' and 'N' gauge.


## ROAD SURFACE

Particularly on AHBs, CCTV and manned crossings one may wonder what the concrete panels are on the level crossings. These are called Bowmacs and in the 'four foot' a single panel spans the whole width with clearance for the train's wheel flanges. Each panel is nominally 600mm long whilst those in the 'six foot' and cess are nominally 1,200mm long. The concrete panels allow relatively easy access to the track for repairs and the panels themselves may be replaced as and when required. More modern installations however have leaned towards rubber panels as they are less dangerous to trains if they foul the 'four foot' and have more give for the rigours of road traffic. Other important additions to any crossing are the cattle grids either side the road. These are there to stop animals wandering onto the track and should be included from the boundary fence to the nearest rail and then in between the rails and if there's an additional line between them as well.

## SIGNALBOXES

In 1967, manned crossings outnumbered unmanned ones by around four to one and therefore if the crossing is manned, thought needs to be given to where they will be housed and there are two alternatives – a crossing box or a signalbox. The former is there solely to open and close the crossing, whilst the latter also signals trains. They are there to protect the crossing only. In terms of the buildings required, if it's a crossing box, it might be a mere portable cabin, or even a small railway hut. Many of the crossing boxes left today however are former signalboxes and one would replicate either option.

In Hornby's Skaledale range there are the beautiful brick hut and Midland Railway crossing boxes, whilst the larger signalbox would make an excellent crossing box or signalbox with accompanying level crossing. From Bachmann's Scenecraft range there's the 'OO' Hampton Hill Signalbox (Cat No. 44-010), Hampton North Signalbox (44-011) and for a Great Western Railway slant there's the 'box based on Highley (44-044). Various kit signalboxes are also available.

Network Rail's policy of closing around 100 level crossings a year has meant that there were 6,322 crossings of all types on January 19 2014. While they are steadily disappearing, in one shape or another they will probably be around for decades to come and will always prove to be a useful detailing point of model railways no matter what era we model. 





# FREE GIFT

When you take out a 2-year  
or Direct Debit subscription

**HORNBY**  
magazine



**3 EASY WAYS  
TO ORDER**



ONLINE



PHONE



POST

Go to our website at...  
[www.hornbymagazine.com](http://www.hornbymagazine.com)

UK 01780 480404  
OVERSEAS +44 1780 480404

FAX UK 01780 757812  
OVERSEAS +44 1780 757812

COMPLETE THE FORM AND POST TO:  
**HORNBY MAGAZINE,**  
KEY PUBLISHING LTD,  
PO BOX 300, STAMFORD,  
LINCS, PE9 1NA,  
UNITED KINGDOM



# Choose from...

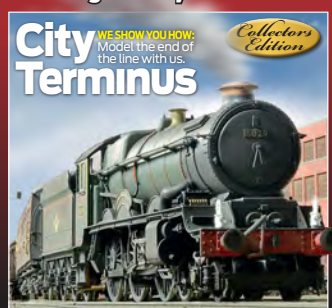
## HORNBY MAGAZINE YEARBOOK 9

Hornby Magazine Yearbook No. 9 features the latest layout build from the Hornby Magazine team to create a 1960s Western Region style city terminus with full digital command control, working signals and more. In this ninth edition of the Hornby Magazine Yearbook the new project layout introduces a variety of skills from making use of overseas buildings to detailing stations, locomotives and more. Hardback, 128 pages.  
*Hornby Magazine Editor Mike Wild.*

TOP 20 PRODUCTS OF 2016 • PREVIEW: NEW MODELS FOR 2017

# HORNBY

2017 magazine yearbook No. 9



**INSPIRATION** Favourite layouts from the pages of Hornby Magazine  
**CONSTRUCTION** How to detail stations, locomotives and more  
**MODELLING**

**RRP**  
**£17.99**  
128 pages, Hardback

## RAILWAY SPECIALS BUNDLE

This collection of three of our best-selling railway special magazines is essential reading for any model railway enthusiast. Included are: Hornby Magazine Design Manual, Hornby Magazine Weathering Guide Vol. 2 and BR Steam Western Region!



**BUNDLE RRP**  
**£19.97**

## AMERICAN READERS

Readers in the USA may place orders by:  
**Telephone: Toll-free 800-428-3003 Fax: 757-428-6253**  
or by writing to: **Hornby Magazine, 3330 Pacific Ave, Ste 500, Virginia Beach, VA 23451-9828**  
Alternatively, order online at  
**www.imsnews.com/hornbymax**  
quoting/entering code HM0817

# SAVE EVEN MORE

When you pay by easy Direct Debit – just £9.99 quarterly or £37.99 annually  
**PLUS FREE GIFT**

☒ **YES**, I would like to subscribe to Hornby Magazine

### PAYER'S DETAILS

Title  First name  Surname

Address

Postcode  Country

Email address

Please complete to receive news updates and offers from us by email.

Please send gift card ☐

### DELIVERY DETAILS (IF DIFFERENT)

Title  First name  Surname

Address

Postcode  Country

Email address

### SPECIAL OFFER (PLEASE TICK)

**GIFT CHOICE:** ☐ HORNBY YEARBOOK 9 ☐ RAILWAY SPECIALS BUNDLE

**12 FOR THE PRICE OF 10**

**BEST OFFER**  
**24 FOR THE PRICE OF 19**

UK	12 issues	<input type="checkbox"/> £43.99	24 issues	<input type="checkbox"/> £79.49
Europe	12 issues	<input type="checkbox"/> £53.99	24 issues	<input type="checkbox"/> £95.49
USA	12 issues	<input type="checkbox"/> £68.99	24 issues	<input type="checkbox"/> \$121.99
Rest of the World	12 issues	<input type="checkbox"/> £56.99	24 issues	<input type="checkbox"/> £99.99

### PAYMENT DETAILS

I enclose a cheque for £/\$ ..... made payable to Key Publishing Ltd

Please debit my Mastercard ☐ Visa ☐ for £/\$ .....

Expiry date Security Code (3 digit code on reverse of card)

OFFER CLOSE DATE: 31 AUGUST 2017 PLEASE QUOTE: HM0817

Signature ..... Today's date .....

### INSTRUCTION TO YOUR BANK OR BUILDING SOCIETY TO PAY BY DIRECT DEBIT

Please tick: ☐ UK Direct Debit ☐ Quarterly £9.99 ☐ Annually £37.99



Instruction to your bank or building society to pay by Direct Debit



Please fill in the form and send to:  
Key Publishing Ltd, PO Box 300, Stamford, Lincolnshire, PE9 1NA, UK  
Name and full postal address of your bank or building society

To: The Manager Bank/building society

Address

Postcode

Name(s) of account holder(s)

Branch sort code

Bank/building society account number

Service user number

Reference

Instruction to your bank or building society

Please pay Key Publishing Ltd. Company Direct Debits from the account detailed in this instruction subject to the safeguards assured by the Direct Debit Guarantee.

I understand that this instruction may remain with Key Publishing Ltd. and, if so, details will be passed electronically to my bank/building society.

Signature(s)

Date

Banks and building societies may not accept Direct Debit Instructions for some types of account.

**Direct Debit UK only. If paying by Direct Debit please send in form.**

Payments are accepted by Direct Debit, cheque, Postal Order, Credit Card and US Dollar check. Payments by credit or debit card will be shown on your statement as Key Publishing Ltd. Key Publishing will hold your details to process and fulfil your subscription order. Occasionally we may wish to contact you to notify you of special offers on products or events. If you do not wish to receive this information please tick here ☐ or mention when calling. Gift subject to change. Any alternative gift will be of equal or higher value. Please note: Free gift is only available on Direct Debit with a minimum 2 year subscription. Should you cancel your subscription earlier than an invoice will be raised for the full price of the gift.



# Oxford's 'DEAN GOODS'

**FIRST  
REVIEW**

Great Western Railway modellers have a new choice of goods motive power with the arrival of Oxford Rail's 'OO' gauge 'Dean Goods'. **MIKE WILD** inspects this new 0-6-0.



**T**HE GREAT WESTERN RAILWAY wasn't a great user of 0-6-0 tender locomotives with its preference for 0-6-0Ts or 2-6-0 or larger motive power for freight work from the turn of the 20th century. However, one design stood the test of time – the 1883 introduced 'Dean Goods' 0-6-0.

The class was a development of the outside framed Armstrong 0-6-0 tender locomotives, redesigned by Dean with inside frames and a new boiler. The fleet went on to serve the GWR and BR as well as overseas in both the First and Second World Wars. The last wasn't withdrawn until 1957 with one preserved as part of the National Collection. Reality Check has the full story on the 'Dean Goods'.

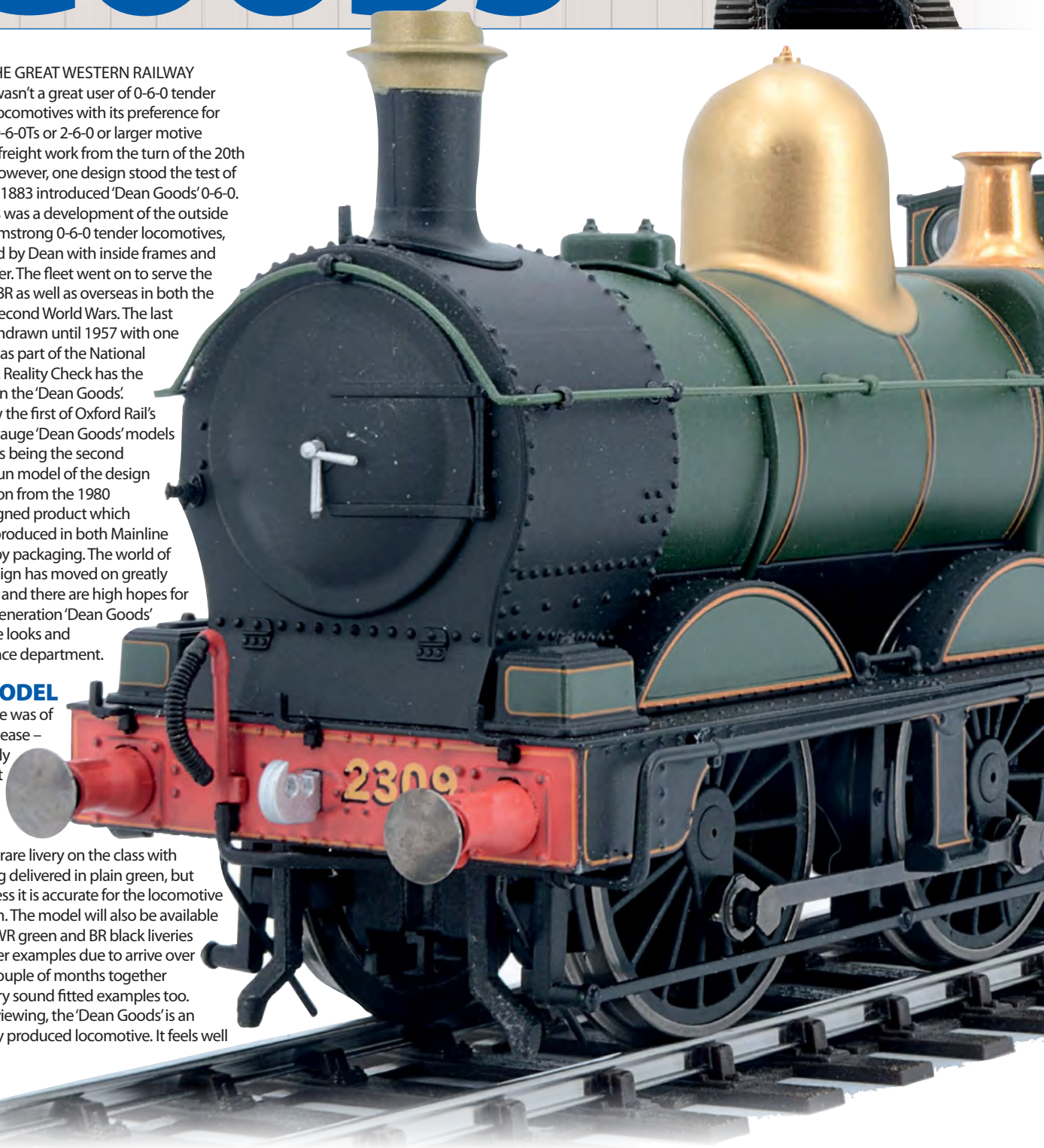
June saw the first of Oxford Rail's new 'OO' gauge 'Dean Goods' models arrive – this being the second ready-to-run model of the design following on from the 1980 Airfix designed product which was later produced in both Mainline and Hornby packaging. The world of model design has moved on greatly since then and there are high hopes for this new generation 'Dean Goods' both in the looks and performance department.

## THE MODEL

Our sample was of the first release – 2309 in fully lined Great Western green livery.

This was a rare livery on the class with most being delivered in plain green, but nevertheless it is accurate for the locomotive in question. The model will also be available in plain GWR green and BR black liveries with further examples due to arrive over the next couple of months together with factory sound fitted examples too.

On first viewing, the 'Dean Goods' is an attractively produced locomotive. It feels well







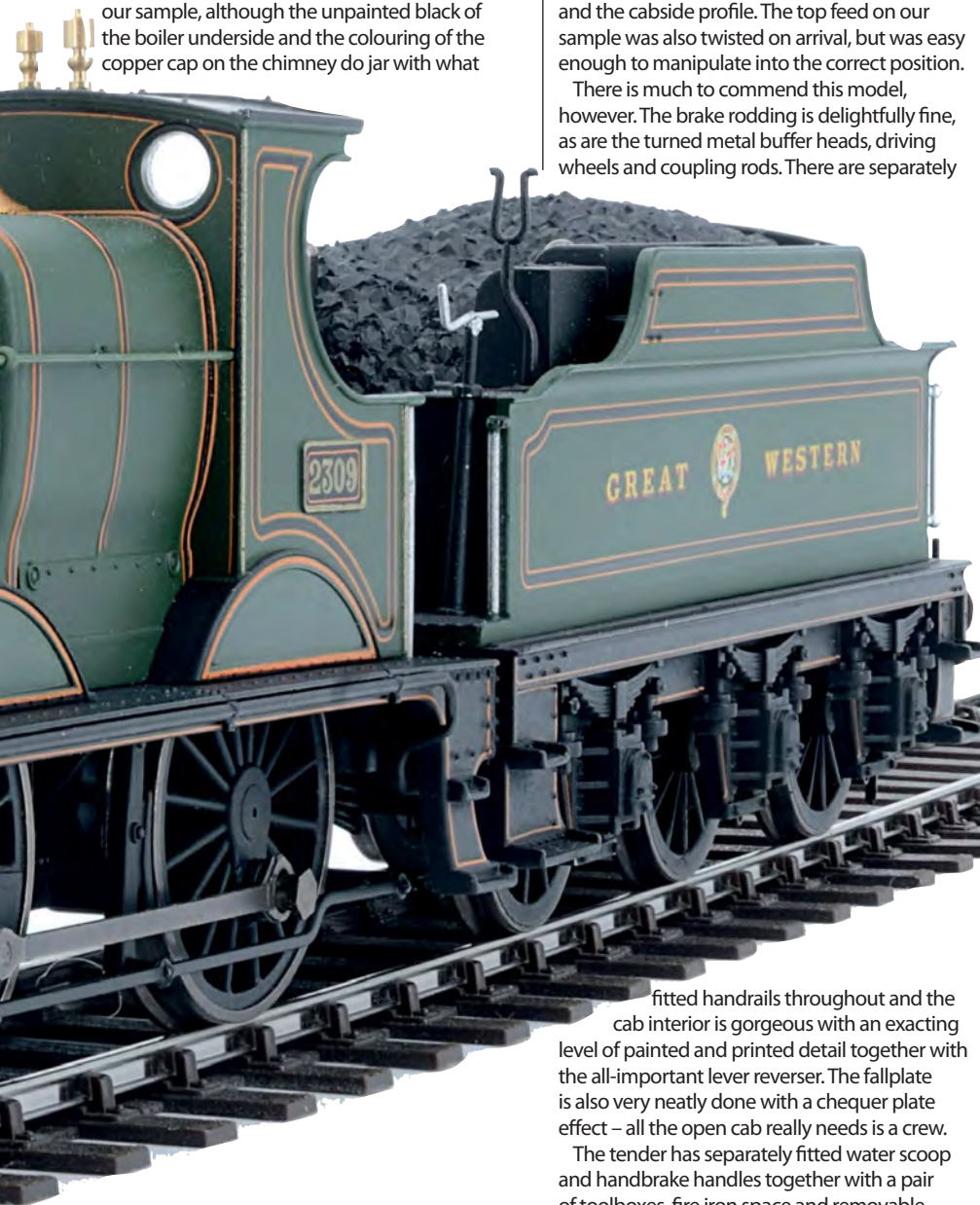
built and follows the basics of what we expect with sprung buffers, metal wheels, locomotive drive, all wheel pick-up, Digital Command Control (DCC) decoder socket in the tender and a nicely detailed cab interior. Interestingly, it is paired with a 2,500gallon tender which, while accurate, appears less common than the more usual 3,000gallon tender paired with these locomotives.

Livery application is smartly done on the whole, with excellent lining and colour definition on our sample, although the unpainted black of the boiler underside and the colouring of the copper cap on the chimney do jar with what

is an otherwise well painted model. So too do the silver painted coupling hooks - which might be correct for a factory fresh locomotive, but look strangely out of place in model form.

There are a few faults with this model - primarily the dish shaped of the smokebox door, chimney shape, rivets on the splasher bases, dome height and the cabside profile. The top feed on our sample was also twisted on arrival, but was easy enough to manipulate into the correct position.

There is much to commend this model, however. The brake rodding is delightfully fine, as are the turned metal buffer heads, driving wheels and coupling rods. There are separately



fitted handrails throughout and the cab interior is gorgeous with an exacting level of painted and printed detail together with the all-important lever reverser. The fallplate is also very neatly done with a chequer plate effect - all the open cab really needs is a crew.

The tender has separately fitted water scoop and handbrake handles together with a pair of toolboxes, fire iron space and removable plastic coal load. Taking out the latter is best done by releasing the tender body first, but does reveal a full-depth coal space which could be used for installation of a speaker for digital

## THE DETAILS

<b>Manufacturer:</b>	<a href="http://www.oxfordrail.com">www.oxfordrail.com</a>
<b>Cat No:</b>	OR76DG001
<b>Description:</b>	GWR 'Dean Goods' 0-6-0 2309, GWR lined green
<b>Scale:</b>	'OO'
<b>Price:</b>	£112.95 (DCC ready), £209.95 (DCC sound fitted)
<b>Era:</b>	3
<b>DCC:</b>	DCC ready, 8-pin socket
<b>Couplings:</b>	Small tension locks in NEM pockets

sound. If you wish to add a real coal load you will also need to cover the connections for the wiring from the locomotive to tender as these are exposed through the tender body floor.

## PERFORMANCE

This is an area where the Oxford Rail 'Dean Goods' excels - aided by its twin flywheel five-pole motor. Straight from the box our sample ran smoothly and quietly with the only negative we recorded being a necessity for a thorough cleaning of the wheels after this procedure.

That done, we set the locomotive to work on our test track for haulage and long term testing. On the haulage front, we loaded the model to 20 wagons which it handled well while also negotiating a range of curved and straight points with code 75 profile rail. It was also subjected to three days of continuous running on the test track with the same train - during which it never stalled once while running at a realistic speed with the full weight of the goods stock behind.

An 8-pin DCC decoder socket is provided in the tender and naturally, due to the body design, there is a limited amount of space inside for installing a decoder. It is possible with care and there are options for adding a speaker using Oxford's own supplied enclosure or underneath the coal load.

## OVERALL

Expectations are always high for a new product and while the new Oxford Rail 'Dean Goods' isn't a definitive version of the class, it does have its strengths. If you are in the market for one of these characterful GWR 0-6-0s they come in at just over £110 at full price which keeps them at the lower end of the price scale. Whichever way you look at it, you can't fault this new arrival on its performance. Despite its faults, it's a definite improvement on older models - and I'm sure that GWR and Western Region enthusiasts will be keen to add one to their fleet. (MW)



# 'Dean Goods'

*Although designed for everyday goods work on the Great Western system, the 'Dean Goods' was to be caught up in a sequence of world events which resulted in many examples ending up working in countries many miles from home.*

**EVAN GREEN-HUGHES** recounts the story of these Victorian era veterans.

**T**HE RAILWAYS OF THE Victorian era survived on the money that they made from moving freight. Every village, town and city imported its necessities by rail and exported the produce that they manufactured the same way.

Goods trains called at every one of these locations, sometimes many times a day, and there was a comprehensive network of services that ensured that goods could be collected from and delivered to anywhere in the country with the minimum of delay. To work these trains, most railways had

developed a policy of building simple two-cylinder 0-6-0 tender engines, which offered sufficient power and weight yet were cost-effective to build and simple to maintain. The Great Western Railway (GWR) was no exception to this, having by 1880 standardised on an outside-framed design from then Chief Mechanical Engineer (CME) Joseph Armstrong.

In 1877, after Armstrong suffered a fatal heart attack, William Dean became CME and at that time the GWR was well equipped with freight engines. Therefore six years were to elapse before any more needed to be built. What then emerged from Swindon

Works was known as the 'Dean Goods' or '2301' class. It was a development of the Armstrong engine, with significant improvements. The biggest difference was that Dean abandoned the outside frame arrangement, instead preferring a simple inside type. He also provided a free-steaming boiler of a completely new design, which was a big improvement.

The first 20 locomotives were constructed in 1883 and featured a domeless boiler of 4ft 3in diameter, flush smokeboxes and clack valves on the firebox side. These were followed by a further 20 in 1884 which were identical except that the boilers were





**Smartly turned out 2571 poses at Didcot shed in 1936 in the company of another 'Dean Goods' and a double-framed 4-4-0 for good measure.**

*Colling Turner/Rail Archive Stephenson.*

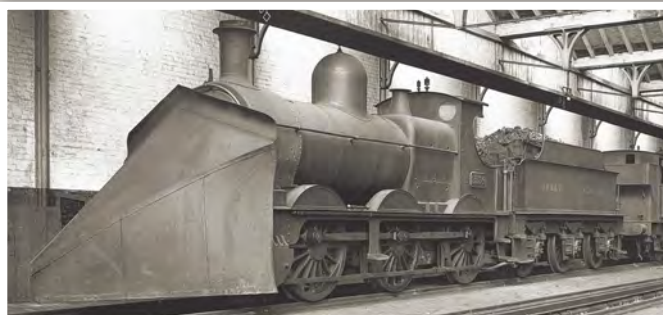


fitted with a dome on the front boiler ring.

When further locomotives were ordered, the boiler diameter was increased to 4ft 5in, with locomotives from 2381 onwards having a raised smokebox while 2451-2580 had a dome on the rear boiler ring. Extended smokeboxes later became universal on the class, and from 1913 onwards about 40 were rebuilt with boilers fitted with Belpaire fireboxes, top feeds, a dome on the middle ring and superheating. As might have been expected, many boilers were interchanged during the class' life, meaning that not all locomotives kept the style of boiler with which they were originally equipped.

## WIDESPREAD OPERATION

The 'Dean Goods' were allocated to most areas of the Great Western Railway network, although of course they could not work west of Exeter until the broad gauge was abandoned there in 1892. They were not common in Cornwall or in the South Wales valleys but found particular favour with the Central Wales Division where they were ideal not only for freight but also for light passenger working. At this time they were amongst the few tender engines permitted on the Mid-Wales line from Moat Junction to Brecon. Wolverhampton was another 'hot spot' for the class with 40 shedded there in



**2534 has a large snowplough mounted on its bufferbeam inside Swindon stock shed in the mid 1930s. Early preparation for winter?**

*Colling Turner/Rail Archive Stephenson.*

1932 with the next biggest allocations being at Bristol and Worcester which had 32 each.

There was a rather interesting development in 1907 when there was a requirement for more locomotives for light passenger work in the Birmingham area at a time when there was a surplus of 0-6-0 goods engines. Consequently 20 'Dean Goods' - 2491-2510 - were reconstructed by Dean's successor, Churchward, to become 2-6-2Ts, at which point they were renumbered 3901-3920, although not in the original order. Several others spent some time away from home in this period commencing in 1905-1906 when 2301, 2351 >>

**'Dean Goods' 0-6-0 2573 approaches Bockhampton crossing, near Lambourne, with the branch pick-up goods on August 5 1950.**

*David Hepburne-Scott/Rail Archive Stephenson.*





and 2532 were loaned to the Manchester and Milford Railway, where they ran as 8-10 while in 1915 2408 and 2573 were loaned to the London & North Western Railway. Also loaned out, this time to the Midland and South Junction Railway in 1919, was 2409.

## FOREIGN SERVICE

However it was to be the outbreak of the First World War that was to lead to some of the class travelling much further afield. During the war, the British army operated a substantial rail network in France and Belgium, but partway through the war there were increasing problems in obtaining enough motive power from the French and Belgium authorities. As a result, the army's Railway Operating Division (ROD) was allocated a number of locomotives from domestic railways, with preference being given to rugged designs that were easy to maintain.

In May 1917 62 'Dean Goods' were taken over by the ROD and after suitable modifications were sent to France where they were used for ammunition and supply trains as well as for shunting. The majority were returned to the UK in 1919, except for 16 which had been sent on to Salonika the previous year. Two (formerly 2308 and 2542) were subsequently sold to the Ottoman Railway, in Anatolia, Turkey, in 1919 where they became 110-111.

Seven were returned to the UK but seven more were written off, being then sold to the UK government. These were to remain the only losses to the class, apart from 2448 which had been withdrawn as a result of a collision at Thingley Junction in 1907, until 1928 when 2365 of Hereford shed was taken out of service.



An unknown GWR 'Dean Goods' stands with a Railway Operating Division stores train at Liege after the First World War. Rail Archive Stephenson.

## LENGTHY DISPOSALS

Disposals continued at a steady pace with later engines, numbered above 2400, beginning to be withdrawn from 1938 onwards. However on the outbreak of the Second World War in 1939, nine were brought back from the scrapline and put back into service. This was to assist with a government requisition for 100 'Dean Goods' with the intention that they should be used to bolster the capabilities of the railways of France.

All those selected had their Automatic Train Control equipment removed and were fitted with Westinghouse train brakes while 10 locomotives received more drastic alterations, being fitted with pannier tanks and condensing apparatus. A total of 79 had been shipped to France by the time of the German invasion and all then fell into

enemy hands, at which point they were written off the GWR's books and sold to the government. By this time another eight had been requisitioned for use in this country.

Although some of the engines left behind in France were lost in the retreat to Dunkirk, others continued in use by the French railways under the occupation. After the hostilities, a large number of these were sent to China while 27 came back to England, although these were so worn out they were only fit for scrap. Two others are known to have ended up in Eastern Europe. Those remaining in the UK worked in army depots as far afield as Kent and Scotland, although six of these were ultimately shipped to Tunisia in 1943.

Obviously with so many engines employed on the war effort and the subsequent shortages it was to be the end of 1945





## FACTS AND FIGURES

<b>Designer:</b>	William Dean
<b>Built:</b>	1883-1899
<b>Withdrawn:</b>	1907-1957
<b>Builder:</b>	Swindon Works
<b>Purpose:</b>	Goods
<b>BR power classification:</b>	'2MT'
<b>Wheel arrangement:</b>	0-6-0
<b>Weight (locomotive):</b>	36tons 16cwt
<b>Weight (tender):</b>	34tons 5cwt
<b>Brakes:</b>	Steam (locomotive) Vacuum (locomotive and train)
<b>Driving wheel diameter:</b>	5ft 2in
<b>Length (including tender):</b>	52ft 0in
<b>Boiler:</b>	GWR SO/S2 or S4
<b>Boiler diameter:</b>	4ft 3in (original) 4ft 5in (subsequent)
<b>Boiler pressure:</b>	180psi
<b>Cylinders:</b>	Two, inside
<b>Cylinder dimensions:</b>	17in x 24in (original) 17½in x 24in (later)
<b>Tractive effort:</b>	17,120lbs or 18,140lbs (later)
<b>Number in class:</b>	260
<b>Number in BR service:</b>	54
<b>Number series:</b>	2301-2360 2381-2580
<b>Note:</b> 2361-2380 were outside-framed 0-6-0 goods locomotives of the 2361 class.	

before there were any more withdrawals. There were still 54 on the books when the railways were nationalised in 1948, although 2356 had gone from Portmadoc shed before Ian Allan was able to record its number in that year's Combined Volume.

Losses remained low until 1952 when BR Standard '2MT' 2-6-0s, together with their London Midland & Scottish Railway designed counterparts, were sent to the Western Region, and this began a steady

decline in which the only 'Dean Goods' to survive were retained for working branch lines that had particularly low weight limits. By 1955 only four remained in service, these being based at Reading, Brecon and Oswestry which was home to the final example 2538. This was taken out of service in May 1957.

Fortunately, someone in authority had recognised the historical significance of the class and in 1956 one example,

**GWR 'Dean Goods' 0-6-0 2573 heads a lengthy down goods on Goring water troughs in 1937.**

Colling Turner/Rail Archive Stephenson.

**Proving that it wasn't all goods traffic for the 'Dean Goods' class, 2532 heads a Lambourne branch train near East Garston on July 21 1951.**

David Hepburne-Scott/Rail Archive Stephenson.



1897-built 2516, was claimed for the National Collection when it was withdrawn, also from Oswestry. Displayed for many years at the GWR Museum at Swindon, it was moved to the Steam exhibition centre in 2000 where it is currently on display, rather oddly with the tender split from the locomotive so that visitors can get a better view of the footplate. Not so lucky was WD 70195, formerly GWR 2531, which had been called up during both wars and was one of the locomotives fitted with pannier tanks during the Second World War. It eventually ended up on the Longmoor Military Railway, having been converted back to standard form, where it was used for re-railing practice and survived intact until 1959.

During their lifetimes, the 'Dean Goods' sported a number of liveries. The majority spent their GWR years in plain green but some received fully lined green too. BR chose to paint them in unlined black, even though they were still used on a number of passenger turns in mid-Wales, with the exception of 2579 which was for some reason fully lined out. During war service they carried various liveries with khaki being the most predominant.

If it had not been for their remarkable efforts in two world wars, the 'Dean Goods' would perhaps have not become as well known as they have done. For much of their lives they spent their time working workaday trains in everyday circumstances, often ignored, with much of this work being carried out on obscure lines which were not much visited by enthusiasts. Their simple design and workmanlike construction were a fine testament to both their designer and to the workmen who built them and it is therefore fitting that a new model has been introduced that will finally enable modellers to appreciate the simple beauty and usefulness of this class. [Alan](#)





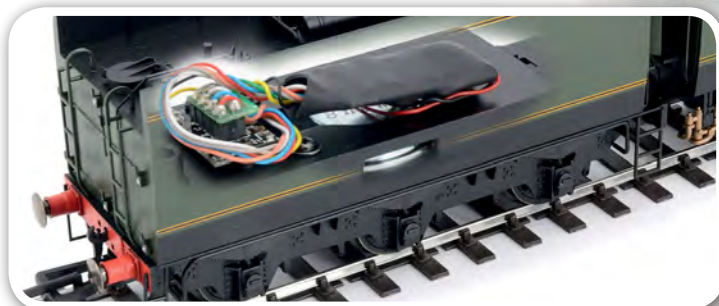
# Hornby TTS Treatment for 'Merchant Navy'

● Price: £209.99 ● Cat No: R3382TTS ● DCC: TTS sound, 8-pin socket ● Site: [www.hornby.com](http://www.hornby.com) ● Era: 4

**H**ORNBY'S newly-tooled 'OO' gauge Bulleid air-smoothed 'Merchant Navy' 4-6-2 (HM116) gains the manufacturer's Twin Track Sound (TTS) digital decoder for this latest release. Finished as 35023 *Holland-Afrika Line* in BR lined green with early crests, the model represents the Exmouth Junction allocated prototype during the 1950s prior to rebuilding in February 1957.

Brimming with fine detail including lamp irons, separate smokebox door dart, sprung metal buffers and delightfully decorated cab interior, this release stands out from the crowd thanks to its onboard digital sounds including eight different whistles, injector and blower sounds, safety valve, guard's whistle, coal shovelling, wheel slip and more.

Located within the locomotive's tender, Hornby's 8-pin TTS decoder boasts 19 sound functions for this release plus the ability to toggle



The 8-pin Twin Track Sound decoder is mounted in the tender together with a 28mm round speaker.

between exhaust and coasting audio. Each of the onboard sounds are generally very good, although the exhaust beat to wheel revolution ratio doesn't match as it should for the complex 'Merchant Navy' sound. That said, the decoder is responsive, demonstrating smooth running characteristics under Digital Command Control

## British Railways 'BB' from Hornby

● Price: £164.99 ● Cat No: R3525  
● DCC: DCC ready, 8-pin socket  
● Site: [www.hornby.com](http://www.hornby.com) ● Era: 4

A second Malachite green liveried Bulleid air-smoothed 'Battle of Britain' 4-6-2 has been introduced by Hornby as a follow up to its Southern Railway liveried model of 21C168 *Kenley* (HM121), only this time it is finished with British Railways lettering on the tender as s21C159 *Sir Archibald Sinclair*.

Built at the Southern Railway's Brighton Works in 1947, the prototype was named after the British politician in February 1948 and unveiled in a ceremony at London Waterloo station, in recognition of Sir Archibald Sinclair's role as Secretary of State for Air during the Second World War. Allocated to Nine Elms motive power depot at the time, it is in this condition that Hornby has modelled the locomotive, prior to its renumbering to 34059 a year or so later.

Whilst the air-smoothed 'Pacific' has previously appeared as 21C159 in Southern Railway (SR)



malachite green as part of a 'Bournemouth Belle' train pack (Cat No. R2661M – released in 2009), this latest release differs in that it now carries British Railways lettering, 's' prefix to its number and *Sir Archibald Sinclair* nameplates. The distinctive Southern smokebox door ring has been retained, as has Bulleid 'sunshine' lettering and numbers.

Application of the colour scheme is very good with an evenly-applied SR malachite green and black paint finish and crisply printed yellow lining. Bodyside plaques are

superbly reproduced, although the lettering to the blue-backed nameplates on our review sample appeared slightly skewed.

An 8-pin Digital Command Control (DCC) decoder socket is housed within the semi-permanently coupled tender together with a speaker mount for digital sound installations to accommodate a 28mm round speaker. Small tension lock couplings, NEM coupling pockets and a separate detailing pack.

Another useful livery variant, spanning the transition to nationalisation. (MC)



The fourth of Hornby's new air-smoothed 'Merchant Navy' 4-6-2s is 35023 Holland-Afrika Line in BR lined green with early crests.



(DCC) and you can play two sounds at the same time – effectively the main locomotive steam sound plus one other effect such as whistle or coupling clank, for example. However, the sounds will not operate if running under analogue (DC) control, although the model will operate on analogue control with the decoder fitted. Full

details are included in the instruction manual.

Decoration is excellent with a high-quality paint finish, exquisite nameplates and crisply printed lining, numbers and 72A (Exmouth Junction) shed plate.

As with previous releases, the model comes with factory-fitted brake rods and a separate

pack containing cylinder drain cocks, bufferbeam pipes, steps and a small tension lock coupling for the front NEM pocket, if required.

At just a small premium over the standard models, this sound fitted version represents excellent value for money, but be quick, as this TTS-fitted release is sure to prove popular. (MC)

## TTS for *Earl of St Germans*



- Price: £199.99 ● Cat No: R3383TTS
- DCC: TTS sound, 8-pin socket
- Site: [www.hornby.com](http://www.hornby.com) ● Era: 5

Collett 'Castle' 5050 *Earl of St Germans* is the latest recipient of Hornby's Twin Track Sound decoder. It offers a value for money introduction to the world of digital sound inside the well respected Hornby GWR 4-6-0 which, with a high-end sound decoder fitted, would cost in the region of £75 more.

Externally, 5050 matches the high standard of production that we expect for a Hornby 'Castle' with crisp application of all colours including BR lining over the BR green base

colours. Add to this a copper capped chimney, brass safety valve bonnet and brass painted finishing around the splashers and cab and it all adds up to the epitome of a Great Western locomotive in the BR era. It is modelled with large early crests on the tender sides making it ideal for the 1950-1956 period, although the 89A (Oswestry) shedcode on the smokebox doesn't appear in our data for 5050.

On the track, the sample performed smoothly and quietly without the sound switched on on both analogue and digital control while the decoder offers an array of 15 sound functions

including boiler, exhaust and coasting, a selection of whistles, safety valves, guard's whistle and more. The only downside is that the decoder doesn't allow the exhaust beat to match the revolution of the wheels.

This is an attractive package and a great way to test the water of digital sound. Plus, if you decided to upgrade in the future, you could simply connect a high end decoder into the 8-pin socket and use the pre-fitted speaker as the 40hm design included is suitable for use with the current LokSound and Zimo sound decoders. (MW)





'OO' GAUGE

# Hatton's brings forward its 'Warwells'

**FIRST  
REVIEW**

● Price: £33 ● Cat No: Various ● Site: [www.hattons.co.uk](http://www.hattons.co.uk) ● Era: 3-9

**T**HE NEW 'OO' gauge model of the 1942-introduced 'Warwell' 50ton bogie well wagon has been brought forward by Hatton's allowing it to make its debut some three months ahead of schedule. This all-new product is the first Hatton's has produced entirely by itself without working with a third-party manufacturer to liaise with the factory. And impressive it is too. Hatton's is delivering a range of vehicle types on the 'Warwell' frame covering original pattern vehicles with diamond bogies, those converted as rail carriers, bolster deck wagons and post-1970s vehicles with Gloucester GPS bogies.

For review we received a selection of four vehicles to examine which cover the main body and bogie variations: London and North Eastern Railway grey 'Warwell' with diamond frame bogies (Cat No. H4-WW-003), 'Warwell' with steel/rail carriers in BR weathered bauxite (H4-WW-010), 'Warwell' in BR grey with bolster deck conversion (H4-WW-011) and 'Warwell' in MOD 1970s olive green with Gloucester GPS bogies (H4-WW-014). On opening the box you are presented with a nicely weighted wagon, thanks to its die-cast body, fitted out with free running turned metal wheels, NEM coupling pockets with small tension lock couplings and even sprung metal buffers – a rarity on a ready-to-run wagon.

The die-cast body is impressively fine with intricate rivet head patterns on the side and plates to

support the deck. On top there are plated track routes on the curve into the well while the central deck models the wooden finish of the real vehicles together with correctly located handwheels for early and late wagons. The stabilising jacks are modelled on the early and late 'Warwells', while the repurposed wagons correctly omit these details. Also noteworthy are the round head buffers on the early vehicles with the top edge cut straight while the later post-1970s 'Warwell' has oval buffers.

Underneath, Hatton's has done a superb job of replicating the under-body equipment – and perhaps better than we expected. You will find vacuum and air tanks, brake rigging and even full length piping. Plus, with the included detail pack you can add a full set of brake pipes and dummy screw link couplings to each bufferbeam.

The bogies, as stated, have turned metal wheels set inside plastic sideframes of the correct design for

each vehicle's era. One small point here is that the small tension lock couplings are quite long and lead to a 15mm gap between buffers when two vehicles are coupled

together, although shortening this will be a simple modelling process to reduce both the pocket and coupling shank length.

All in all, Hatton's has delivered a







superb model of a vehicle which has plenty of potential for 'OO' scale modellers, whether in block trains of tank movements or as part of engineering trains in their converted

forms. With their long lifespan and wide sphere of operation, virtually any layout owner can indulge in these new wagons. Excellent and available now. (MW)



## RECOMMENDED READING

### BRITISH RAILWAYS IN THE 1960s

SOUTHERN REGION

**Author:** Geoff Plumb

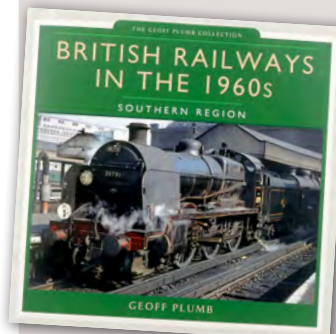
**Publisher:** [www.pen-and-sword.co.uk](http://www.pen-and-sword.co.uk)

**Title:** British Railways in the 1960s – Southern Region

**ISBN:** 978-1-4738-2393-8

**Price:** £25.00

**Spec:** 168 pages, hardback



**W**ITH REGULAR steam operation on British Rail's (BR) Southern Region coming to an end 50 years ago on July 9 1967, this timely release from Pen and Sword is most welcome.

Featuring a superb collection of photographs of BR Southern Region operations in the 1960s through the lens of its author, Geoff Plumb, the volume also captures many images of the final years of steam on the South Western Main Line out of London Waterloo.

Whilst the transformation to newer electric and diesel traction was underway, the general decay of steam depots and yards abounded and this has been captured well throughout with work-worn and weather-beaten locomotives captured at rest and withdrawn examples awaiting their final call to the scrapyard.

The volume is presented in landscape format with more than 150 colour and black and white photographs on high-quality paper and follows the format of one image per page throughout.

Reproduction is superb, with clear detail and key colour differences visible, as well as useful 'in-service' weathering inspiration – perfect for modellers. (MC)

## SCENIC SETS FROM LIFECOLOR

● Price: £17.99 ● Cat No: Various ● Site: [www.airbrushes.com](http://www.airbrushes.com)



Three new sets of high-quality acrylic paint have arrived from LifeColor, each containing six 22ml plastic jars with enormous potential for the scenic modeller. With shades ranging from a deep blue-grey to a soft sandstone,

Stone Grey shows just how diverse the colour of stone can be. White Wood confirms that bare wood, once weathered, isn't brown at all, but an infinite variety of silver-grey shades found on everything from wagon interiors to lineside

structures of all kinds. Leaking & Stains, meanwhile, enables you to add the final touches to urban and rural buildings with a selection of damp, mouldy-looking tones that perfectly capture everyday reality. (TS)



## 'OO' GAUGE

# Oxford Rail release BR 57ft Carflat

● Price: £29.95 ● Cat No: OR76CAR001 ● Site: [www.oxfordrail.com](http://www.oxfordrail.com) ● Era: 5-6

**T**HE latest addition to the Oxford Rail rolling stock portfolio is the BR 57ft Carflat for 'OO' gauge. It touched down in BR bauxite livery during June and models the vehicles built using ex-LMS 57ft underframes as opposed to Bachmann's planned version which will model the 63ft Mk 1 based Carflats.

Oxford's Carflat is delivered with a pristine finish in this case and models the vehicle at the start of its career – this particular flat, B748747, being built at Horwich works in 1964 to diagram 1/088. Hallmarks included LMS pattern bogies, large round buffers and underframe trusses to the outside. While the mouldings are to a high standard throughout, close inspection during photography revealed flash on the side rails in a couple of places.

Even so, the Carflat models the real vehicles well and, while at first glance the buffers looked too big, prototype images suggest that they are the correct size for those used on these flats. Also worthy of note is that the bogie

springs are separately fitted parts (one on our sample had worked loose in transit, so beware on opening the box) while there are also NEM coupling pockets, small tension lock couplings



## 'OO' GAUGE

# Sankey Motorail signs

● Price: £3.20 per pack ● Cat No: Various ● Site: [www.sankeyscenics.co.uk](http://www.sankeyscenics.co.uk) ● Era: 6-8

New to the Sankey Scenics range of accessories are these 'OO' gauge packs of British Rail Motorail signage.

With suitable 'OO' gauge BR Mk 1 General Utility Vans (GVs) and forthcoming models of Motorail Carflat car-carrying vehicles imminent from Oxford Rail and in development by Bachmann, these packs are perfectly timed for modelling this traffic source.

Sankey's new range consists of 16 route specific packs containing either BR Western Region style destination panels or BR carriage roof boards and a useful Motorail terminal detailing pack. Destinations include Aberdeen, Bristol, Carmarthen, Edinburgh, Exeter, Fishguard, Inverness, Newcastle, Newton Abbott, Swansea and more.

For review, we received three packs encompassing Birmingham to St Austell, Kensington to Penzance and London to Perth services, together with the terminal detailing pack. Destination packs contain either 32 white/black 7mm x 6mm bodyside

panels or 24 blue/white 38.5mm x 2mm carriage roof boards together with ten white/black 43.5mm x 8mm Motorail panels for use with Carflat or Cartic 4 car-carrying wagons. In addition, a smart set of 24 blue 18mm x 7mm Motorail branded windscreen protectors are also included.

Rail alphabet typeface and red BR double-arrow devices are neatly printed to a high resolution on A5 photographic paper, while each element simply requires cutting from the sheet with a sharp knife or pair of scissors.

The Motorail terminal detailing pack contains a wide selection of platform indicator boards, directional and informational signage, temporary ground signs, speed limits, poster and timetable panels and is representative of the type used at Motorail's Kensington Olympia terminal until its closure in the early 1980s.

Full instructions are included and bespoke packs can be supplied too. (MC)







**Oxford Rail's new BR 57ft Carflat is an attractive new addition suitable for use with passenger stock as well as in mixed goods and block formations.**

and turned metal wheels too. The coupling pockets are body, rather than bogie, mounted. Presentation of the livery artwork is smart with fine lettering on the data boards on each side together with neatly printed 'No Loose Shunting' warnings on the wagon end doors. The bump stops used to support the drop gates at each end are also modelled.

The new Carflat is an unusually attractive vehicle for what is essentially a flat wagon. Loaded with cars and running at the back of a passenger train - or in a block train loaded with new cars - it will add a new flavour of traffic for model railway layouts set from the early 1960s into the 1980s. Available now and perfect for loading with Oxford Diecast vehicles. (MW)

#### 'HO' GAUGE

## Busch's road is flexible

● Price: £4.10 ● Cat No: 9750 ● Site: [www.goldenvalleyhobbies.com](http://www.goldenvalleyhobbies.com) ● Era: Any

A recent addition to the Busch 'HO' scale range of detailing materials is this metre-long strip of asphalt road. Manufactured from a flexible grey synthetic material, its textured appearance features a solid white line along either side of its length together with a broken white line through the centre.

Measuring 1,000mm x 79mm, the self-adhesive backing paper can be peeled away and the road material fixed in place. It can be gently curved to create corners. Although produced primarily for 'HO' scale, it can also be used in conjunction with 'OO' vehicles. Quick and easy-to-use. (MC)



## RECOMMENDED READING

### BRITISH TOY TRAINS VOLUMES ONE-THREE

**Author:** Michael D. Foster

**Publisher:** Michael D. Foster

**Title:** *British Toy Trains* Volume 1, 2 and 3

**ISBN:** Vol 1: 978-0-9932047-0-8

Vol 2: 978-0-9932047-1-5

Vol 3: 978-0-9932047-2-2

**Price:** £18-£24 each

**Spec:** 132/144/208 pages respectively, softback



**T**ODAY'S HIGHLY DETAILED model railways owe a lot to the foresight of toy manufacturers a century ago. Whilst they may bear little resemblance to the models of today, the brightly-coloured tinplate toy trains of yesteryear have become highly collectable and sought after in their own right, and so began a fascinating journey of inspiration and railway modelling.

With his recently-released third volume of *British Toy Trains* now available, Michael D. Foster has spent the past 30 years meticulously tracking and tracing the history of these desirable models and covers lesser-known brands including A Wells, Brintoy, British Marx, Burnett, Chad Valley, Palitoy and more.

Each of the three volumes features a history of the respective manufacturers and includes advertising literature, price lists, instruction leaflets, factory location maps, catalogue illustrations, archive images and even patent applications and adverts explaining production delays to potential customers during the Second World War.

Richly illustrated with images of standard production models, rare releases and novelty items, such as a Mickey Mouse handcart and circus train, each chapter charts the progress of clockwork, battery and electrically operated tinplate toy trains throughout the first half of the 20th century.

Clearly more than a historical record, the passion of the author for his subject shines through with many questions posed and some wonderful insights to the characters behind the companies too, such as the Palitoy designer who went on to develop Action Man and a well-known branded lemon-juice squeezer...

Engaging text and delightful images of a bygone era, these three volumes present an outstanding history of British tinplate toy trains, some of which may have been forgotten – until now. (MC)



# Golden Valley 'Janus'

## IMPRESSES FOR INDUSTRY

A new industrial diesel has landed in 'OO' – but how has the maker dealt with myriad detail differences between prototypes?

**MARK CHIVERS** finds out.

### THE DETAILS

<b>Manufacturer:</b>	<a href="http://www.goldenvalleyhobbies.com">www.goldenvalleyhobbies.com</a>
<b>Cat No:</b>	GV2012
<b>Description:</b>	Yorkshire Engine Company 'Janus' 0-6-0, No.6 Roger H Bennett, NCB blue
<b>Scale:</b>	'OO'
<b>Price:</b>	£89.99
<b>Era:</b>	9
<b>DCC:</b>	DCC ready, 8-pin socket
<b>Couplings:</b>	Small tension locks in NEM pockets

**FIRST  
REVIEW**





**I**NDUSTRIAL PROTOTYPES are popular right now, as manufacturers cast a glance at alternatives to main line locomotive classes. Indeed, many industrial locomotive types complemented their larger main line counterparts at exchange sidings and industrial complexes, and these subjects are now increasingly popular to model. New to 'OO' gauge from Golden Valley Hobbies (GVH) is the Yorkshire Engine Company (YEC) 'Janus' 0-6-0 diesel shunter commissioned from Oxford Rail.

Built between 1956 and 1965, more than 100 diesel-electric 'Janus' 0-6-0s were constructed at the company's Meadowhall Works in Sheffield, predominantly for use within the steel industry

as well as mining, quarry, refinery and port applications. As might be expected, there were variations across the build, particularly regarding lighting positions together with a large number of modifications during the locomotives' careers. A handful were exported abroad.

Powered by a pair of Rolls Royce C series C6SFL six cylinder engines (a small number featured Cummins prime movers) with British Thomson-Houston (BTH) traction motors, these 48ton shunting locomotives proved capable and reliable, with examples at Scunthorpe steelworks clocking up around 60 years in regular use. With a top speed of 23mph and 30,000lbs tractive effort, they were ideal for their intended use.

## THE MODEL

Announced at the Warley National Model Railway Exhibition in November 2015 (HM103), four versions of the 'Janus' have been produced for GVH in National Coal Board (Cat No. GV2012), British Steel Corporation (GV2013), British Petroleum (GV2014) and Port

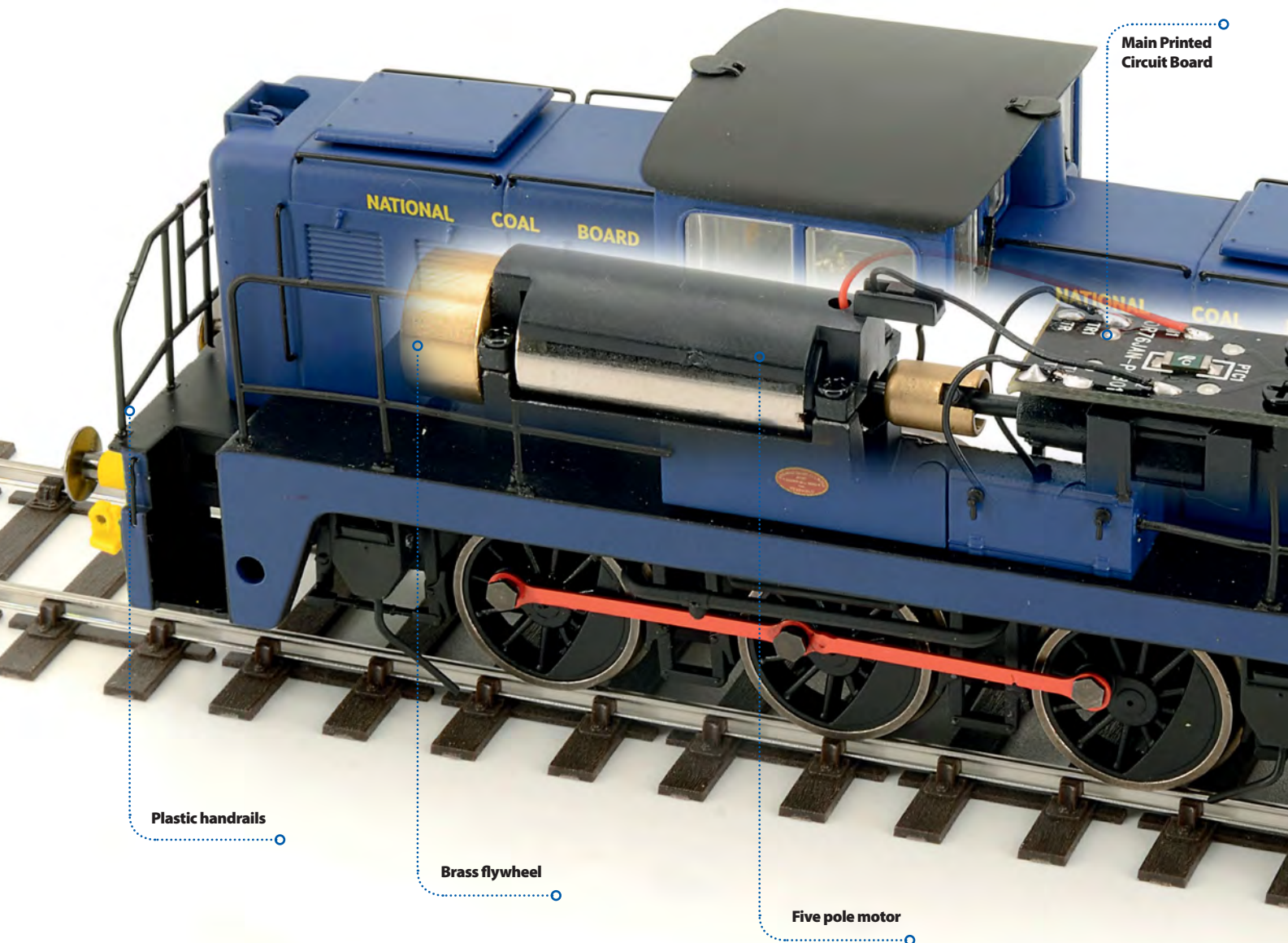
of London Authority (GV2015) liveries, and represent Oxford Rail's 'OO' gauge diesel debut. First to arrive for review is YEC 'Janus' 0-6-0 No.6 *Roger H Bennett* in National Coal Board (NCB) blue, depicting the prototype in as-preserved condition at the Churnet Valley Railway (CVR) in Staffordshire. One of seven built for the NCB, it was completed in 1959 and allocated to the nearby Littleton Colliery. It was named *Roger H Bennett* shortly after its arrival at the CVR in 2008.

Oxford Rail has certainly captured the look of the prototype well with its symmetrical design, elegant curves and a delightful cab interior. Separately applied details include cab windscreen wipers, fine etched metal exhaust covers, bonnet mounted grab handles, sandboxes, sandpipes, brake gear, fixed metal buffers and moulded plastic handrails/stanchions along the running plate and over the bufferbeam at each end. However, these latter elements are quite delicate and appeared slightly distorted with a tendency to 'lean' on our review sample. Closer inspection also revealed a few moulding 'pips', presumably from where the parts have been removed from sprues during manufacture.

Moulded detail in general is well-crafted with good definition to bonnet panels, vents, battery boxes, radiators and cab windows while the die-cast metal running plate and underframe are also superbly rendered with steps, bufferbeam bolt head detail, filler caps, brake >>







Plastic handrails

Brass flywheel

Five pole motor



gear, cylinders and pipework in place. Brake shoes sit in line with the 12-spoke wheels.

Inevitably, detail differences exist between 'Janus' 0-6-0 prototypes and, given that it has not been possible to tool for every instance, a few compromises have crept in with this release. These include the small circular hole to the lower left of the running plate on each side, which isn't present on its preserved counterpart, lack of bonnet-mounted headlights and omission of running plate equipment cabinets and air brake pipes, which appear to have been later modifications on the real locomotive. The metal buffers, lovely as they are, also appear slightly undersized compared with images of the prototype, while the bufferbeam bolt head arrangement also appears different.

Decoration is impressive - with an evenly-applied NCB blue paint finish, black walkways and yellow bufferbeams. Printed detail is equally accomplished with crisp yellow NCB lettering, nameplates, builder's plates, numbers and legible fuel gauges. YORKSHIRE plates and BTH plaques are also neatly printed at each end. However, the icing-on-the-cake has to be the exquisitely detailed cab interior with finely printed gauges, dials, control handles and small details picked out. Flush glazing throughout affords good views of the cab interior.

## PERFORMANCE

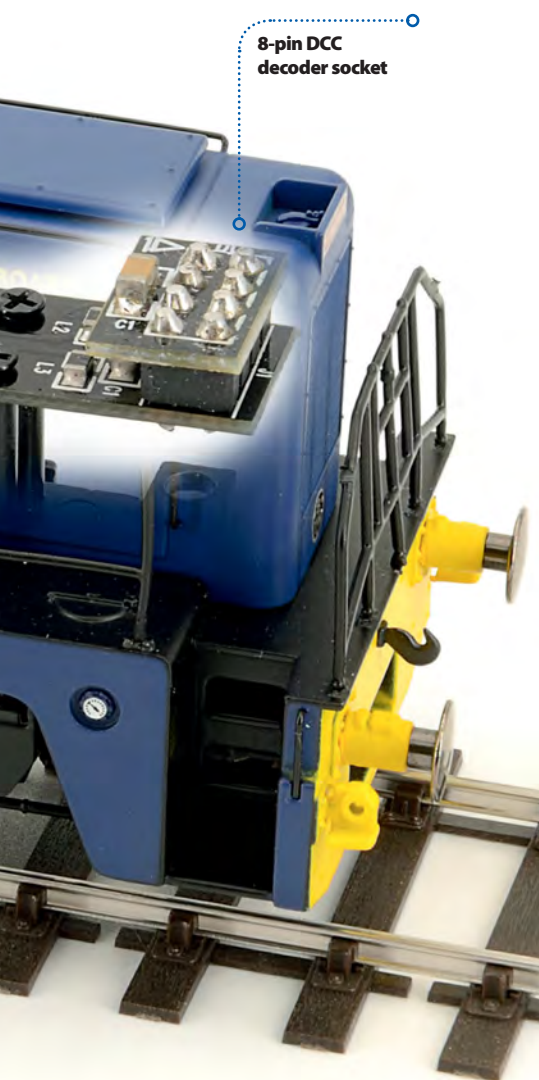
A powerful five-pole skew wound motor with brass flywheel is fitted under the bonnet to one end, with power collected through all-wheel brass wiper pick-ups, while an 8-pin Digital Command Control (DCC) decoder socket is located at the opposite end. Space is available for digital speaker installations and DCC sound-fitted examples are also being produced, employing ESU V4.0 Loksound technology and a sound project by Ian Bishop (Legomanbiffo). There are no lights fitted to the 'Janus'.

Access to the motor is straightforward, with four body retaining screws located at each corner of the chassis. To complete the body removal, you simply unclip both small tension lock couplings from their NEM coupler pockets, hidden behind slots in the bufferbeam.

On test our review sample displayed smooth, positive and quiet running characteristics, aided by its die-cast metal chassis, hauling a rake of 20 wagons with ease through a series of curves and turnouts on *Hornby Magazine's* 'OO' gauge office test layout Topley Dale.

Incidentally, if you're looking for some appropriate rolling stock, GVH has commissioned Oxford Rail to produce four triple-packs of seven-plank open wagons in appropriate liveries including British Steel





8-pin DCC decoder socket

Corporation (GVH6013), White May and Royal Standard BP Lamp Oils (GVH6014) and Port of London Authority (GVH6015) liveries.

Our review pack of National Coal Board liveried examples (GVH6012) were neatly decorated with NCB bauxite exteriors, darker brown interiors, white NCB lettering and individually numbered as vehicles 84, 99 and 127. Turned metal wheels, small tension lock couplings in NEM pockets and metal buffers complete the package. Each of the four triple-packs is priced at £29.99 with 500 of each being produced.

## OVERALL

Golden Valley Hobbies' YEC 'Janus' 0-6-0 is a super new addition to 'OO' and it looks good and runs well. Whilst there are no lighting functions on the model, it is perhaps understandable when considering the variation of light fittings on the real locomotives. Not only that, the associated costs would likely increase the price above the £100 mark. As it is, this model represents excellent value at a smidgeon under £90. Yes, there are a few detail compromises with this particular release, but it certainly doesn't detract from an exciting and enticing package that is sure to inspire some industrial installations. It deserves to be popular. (MC)

## 'JANUS' LIVERY CHOICES



Brisith Steel No. 5 in BSC yellow and white (Cat No. GV2013).



Port of London blue 201 (Cat No. GV2015).



BR operated 'Janus' in light blue (Cat No. GV2014).



'OO' GAUGE

# Latest 'Jubilee' curries



**B**ACHMANN'S 'OO' gauge Stanier 'Jubilee' 4-6-0 receives early British Railways

lined black livery for its latest outing as 45575 *Madras*. Built by the North British Locomotive Company, the prototype entered traffic with the London, Midland & Scottish Railway (LMS) in 1934. Following just over 28 years in front-line passenger service, *Madras* was withdrawn in 1963.

This latest release depicts 45575 following its renumbering in August 1948, allocated to Glasgow Cokerhill depot and paired with a Stanier 4,000 gallon tender with riveted sides. Refinements include single chimney smokebox, BR style smokebox numberplate, separate

smokebox door dart, sprung metal buffers, safety valves, whistle, lamp irons and a set of fine wire sand pipes. In addition, the 'Jubilee' also features an opening smokebox door, sliding cab roof ventilator hatch and removable coal load in the tender, with residual load underneath.

Application of the adapted LMS black livery is superb and features a rich satin paint finish, relieved with impressive maroon and straw lining, crisply printed BRITISH RAILWAYS lettering, numbers, nameplates and 30A shed plaque.

Decoration is extended to the cab interior too with pipework and levers painted appropriately.

The tender is semi-permanently coupled with a metal drawbar and Bachmann's four-wire plug and socket arrangement while the locomotive has a five-pole motor and the tender contains the 21-pin Digital Command Control (DCC) decoder socket and space for a digital sound installation with a 28mm round speaker.

Factory-fitted small tension lock couplings

'N' GAUGE

# Farish VTG grey JGA bogie hopper

- Price: £34.95
- Cat No: 377-103
- Site: [www.bachmann.co.uk](http://www.bachmann.co.uk)
- Era: 9





# favour

- **Price:** £164.95
- **Cat No:** 31-190
- **Control:** DCC ready, 21-pin
- **Site:** [www.bachmann.co.uk](http://www.bachmann.co.uk)
- **Era:** 4



in NEM coupling pockets and a separate pack of detail parts including brake rodding, front steps, cylinder drain cocks, cab doors and windows complete this elegant release. (MC)

## wagon

Bachmann's 'N' gauge Graham Farish range has seen the arrival of this new livery on the JGA bogie hopper wagon in plain VTG grey.

Finished as JGA 19214, it is representative of freight rolling stock used on aggregates traffic, such as that to and from the Peak District. Bachmann's suite of tooling caters for detail differences between wagons and this release comes with flush access doors at each end but correctly omits the top canopy as well as the ladder, steps and walkway which appear at one end on some examples.

Capturing the shape of the prototype well, the model includes smart moulded underframe discharge doors, distinctive white disc handbrake wheels, rectangular buffers, Y25 bogies, metal wheels and Rapido couplings in NEM pockets.

A handy release of a capable and contemporary prototype. (MC)

### 'OO' GAUGE

## Bachmann releases early BR 'E4'

- **Price:** £119.95
- **Cat No:** 35-079
- **Control:** DCC ready, 6-pin
- **Site:** [www.bachmann.co.uk](http://www.bachmann.co.uk)
- **Era:** 4



Bachmann's 'OO' gauge London Brighton & South Coast Railway (LBSCR) 'E4' 0-6-2T returns for its first appearance in BR lined black with early crests, as 32494.

Built at Brighton Works in the late 1890s, 32494 represents the prototype following its renumbering in 1949, allocated to Newhaven in East Sussex, a sub-shed of Brighton. Its eventual withdrawal followed ten years later.

This latest release correctly carries 75A (Brighton) shedplates and plenty of separately applied details including wire handrails, smokebox door dart, full complement of lamp irons, metal buffers and cab roof mounted whistle. Closer inspection reveals raised rivet detail to

the smokebox door, steam injector, side clacks and closed coal rails with removable coal load.

Decoration is evenly applied, with a high-quality black satin paint finish with crisply printed boiler bands and fine lining on the tanks together with refined numbers and British Railways crests. Cab detail is equally superb with levers and pipework picked out in appropriate colours – even the gauge glasses are depicted.

Southern Region route indicator discs, brake rodding and bufferbeam pipes are amongst the separately supplied pack of detail parts.

A useful mixed traffic engine and ideal partner for Bachmann's forthcoming South Eastern and Chatham Railway 'Birdcage' stock. (MC)

### 'N' GAUGE

## Satlink GUV lands in 'N' gauge

- **Price:** £30.95
- **Cat No:** 374-135
- **Site:** [www.bachmann.co.uk](http://www.bachmann.co.uk)
- **Era:** 8



British Rail's Signal and Telecom (S&T) department's bright red and yellow colour scheme adorns Bachmann's 'N' gauge Graham Farish Mk 1 General Utility Van (GUV) for this latest release.

Together with 'Satlink' branding, the distinctive livery was applied to many wagons and vans operating under the S&T department's auspices including KDB977557. It was converted from BR Mk 1 GUV 93650 for use as a tool van in the late 1980s and allocated to the Regional S&T Engineer, Western Region.



Application of the colourful livery is superb with crisp separation between colours, neatly applied lettering and stencilled 'Satlink Western' typeface. Other small details include solebar lettering and impressive legible BR S&T logos.

Rapido couplings in NEM pockets and turned metal coach wheels are fitted as standard while a pack of additional detail parts is included with dummy buckeye couplings, coupling hooks and vacuum pipes.

Sure to add a splash of colour to an engineers' train or siding. (MC)



## PHONE/ORDER HOTLINE

(0114) 2551436

Open 9:00am - 5:00pm

24 Hr Answerphone service for orders



## RAILS OF SHEFFIELD

## SHOP OPENING HOURS:

9:30am - 5:00pm

Monday - Saturday

Free parking outside the door!

## HORNBY

## HORNBY

## FULL RANGE STOCKED AT BARGAIN PRICES

R3261	Network Rail 0-6-0 Class 08 A17 Diesel Shunter	£69.50
R3276	Railroad LMS 4-4-0 Compound with Fowler Tender	£44.50
R3285TTS	Railroad LNER Blue 4-6-2 GWR 44 Class Loco with TTS Sound	£69.50
R3299	'Going Home' - 1945-2015: 70th Anniversary of the end of the Second World War Train Pack - Limited Edition	£195.00
R3326	BR Black 0-6-0T J50 Class Locomotive - Late BR	£69.50
R3335	LSWR 4-4-2T Adams Radial 415 Class - LSWR Preserved	£89.50
R3343	First Great Western Class 08 822 Diesel Shunter 'John'	£79.50
R3356	Railroad BR 2-10-0 Crossi Boiler 9F Class (early BR) Heavily Weathered	£89.50
R3371	Railroad LNER 4-6-2 'Mallard' A4 Class Locomotive	£64.50
R3374	BR Class 71 '10121' - BR Blue	£89.50
R3382TTS	BR 4-6-2 'Holland-Afrika Line' 35023 Merchant Navy (Unrebuild) Early BR with TTS Sound	£169.50
R3383TTS	BR 4-6-0 'Earl of St Germans' 4073 Castle Class - BR Early with TTS Sound	£159.50
R3389TTS	Hornby Bo-Bo Class 67 'Cairn Gorm' #7004 Caledonian Sleeper TTS Sound	£99.50
R3390TTS	Class 43 HST Virgin Rail East Coast with TTS Sound	£159.50
R3393TTS	Railroad RHD Class 47 47033 with TTS Sound	£69.50
R3394TTS	Railroad Class 20 20163 Locomotive with TTS Sound	£84.50
R3395TTS	Railroad LNER 4-6-2 'Mallard' A4 Class Locomotive 4468 with TTS Sound	£79.50
R3396TTS	Railroad BR 2-10-0 92025 Franco Crossi Boiler 9F Class with TTS Sound - Early BR	£119.50
R3400	Golden Arrow Last Steam Train Pack - Limited Edition	£245.00
R3402	LNER Queen of Scots Train Pack - Limited Edition	£249.50
R3405	LNER 0-4-0T 'S85' J50 Locomotive	£74.50
R3422	SR 4-4-2T 3125 Adams Radial 415 Class Locomotive	£109.50
R3430	LNER 4-4-0 Holden B12 Class Locomotive	£142.50
R3431	BR 4-6-0 Holden B12 Class - BR Early Locomotive	£142.50
R3433	LNER 4-4-0 'Claud Hamilton' D16/3 Class Locomotive	£89.50
R3435	SR 4-6-2 'Royal Mail' 21213 Merchant Navy Class (Unrebuild)	£169.50
R3441	LNER 4-6-2 'Sir Murgor Wilson' A4 Class Wartime Bk Loco	£169.50
R3445	BR 4-6-2 'Camelford' 34032 West Country Class - BR Early Air Smoothed	£129.50
R3447	LNER 4-6-0 'Kilnseye' B17 Class Locomotive	£89.50
R3448	BR 4-6-0 'Welbeck Abbey' B17 Class - Early BR	£89.50
R3458	SR 4-4-0 'Shrewsbury' Schools Class Locomotive	£169.50
R3451	BR 4-6-0 'Stembok' 61032 Thompson B1 Class Locomotive	£137.50
R3453	BR 4-6-0 45274 'Black 5' Class SMT - Late BR	£114.50
R3454	GWR 4-6-0 'Dorset & Weymouth' 5717 Castle Class	£124.50
R3455	GWR 4-6-0 'Knight of St Patrick' 4013 4000 Star Class	£119.50
R3456	BR 4-6-0 'Sir Hervis De Neville' N15 King Arthur Class	£109.50
R3459TTS	BR Black (early) Fowler Class 2P 4-4-0 Locomotive 40626 TTS sound	£84.50
R3463	BR black (early) Class 52XX 2-8-0 tank locomotive 5231	£79.50
R3464	BR black (late) Class 72XX 2-8-2 tank locomotive 7224	£84.50
R3471	NSE Co-Co diesel electric 'Indomitable' 50026 Class 50 diesel	£119.50
R3478	FGW Western Region 'The Corps of Royal Electrical and Mechanical Engineers' Class 43 HST pack	£189.50
R3479	Class 60 60066 'Dax' diesel locomotive	£119.50
R3484	BR 0-6-0 13363 Class 08 diesel shunter locomotive	£109.50
R3485	0-6-0 'Laura diesel depot' Class 08 diesel shunter	£109.50
R3486	Co-Co diesel 'DPP' Worlds London Gateway' 66185 Cl. 66 loco	£59.50
R3487	Co-Co diesel 'James Nightgall' GC 66079 Class 66 locomotive	£69.50
R3497	Railroad BR 'D9016' Class 55 diesel electric	£44.50
R3504TTS	Class 08 DB Schenker 08623 with TTS Sound	£134.50
R3507TTS	BR 4-6-0 30832 S15 Class, Early BR with TTS sound	£144.50
R3508TTS	BR 4-6-2 'Flying Scotsman' 60103 Class, Brunswick green TTS sound	£179.50
R3509TTS	BR 4-6-2 'City of Birmingham' Princess Coronation Class (modified) with TTS sound	£169.50
R3515	'The final day' SR 4-6-2 'Kenley' Battle of Britain Class Air smoothed	£149.50
R3520	BR 4-6-2 'Coeur-de-Lyon' 30007 Britannia Class, Late BR	£144.50
R3521	LNER 4-4-0 8802 D16/3 Class	£109.50
R3522	BR 4-6-2 'Wiles Brevor' 60026, A4 Class, Early BR	£134.50
R3528	WGLR 0-6-0T '4' Stroudley Terrier Class	£67.50
R3531	BR 0-4-4T '30129' M7 Class, Late BR	£114.50
R3538	Wainwright H Class 0-4-4T SECR locomotive	£89.50
R3539	Wainwright H Class 0-4-4T Late BR locomotive 31518	£89.50
R3540	Wainwright H Class 0-4-4T SR locomotive 1324	£89.50
R3550	Peckett 0-4-0T B83 Lillies Hall Co.	£74.50
R3553	LMS 4-6-2 Duchess of Atholl Princess Coronation Class (modified)	£149.50
R3555	BR 4-6-2 'Sir William A. Stanier F.R.S.' Princess Coronation Class (modified) Late BR red	£149.50
R3557	LMS 4-6-0 'Royal Army Service Corps' 6126 Royal Scot Class	£142.50
R3559	SR 0-6-0 'C24' Q1 Class	£89.50
R3573	GBR Class 66 66751 Inspiration Delivered - Hitachi Rail Europe	£75.90
R3583TTS	BR Co-Co '37040' Class 37 BR Railfreight with TTS Sound	£79.50
R3585	Railroad BR InterCity '90135' Bo-Bo Class 90	£69.50
R3586	Railroad BR 4-4-0 Severn & Somers Schools Class, Early BR	£74.50

Please see our website for latest details of Hornby 2017 range.

## PRICE PROMISE

We guarantee the price of our forthcoming releases for Locomotives, coaches and wagons to be at least 10-25% less than the RRP at the time of release. We also offer large discounts on many of our railway accessory ranges.

We continually monitor other retailers to ensure that our prices are always competitive.

JUST LOOK FOR THE



DEBIT

## BACHMANN

## BACHMANN

## FULL RANGE STOCKED AT BARGAIN PRICES

31-014	Class 7F S&DR Plain Black 2-8-0 Locomotive #89	£125.76
31-015	Class 7F LMS Plain Black 2-8-0 Steam Locomotive #13810	£125.76
31-040	Class 450 4 Car EMU 450073 South West Trains	£271.96
31-147	Class D11/1 'Mons' GCR Green 4-4-0 Locomotive #501	£148.71
31-187DS	Jubilee Class Kashmir LMS Crimson (Welded Stanier tender) 4-6-0 Loco S508 (DCC Sound)	£203.95
31-190	Jubilee Class Madras Black BR Lined Bk (riveted Stanier tender)	£140.20
31-204	Patriot Class 5330 Sir Frank Re LMS Crimson	£131.50
31-214	Patriot Class 4-6-0 Giggleswick #45538 BR Green Early Emblem	£131.50
31-318A	Robinson Class J11 (GCR 9) LNER Plain Black 5954	£119.50
31-321DS	Robinson Class J11 (GCR 9) 64377 BR E/E DCC Snd & Whrd	£191.50
31-379	2EPB 2 Car EMU 5771 BR Green Small Yellow Panel	£167.50
31-380	2EPB 2 Car EMU 6262 BR Blue & Grey Network SouthEast	£167.50
31-434	Midland Class 4F 41803 British Railways Black	£76.50
31-435	Midland Class 4F 41726 BR Black Early Emblem	£76.50
31-440	Inverclyde Class 2MT 2-6-2 Tank #41243 BR Lined Black Early Emblem	£103.50
31-441DC	Inverclyde Class 2MT 2-6-2 Tank #41291 BR Lined Bk L/C (DCC o/b)	£123.50
31-480	G2A 9376 LMS Black with Tender Back Cab	£95.50
31-481	Inverclyde Class 2MT 2-6-2 Tank #41243 BR Lined Black Early Emblem	£103.50
31-590	Class 70 70015 Freightliner (Air Intake Modifications)	£44.46
31-591	Class 70 70005 Colas (Air Intake Modifications)	£44.46
31-614	Class V3 Tank #67609 BR Lined Black Late Crest Cranked Pipes	£103.50
31-615	Class V3 Tank #67690 BR Lined Black Early Emblem	£103.50
31-627B	Class 3F 3520 LMS Black Diesel Tender	£91.50
31-635A	Class 64xx GWR Green 0-6-0 Pannier Tank Locomotive 6424	£76.50
31-636A	Class 64xx BR Black Early Emblem 0-6-0 Pannier Tank 6422	£76.50
31-638	Class 64xx BR Lined Green L/C 0-6-0 Pannier Tank 6919 Withrd	£84.50
31-656	Class 47 47256 BR Green Full Yellow Ends (TOPS) Weathered	£119.50
31-661DS	Class 47 346 BR Dutch Livery Diesel Locomotive DCC Sound	£203.95
31-662	Class 47 359 BR Railfreight Grey (Metal Sector) Diesel Loco	£114.70
31-690	LMS Stanier Mogul Class #2955 LMS Lined Black	£127.50
31-691	LMS Stanier Mogul Class #42969 BR Lined Black Early Emblem	£127.50
31-692	LMS Stanier Mogul Class #42968 BR Lined Black Late Crest (Preserved)	£135.96
31-728	GWR 3700 Class 3708 Killarney Great Western Green	£111.50
31-883	Midland Class 4F 3848 Midland Black Crest	£91.50
31-884	Midland Class 4F 44044 BR Late Crest Weathered	£99.50
32-034A	Class 20 20141 BR Green Full Yellow Ends Weathered	£99.50
32-038DS	Class 20 #20124 BR Blue Indicator Disks - Weathered - SOUND	£179.50
32-067A	Class 43 Warship Powerful BR Blue Diesel Locomotive D836	£119.50
32-068	Class 43 Warship Rapid BR Mtn Fyll Ends Diesel Loco D838	£119.50
32-109	Class 08 631 Eagle Network South East Diesel Shunter Loco	£79.50
32-165	Southern N Class BR Lined Black Early Emblem Locomotive 31874	£123.20
32-166	Southern N Class SR Black 2-6-0 Locomotive 1406	£123.20
32-176	LMS Crab 42765 BR Lined Black Early Emblem	£115.50
32-178A	LMS Crab 13174 LMS Lined Black Welded Tender	£115.50
32-250A	WD Austery 'Major-General Mc Mullen' LMR Blue 2-8-0 Loco	£135.96
32-254A	WD Austery LNER Plain Black 2-8-0 Locomotive 77003	£135.96
32-289	Class 101 BR Relubricated White and Blue 2 Car DMU	£159.50
32-290DS	Class 101 Network SouthEast 2 Car DMU DCC Sound	£214.50
32-331	Class 25/1 #25043 BR Green Full Yellow Ends - Weathered	£87.95
32-353	BR Standard Class 4MT 80135 BR Green (Preserved)	£99.50
32-359A	BR Standard Class 4MT Tank 80092 BR Black Early Emblem	£103.50
32-376A	Class 37 422 Robert F Fairlie Regional RWs Diesel Loco Withrd	£123.20
32-377A	Class 37/4 37401 Mary Queen of Scots BR Blue Large Logo	£109.50
32-389	00 Scale Class 37/4 37421 Colas	£99.50
32-482	Class 40 97407 Aureol BR Blue Departmental Weathered	£123.50
32-483	Class 40 D338 BR Green Split Head Code Small Yellow Panel	£115.50
32-484	Class 40 BR 40159 BR Blue Centre Head Code Full Yellow Ends	£115.50
32-561	Class A1 60122 Curlew BR Express Blue Early Emblem	£143.50
32-575A	Inverclyde Class 4MT 3000 LMS Black	£99.50
32-580A	Inverclyde Class 4MT 43014 BR Late Crest Weathered	£99.50
32-733DS	Class 66 040 EWS Livery Diesel Locomotive DCC Sound	£208.21
32-737	Class 66 065 Ex-EWS (DBS Branding) Diesel Locomotive Weathered	£142.76
32-738	Class 66 711 'Sence' GRRF Aggregates Diesel Locomotive	£131.70
32-756	Class 57/6 57603 Tintagel Castle GWR New Livery Diesel Locomotive	£123.50
32-764	Class 57 305 Northern Princess Northern Belle Diesel Loco	£123.50
32-781B	Class 37 041 BR Blue Split Headcode Diesel Locomotive	£109.50
32-787	Class 37 D6714 BR Green Split Headcode Diesel Locomotive	£109.50
32-788	Class 37 284 BR Blue Centre Panel Headcode Diesel Locomotive	£109.50
32-858	BR Standard Class 9F 92189 BR Black L/Crest IF Tender Withrd	£135.50
32-880	Fairburn 2-6-4 Tank 2278 LMS Black Weathered	£103.95
32-881	Fairburn 2-6-4 Tank 42105 BR Lined Black E/Emblem Weathered	£107.50
32-939DS	Class 150/2 150236 Arriva Trains Wales 2013 Livery DCC Sound	£229.46
32-981	Class 66 66416 Freightliner Powerhaul	£123.50
32-982	Class 66 66434 DRS Plain Blue Compass	£123.50
32-993	Wickham Type 27 Trolley Car BR Engineers yellow Wasp Strips	£59.50
35-050	LNWR Webb Coal Tank 1054 LNWR Plain Black 1054	£101.96
35-051	LNWR Webb Coal Tank 7841 LMS Black	£101.96
35-052	LNWR Webb Coal Tank 58900 BR Black Early Emblem	£101.96

See our website for full 2017 range.

Colour coding:

No DCC

DCC READY

DCC Fitted/Sound

PLEASE NOTE:

All items currently in stock are despatched immediately. Forthcoming releases will be despatched immediately upon release. If your order contains both current items and forthcoming releases then these will be despatched separately and subject to separate delivery charges.

## GRAHAM FARISH

## GRAHAM FARISH

## FULL RANGE STOCKED AT BARGAIN PRICES

371-035	Class 20 Twin Pack Hunslet-Barclay	£159.50
371-036	Class 20 227 London Underground Diesel	£101.95
371-037	Class 20 205 BR Blue Diesel	£101.95
371-050C	Class D2283 BR Green Warning Stripes	£76.46
371-051C	Class 04 D2295 BR Blue with Wasp Stripes Diesel Shunter	£71.50
371-063	Class 03 D2383 BR Green Wasp Stripes Weathered	£84.96
371-064	Class 03 D3170 BR Blue Wasp Stripes and Air Tanks Weathered	£75.95
371-085A	Class 25/1 D5177 BR Green Diesel Locomotive	£101.95
371-087A	Class 25 225 BR Blue Diesel Locomotive	£101.95
371-166	Class 37/4 #37406 'The Salsire Society' Railfreight Distribution Sector	£97.50
371-167	Class 37/5 #37514 Railfreight Metal Sector Diesel Locomotive	£97.50
371-170	Class 37/4 37422 'Robert F Fairlie' Regional Railways	£103.65
371-171	Class 37 421 Colas Diesel Locomotive	£103.65
371-180	Class 40 D211 Maureancia BR Green Indicator Disks	£118.96
371-181	Class 40 D369 BR Green Centre Head Code Small Yellow Panel	£118.96
371-329	Class 150/2 #150247 BR Sprinter - Weathered	£143.50
371-350A	Class 60 60035 EWS	£99.50
371-357	Class 60 60057 'Adam Smith' BR Coal Sector	£99.50
371-383A	Class 66 66101 DB Schenker	£99.50
371-384A	Class 66 111 EWS Livery Diesel Locomotive	£106.21
371-397	Class 66 66434 DRS Plain Blue Compass	£99.50
371-504	N Scale Class 101 2 Car DMU BR Green	£139.50
371-505	N Scale Class 101 2 Car DMU BR Network SouthEast	£139.50
371-604	Class 42 Warship 'Onslaught' # D832 BR Green	£94.50
371-605	Class 42 Warship 'Cockade' #810 BR Blue Weathered	£99.50
371-650A	Class 57 306 'Jeff Tracy' Virgin Diesel	£106.21
371-651A	Class 57 008 Freightliner Explorer 'Freightliner Locomotive Weathered	£106.21
371-876DS	Class 108 2 Car DMU BR Blue	£219.50
371-877A	Class 108 2 Car DMU BR Blue & Grey	£139.50
371-880	Class 108 2 Car DMU BR Green Small Yellow Panel	£139.50
371-985	Class 64xx 0-6-0 Pannier Tank #6407 GWR Green	£75.50
371-986	Class 64xx 0-6-0 Pannier Tank #6403 BR Black Early Emblem	£75.50
371-987	Class 64xx 0-6-0 Pannier Tank #6400 BR Lined Green late Crest	£75.50
372-030	Castle Class 'Earl of Dunraven' #5044 GWR Lined Green	£118.96
372-031	Castle Class #5041 'Tiverton Castle' BR Green Early Emblem	£118.96
372-032	Castle Class # 5070 'Sir Daniel Gooch' BR Lined Green L/Crest	£118.96
372-033DS	Castle Class 'Nunbury Castle' GWR Preserved Livery Locomotive 5029	£186.95
	DCC SOUND	
372-060	Midland Class 4F #43924 BR Black Late Crest Fowler Tender	£95.50
372-061	Midland Class 4F #3851 LMS Black Johnson Tender	£95.50
372-062	Midland Class 4F #43875 BR Black Early Emblem Johnson Tender	£95.50
372-138	Class 5 #5190 LMS Plain Black	£103.50
372-139	Class 5 #45206 BR Lined Black Early Emblem	£103.50
372-181A	Princess Coronation Class Queen Elizabeth BR Green E/E Loco 46221	£144.46
372-184A	Princess Coronation Class Duchess of Rutland BR Crimson L/C Loco 4622	£144.46
372-210A	Class 3F (Jmty) 7309 LMS Black	£80.71
372-211A	Class 3F (Jmty) 47314 BR Black Early Emblem	£80.71
372-212A	Class 3F (Jmty) 47500 BR Black Late Crest	£80.71
372-310	Merchant Navy Class #35024 'East Asiatic' Company BR Blue E/E	£135.50
372-311	Merchant Navy Class 35023 Holland-Afrika Line	£135.50
372-312	Merchant Navy Class #35028 'Clan Line' BR Green Late Crest	£135.50
372-313	Merchant Navy Class 35021 New Zealand Line	£135.50
372-330	BR Standard Class 3MT Tank #82028 BR Black L/C - Weathered	£106.21
372-331	BR Standard Class 3MT Tank #82020 BR Plain Green Late Crest	£97.71
372-385	Class A2 'AH Peppercorn' #525 LNER Apple Green	£135.50
372-386	Class A2 'Bachelors Button' #60537 BR Brunswick Green E/E	£135.50
372-387	Class A2 60527 'Sun Chariot' BR Lined Green Late Crest	£135.50
372-536	Class 4MT Tank #80119 BR Lined Black Late Crest	£95.50
372-579	Rebuilt Royal Scot 'Royal Ulster Rifleman' #46122 BR Green Late Crest - Heavily Weathered	£119.95
372-628	Inverclyde Class 2MT BR Lined Black Late Crest 2-6-0 Locomotive 46443	£110.46
372-629	Inverclyde Class 2MT BR Early Emblem Weathered 2-6-0 Locomotive 46460	£118.96
372-653	BR Standard Class 4MT #76079 BR Lined Black Early Emblem	£103.50
372-931	N Class 2-6-0 #31844 BR Black Early Emblem	£103.50
372-932	N Class 2-6-0 #31811 BR Black Late Crest	£103.50
372-933	N Scale Class 2-6-0 B10 SWCR Grey	£103.50
372-976A	Class 24 D501 BR Green Diesel Locomotive	£101.95
372-980	Class 24 97201 Experimental RIC Livery Weathered Locomotive	£110.45



**dapol DAPOL**  
AT BARGAIN PRICES

N GAUGE OO GAUGE O GAUGE

**GOLD STAR STOCKISTS****FULL RANGE STOCKED**

Call us or see our website for more details and bargain prices

**ESU Loksound**  
AT BARGAIN PRICES

V4.0 Steam Sound	Classes A4 Pacific, A1/A2 Pacific, A1 Pacific 'Tornado'	£94.50
Decoder with Speaker	GWR Pannier 57xx, GWR Manor 78xx, BR/LMS Mogul, 4MT Tank, Jubilee, BR/LMS Fairburn, Ivatt Class 4, 3F Jinty, Bulleid Pacific	
V4.0 Diesel Sound	Classes 03/08/20/24/25/31/37/40/43 HST/44/45	£94.50
Decoder with Speaker	47/50/52/55/57/66/67/108 DMU/158 Sprinter	
DCCSFFIT	Fitting service for all OO gauge Steam Classes	£25.00
DCCDIFIT	Fitting service for all OO gauge Diesel Classes	£25.00

All sound decoders are available with either 8 or 21 pin connectors, several of the steam decoders are suitable for use in other locomotives. See our website for more details.

**DJ MODELS**  
AT BARGAIN PRICES

Call us or see our website for more details and bargain prices

**SOUNDS LIKE A GREAT DEAL!**

Hornby R328TTS Railroad LNER Blue 4-6-2 Gdwall A4 Class Locomotive with TTS Sound	<del>£110.00</del> £69.50
Hornby R3384TTS BR 4-6-0 King George I 6000 King Class Late BR with TTS Sound	<del>£109.50</del> £109.50
Hornby R3388TTS Bo-Bo Class 67 Cairn Gorm 67004 Caledonian Sleeper with TTS Sound	<del>£99.50</del> £99.50
Hornby R3390TTS Class 43 HST Virgin Rail East Coast with TTS Sound	<del>£129.99</del> £159.50
Hornby R3393TTS RailRoad Class 47 033 Railfreight Diesel Locomotive with TTS Sound	<del>£69.50</del> £69.50
Hornby R3395TTS RailRoad LNER 4-6-2 Mallard A4 Class Locomotive 4468 with TTS Sound	<del>£132.99</del> £79.50
Hornby R3396TTS RailRoad BR 2-10-0 92025 Franco Crosti Boiler 9F Class with TTS Sound - Early BR	<del>£154.99</del> £119.50
Hornby R3459TTS BR Black (Early) Fowler Class 2P 4-4-0 Locomotive 40626 with TTS Sound	<del>£94.50</del> £94.50

**SOUND CHIP OFFERS**

Hornby R328TTS chip Class A4 Steam Locomotive DCC TTS Sound Decoder and Speaker	<del>£39.50</del> £39.50
Hornby R3390TTS chips Pair of HST Class 43 Locomotive DCC TTS Sound Decoders and Speakers	<del>£79.50</del> £79.50
Hornby R3393TTS chip Class 47 DCC TTS Sound Decoder and Speaker	<del>£39.50</del> £39.50
R3396TTS Chip Hornby Digital Crosti Boiler Class 9F Steam Locomotive DCC TTS Sound Decoder and Speaker	<del>£44.50</del> £44.50

**LATEST HORNBY AT GREAT PRICES!!**

R3396 Railroad BR (Early) Franco Crosti Boiler Class 9F 2-10-0 Locomotive 92025 - DCC Ready	<del>£89.50</del> £89.50
R3465 HORNBY LNER 0-6-2T '4765' N2 Class	<del>£104.99</del> £59.50
R3486 Co-Co Diesel 'DP World London Gateway' 66185 Class 66 Locomotive	<del>£90.99</del> £59.50
R3500 The Sir Nigel Gresley Collection	<del>£549.99</del> £395.00
R3445 BR 4-6-2 Camelford 34032 West Country Class BR Early Air Smoothed	<del>£129.50</del> £129.50

**HELJAN**  
AT BARGAIN PRICES

OO GAUGE O GAUGE

**FULL RANGE STOCKED**

Call us or see our website for more details and bargain prices

**PHONE/ORDER HOTLINE****(0114) 2551436****Open 9:00am - 5:00pm****24 Hr Answerphone service for orders****HORNBY R3401 MEGA DEAL**  
RRP: £304.99 - £149.50  
**THE BRISTOLIAN PACK**

R3471 NSE Co-Co Diesel Electric 'Indomitable' 50026 Class 50 Diesel Loco	<del>£170.49</del> £119.50
R3479 Class 60 066 Drax 'Powering Tomorrow' Co-Co Diesel Locomotive	<del>£119.50</del> £119.50
R3487 Co-Co Diesel 'James Nightall GC' 66079 EWS Class 66 Locomotive	<del>£69.50</del> £69.50
R3373 BR Green Class 71 - ES001 electric Locomotive (NRM As Preserved)	<del>£99.50</del> £99.50
R3374 BR Blue Class 71 012 Electric Locomotive	<del>£149.99</del> £89.50
R3376 BR Green Class 71 - ES022 Electric Locomotive	<del>£99.50</del> £99.50
R3333 BR Black (Early) 4-4-2T Adams Radial 415 Class Tank Locomotive 30584	<del>£79.50</del> £79.50
R3276 RailRoad LMS 4-4-0 Compound with Fowler Tender	<del>£44.50</del> £44.50
R3356 railroad BR 2-10-0 Crosti Boiler 9F Class (early BR) Weathered 92021	<del>£89.50</del> £89.50
R3371 RailRoad LNER 4-6-2 'Mallard' A4 Class Locomotive	<del>£64.50</del> £64.50
R3497 RailRoad BR 'D9016' Class 55 Diesel Electric Locomotive	<del>£44.50</del> £44.50
R3408 GWR 4-6-0 'King Edward V' 6000 King Class Locomotive #6016	<del>£99.50</del> £99.50
R3409 BR 4-6-0 'King William IV' 6000 King Class Late BR Locomotive #6002	<del>£181.99</del> £99.50
R3424 LNER 0-8-0 Raven Q6 Class Locomotive 3418	<del>£99.50</del> £99.50
R3425 BR 0-8-0 Raven Q6 Class BR Early Locomotive 63443	<del>£154.99</del> £99.50
R3426 BR 0-8-0 Raven Q6 Class Br Late Locomotive #63429	<del>£99.50</del> £99.50
R3433 LNER 4-4-0 'Claud Hamilton' D16/3 Class Locomotive	<del>£89.50</del> £89.50
R3441 LNER 4-6-2 'Sir Murrough Wilson' A4 Class Wartime Black Loco 4499	<del>£99.50</del> £99.50
R3444 BR 4-6-2 'Thomas Hardy' Britannia Class Early BR 4-6-2 Locomotive 70034	<del>£174.99</del> £109.50
R3171 LNER Green 'Cock O' The North' P2 Class 2-8-2 Locomotive #2001	<del>£364.50</del> £364.50
R3401 The Bristolian Trail Pack - Ltd Edition	<del>£304.99</del> £149.50
R3261 Network Rail 0-6-0 Class 08 417 diesel Shunter Locomotive	<del>£99.99</del> £69.50
R3343 First Great Western Class 08 822 Diesel Shunter Locomotive 'John'	<del>£79.50</del> £79.50
R3390 Virgin Class 43 HST Pack DCC Ready (Non Sound)	<del>£229.99</del> £89.50

**GAUGEMASTER**  
AT BARGAIN PRICES

DCC01	Prodigy Express Package	£119.95
DCC02	Prodigy Advance Package	£209.50
DCC03	Prodigy Advance 2 Wireless Starter Set	£359.50
DCC13	Prodigy Advance 2 Wireless Walkaround	£149.50
DCC14	Prodigy Advance 2 Backlit Walkaround	£106.50
DCC23	6 Pin N Gauge Plug-In Decoder	£21.00
DCC27	OMNI 21 & 8 Pin Decoder	£15.95
DCC30	Accessory Decoder	£50.00
DCC40	Auto Reverse Module	£34.00
DCC51	Prodigy Wireless Conversion Set	£199.50
DCC55	Prodigy Advance Wired Computer Interface Cable	£47.95
Model D	Twin Track Controller	£67.50
Model Q	Four Track Controller	£129.50
PM1	Point Motor with Accessory Switch	£3.99
PM2	Point Motor	£3.50
PM4	Point Motor Self Latching with Switch	£4.95
100M	Single Power Controller	£67.95

**PECO**  
AT BARGAIN PRICES**FULL RANGE STOCKED**  
All Gauges Track and Accessories  
Call us or see our website for more details and bargain prices**Gift Vouchers**Why not treat someone to a  
Rails of Sheffield Gift Voucher.  
Purchase by phone or through our website.

R3501 Virgin East Coast Train Pack - Limited Edition	<del>£124.50</del> £124.50
R3403 Intercity 125 40th Year of Service Anniversary Class 43 HST Train Pack - Ltd Edition	<del>£144.99</del> £179.50

**BACHMANN**  
BARGAINS

25-2014 CL47 00 Gauge Class 47 164 BR Blue Union Jack Diesel Locomotive (split from set)	<del>£89.50</del> £89.50
25-2014 JUB BR 'Green Silver Jubilee' Jubilee Class 4-6-0 Steam Locomotive 45552 (split from set)	<del>£89.50</del> £89.50
30-049 Loco Class 20 088 BR Triple Grey Diesel Locomotive with DCC Sound (split from set)	<del>£139.50</del> £139.50
30-049 Coaches Pair of Permanent Way Re-Railing Equipment Mk1 Coaches (split from set)	<del>£79.50</del> £79.50
30-049 Controller 36-500 E-Z Command DCC Digital Control Centre Controller and Transformer (split from set)	<del>£49.50</del> £49.50
30-525 The Shakespeare Express Collectable Train Pack	<del>£119.99</del> £129.50
31-575 Windhoff MPV Multi-Purpose Master and Slave Network Rail	<del>£140.95</del> £79.50
31-535 Class 105 2 Car DMU BR Blue Yellow Ends (Power Twin Unit)	<del>£119.95</del> £74.50

**HELJAN 'O' GAUGE**  
STAR BUY!

5350 Heljan Class 53 D0280 FALCON in 'as-built' lime green and brown livery with original painted nameplates	<del>£699.00</del> £495.00
5351 Heljan Class 53 D0280 FALCON in BR two-tone green livery with small yellow warning panels and etched nameplates	<del>£699.00</del> £495.00
5352 Heljan Class 53 1200 FALCON in BR Blue livery with full yellow ends and etched nameplates	<del>£699.00</del> £495.00
4203 Heljan Class 42 Warship D815 'DRUID' in Maroon with full yellow ends	<del>£699.00</del> £495.00
4204 Heljan Class 42 Warship D866 'ZEBRA' in Blue with Full Yellow Ends and Double Arrow Symbols on the cabsides	<del>£699.00</del> £495.00
4205 Heljan Class 42 Warship 829 'MAGPIE' in Blue with Full Yellow Ends and Centrally Placed Double Arrow Symbols	<del>£699.00</del> £495.00





# RAILS



## EXCLUSIVE MODELS FOR PRE-ORDER

[WWW.RAILSOFSHEFFIELD.COM/EXCLUSIVE](http://WWW.RAILSOFSHEFFIELD.COM/EXCLUSIVE)



**DYNAMOMETER CAR**  
**£125.00 EACH**  
**PRE-ORDER £50 DEPOSIT**

Version 1 - LNER Teak No.23591, as it was at 3 July 1938 for the Mallard world speed record breaking run  
Version 2 - LNER Teak No.902502, as it was post 1946-1948 British Railways locomotive exchange trials



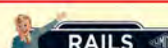
**Concrete Bob**

**Maritime One**

**66727**

1916 **POPPY** 2016

- |                     |   |         |
|---------------------|---|---------|
| 1. Bachmann 32-384Y | Class 37 37425 'Sir Robert MacAlpine/Concrete Bob' BR Construction Sector ..... | £149.95 |
| 2. Bachmann 32-979W | Class 66 66727 'Maritime One' GBRF Maritime .....                               | £169.95 |
| 3. Bachmann 32-726X | Class 66 66614 'Poppy' Freightliner .....                                       | £169.95 |



## RAILS ON EBAY



**RAILS OF SHEFFIELD**



100's OF ITEMS ADDED DAILY



**RAILS OF SHEFFIELD**



VISIT OUR [RAILS-SHEFFIELD EBAY](http://RAILS-SHEFFIELD.EBAY) STORE

SPECIALISING IN QUALITY NEW & SECOND-HAND MODEL TRAINS,  
DIECAST & OTHER RARE & HIGHLY SOUGHT-AFTER COLLECTIBLES

VISIT OUR [RAILS-VAULT EBAY](http://RAILS-VAULT.EBAY) STORE

SPECIALISING IN SECOND-HAND ACCESSORIES, DIECAST,  
RESTORATION PROJECTS, SCENICS & OTHER MISCELLANEOUS MODELS

## ALSO STOCKED AT BARGAIN PRICES

In addition to full ranges from all the manufacturers featured here we also offer full ranges from:



**WOODLAND SCENICS**  
The World Leader in Model Scenery



and many more. If you can't find the product you are looking for on our website then please contact us and we can order it in for you.  
Check out our [ebay](http://ebay) stores to see what discontinued and rare items we have on offer and for your chance to pick up a second-hand bargain today.

Visit: <http://stores.ebay.co.uk/Rails-Of-Sheffield>

Visit: <http://stores.ebay.co.uk/The-Rails-of-Sheffield-Vault>

**MODEL RAILWAYS BUY – SELL – EXCHANGE ANY GAUGE ANY AGE TOP PRICES PAID**

**[www.railsofsheffield.com](http://www.railsofsheffield.com)**



OFFICIAL HORNBY  
COLLECTORS CENTRE

Est 1975

FOR MORE SPECIAL OFFERS AND UP TO THE  
MINUTE RELEASES VISIT OUR WEBSITE

TELEPHONE/ORDER  
HOTLINE

(0114) 2551436

Open 9:00 am - 5:00 pm  
24 Hr Answerphone service for orders



RAILS OF SHEFFIELD

SHOP OPENING HOURS:

9:30 am - 5:00 pm

Monday - Saturday

Free parking outside the door!

WANTED

CASH OR PART EXCHANGE

We urgently require collections of any size featuring products from the following manufacturers:



We are always on the lookout for all types of kit built models including Pro-Scale, Nu-Cast, Golden Age Models, Silver Fox Models, Comet Models, David Andrews and Japanese/Korean Brass in addition to all manufacturers above.

Please do contact us if you are at all unsure as to whether we would be interested in your collection.

We value your used models very highly and will pay top prices for all items offered.

We provide a fast, professional and friendly service from our family run business.

Distance is no object and anything is considered.

Please telephone us on 01142 551436, email [secondhand@railsofsheffield.com](mailto:secondhand@railsofsheffield.com), fax us on 01142 555982 or post your lists to the address at the bottom of the page quoting reference RM2013, all enquiries answered.



# Making the most of 'O' GAUGE Sound

Many 'O' gauge models are designed with sound fitment in mind.

**PAUL CHETTER** lifts the lid on a Heljan Class 25 to install Digital Command Control sound and to highlight design features intended to make this as simple as possible.

## WHAT WE USED

PRODUCT	SUPPLIER	PRICE
Zimo MX699KV Sound Decoder	<a href="http://www.digitrains.co.uk">www.digitrains.co.uk</a>	£185.00
80mm x 32mm DSS 236 speaker	<a href="http://www.digitrains.co.uk">www.digitrains.co.uk</a>	£7.20

**H**ELJAN'S Class 25 made its debut in August 2016 (HM112) for 'O' gauge and it offers an attractive proposition for newcomers to the scale for its all-purpose, go anywhere nature.

Today we are expecting more compatibility with digital for new locomotives in the scale, especially with the arrival of plug and play models like the Little Loco Company's PLux22 equipped Class 15 (HM117). However, not everything is quite so simple in 'O' gauge, but there are also products on the market which can – at least – begin to make it an achievable step to add sound yourself to an 'O' gauge twin motor locomotive.

The Class 25 follows Heljan's time honoured format of twin motors driving each bogie, but with the more recent arrangement of horizontally positioned motors providing drive to the bogies via cardan shafts and gear towers. This arrangement of the motors means that there is no shortage of space inside this large model as shown in the cutaway picture. Choice of decoder and speaker are not, therefore, tightly limited by the physical size which can be accommodated.

However, the dual high-powered motor design of this model requires the decoder to be capable of supplying 2-3Amps of continuous current, way beyond what is possible from decoders for smaller scales. The LokSound XL (4A) and Zimo MX699KV (6A) are more than a match for the Heljan model requirements in 'O' gauge, though both companies also offer decoders with lower power outputs (3A and 4A respectively) which would be sufficient for most users. There is also ample space to accommodate a wide range of suitable speakers, either singly or in an array of two or more subject to meeting the minimum impedance required by the decoder. I decided



upon a single bass reflex type speaker mounted to the body above one of the bogie towers and a Zimo MX699KV decoder so that I could install my own custom Class 25 sound project.

The Printed Circuit Board (PCB) is designed primarily for analogue operations, allowing the main wiring to be operated correctly on DC. There are no obvious concessions to

Digital Command Control (DCC) fitting or sound installation. The most straightforward way to install a decoder is to remove the locomotive PCB entirely and wire direct to the decoder in a process called hard wiring.

Many of the decoder types suitable for this model are available with screw terminal blocks which avoid the need for soldering,



Heljan's 'O' gauge Class 25 was released in August 2016. This is the Tower Models limited edition in plain BR green. See HM112 for the full review of the '25'.



though all wiring will need to be disturbed if the decoder needs removal for any reason.

Removing the PCB will not adversely affect the locomotive lighting LEDs in this model as the lighting PCBs are equipped with resistors to protect the LEDs from excessive current. You may wish to add resistors in series to reduce the brightness of the LEDs.

## FACTORY WIRING

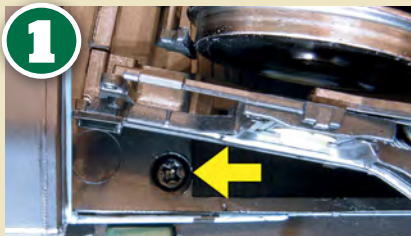
The track pick-up wires have been fitted so that the black from one bogie is on the same side of the model as the black from the other bogie. The same applies to the corresponding red pick-up wires. This is an improvement on earlier Heljan 'O' gauge models where, counter-intuitively, red and black wires had to be connected together.

The NMRA standards state that black should be on the left and red on the right as seen with the front of the locomotive pointing away from the viewer. This was reversed in our sample. For DC running this is not a significant problem, as the Heljan PCB wiring corrects this error.

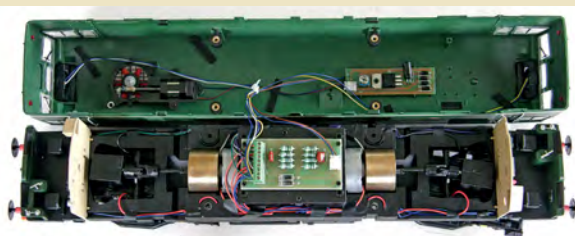
Whilst DCC operations would enable this to be corrected with CV changes, it is more >>



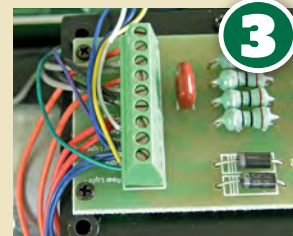
## STEP BY STEP INSTALLING DCC SOUND IN A HELJAN 'O' GAUGE CLASS 25



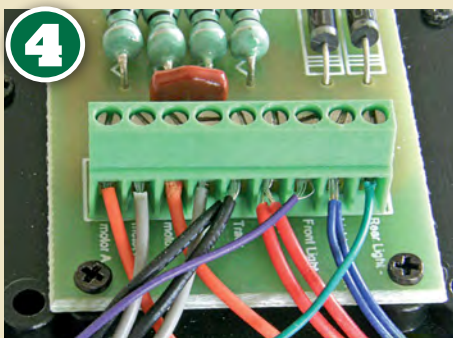
1 Removing the body is quite straightforward but their heavy weight makes these models tricky to handle. Remove four screws located near the inner ends of both bogies (one is arrowed here) and the body will lift off vertically.



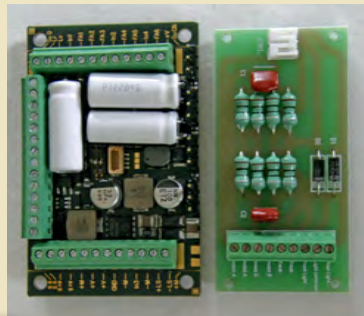
2 There are wire connections between the PCB and roof fan and headcode lighting which are just long enough to allow this shot of the general deployment of components. Note the JSP plug and socket arrangement for the radiator fan connection.



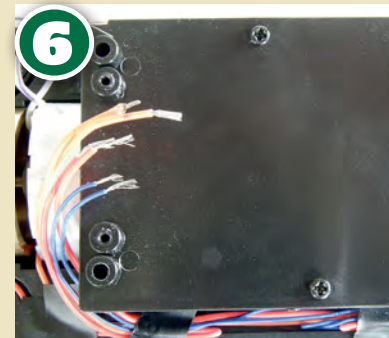
3 In close up, the wires to the headcode LEDs can be identified as yellow, white and blue. These and the JSP plug should be released to allow the body to be put aside for safety.



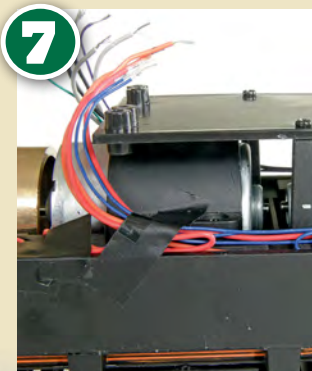
4 With the body mounted component connections removed, the track and motor connections can be seen more clearly.



5 Zimo's flagship MX699KV large scale sound decoder (left of picture) is compared with the locomotive PCB which has now been removed from the model.



6 The plastic support provided for the PCB can be utilised in a similar role for the decoder.

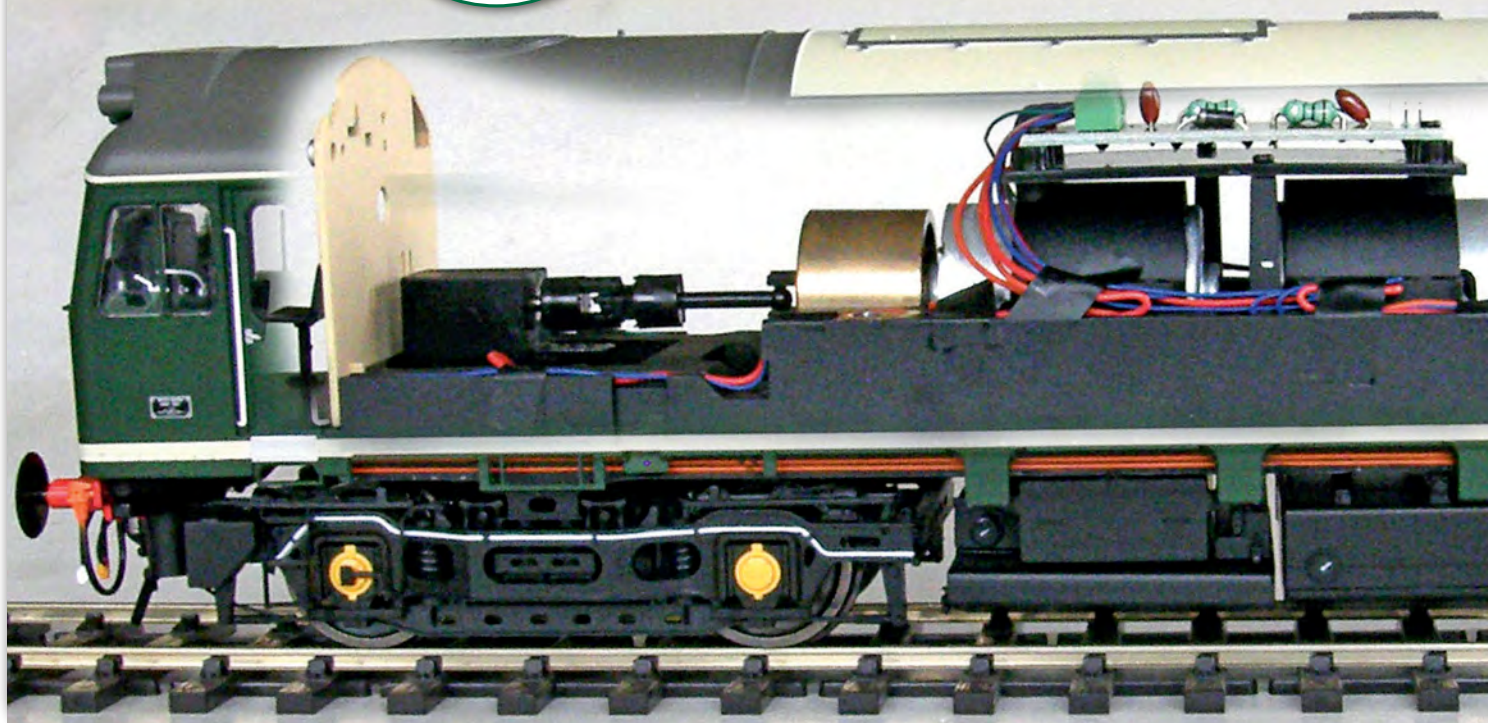
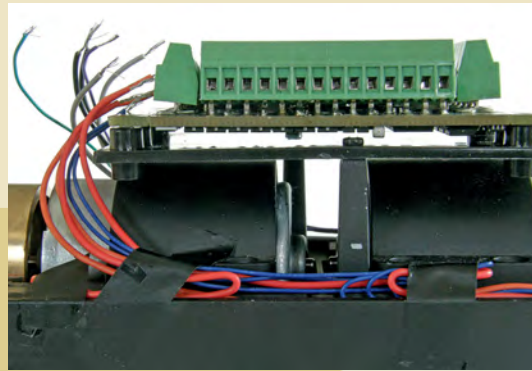


7 This support can be seen in its central position above the twin horizontally mounted motors. There is no need to lengthen any wires if the decoder is located here, though some may need uncoiling to ensure a stress-free connection.

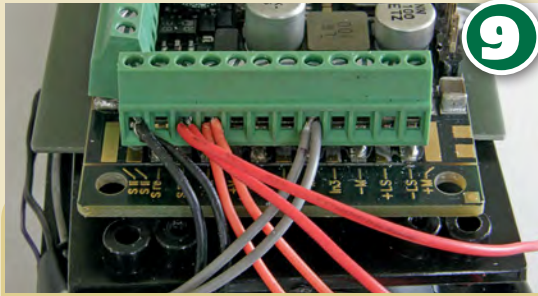
### TIP

Follow factory wiring carefully and test the model stage by stage to ensure the project is going as planned - its much harder to fault find at the end.

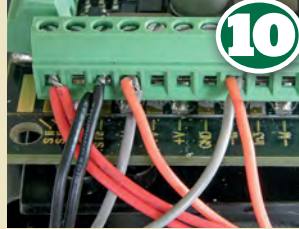
8 This shows the general location of the decoder and the loosely coiled wires under the black tape.



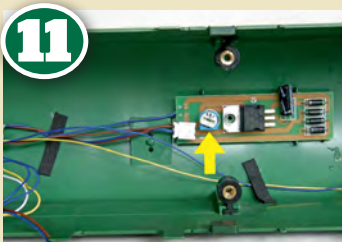




The black track wires and the red track wires from each bogie are joined together and connected to the appropriate screw terminals on the decoder. Similarly, the grey pair and the orange pair were connected together at the decoder. Unfortunately, this caused the wheels of one bogie to run in the opposite direct to those on the other on this example.



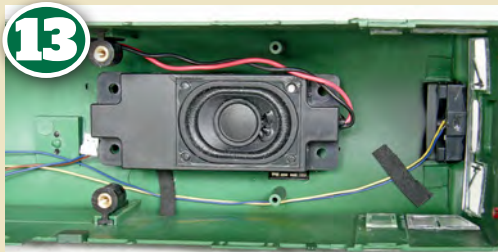
The reconfigured wiring shows how the grey from one end must be joined to the orange from the other in order to get all wheels turning in the same direction. The actual direction depends on which motor output each pair is connected to. Incorrect direction can be reversed by using a CV29 value change, but it is easy to rectify in the wiring at this stage.



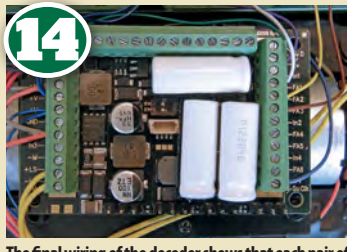
The operating radiator fan is controlled by this PCB. The potentiometer (arrowed) is a convenient way to adjust the speed of the fan so this board was retained for its functionality.



It was, however, relocated to a position close to the fan assembly to leave space for the speaker to be fitted above the other bogie tower.



This 80mm x 32mm bass reflex speaker encloses the same type of 28mm x 40mm speaker I've used in other HM projects in a 'ported enclosure' designed to enhance the volume of the lower frequencies.



The final wiring of the decoder shows that each pair of LEDs and the roof fan each have their own connection to the decoder. This allows more prototypical use of lighting possible with DCC operations.

satisfactory to wire the track pick-up to the decoder correctly at this stage to avoid incorrect directional control when running on DC with a decoder fitted. Heljan has now moved away from using red and black for the motor wires to those specified in DCC standards, grey for negative and orange for positive.

However, if orange from both bogies and grey from both bogies are connected together, the motors drive the wheels in opposite directions, so we are still in the position of making counter-intuitive connections between different coloured wires! I found that I was required to connect orange from one bogie with the grey from the first and connect to the same motor output from the decoder: likewise, connect grey from first bogie to orange from the other and then connect to the decoder's second motor output.

None of these wiring issues are insurmountable, especially for those experienced in Heljan's 'O' gauge model foibles, but they are unnecessary obstacles to straightforward conversion. They could be easily avoided during the design phase. My recommendation before undertaking any DCC conversion to Heljan 'O' gauge diesel models is for wiring to be tested for polarity before connecting to any decoder.

## INSTALLATION

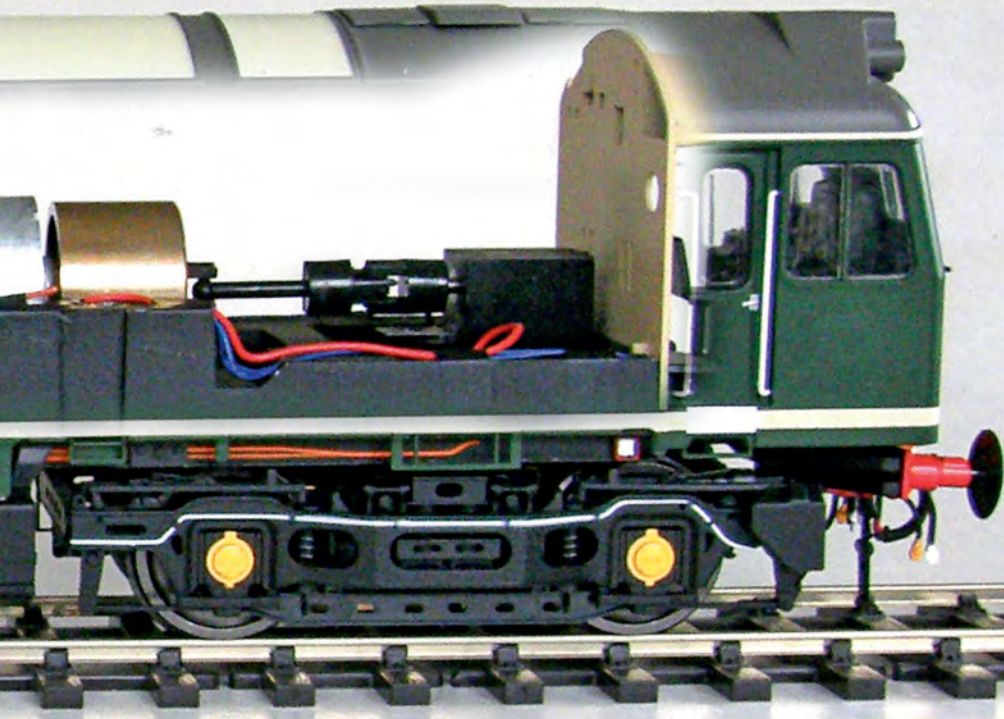
Once the pick-up and motor wiring has been investigated and understood, the physical installation is straightforward. The decoder sits on the plastic platform to which the locomotive PCB was fitted. There is a subsidiary board which controls the operation of the working roof fan. This board is fixed to the roof in the position I intended to fit the speaker. It would be possible to remove this board altogether and wire the fan directly to one of the decoder's Function Outputs (or FAs as printed on the decoder). As there is a variable resistor on the board and this is a convenient way of adjusting the fan's operating speed I decided to retain it.

I released the screws holding this board and relocated it to a position next to the roof fan, fixing it with double-sided tape. The input wires from the board were connected to the common positive and FA3. The sound project is programmed to operate the fan whenever the fan sound plays if connected to FA3, so no separate or manual control is necessary.

I modified the lighting control by connecting each pair of white markers and each pair of tail lamps to separate Function Outputs. This allows the tail lamps to be illuminated when running light engine or the last vehicle in a train, and not illuminated at all other times. Finally, the speaker was fixed to the inside roof above the bogie tower and connected to the speaker outputs on the decoder.

The popularity of 'O' gauge both for customers and manufacturers is raising its position in the ready-to-run market and they offer very tempting prospects too. With sound on board these giants are taken forward in a giant leap with enhanced 'play value' and a much more enthralling operating experience. [Hornby](#)

**A cutaway view of the Class 25's interior showing the arrangement of the motors and the cavernous space available for a speaker and sound decoder.**





## STEP BY STEP ALTERNATIVE SOLUTIONS

Beginner **SKILL LEVEL** Intermediate Advanced

In recent years some decoder manufacturers have created types with continuously rated power outputs greater than those typically employed on 'OO' gauge models, but lower than their high performance decoders. These generally give sufficient power for 'O' gauge models, but can cost significantly less than the 'fully loaded' types. Here are some examples of Zimo's alternatives. Each will provide at least 4A continuous motor power and a further 2A for ancillaries. The number of Function Outputs varies from 8 to 14 depending upon the precise decoder type within each 'family'.

**A**



From the left, the most economical MX696S with ribbon wiring and pin connectors, MX696KS which is a combination of MX696S decoder and LOKPL96KS adapter in a cost effective package and on the right MX699KS which provides all the power of the MX699KV but with fewer features.

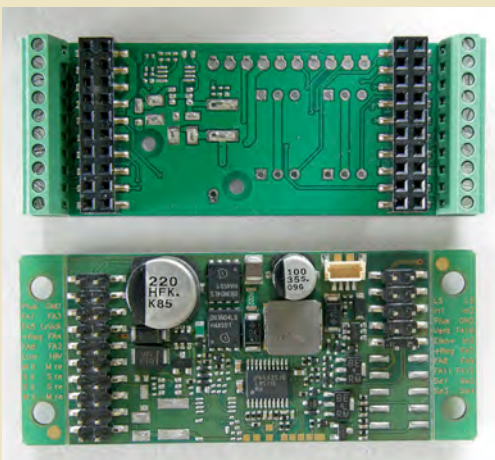
**B**



The MX696S with cable has the advantage of being self-contained, but the wires will need to be joined to the model's wiring by soldering or screw terminal blocks.

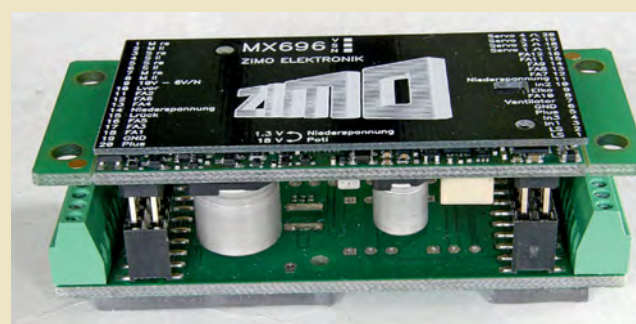
**C**

The MX696S can be mated to a push-fit adapter (top of picture) which in turn has a full complement of screw terminals. This adapter is available separately or in a specially priced combination pack with a decoder. The designation of this is MX696KS.



**D**

This shows the MX696S decoder in the process of fitting to the adapter.



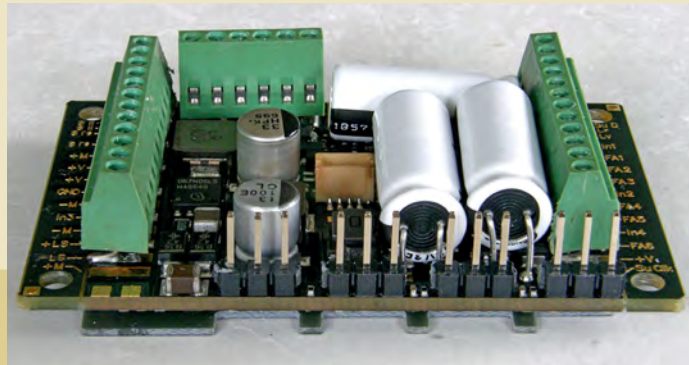
**E**



This shows the MX696S decoder pressed fully home into the adapter.

**F**

The MX699KS has many similarities with the MX699KV, including the three on-board 'stay alive' supercapacitors for exemplary running even on poor or dirty track.

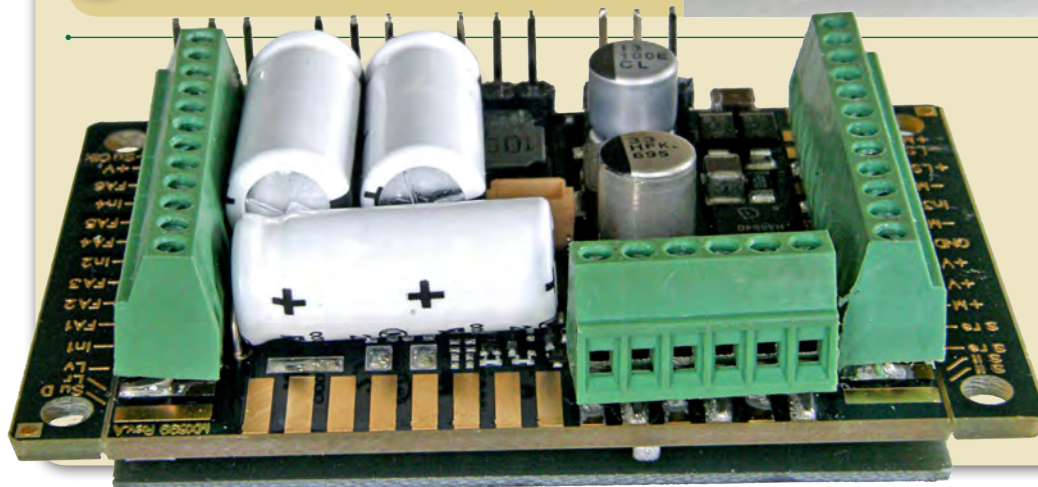


**TIP**

Sourcing the right sound decoder means finding a brand you like and also a sound producer too. Each has slightly different characteristics.

**G**

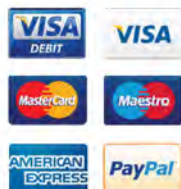
The MX699KS lacks some features of the MX699KV so there are fewer screw terminals required.





## Opening Hours

10am - 5pm  
Tuesday to Saturday  
Closed Bank Holidays



## Model Railways Direct Ltd

Retail Unit 2,  
Phoenix Way  
Portishead,  
Bristol, BS20 7GP

**Tel 01275 774 224**

[sales@modelrailwaysdirect.co.uk](mailto:sales@modelrailwaysdirect.co.uk)



# MODEL RAILWAYS DIRECT

[www.modelrailwaysdirect.co.uk](http://www.modelrailwaysdirect.co.uk)

## N GAUGE

**N GAUGE**  
Code 80 Rail



### PECO N Gauge Streamline Code 80

SL-300	Flexible Track® Wooden Sleeper Nickle Silver	£2.68
SL-300(25)	Flexible Track® Wooden Sleeper Nickle Silver Pack 25	£63.00
SL-302	Flexible Track® Concrete Sleeper Nickle Silver	£2.68
SL-302(25)	Flexible Track® Concrete Sleeper Nickle Silver Pack 25	£63.00
SL-384	Catch Point Right Hand	£5.63
SL-385	Catch Point Left Hand	£5.63

### PECO N Gauge Streamline Code 80 Insulfrog

SL-386	Curved Turnout Right Hand	£9.87
SL-387	Curved Turnout Left Hand	£9.87
SL-388	Large Radius Turnout Right Hand	£9.87
SL-389	Large Radius Turnout Left Hand	£9.87
SL-393	Short Crossing	£8.25
SL-394	Long Crossing	£9.00
SL-395	Medium Radius Turnout Right Hand	£8.82
SL-396	Medium Radius Turnout Left Hand	£8.82
SL-397	Medium Radius Y Turnout	£8.82

### PECO N Gauge Streamline Code 80 Electrofrog

SL-E386	Curved Turnout Right Hand	£9.94
SL-E387	Curved Turnout Left Hand	£9.94
SL-E388	Large Radius Turnout Right Hand	£10.60
SL-E389	Large Radius Turnout Left Hand	£10.60
SL-E395	Medium Radius Turnout Right Hand	£8.89
SL-E396	Medium Radius Turnout Left Hand	£8.89
SL-E397	Medium Radius Y Turnout	£8.89

**N GAUGE**  
Code 55 Rail



### PECO N Gauge Streamline Code 55 Fine

SL-300F	Flexible Track® Wooden Sleeper Nickle Silver	£3.00
SL-300F(30)	Flexible Track® Wooden Sleeper Nickle Silver Pk 30	£84.60
SL-302F	Flexible Track® Concrete Sleeper Nickle Silver	£3.20
SL-302F(30)	Flexible Track® Concrete Sleeper Nickle Silver Pk 30	£90.00

### PECO N Gauge Streamline Code 55 Fine Insulfrog

SL-380F	Single Slip	£32.25
SL-390F	Double Slip	£33.75
SL-394F	Long Crossing	£10.00

## N GAUGE

### PECO N Gauge Streamline Code 55 Fine Electrofrog

SL-E386F	Curved Turnout Right Hand	£10.69
SL-E387F	Curved Turnout Left Hand	£10.69
SL-E388F	Large Radius Turnout Right Hand	£10.69
SL-E389F	Large Radius Turnout Left Hand	£10.69
SL-E380F	Single Slip	£33.38
SL-E383F	Scissors Crossing	£57.75
SL-E390F	Double Slip	£34.88
SL-E391F	Small Radius Turnout Right Hand	£8.63
SL-E392F	Small Radius Turnout Left Hand	£8.63
SL-E393F	Short Crossing	£8.82
SL-E394F	Long Crossing	£9.57
SL-E395F	Medium Radius Turnout Right Hand	£9.64
SL-E396F	Medium Radius Turnout Left Hand	£9.64
SL-E397F	Medium Radius Y Turnout	£9.75
SL-E399F	Asymmetric Three Way Turnout	£28.20

## OO GAUGE

**OO / HO**  
Code 100 Rail



### PECO OO / HO Streamline Code 100

SL-100	Flexible Track® Wooden Sleeper Nickle Silver	£2.96
SL-100(25)	Flexible Track® Wooden Sleeper Nickle Silver Pk 25	£69.50
SL-102	Flexible Track® Concrete Sleeper Nickle Silver	£2.92
SL-102(25)	Flexible Track® Concrete Sleeper Nickle Silver Pk 25	£68.50
SL-184	Catch Point Right Hand	£7.84
SL-185	Catch Point Left Hand	£7.84

### PECO OO / HO Streamline Code 100 Insulfrog

SL-80	Single Slip	£28.32
SL-86	Large Radius Curved Turnout Right Hand	£11.93
SL-87	Large Radius Curved Turnout Left Hand	£11.93
SL-88	Large Radius Turnout Right Hand	£11.18
SL-89	Large Radius Turnout Left Hand	£11.18
SL-90	Double Slip	£30.75
SL-91	Small Radius Turnout Right Hand	£8.89
SL-92	Small Radius Turnout Left Hand	£8.89
SL-93	Short Crossing	£8.14
SL-94	Long Crossing	£9.49
SL-95	Medium Radius Turnout Right Hand	£9.83
SL-96	Medium Radius Turnout Left Hand	£9.83
SL-97	Small Radius Y Turnout	£9.00
SL-98	Large Radius Y Turnout	£10.47
SL-99	Medium Radius 3 Way Turnout	£24.38

## OO GAUGE

### PECO OO / HO Streamline Code 100 Electrofrog

SL-E86	Large Radius Curved Turnout Right Hand	£12.00
SL-E87	Large Radius Curved Turnout Left Hand	£12.00
SL-E88	Large Radius Turnout Right Hand	£11.25
SL-E89	Large Radius Turnout Left Hand	£11.25
SL-E91	Small Radius Turnout Right Hand	£8.97
SL-E92	Small Radius Turnout Left Hand	£8.97
SL-E95	Medium Radius Turnout Right Hand	£9.90
SL-E96	Medium Radius Turnout Left Hand	£9.90
SL-E97	Small Radius Y Turnout	£9.08
SL-E98	Large Radius Y Turnout	£10.54
SL-E99	Medium Radius 3 Way Turnout	£24.45

**OO / HO**  
Code 75 Rail



### PECO OO / HO Streamline Code 75 Fine

SL-100F	Flexible Track® Wooden Sleeper Nickle Silver	£3.00
SL-100F(25)	Flexible Track® Wooden Sleeper Nickle Silver Pk 25	£70.50
SL-102F	Flexible Track® Concrete Sleeper Nickle Silver	£3.12
SL-102F(25)	Flexible Track® Concrete Sleeper Nickle Silver Pk 25	£73.25
SL-104F	Flexible Track® Steel Sleeper Nickle Silver	£3.12
SL-104F(25)	Flexible Track® Steel Sleeper Nickle Silver Pk 25	£73.25
SL-106F	Flexible Track® Concrete Bi-Block Sleeper	£3.36
SL-106F(25)	Flexible Track® Concrete Bi-Block Sleeper Pk 25	£78.75
SL-184	Catch Point Right Hand	£8.07
SL-185	Catch Point Left Hand	£8.07

### PECO OO / HO Streamline Code 75 Fine Insulfrog

SL-180	Single Slip	£32.07
SL-190	Double Slip	£34.50
SL-193	Short Crossing	£8.85
SL-194	Long Crossing	£9.72

### PECO OO / HO Streamline Code 75 Fine Electrofrog

SL-E1095	Medium Radius Turnout RH with Concrete Sleepers	£12.00
SL-E1096	Medium Radius Turnout LH with Concrete Sleepers	£12.00
SL-E180	Single Slip	£32.44
SL-E186	Curved Turnout Right Hand	£12.19
SL-E187	Curved Turnout Left Hand	£12.19
SL-E188	Large Radius Turnout Right Hand	£11.82
SL-E189	Large Radius Turnout Left Hand	£11.82
SL-E190	Double Slip	£34.88
SL-E191	Small Radius Turnout Right Hand	£10.48
SL-E192	Small Radius Turnout Left Hand	£10.48
SL-E193	Short Crossing	£9.68
SL-E194	Long Crossing	£10.47
SL-E195	Medium Radius Turnout Right Hand	£10.77
SL-E196	Medium Radius Turnout Left Hand	£10.77
SL-E197	Small Radius Y Turnout	£10.37
SL-E198	Large Radius Y Turnout	£11.52
SL-E199	Asymmetric Three Way Turnout	£26.82

**EXPORTS  
VAT  
FREE**

**FOR DELIVERIES OUTSIDE THE EU  
WE WILL AUTOMATICALLY DEDUCT  
VAT (20%) AND CALCULATE POSTAGE  
CHARGES AT CHECKOUT.**

Prices valid for 28 days from magazine publication date and are valid for pre-orders made on or before this date, all items are subject to availability. All items are in stock or on order at time of producing advertisement, payment (except PayPal) will not be taken until items are dispatched. We regret that we are not able to accept cheques. Prices shown include VAT at 20%. Errors excepted.



**UK POSTAGE £3.99  
(\*Flexible Track £7.95)  
FAST, SECURE DELIVERY**

Next Day delivery £7.95. Highlands, Islands are subject to a surcharge for large items and parcels over 1.8kg. \*Some oversize items may have to be shipped by courier. Postage charges are per shipment.



**LIVE  
STOCK  
INFO**



# Elmfield

*The gritty down-at-heel atmosphere of the Black Country in the 1960s has been recreated in 'N' gauge by **DAVE WESTWOOD** in this fascinating exhibition layout.*

**PHOTOGRAPHY, MIKE WILD**





1 Right: Coal is bagged and weighed following its transfer from rail to road transport.

2 Below: A '57XX' 0-6-0PT draws into the goods loop at Elmfield with an arriving pick up goods.



ELMFIELD is a small town in north Worcestershire on the edge of the Black Country, which kept itself very much to itself until coal was discovered in the early 19<sup>th</sup> century. It was then dragged kicking and screaming into the industrial revolution by the arrival first of the canal, and then by the railway in the 1880s by way of a branch from the Oxford, Worcester and Wolverhampton (OWW).

The coal ran out in the 1920s, but by then large deposits of fireclay had been found, and the production of firebricks and pipes became the main industry. Other businesses began to move to the town and as its population grew and as the town expanded it became absorbed into the greater Black Country area. Regular passenger services ran to Birmingham and Wolverhampton via Stourbridge and there was a healthy amount of varied goods traffic as well as the firebricks and pipes.

The model depicts the station and exchange sidings in the early 1960s before the Beeching axe removed passenger services in 1964. The use of firebricks and clay pipes was also in severe decline and goods traffic ceased completely on the closure of the works in 1967. As one of my colleagues at Syston Model Railway Society said: "If you believe that little lot, you will believe anything", but even fictional layouts deserve a little history.

The station track plan is based on Shipton-on-Stour with the addition of the works exchange sidings, and the history on what actually happened in large parts of the Black Country, but not anywhere specific.

Elmfield was built to replace Claydon (HM7) which was coming to the end of its life as an exhibition layout. I had the idea to model something of the Black Country railway scene as I remembered it from my childhood, but not with rose tinted glasses. The general air of »





**3** Above: A '64XX' slows for the end of the line as the Ruston 48DS shunts loaded wagons in the exchange sidings.

**4** Right: A Class 121 ticks over in the single platform waiting to travel back along the branch towards Birmingham.

dereliction as old industries, mining, brickmaking and iron founding slowly but irrevocably disappeared was all around the area where I grew up.

I started researching the various industries I might include. Mining had gone by the period I wanted to model and so had most of the ironworks, but a chance discovery of a book called *Brickyards of the Black Country – A Forgotten History* by John Cooksey provided the answer. This had a wealth of information and photographs of them in their heyday and, more importantly to me, of their decline.

## BASEBOARDS AND TRACK

The layout is made up of two 4ft x 1ft 8in baseboards constructed of 50mm foam insulation board with a softwood frame topped with wood fibre insulation, and is very light but solid. Boards are aligned with brass dowels and sockets and held together by captive screws. Legs are integral to the boards and are fitted with height adjusters.

Track is Peco code 55 ballasted with granite chippings and fixed in the usual manner with 50/50 PVA and water solution, having been previously dampened with a fine spray. A word of warning if you use real stone as ballast - make sure that if it has not been pre-washed, you wash it well, because the dust it contains will cause any liquid to just run off and not penetrate. Rails have been painted with a rust colour and the ballast given a wash of grot and weathered where locomotives would stand. The exchange sidings were sprayed with soot black weathering dye and powders brushed in where spillages from the wagons would have happened.

Points are operated by the wire in tube method with mini slider switches to change frog polarity so as not to rely on the point blades for electrical continuity.

The layout is analogue controlled with one Modelux controller on each board »












**Left:** The factory's Ruston 48DS propels a pair of five plank open wagons into the loading sidings.





 Right: An Ivatt '2MT' 2-6-0 ready for departure from the pipe and firebrick factory exchange sidings.

 Below: With the signal 'off', a work stained 'Manor' 4-6-0 gets away from Elmfield with a three-coach stopper.



wired for cab control so that either can operate the whole layout or two locomotives can be in operation at the same time. The layout is divided up into several sections controlled by two-way centre-off switches with dead sections at the end of all the storage yard roads to enable locomotives to be isolated while another is brought on to the train. This avoids unnecessary handling of the stock.

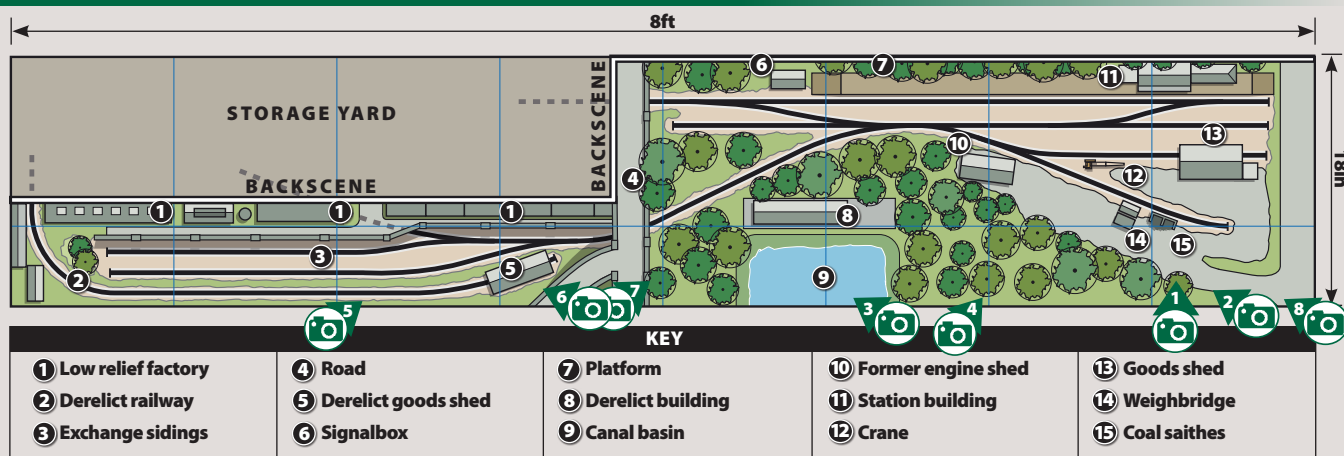
## SCENERY

One of the things that I always remember was the amount of undergrowth and scrubby bushes that covered the derelict areas, because that's where we went blackberry picking, so I have tried to include some of that as well as an abandoned canal basin. These were always a magnet for children to play around, so I decided to include a group along with all the usual detritus that ended up there - a sunken barge, tyres, barrel, old bike and so on. The trees and bushes are mainly Woodland Scenics Fine Leaf Foliage, with the same company's foliage clusters and lichen covered with various scatters. Woodland Scenics also provided the majority of the other scenic materials except for the assorted grass tufts and the reeds in the canal which are from Howards Scenic Supplies.

The landscape is created from the same foam as the baseboards and can be cut with a craft knife or a saw without making an awful mess. It is then covered by Polyfilla which has been mixed with brown emulsion, (so if you miss a bit with the scatter material it looks like soil) and then various scatters applied using PVA. All scenery is covered with »



## ELMFIELD TRACK DIAGRAM (Not to scale)



scatter materials, including trees, are then given a good spray of the cheapest, stickiest hairspray I can find.

Roads are mainly made from card, painted black gloss, and scouring powder (or talcum) sprinkled on while still wet and then brushed off almost immediately. With a bit of practice, you can replicate the variations you get in real road surfaces and using weathering powders will further enhance the look.

The station building, platform, old engine shed and signalbox are Scalescenes kits and its excellent products were also used to make the bridges and the scratchbuilt low relief factories. Except for the goods shed, which is from the Bachmann Scenecraft range,

the rest have been picked up second-hand from exhibitions over the years and finally found a home. All have been weathered and distressed to fit in with the general air of neglect.

### ROLLING STOCK

Locomotives, carriages and wagons are from the usual suspects - Dapol, Farish and Peco - plus N Gauge Society kits. The notable exception is the Ruston 48DS shunter which was built by one of my regular operators, Hugh Griffiths, from a B H Enterprises kit. All the stock has been weathered, after first getting a coat of matt varnish, with either acrylics and/or weathering powders.

One of the most common questions I

get asked at exhibitions is about the MBD magnetic couplings on the goods wagons. These have a delay feature meaning you can uncouple and then a latch drops down and prevents recoupling while you push the wagon to where you want it. This cuts down on the number of electromagnets needed and these are placed in strategic positions around the layout.

I have really enjoyed trying to recreate a part of my childhood memories and, hopefully, the atmosphere of a railway and area at the end of an era. I would like to thank those members of Syston Model Railway Society who have helped me at exhibitions, John Malpus, Mike Collins, Mike Cattell, Hugh Griffiths and Chris Leach. 



Weeds and bushes are growing rapidly around the yard. A '57XX' shunts wagons to reform its goods working.



# **WE WANT YOUR Model Railways**



We will buy  
almost any Railway  
Collection, large or small.  
All gauges will be taken, in any  
condition. We always give an honest  
price and will collect and dismantle any layout.

Telephone: **01302 371623**

Mobile: **07526 768178**

or email: [anoraksanonymous@googlemail.com](mailto:anoraksanonymous@googlemail.com)



# DISCOUNT 'O' GAUGE

## TOWER BRASS LOCOMOTIVES

R.T.R in unpainted brass/factory painted  
GWR/BR King.....£900.00  
GWR/BR Railcar 19-33.....£550.00  
GWR/BR Parcels Railcar No.34.....£550.00  
GWR 1361 Early black chassis.....£525.00  
GWR/BR 1361 Late black chassis.....£525.00  
LYLMS/BR Pug black.....£450.00  
LNER/BR J39 0-6-0 black.....£925.00  
GWR/BR 8750 Pannier black chassis.....£525.00

## TOWER BRASS COACHES

Fully assembled in unpainted brass  
GWR/BR Collett D127 brake 3rd.....£235.00

## FULLY FINISHED R-T-R LOCOS

L&Y/LMS/BR Pug 0-4-0T.....£525.00  
GWR/BR 1361 0-6-0ST.....£695.00  
GWR/BR 8750 Pannier tank.....£695.00  
GWR/BR King 4-6-0.....£1260.00  
GWR/BR Razor Edge railcar.....£835.00  
GWR/BR Parcels railcar.....£810.00  
LNER/BR J39 0-6-0.....£1075.00  
LMS/BR Original Patriot.....£1650.00  
B.R. V2 2-6-2.....£1640.00

Over 100 R-T-R locos available off the shelf

## GLADIATOR LOCO KITS

GTR18 LMS/BR de-streamlined Duchess £395.00  
GTR19 LMS/BR non-streamlined Duchess £395.00  
GTR20 LMS/BR Princess.....£395.00  
GTR21 LMS/BR Rebuilt Royal Scot.....£345.00  
GTR24 LMS/BR Original Patriot.....£345.00  
GTR25 LMS/BR Rebuilt Patriot.....£345.00  
GTR26 LMS/BR 2P 4-4-0.....£315.00  
GTR31 LMS/BR Lemon 0-4-4T.....£235.00  
GTR44 LNW/LMS/BR Coal Tank 0-6-2T £225.00  
GTR48 LNW/LMS Crane Tank.....£205.00  
GTR50 LNER/BR Beyer Garratt 2-8-8-2.....£595.00  
GTR53 LMS/BR 8F 2-8-0 & rivetted tender £345.00

## JAVELIN LOCOMOTIVE KITS

JKL3 GWR/BR Dukedog 4-4-0.....£325.00  
JKL5 SEC/SR/BR D Class 4-4-0.....£305.00  
JKL6 G.W.R. Dean Goods 0-6-0.....£295.00  
JKL7 SEC/SR/BR C Class 0-6-0.....£295.00  
JKL11 LMS/BR Long Fire Box Black Five £345.00

## MERCIAN LOCO KITS

SG5 LNER/BR J94 Austerity 0-6-0ST.....£180.00  
GW2 GWR/BR 14xx Autotank.....£175.00  
ML11 M.R. Spinner 4-2-2.....£295.00

## TOWER COLLECTION (D.J.H.) BEGINNERS KITS

Includes wheels, gears and motor  
TC1 Class 02 0-4-0 Diesel Shunter.....£240.00  
TC3 Andrew Barclay 0-4-0 Steam Shunter £240.00

## TOWER COLLECTION LOCO KITS

Require wheels, gears and motor  
TC2 LMS streamlined Coronation.....£525.00  
TC4 LMS/BR non-streamlined Duchess.....£525.00  
TC5 LMS/BR de-streamlined Duchess.....£525.00  
TC6 LMS/BR Sir William Stainer.....£525.00  
TC7 LMS/BR Black Five 4-6-0.....£525.00  
TC14 LMS/BR Stainer 8F 2-8-0.....£525.00  
TC16 LMS/BR Duchess with sloping firebox £525.00

## D.J.H. LOCO KITS

K300 B.R. Standard 84xx 2-6-2T.....£345.00  
K301 B.R. Standard 2MT 2-6-0.....£385.00  
K302 LMS/B.R. Ivatt 2-6-2T.....£345.00  
K303 LMS/BR Fairburn 2-8-4T.....£345.00  
K310A LNER/BR A3 with Corridor tender.....£575.00  
K317B BR Britannia with BR1/1A tender.....£575.00  
K324B B.R. 9F 2-10-0 BR1B/BR1C.....£575.00  
K326 B.R. Class 03 complete kit.....£395.00  
K336 LNER/BR R Peppercom A2.....£535.00  
K338 LNER/BR R G5 0-4-0T.....£395.00  
K340 B.R. Class 14 complete kit.....£395.00  
K344 NEW LNER/BR Hunt Class 4-4-0 £475.00  
K345 NEW LNER/BR Thompson A2/1.....£556.00

## PECO LINESIDE KITS

LK704 Wooden lineside hut kit.....£19.00  
LK705 Brick lineside hut.....£19.00  
LK709 Ground Level Signal Box.....£27.25  
LK735 GWR Yard Crane.....£20.50  
LK741 GWR spear fencing.....£10.50  
LK742 GWR spear fencing ramps.....£10.50  
LK743 Field fencing and gates.....£9.45  
LK745 Telegraph Poles (4).....£6.00  
LK749 Loading Gauges (2).....£11.85  
LK750 Single track level crossing gates.....£19.25  
LK758 Platelayers tools.....£6.10  
LK759 Platform lamps (4).....£8.35  
LK760 Telephone boxes (2).....£8.35  
LK761 GWR Station seats (4).....£7.90  
LK762 MR/NER station seats (4).....£7.90  
LK763 SR/BR Station seats.....£7.90  
LK764 Bicycles (8).....£7.90  
LK790 GWR home or distant signal.....£17.75

## SLATERS BR WAGONS AND VANS

7062 B.R. 12ton Vanwidge.....£37.50  
7063 B.R. Standard Van.....£37.50  
7064 B.R. 12ton Standard/Flat Van.....£37.50  
7065 B.R. Meat Van.....£37.50  
7066 B.R. Insulated Van.....£37.50  
7067 B.R. 13 ton conflat 'A'.....£37.50  
7069 B.R. Lowlit Wagon.....£37.50  
7070 B.R. 12 ton Palvan.....£37.50  
7071 B.R. 13 ton High Goods Wagon.....£33.25

## PECO WAGON KITS

W601 GWR Toad brake can.....£38.75  
W602 GWR Permanent Way brake.....£38.75  
W603 GWR 6 wheel brake.....£40.50  
W604 GWR 4 plank open.....£32.50  
W605 GWR Steel Open.....£32.50  
W606 GWR 10 ton Van.....£39.75  
W607 BR 16 ton Mineral wagon.....£40.50  
W608 BR 27 ton Ore wagon.....£39.75  
W609 BR 20 ton Pig iron wagon.....£39.75

## PECO 'O' GAUGE TRACKWORK

SLE786BH Curved R/H Point.....£52.25  
SLE787BH Curved L/H Point.....£52.25  
SL700BH 12 yards flexitrack.....£76.95  
SLE791BH Right Hand Point.....£41.95  
SLE792BH Left Hand Point.....£41.95  
SLE797BH Y Point.....£41.95  
SLE790BH Double Slip.....£87.95  
SL10 24 metal railjoiners.....£2.65  
SL11 12 insulated railjoiners.....£2.65  
SL740BH Buffer stop.....£2.65  
TP1 Long Track pins (15mm).....£3.25  
ST700 Box (6) 393mm straight.....£43.25  
ST725 Half circle 1028mm radius curves.....£46.00  
NEW Setrack R/H Point.....TBA  
NEW Setrack L/H Point.....TBA

## HELMSMAN CONTROLLERS

CF5A Sump Single Controller.....£155.00  
RM5 Remote handset for above.....£40.00

## H.M.R.S. TRANSFERS

H1 L.M.S. gold loco and coach.....£20.00  
H2 L.M.S. yellow loco and coach.....£20.00  
H2A L.M.S. black style/Crew loco.....£20.00  
H3 L.M.S. loco lining.....£20.00  
H3A L.M.S. coach lining.....£20.00  
H4 L.N.E.R. green loco and coach.....£20.00  
H4A L.N.E.R. black loco and Gill Sands.....£20.00  
H5 L.N.E.R. loco lining.....£20.00  
H6 L.M.S. goods wagon lettering.....£18.50  
H7 G.W.R. loco and coach lettering.....£20.00  
H8 G.W.R. loco and coach lining.....£20.00  
H9 S.R. Maunsell loco and coach lettering.....£20.00  
H10 S.R. Bulleid loco and coach lettering.....£20.00  
H11 G.W.R. goods wagon lettering.....£18.50  
H12 L.N.E.R. goods wagon lettering.....£18.50  
H13 S.R. goods wagon lettering.....£18.50  
H14 BR steam loco and coach lettering.....£20.00  
H15 BR blue diesel and coach lettering.....£18.50  
H16 LNW/R/W.C.S. loco coach & wgn.....£21.00  
H17 LTR/MR/SDJ/LMCR gds lettering.....£20.00  
H18 N.E.R. loco and coach lettering.....£21.00  
H20 CB/MS/GSW/HR/GNSR wgn lettering.....£20.00  
H22 B.R. mixed traffic/L.N.W.R. loco lining.....£20.00  
H24 MR/SDJ/LTR/MGN loco & coach.....£21.00  
H25 B.R. pre-TOPS wagon numbers etc.....£18.50  
H26 B.R. pre-TOPS wgn instructions etc.....£18.50  
H31 Pullman crests, names and numbers.....£21.00  
H32 Pullman lining.....£18.50  
H40 G.N.R. coach lettering.....£21.00

## PARKSIDE WAGON KITS (SAVE 10-25%)

PS14 BR Grampus Ballast wagon.....£32.85  
PS15 BR 21 ton Mineral wagon.....£32.85  
PS16 LNER Loco Coal wagon.....£32.85  
PS17 BR 12 ton Pipe wagon.....£32.85  
PS23 GWR/BR 13 ton open wagon.....£32.85  
PS24 GWR/BR 12 ton unfitted van.....£32.85  
PS25 BR 24.5 ton mineral wagon.....£32.85  
PS26 GWR/BR 12 ton fitted van.....£32.85  
PS27 GWR/BR 12 ton open with tarp bar.....£32.85  
PS28 GWR/BR 12 ton plywood van.....£32.85  
PS29 GWR/BR Fruit van.....£32.85  
PS30 BR 16 ton mineral wagon.....£32.85  
PS31 BR 16 ton slope sided mineral.....£32.85  
PS32 BR 16 ton mineral (ex SNCF).....£32.85  
PS33 BR 8 Plank wooden mineral.....£32.85  
PS42 LMS/BR 12 ton open wagon.....£32.85  
PS45 LNER/BR 12 ton goods van.....£32.85  
PS46 LNER/BR 12 ton fruit van.....£32.85  
PS49 GWR/BR Mica van.....£32.85  
PS100 SR/BR Banana van.....£32.85  
PS101 SR/BR Meat van.....£32.85  
PS104 BR 21 ton coal hopper.....£32.85  
PS106 SR/BR Cattle truck.....£32.85  
PS112 GWR/BR Gunpowder van.....£32.85  
PS114 LMS/BR Banana van.....£32.85

Any six for £164.50 saving 25% off RRP

## BACHMANN SCENECRAFT BUILDINGS

47040 Diesel Refuelling Point.....£39.95  
47047 Hampton Hill Platelayers Hut.....£24.95  
47203 Low Relief Corner Shop.....£25.95  
47004 Provender Store.....Special offer £30.00  
47009 Single Engine Shed.....Special offer £60.00  
47036 Sectional Lineside Hut.....£20.50

## DAPOL R-T-R TERRIERS

G.W.R. green Fortishead  
L.B.S.C. Marsh under Gipsyhill  
S.R. green Fishbourne  
BR late crest black 32636  
RRP £225.00 OUR PRICE £189.00  
Sound fitted RRP £410.70 OUR PRICE £345.00

## LIONHEART SUBURBAN COACHES

Fully finished superb quality with interior details and lights.  
Single cars (3 types) B.R. Maroon  
RRP £265.00 OUR PRICE £225.00  
2 car 'B' set G.W.R. or B.R. 6 types  
RRP £470.50 OUR PRICE £399.99  
4 car D set G.W.R. or B.R. 4 types  
RRP £823.50 OUR PRICE £699.99

## DAPOL (EX LIONHEART) PANNIERS

64XX and 74XX G.W.R. or B.R.  
List Price £399.00 OUR PRICE £340.00  
Available now

## DAPOL (EX LIONHEART) AUTO COACHES

Choice of B.R. or G.W.R. Liveries  
RRP £200.00 OUR PRICE £170.00  
Available now

## NEW DAPOL 57XX LOW CAB PANNIER

Available in a range of G.W.R. and B.R. liveries plus London Transport red  
RRP £235.00 OUR PRICE £199.75  
Available late 2017 Reserve yours now

## NEW DAPOL 10 FOOT W.B. WAGONS

B.R. Open Wagons (various)  
RRP £45.00 OUR PRICE £38.50  
B.R. VEA, VBA, MEAT, INSULATED AND STANDARD VANS (12 TYPES)  
RRP £49.95 OUR PRICE £42.50

## DAPOL R.T.R. WAGONS

A range of approx 100 private owner and company wagons 5, 7 and 10 plank  
RRP £44.41 OUR PRICE £38.00  
6 WHEEL MILK TANKERS 5 TYPES  
RRP £80.60 OUR PRICE £70.00  
S.R. / B.R. PILLBOX BRAKE VANS (4 Liveries)  
RRP £80.60 OUR PRICE £70.00  
See our website for details

## NEW DAPOL JINTY

Early or late LMS S.D.J.R. British Railways or late B.R. available numbered or un-numbered  
RRP £225.00 OUR PRICE £191.25  
Any of the above sound fitted  
RRP £400.00 OUR PRICE £340.00  
Available late 2017 Reserve yours now

## DAPOL (EX LIONHEART) 45XX PRAIRIE

Superb quality fully finished with diecast body and excellent detail. Choice of six liveries, numbered and un-numbered.  
RRP £495.00 OUR PRICE £420.75  
Sound fitted RRP £650.00 OUR PRICE £552.50  
Available late 2017 Reserve yours now

## IXION HUDSWELL CLARKE

R.T.R. 0-6-0 LOCO  
Lined forest green  
RRP £299.00 OUR PRICE £225.00  
OR FITTED WITH DCC SOUND £375.00

## IXION FOWLER

0-4-0 DIESEL SHUNTER  
GWR No1 lined green  
or private owner plain green  
RRP £299.00 OUR PRICE £225.00

## HELJAN CLASS 128 PARCELS RAILCAR

6 Versions  
See website for details  
RRP £579.00 OUR PRICE £460.00  
Available late 2017 Reserve yours now

## NEW HELJAN CLASS 121

Passenger Railcar  
Available in a range of liveries from Cats Whiskers to N.S.E  
RRP £579.00 OUR PRICE £460.00  
Available late 2017 Reserve yours now

## NEW HELJAN CLASS 117

3 Car D.M.U.  
Available in a range of liveries from Cats Whiskers to N.S.E  
RRP £1100.00 OUR PRICE £875.00  
Available late 2018 Reserve yours now

## NEW HELJAN CLASS 120

2 and 3 Car D.M.U.  
Choice of blue or green liveries  
2 car set RRP £800.00 OUR PRICE £640.00  
3 car set RRP £1100.00 OUR PRICE £875.00  
Available late 2018 Reserve yours now

## NEW HELJAN 61XX PRAIRIE TANK

HJ6100 6110 Great Western  
HJ6101 6106 G.W.R.  
HJ6102 6114 B.R. unlined black  
HJ6103 6111 B.R. unlined green  
HJ6104 6132 B.R. lined green  
HJ6120 un-numbered Great Western  
HJ6121 un-numbered B.R. unlined black  
HJ6122 un-numbered B.R. unlined green  
HJ6123 un-numbered B.R. lined green  
HJ6124 5184 Great Western  
HJ6125 4144 B.R. unlined black  
HJ6126 5158 B.R. lined green  
RRP £649.00 OUR PRICE £500.00  
Available late 2017 Reserve yours now  
See our website for full details

## NEW HELJAN 43XX MOGUL

7 standard versions in G.W.R. and B.R. all un-numbered and 3 limited editions numbered  
List Price £779.00 OUR PRICE £630.00  
Available 2018 Reserve yours now

## NEW HELJAN CLASS 45

6 versions from original green to later blue  
RRP £699.00 OUR PRICE £550.00  
Available now

## NEW HELJAN CLASS 03

Several versions from original green to later blue  
Price to be confirmed  
See our website for details

## NEW HELJAN CLASS 05

HJ2590 B.R. Plain Green  
HJ2591 B.R. Green with chevrons early  
HJ2592 B.R. Green with chevrons late  
HJ2593 B.R. Blue with chevrons  
HJ2594 CEGB Yellow  
HJ2595 NCB Green  
HJ2596 Industrial Maroon  
RRP £395.00 OUR PRICE £315.00  
Available mid 2017 Reserve yours now

## HELJAN READY TO RUN WAGONS

Class B tankers 4 types  
VAA vans 4 types  
OAA open wagons 5 types  
RRP £84.95 OUR PRICE £70.00  
Mix and match any ten for £65.00 each

## NEW HELJAN CLASS 37 CENTRE HEAD CODE VERSION

Green with yellow ends  
Blue large logo  
Dutch livery  
Railfreight 3 versions  
RRP £599.00 OUR PRICE £475.00

## HELJAN CLASS 40

B.R. Blue with yellow ends  
RRP £649.00 OUR PRICE £500.00  
Last few

## HELJAN DIESEL DEPOT

Two Road Shed RRP £289.00 OUR PRICE £75.00  
Extension Pack RRP £39.00 OUR PRICE £35.25  
Spare Ends (3) RRP £19.00 OUR PRICE £16.00  
See website for details and sizes

## HELJAN DELTIC

Green with yellow panels  
Ltd Edition original green  
RRP £599.99 OUR PRICE £475.00  
Last few

## HELJAN AC RAILBUS CLEARANCE

Light green with speed whiskers  
Dark green with yellow panel  
List Price £495.00  
SPECIAL OFFER £299.95

## NEW HELJAN CLASS 60

Railfreight Triple grey sector livery  
E.W.S. or Loadhaul  
RRP £649.00 OUR PRICE £510.00

## NEW HELJAN FALCON

Lime green, green or blue  
RRP £699.00 OUR PRICE £550.00

## NEW HELJAN CLASS 25

Ltd Ed Plain Green  
Green with yellow panel  
Green full yellow ends  
Blue with yellow front  
RRP £599.00 OUR PRICE £475.00

## HELJAN BR COACHES

SK second corridor  
SO second open  
FK first corridor  
BSK brake second corridor  
BG gangwayed brake (parcels)  
GUV general utility van  
Choice of liveries  
RRP £325.00 OUR PRICE £250.00  
4 or more pay only £240.00 each  
All currently available types in stock

## NEW HELJAN WAGONS

Heljan Dogfish & Catfish RRP £99.95  
OUR PRICE £79.95 or  
£75.00 for 5 or more  
Heljan Cargo Wagons RRP £189.00  
Our price £155.00 each or  
£600.00 for any four

## HELJAN CLASS 42 WARSHIP

Ltd Ed original green (no panel)  
Green, yellow panel D827 'Kelly'  
Maroon, yellow panel D899 'Zest'  
Ltd Ed. Maroon, yellow panel un-numbered  
Maroon, yellow front D815 'Trud'  
Ltd Ed. Maroon, yellow front un-numbered  
Blue, yellow ends pre-tops D866 'Zebra'  
Ltd Ed. Blue, yellow ends, pre-tops, un-numbered  
Blue, yellow ends post tops B29 'Maggie'  
Ltd Ed. blue, yellow ends, post tops un-numbered  
RRP £699.00 our price £550.00

SEND STAMPED S.A.E. AND ASK FOR FREE 40 PAGE 'O' GAUGE PRICE LIST.

## TOWER MODELS, 44 Cookson St., Blackpool FY1 3ED

Email: sales@tower-models.com

TEL: 01253 623797 or 623799 FAX: 01253 623797

TEL/FAX CREDIT CARD ORDERS WELCOME. WORLDWIDE MAIL ORDER

Visit our well stocked shop, 200 yards from Talbot Rd. Bus Station (Blackpool North Railway Station 400 yards). Open Mon to Sat 9.30 to 5.00

Visit our website: [www.tower-models.com](http://www.tower-models.com)

## POSTAGE CHARGES

Orders up to £35.00 plus £2.50 p&p.  
Orders £35.01 to £150.00 plus £6.00 p&p.  
ORDERS OVER £150.00 POST FREE  
Overseas orders postage charged at cost.

All prices include VAT @ 20%.  
We reserve the right to alter prices without notice.



## Opening Hours

10am - 5pm  
Tuesday to Saturday  
Closed Bank Holidays



## Model Railways Direct Ltd

Retail Unit 2,  
Phoenix Way  
Portishead,  
Bristol, BS20 7GP

**Tel 01275 774 224**

[sales@modelrailwaysdirect.co.uk](mailto:sales@modelrailwaysdirect.co.uk)



# MODEL RAILWAYS DIRECT

[www.modelrailwaysdirect.co.uk](http://www.modelrailwaysdirect.co.uk)

## ANY SCALE



**WOODLAND SCENICS®**  
The World Leader in Model Scenery



Fine Ballast **£4.21 £4.95**

WB70 Fine Ballast Iron Ore  
WB71 Fine Ballast Dark Brown  
WB72 Fine Ballast Brown  
WB73 Fine Ballast Buff  
WB74 Fine Ballast Light Grey  
WB75 Fine Ballast Grey  
WB76 Fine Ballast Cinders



Medium Ballast **£4.21 £4.95**

WB77 Medium Ballast Iron Ore  
WB78 Medium Ballast Dark Brown  
WB79 Medium Ballast Brown  
WB80 Medium Ballast Buff  
WB81 Medium Ballast Light Grey  
WB82 Medium Ballast Grey  
WB83 Medium Ballast Cinders  
WB94 Medium Ballast Grey Blend **£8.75**



Coarse Ballast **£4.21 £4.95**

WB84 Coarse Ballast Iron Ore  
WB85 Coarse Ballast Dark Brown  
WB86 Coarse Ballast Brown  
WB87 Coarse Ballast Buff  
WB88 Coarse Ballast Light Grey  
WB89 Coarse Ballast Grey  
WB90 Coarse Ballast Cinders



Earth Colours Undercoat **£7.44 £8.75**

WC1228 Liquid Pigment Undercoat Green  
WC1229 Liquid Pigment Undercoat Earth



Earth Colours **£5.95 £7.00**

WC1216 Liquid Pigment White  
WC1217 Liquid Pigment Concrete  
WC1218 Liquid Pigment Stone Grey  
WC1219 Liquid Pigment Slate Grey  
WC1220 Liquid Pigment Black  
WC1221 Liquid Pigment Raw Umber  
WC1222 Liquid Pigment Burnt Umber  
WC1223 Liquid Pigment Yellow Ochre



Coal **£3.83 £4.50**

WB92 Coal Mine Run  
WB93 Coal Lump



Fine Turf **£2.98 £3.50**

WT41 Fine Turf Soil  
WT42 Fine Turf Earth  
WT43 Fine Turf Yellow Grass  
WT44 Fine Turf Burnt Grass  
WT45 Fine Turf Green Grass  
WT46 Fine Turf Weeds



Coarse Turf **£2.98 £3.50**

WT60 Coarse Turf Earth  
WT61 Coarse Turf Yellow Grass  
WT62 Coarse Turf Burnt Grass  
WT63 Coarse Turf Light Green  
WT64 Coarse Turf Medium Green  
WT65 Coarse Turf Dark Green



Blended Turf **£5.95 £7.00**

WT49 Blended Turf Green Blend  
WT50 Blended Turf Earth Blend



Underbrush **£4.47 £5.25**

WFC134 Underbrush Olive Green  
WFC135 Underbrush Light Green  
WFC136 Underbrush Medium Green  
WFC137 Underbrush Dark Green  
WFC138 Underbrush Forest Green  
WFC139 Underbrush Forest Blend



Bushes **£4.47 £5.25**

WFC144 Bushes Olive Green  
WFC145 Bushes Light Green  
WFC146 Bushes Medium Green  
WFC147 Bushes Dark Green  
WFC148 Bushes Forest Green  
WFC149 Bushes Forest Blend



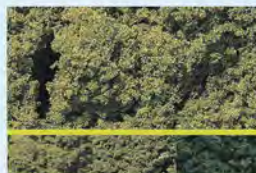
Clump Foliage **£5.95 £7.00**

WFC682 Clump Foliage Light Green  
WFC683 Clump Foliage Medium Green  
WFC684 Clump Foliage Dark Green



Foliage **£4.47 £5.25**

WF51 Foliage Light Green  
WF52 Foliage Medium Green  
WF53 Foliage Dark Green  
WF54 Foliage Conifer Green  
WF55 Foliage Early Fall Mix  
WF56 Foliage Late Fall Mix



Foliage Clusters **£8.08 £9.50**

WFC57 Foliage Clusters Light Green  
WFC58 Foliage Clusters Medium Green  
WFC59 Foliage Clusters Dark Green



Fine Leaf Foliage **£14.67 £17.25**

WFI130 Fine Leaf Foliage Dark Green  
WFI131 Fine Leaf Foliage Medium Green  
WFI132 Fine Leaf Foliage Light Green  
WFI133 Fine Leaf Foliage Olive Green  
WFI134 Fine Leaf Foliage Dead Foliage  
WFI135 Fine Leaf Foliage Fall Mix



Tree Armatures **£12.54 £14.75**

WTRI120 Deciduous Trees 3/4" to 2"  
WTRI121 Deciduous Trees 2" to 3"  
WTRI122 Deciduous Trees 3" to 5"  
WTRI123 Deciduous Trees 5" to 7"  
WTRI124 Pine Trees 2.5" to 4"  
WTRI125 Pine Trees 4" to 6"



Realistic Tree Kits **£11.69 £13.75**

WTRI111 Deciduous 3/4" to 3" Med Green  
WTRI112 Deciduous 3" to 7" Med Green  
WTRI113 Pine 2 1/2" to 6" Forest Green



Earth Colour Kit **£14.67 £17.25**

WC1215 Earth Colour Kit



Water

WC1206 E-Z Water **£11.69 £13.75**  
WC1211 Realistic Water **£18.92 £22.25**  
WC1212 Water Effects **£13.18 £15.50**



Lichen **£8.93 £10.50**

WL161 Lichen Spring Green  
WL162 Lichen Light Green  
WL163 Lichen Medium Green  
WL164 Lichen Dark Green  
WL165 Lichen Autumn Mix  
WL166 Lichen Natural



Field Grass **£3.83 £4.50**

WFG171 Field Grass Natural Straw  
WFG172 Field Grass Harvest Gold  
WFG173 Field Grass Light Green  
WFG174 Field Grass Medium Green



Flowering Foliage **£3.83 £4.50**

WF176 Flowering Foliage Yellow  
WF177 Flowering Foliage Purple



Adhesives & Accessories

WS190 Scenic Glue **£6.59 £7.75**  
WS191 Scenic Cement **£7.44 £8.75**  
WS192 Scenic Sprayer **£3.83 £4.50**  
WS194 Canister Shaker **£3.83 £4.50**  
WS195 Hob-e-Tac Adhesive **£5.32 £6.25**



WC1203 Plaster Cloth **£8.93 £10.50**

**EXPORTS  
VAT  
FREE**

FOR DELIVERIES OUTSIDE THE EU  
WE WILL AUTOMATICALLY DEDUCT  
VAT (20%) AND CALCULATE POSTAGE  
CHARGES AT CHECKOUT.

Prices valid for 28 days from magazine publication date and are valid for pre-orders made on or before this date, all items are subject to availability. All items are in stock or on order at time of producing advertisement, payment (except PayPal) will not be taken until items are dispatched. We regret that we are not able to accept cheques. Prices shown include VAT at 20%. Errors excepted.



## UK POSTAGE £3.99 FAST, SECURE DELIVERY

Next Day delivery £7.95. Highlands, Islands are subject to a surcharge for large items and parcels over 1.8kg. Some oversize items may have to be shipped by courier. Postage charges are per shipment.

\*Free UK Delivery excludes some areas including NI, Highlands & Islands



**LIVE  
STOCK  
INFO**



# THE END OF SOUTHERN STEAM

*Despite extensive electrification, British Railways' Southern Region remained a Mecca for steam enthusiasts right into the late 1960s, with some crack express workings surviving until the very end in July 1967, as **EVAN GREEN-HUGHES** explains.*

**I**N THE LATE EVENING of July 9 1967 BR Standard '3MT' 2-6-0 77014 shuffled off from Bournemouth with its usual load of mixed vans just as it had on many occasions before.

Few were there to mark the occasion - but in fact the working was the very last movement of any steam train on the Southern Region, bringing to an end an era which had lasted for more than 130 years.

There had been a great deal more attention paid to 'Merchant Navy' 35030 *Elder Dempster Lines* earlier that day when it rolled into Waterloo with the last steam-hauled passenger working from Weymouth; this at the end of a weekend that had also seen the final London to Southampton boat train, worked by 'West Country' 34037 *Clovelly*, and the last 'Channel Islands Boat Express' that had been in the charge of 'Merchant Navy' 35023 *Holland-Afrika Line*. Enthusiasts were devastated, many railwaymen lost their jobs and famous depots such as Nine Elms, Guildford, Salisbury, Bournemouth Central and Weymouth closed their doors for the last time.

Given the Southern Railway's propensity for electrifying railways it was perhaps surprising that steam hung on as long as it did. Electrification had after all begun with the London Brighton and South Coast Railway in 1903 and the third-rail system had first been used on some of the routes of the London & South Western Railway in 1913. These systems were designed for the intense commuter traffic in the areas around London but so great were the efficiencies that the network of electrified lines spread steadily, with Dorking reached by 1925, Epsom and others in 1929, Dartford-Gravesend and Windsor in 1930, Woking in 1939 and outlying areas such as the Kent coast being completed by 1962.

## THE NEED FOR STEAM

Despite all this, the region still had a requirement for steam traction on its prestige routes from Waterloo to the South Coast, in its Western areas into Devon and for goods and parcels traffic for which electric locomotives had not been provided. Also hanging on as a bastion of steam was the unique and self-contained system of the Isle of Wight, which boasted some of the oldest engines still to be seen in daily service and which was eventually to fall to 'modernisation' in the form of pensioned-off tube stock after a portion of its dramatically-reduced system was electrified.

Such was the demand for steam traction that the Southern Region had 1,100 steam

locomotives available in 1961 but five years later this figure had dwindled to just over 200, mainly due to the availability of diesels in the west. However, the future of the remainder was sealed with the announcement that the London to Southampton and Bournemouth route was to receive the third-

rail power system with the installation work eventually being completed in 1967. This would mean the end for the 70 Bulleid 'Pacifics' still on the books, 16 of which were 'Merchant Navys', 14 original 'Battle of Britains' and 40 of the rebuilt 'Light Pacifics'.

It was these 70 locomotives that were to provide particular interest for enthusiasts because in most of the other regions modernisation had been applied first to express and long-distance services, leading to the loss of crack West Coast Main Line trains to electric traction and the East Coast Main Line ones to diesels. What steam remained was usually confined to secondary duties or more mundane tasks such as freight meaning that there were few opportunities to enjoy express locomotives at full cry. On the Southern it >>

**SOUTHERN  
END OF STEAM  
50<sup>th</sup>  
ANNIVERSARY**





The Southern Region was the last to host express steam workings on the British railway network. On March 19 1967, four months before the end, Bulleid rebuilt 'West Country' 34013 *Okehampton* approaches Southampton Central under its distinctive gantry with the 2.25pm Bournemouth-Waterloo. [David Rostance/Railphotoprints.co.uk](#)







**Above:** The end of steam on the Southern: unkempt and unnamed 'Merchant Navy' 35013 *Blue Funnel* takes water at Southampton as it heads a Waterloo-Bournemouth service in June 1967. Though its external appearance was grubby, these locomotives were maintained in fine mechanical order and regularly achieved 100mph running in the final months. [Railphotoprints.co.uk](http://Railphotoprints.co.uk).

**Left:** It's 3am on a fresh night in April 1967 and 34087 *145 Squadron* and another rebuilt Bulleid 'West Country' simmer in the darkness at Bournemouth depot. [Brian Robbins/Railphotoprints.co.uk](http://BrianRobbins/Railphotoprints.co.uk).

**Right:** Right to the end Bournemouth Central had a proper station pilot, invariably Ivatt '2MT' 2-6-2T 41224. On May 9 1967 it was tucked away in the up platform bay with a selection of parcels vans. [Tim Shackleton](http://TimShackleton).

**Far right:** The new order on the Bournemouth line – on May 9 1967 gleaming 34093 *Saunton* blows out its cylinders prior to leaving for London while blue-liveried 'JB' (later class 73) electro-diesel E6020 comes to a halt with a 12-coach set of 4-TC units from Waterloo. [Tim Shackleton](http://TimShackleton).







was quite the opposite and express steam working was still an everyday occurrence. The difference was that the predominance of electric suburban services in the south had led to a different replacement policy which left expresses in the hands of steam right until the whole route was handed over to more modern traction.

Services from Waterloo to Southampton, Bournemouth and Weymouth therefore remained wholly in charge of steam traction, even during the period that steam was being eliminated from other routes by diesels. The region's drivers knew that this was their swansong and with the track recently improved to allow for 100mph running by electric trains, three-figure speeds became quite common for steam also. It is said that during the last 100 days of steam operation on the route there wasn't one day that the magic 'ton' was not attempted, if not actually achieved. 35006 *Royal Mail* is said to have achieved 100mph no less than six times and also to have achieved 106mph on one occasion, the highest speed ever recorded by a Southern Railway engine.

Although most of the attention, and publicity, centred round the activities of the magnificent Bulleid 'Pacifics', and indeed the locomotives had been used for most of the region's 'last steam' specials, the region was home to a diverse collection of other engines towards the end. In the final months it was dominated by its allocation of BR Standards, including '5MT' and '4MT' 4-6-0s, '4MT' 2-6-0s, '4MT' 2-6-4Ts and '3MT' 2-6-2Ts. A total of 120 were left in the final months and they made appearances on the more mundane duties, including the now-preserved Swanage branch and also the Lymington branch where they shared duties with Ivatt '2MT' 2-6-2Ts. Steam also worked goods and parcels between Plymouth and Brighton while empty stock trains in the London area still occupied some tank locomotives.

Also hanging on until just into 1966 and therefore not quite making the final swansong were some examples of the rather peculiar-looking 'Q1' 0-6-0 designed by Bulleid during the Second World War and produced in such a fashion as to use the »







**Above:** Eastleigh station in the throes of rebuilding, ready for the start of the full electric service that by now was only weeks away. An unidentified Light Pacific with a heavy load of perishables waits for a passenger train to cross over from the Romsey line in June 1967. Tim Shackleton.

minimum quantities of materials as possible during construction. Most of the work that these engines had been designed to do had been passed over to the Birmingham Railway Carriage and Wagon Company's Type 3 diesels. The final three were based at Guildford which also had ten 'Moguls' of the 'N' and 'U' classes. Making it to the actual end were three 'USA' 0-6-0Ts, originally intended for Southampton Docks and which had become pilots at Guildford, Southampton and Eastleigh.

## FINAL DAYS

Despite all the euphoria from steam fans, the reality of the last days of Southern steam was that the remaining locomotives were thoroughly unkempt and filthy, although most were still in fine mechanical fettle. All the 'Pacifics' had lost their nameplates as management had ordered they be removed due to some having been stolen but many had embellishments added by enthusiasts.

Perhaps people's memories of those final days are tinted by the fact that the weather was unusually good throughout a summer that saw steam diagrams progressively reduced until from April 3 1967 only eight departures from Waterloo per day remained on Mondays to Thursdays with a further two operating on a Friday. Steam was removed from the Lymington branch and Weymouth was reduced to a stabling point, losing its allocation of eight 'Merchant Navys' in the process. Electric working had started to Bournemouth but steam was often used as a substitute and also sometimes to stand in for the Class 47s which had been allocated to prestige services such as the 'Bournemouth Belle'.

The last day for steam on the Southern Region was planned to be somewhat earlier than actually happened, with June 11 being the anticipated date. However not enough of the new electric units were available and so there was a final reprieve of three more weeks. In the final days

*"There wasn't one day that the magic 'ton' was not attempted, if not actually achieved."*

there were still 41 weekday diagrams being worked and even on a Sunday 16 steam engines were still employed.

Meanwhile enthusiasts clamoured for a last look round bastions of steam such as Nine Elms shed, a veritable warren of a place which by the summer of 1967 was run down and littered with parts from broken locomotives, many of which had been cannibalised to keep the runners in working order. Pits were full of discarded parts and many of those formerly employed had already moved on to other jobs. Everyone knew that sheds such as these would disappear for ever.

The very last day found 35023 *Holland-Afrika Line* still in steam, although it had worked its last train the day before, complete with chalked legend 'The End, The Last One' on the smokebox door. In the

**Right:** The last summer of steam on the Southern coincided with the emergence of the 'New Approach' to railway photography. Anything and everything was fair game and here a BR '3MT' 2-6-0 approaches Basingstoke with a stopping service on May 10 1967. Tim Shackleton.

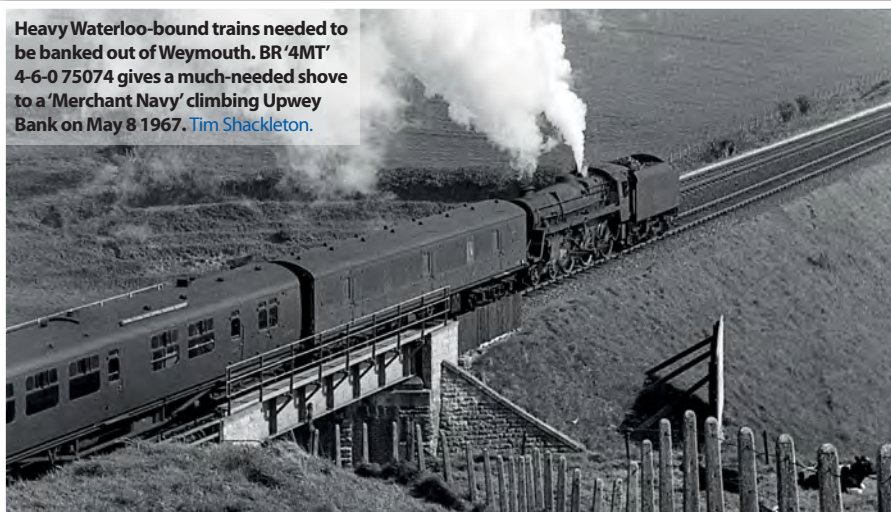




yard there were a few perfectly serviceable 'Pacifics' along with a Standard tank and '4MT' tender engine. Nine Elms itself was to eventually be reborn as the home of a new market but the engines went off for scrap - steam was now a thing of the past.

The Southern Region was the last part of British Railways to operate what could in any way be considered to be a main line with express steam locomotives. The locomotives might have been a bit rough on the outside but the performances were as spectacular as they ever had been. With their withdrawal went some of the romance of travelling to and from the continent by boat train but those days will never be forgotten and in many ways they will live on in photographs, videos, heritage line recreations and even in the model railways that we build. [Jelvan](#)

Heavy Waterloo-bound trains needed to be banked out of Weymouth. BR '4MT' 4-6-0 75074 gives a much-needed shove to a 'Merchant Navy' climbing Upwey Bank on May 8 1967. [Tim Shackleton](#).





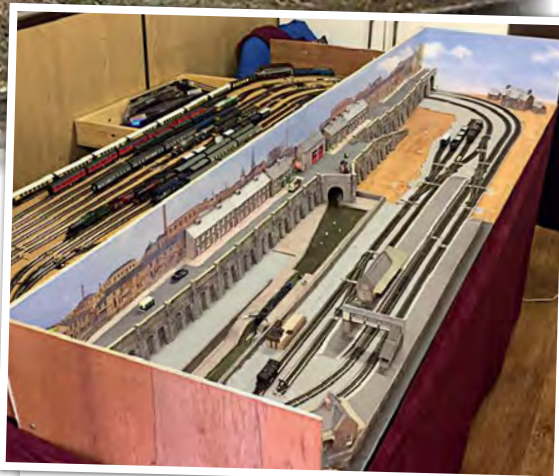


▼ Jim Smith-Wright shared this stunning image of his Brettell Road project via the *Hornby Magazine* Facebook page. We can't wait to see it finished!

**OUR PICK!**



▲ Kemballhurst is Phil Self's current 'OO' gauge project with a strong Southern Region theme. A Hornby Drummond '700' 0-6-0 and 'M7' 0-4-4T simmer at the station.



▲ Edward Farms is currently developing this 'N' gauge layout after being inspired by *Hornby Magazine* Yearbook No. 8 and its power station build. Much Snoreing will be set on the Great Western Railway in the 1930s when complete.



▲ Hornby 'Castle' 4-6-0 5076 Dryslwyn Castle rounds the curve on Robin Sweet's layout hauling an inter-regional working of Stanier LMS 57ft corridor stock, all from the Hornby range.





► David Gregory has been developing the scenic aspects of his 'OO' layout with the addition of building lighting.



▼ Brian McCulloch and his dad have been busy developing this superb scene which features a high level of detailing both on and off the railway and clever use of card kit structures.



► Stephen Edwards has begun the next phase of his 'N' gauge project Tetley to Twining (HM119) by developing the storage yard.



▼ The steam hauled run of the 'Golden Arrow' Pullman train is represented on Andrew Hamilton's layout.



▲ Hornby's new KFA container flat has joined Paul Dickinson's rolling stock portfolio.



▲ Andrew Hamilton has been developing his modern traction collection including Mk 4 Virgin Trains East Coast and Mk 3 DB Schenker Managers Train Driving Van Trailers (DVTs).





# SHOW GUIDE

Welcome to the *Hornby Magazine* Show Guide – your guide to the exhibitions that are taking place throughout the country every weekend. This listing is a guide to events planned by model railway clubs and societies, and is updated each issue. Entries marked in blue are new shows to the listing. We recommend checking the society website or using the contact details provided to check a show or event is on before travelling. All information is provided in good faith, and *Hornby Magazine* cannot be held responsible for any changes that may take place following publication.

## JULY

### 15 EXBURY MODEL RAILWAY EXHIBITION

**Hosts:** Exbury Club  
**Location:** Exbury Club, Summer Lane, Exbury, Nr Beaulieu, Southampton, Hampshire SO45 1AH  
**Times:** 10.30am-5pm  
**Prices:** Adults £3.50, children free  
**Contact:** 02380 891345  
**Features:** Layouts, refreshments, parking, disabled access.

### 15 FRINTON-ON-SEA MODEL RAILWAY EXHIBITION

**Hosts:** Dakota Dibben  
**Location:** St Mary's Parish Church, Old Road, Frinton-on-Sea, Essex CO13 9BX  
**Times:** 10am-4.30pm  
**Prices:** Adults £5, children £2, family £12  
**Contact:** [info@dakotadibben.co.uk](mailto:info@dakotadibben.co.uk)  
**Features:** Layouts and trade support.

### 15 TRAIN COLLECTORS SOCIETY ALL TRAINS GREAT AND SMALL SHOW

**Hosts:** Train Collectors Society  
**Location:** Stantonbury Arts and Leisure Centre, Monks Way, Stantonbury, Milton Keynes MK14 6BN  
**Times:** 10.30am-5pm  
**Prices:** Adults £4.50  
**Contact:** [www.traincollectors.co.uk](http://www.traincollectors.co.uk)  
**Features:** Layouts, trade support, refreshments, parking and disabled access.

### 15 CHILTERN MODEL RAILWAY ASSOCIATION MODELLERS DAY 2017

**Hosts:** Chiltern Model Railway Association (CMRA)  
**Location:** Parmiters School, High Elms Lane, Watford WD25 0DU  
**Times:** 10am-5pm  
**Prices:** £10 in advance (CMRA members)  
**Website:** [www.cmra.org.uk](http://www.cmra.org.uk)  
**Contact:** 01438 715580  
**Features:** Presentations, demos, trade support, refreshments.

### 15/16 CUPAR MODEL RAILWAY SHOW

**Hosts:** Cupar and District Model Railway Club  
**Location:** Corn Exchange, St Catherine Street, Cupar KY15 4BT  
**Times:** Sat 10am-4.30pm, Sun 10am-4.30pm  
**Prices:** Adults £2, children £2, family (2+2) £10  
**Website:** [www.freewebs.com/cuparmrc/](http://www.freewebs.com/cuparmrc/)  
**Features:** 13 layouts, trade support, refreshments and disabled access

### 16 EAST SUSSEX 'O' GAUGE GROUP MODEL RAILWAY SHOW

**Hosts:** East Sussex 'O' Gauge Group  
**Location:** Village Hall, Pett Road, Pett, Hastings, East Sussex TN35 4HB  
**Times:** 10am-4.30pm  
**Prices:** Adults £3, accompanied children free  
**Contact:** 07836 561657  
**Features:** Layouts, trade support, demonstrations, displays, refreshments, parking and disabled access.

### 16 HOPMAN MODEL RAILWAY AND HOBBY EXHIBITION

**Hosts:** Hopman Gala Fund  
**Location:** Memorial Hall, Farquhar Street, Hopman, Elgin, Moray IV30 5SL  
**Times:** 10.30am-4.30pm  
**Prices:** Free (donations welcome)  
**Contact:** 07818 614568  
**Features:** Layouts and displays.

### 22 ENGLISH RIVIERA MODEL RAILWAY EXHIBITION

**Hosts:** Dakota Dibben  
**Location:** Churston Ferrers Grammar School, Greenway Road, Galmpton, Brixham, Devon TQ5 0LN  
**Times:** 10am-4.30pm  
**Prices:** Adults £5, children £2, family £12  
**Contact:** [info@dakotadibben.co.uk](mailto:info@dakotadibben.co.uk)  
**Features:** Layouts and trade support.

### 22 PEVENSEY BAY MODEL RAILWAY CLUB EXHIBITION

**Hosts:** Pevensey Bay Model Railway Club  
**Location:** Pevensey Memorial Hall, Church Lane, Pevensey, East Sussex BN24 5LA  
**Times:** 10am-4.30pm  
**Prices:** Adults £4, children £2, family (2+2) £10  
**Website:** [www.pevenseybaymrc.co.uk](http://www.pevenseybaymrc.co.uk)  
**Features:** 16 layouts, trade support, refreshments, parking and disabled access.

### 22 SUSSEX VINTAGE MODEL RAILWAY EXHIBITION

**Hosts:** Sussex Vintage Model Railway Collectors  
**Location:** Knoyle Hall, Knoyle Road, Preston Park, Brighton BN1 6RB  
**Times:** 10am-4.30pm  
**Prices:** Adults £3.50, accompanied children free  
**Website:** [www.sussex-transport/svmrc](http://www.sussex-transport/svmrc)  
**Features:** Layouts, trade support, displays, refreshments and disabled access.

### 22 TWICKENHAM AND DISTRICT MODEL RAILWAY CLUB OPEN DAY

**Hosts:** Twickenham and District Model Railway Club  
**Location:** Kerswell Hall, Wills Crescent, Hounslow TW3 2JF  
**Times:** 10am-4pm  
**Prices:** Free  
**Website:** [www.tdmrc.org.uk](http://www.tdmrc.org.uk)  
**Contact:** 01784 459104  
**Features:** Six layouts, demonstrations, club stall and disabled access.

### 22/23 2017 FESTIVAL OF MODEL TRAMWAYS

**Hosts:** London Museum of Water and Steam  
**Location:** Green Dragon Lane, Brentford TW8 0EN  
**Times:** Sat 11am-4.30pm, Sun 11am-4.30pm  
**Prices:** Adults £12.50, concessions £11, children £5.50, family (1+2) £18, family (2+2) £30.50  
**Website:** [www.tramwayinfo.com](http://www.tramwayinfo.com)  
**Features:** Model tramways, trade support, demonstrations, displays and refreshments.

### 22/23 GOATHLAND MODEL RAILWAY SHOW

**Hosts:** Whitby and District Model Railway Club  
**Location:** Goathland Village Hall, Goathland, North Yorkshire YO22 5LN  
**Times:** Sat 10am-4.30pm, Sun 10am-4.30pm  
**Prices:** Admission £1  
**Contact:** 07870 480925  
**Features:** Layouts, trade support, refreshments, parking and disabled access.

### 23 GAINSBOROUGH MODEL RAILWAY SOCIETY - OPEN DAY

**Hosts:** Gainsborough Model Railway Society  
**Location:** Florence Terrace, Gainsborough, Lincolnshire DN21 1BE  
**Times:** 1.30pm-6pm  
**Prices:** Adults £4, concessions £3, children £3, family (2+2) £10  
**Website:** [www.gainsboroughmodelrailway.co.uk](http://www.gainsboroughmodelrailway.co.uk)  
**Contact:** 01427 610475  
**Features:** Showcasing the LNER in the heyday of steam, featuring dozens of 'O' gauge trains on the club's extensive East Coast layout.

### 26 TAUNTON MODEL RAILWAY GROUP - OPEN DAY

**Hosts:** Taunton Model Railway Group  
**Location:** Platform One, Bishops Lydeard Station, West Somerset Railway TA4 3RU  
**Times:** 10.30am-4.30pm  
**Prices:** Adults £1.50, children 75p  
**Website:** [www.bathgreenpark.co.uk](http://www.bathgreenpark.co.uk)  
**Contact:** 07879 852736  
**Features:** 'OO' layout Tamerig on display and refreshments.

### 29 BARNSTAPLE MODEL RAILWAY EXHIBITION

**Hosts:** Barnstaple and District Model Railway Club  
**Location:** Christ Church, Bear Street, Barnstaple, Devon EX32 7BU  
**Times:** 10am-4pm

**Prices:** Adults £4  
**Website:** [www.barnstaplemrc.weebly.com](http://www.barnstaplemrc.weebly.com)  
**Contact:** 01237 238872  
**Features:** 14 layouts, trade support, refreshments and disabled access.

### 29 BRIDPORT MODEL RAILWAY EXHIBITION

**Hosts:** Bridport and District Model Railway Club  
**Location:** Bridport United Church Hall, East Street, Bridport, Dorset DT6 3LJ  
**Times:** 10am-4.30pm  
**Prices:** Adults £3.50, children £1  
**Contact:** 01308 861754  
**Features:** Layouts, trade support and refreshments.

### 29 CHINGFORD MODEL RAILWAY SHOW

**Hosts:** Chingford Royal British Legion  
**Location:** Royal British Legion Hall, Hall Lane, Chingford E4 8HW  
**Times:** 11am-4pm  
**Prices:** Adults £3, children 50p  
**Contact:** 020 8524 0730  
**Features:** Layouts, trade support, demonstrations, refreshments, parking and disabled access.

### 29/30 COLWYN MODEL RAILWAY CLUB EXHIBITION

**Hosts:** Colwyn Model Railway Club  
**Location:** Craig y Don Community Centre, Queen's Road, Craig y Don, Llandudno, LL30 1TF  
**Times:** Sat 10am-4pm, Sun 10am-4pm  
**Prices:** Adults £4, children £2  
**Website:** [www.colwynmodelrailwayclub.co.uk](http://www.colwynmodelrailwayclub.co.uk)  
**Contact:** 01766 890842  
**Features:** Layouts, trade support, refreshments and parking.

### 29/30 GREAT CENTRAL RAILWAY (NOTTINGHAM) MODEL RAIL SHOW

**Hosts:** Great Central Railway (Nottingham)  
**Location:** Great Central Railway (Nottingham), Mere Way, Ruddington NG11 6JS  
**Times:** Sat 10am-5pm, Sun 10am-5pm  
**Prices:** Adults £12 (£6), children £6 (£3) – show only admission price in brackets  
**Website:** [www.gcrn.co.uk](http://www.gcrn.co.uk)  
**Features:** Layouts, trade support, heritage steam train rides, refreshments, parking and disabled access.

### 29/30 RAILEX NE

**Hosts:** Blyth and Tyne Model Railway Society  
**Location:** John Spence Community High School, Preston Grange, North Shields, Tyne and Wear NE29 9PU  
**Times:** Sat 10am-5pm, Sun 10am-4pm  
**Prices:** Adults £7, children £3, family (2+2) £16  
**Website:** [www.railexne.com](http://www.railexne.com)  
**Features:** 40 layouts, trade support, demonstrations and societies.

### 29/30 SOUTH COAST MODEL RAILWAY CLUB EXHIBITION

**Hosts:** South Coast Model Railway Club  
**Location:** Arnewood School, Gore Road, New Milton, Hampshire BH25 6RS  
**Times:** Sat 10am-5pm, Sun 10am-4pm  
**Prices:** Adults £5, children £3.50, family (2+2) £15  
**Website:** [www.southcoastmodelrailwayclub.co.uk](http://www.southcoastmodelrailwayclub.co.uk)  
**Contact:** 01425 616646  
**Features:** 17 layouts, trade support, refreshments, parking and disabled access.

### 29/30 ST JOHN'S CHARITY MODEL RAILWAY EXHIBITION

**Hosts:** St John's Primary School  
**Location:** St John's Primary School, Wheatley Avenue, Trent Vale, Stoke on Trent ST4 6SB  
**Times:** Sat 10.30am-5pm, Sun 10.30am-4.30pm  
**Prices:** Adults £4, children £2, family (2+2) £10  
**Contact:** 07747 087050  
**Features:** Layouts, trade support, demonstrations, refreshments, parking and disabled access.



**30 THIRSK AND DISTRICT MODEL RAILWAY GROUP SHOW**  
**Hosts:** Thirsk and District Model Railway Group  
**Location:** Thirsk Town Hall, Westgate, Thirsk, North Yorkshire YO7 1QR  
**Times:** 10.30am-4.30pm  
**Prices:** Adults £4, accompanied children £2, family £10  
**Contact:** [p.simmerson@btinternet.com](mailto:p.simmerson@btinternet.com)  
**Features:** 12 layouts, trade support, refreshments and disabled access.

## AUGUST

**2 TAUNTON MODEL RAILWAY GROUP – OPEN DAY**  
**Hosts:** Taunton Model Railway Group  
**Location:** Platform One, Bishops Lydeard Station, West Somerset Railway TA4 3RU  
**Times:** 10.30am-4.30pm  
**Prices:** Adults £1.50, children 75p  
**Website:** [www.bathgreenpark.co.uk](http://www.bathgreenpark.co.uk)  
**Contact:** 07879 852736  
**Features:** 'OO' layout Tamerig on display and refreshments.

**5 EXMOOR RAIL**  
**Hosts:** Exmoor Coast Railway Modellers  
**Location:** The Minehead Eye, Mart Road, Minehead, Somerset TA24 5BJ  
**Times:** 10am-4.30pm  
**Prices:** Adults £5, children £1, family (2+2) £10  
**Contact:** 01643 706736  
**Features:** Layouts, trade support, demonstrations, refreshments and parking.

**5 PENNINE MODEL RAILWAY SOCIETY EXHIBITION**  
**Hosts:** Pennine Model Railway Society  
**Location:** St Phillips Community Centre, Briarlyn Road, Birchcliffe, Huddersfield HD3 3NL  
**Times:** 10am-5pm  
**Prices:** Adults £4.50, children free  
**Contact:** 07787 840672  
**Features:** 11 layouts, trade support and refreshments.

**5/6 REDCAR MODEL RAILWAY EXHIBITION**  
**Hosts:** Cleveland Model Railway Club  
**Location:** Redcar and Cleveland College, Corporation Road, Redcar, Cleveland, TS10 1EZ  
**Times:** Sat 10am-5pm, Sun 10am-4pm  
**Prices:** Adults £4.50, concessions £3.50, children £3.50, family (2+2) £12.50  
**Website:** [www.cmrc.club](http://www.cmrc.club)  
**Contact:** 07864 880242  
**Features:** 13 layouts, trade support, demos, displays, refreshments, parking and disabled access.

**5/6 SOUTHWOLD MODEL RAILWAY EXHIBITION**  
**Hosts:** Waveney Valley Model Railway Club  
**Location:** Saint Felix School, Halesworth Road, Southwold, Suffolk IP18 6SD  
**Times:** Sat 10am-5pm, Sun 10am-4.30pm  
**Prices:** Adults £7, 12-17yrs £3, under 12yrs free  
**Website:** [www.wvmrc.org.uk](http://www.wvmrc.org.uk)  
**Features:** Layouts, trade support, demonstrations, societies, outdoor steam rides, refreshments, parking and disabled access.

**5/6 ST ANDREWS MODEL RAILWAY EXHIBITION**  
**Hosts:** East Neuk Model Railway Club  
**Location:** St Andrews Town Hall, Queens Gardens, St Andrews, Fife KY16 9TA  
**Times:** Sat 10am-5.30pm, Sun 10.30am-5pm  
**Prices:** Adults £4, children £2.50  
**Contact:** [www.eastneukmrc.co.uk](http://www.eastneukmrc.co.uk)  
**Features:** 11 layouts and trade support.

**9 TAUNTON MODEL RAILWAY GROUP – OPEN DAY**  
**Hosts:** Taunton Model Railway Group  
**Location:** Platform One, Bishops Lydeard Station, West Somerset Railway TA4 3RU  
**Times:** 10.30am-4.30pm  
**Prices:** Adults £1.50, children 75p  
**Website:** [www.bathgreenpark.co.uk](http://www.bathgreenpark.co.uk)  
**Contact:** 07879 852736  
**Features:** 'OO' layout Tamerig on display and refreshments.

**10 WELLING CHARITY MODEL FAIR**  
**Hosts:** Association of Bexley Charities '78  
**Location:** Falconwood Community Centre, Falconwood Parade, The Green, Welling, Kent DA16 2PG  
**Times:** 6pm-9.30pm  
**Prices:** Adults £1, accompanied children free  
**Website:** 020 8310 5018  
**Features:** Trade tables, refreshments and parking.

**12 BEXHILL MODEL RAILWAY EXHIBITION**  
**Hosts:** Bexhill Model Railway Club  
**Location:** St Richard's Catholic College, Ashdown Road, Bexhill-On-Sea TN40 1SE  
**Times:** 10am-5pm  
**Prices:** Adults £4, children £2, family £10  
**Website:** [www.bexhillmrc.org.uk](http://www.bexhillmrc.org.uk)  
**Features:** Layouts, trade support, refreshments and parking.

**12 HEYWOOD MODEL RAILWAY GROUP OPEN DAY**  
**Hosts:** Heywood Model Railway Group  
**Location:** Club Rooms, Unit 4, Park Works, River Street, Heywood, Lancashire OL10 4AB  
**Times:** 10am-4pm  
**Prices:** Free (donation to club appreciated)  
**Website:** [www.hmrg.co.uk](http://www.hmrg.co.uk)  
**Features:** Layouts, refreshments and parking.

**12 SILVERFOX DCC MODEL RAILWAY EXHIBITION**  
**Hosts:** Silverfox DCC Model Railway Club  
**Location:** Oakgrove School, Brickhill Street, Milton Keynes MK10 9JQ  
**Times:** 10am-4pm  
**Prices:** Adults £6, children £2  
**Contact:** 01908 225249  
**Features:** 30 layouts, trade support, outdoor rides, classic car display, refreshments, parking and disabled access.

**12/13 ISLE OF PURBECK MODEL RAILWAY EXHIBITION**  
**Hosts:** Dakota Dibben  
**Location:** Harmans Cross Village Hall, Haycrafts Lane, Swanage, Dorset BH19 3EB  
**Times:** Sat 10am-4.30pm, Sun 10am-4.30pm  
**Prices:** Adults £5, children £2, family £12  
**Contact:** [info@dakotadibben.co.uk](mailto:info@dakotadibben.co.uk)  
**Features:** Layouts and trade support.

**12/13 MIDLAND RAILEX 2017**  
**Hosts:** Midland Railway Trust  
**Location:** Midland Railway – Butterley, Butterley Station, Ripley, Derbyshire DE5 3QZ  
**Times:** Sat 10am-4.30pm, Sun 10am-4.30pm  
**Prices:** Adults £15.50, concessions £14.50, children £7.75, family (2+3) £38.75  
**Website:** [www.midlandrailex.co.uk](http://www.midlandrailex.co.uk)  
**Features:** 20 layouts, trade support, refreshments, demos and parking. Ticket price includes unlimited standard gauge travel on day of issue.

**12/13 RAILWELLS 2017 / SCALEFOUR SOUTHWEST**  
**Hosts:** Wells Railway Fraternity  
**Location:** Town Hall, Market Place, Wells, Somerset BA5 2RB  
**Times:** Sat 10.30am-5.30pm, Sun 10.30am-4.30pm  
**Prices:** Adults £6, children 14+ £4, accompanied children under 14 free  
**Website:** [www.railwells.com](http://www.railwells.com)  
**Contact:** 01749 938362  
**Features:** Layouts, trade support, demonstrations, displays, refreshments, parking and disabled access.

**12/13 SKIPTON MODEL RAILWAY EXHIBITION**  
**Hosts:** Skipton and District Railway Society  
**Location:** Skipton Academy, Gargrave Road, Skipton, North Yorkshire BD23 1UQ  
**Times:** Sat 10am-5pm, Sun 10am-4pm  
**Prices:** Adults £5, children free  
**Website:** [www.skiptonrailsoc.org.uk](http://www.skiptonrailsoc.org.uk)  
**Contact:** 07714 579015  
**Features:** Layouts, trade support, demonstrations and refreshments.

**13 BROADLAND MODEL RAILWAY CLUB OPEN DAY**  
**Hosts:** Broadland Model Railway Club  
**Location:** Stalham Town Hall, High Street, Stalham, Norfolk NR12 9AH  
**Times:** 10am-4pm  
**Prices:** Adults £2, accompanied children under 12 free  
**Website:** [www.broadlandmodelrailwayclub.co.uk](http://www.broadlandmodelrailwayclub.co.uk)  
**Features:** Club layouts, refreshments and disabled access.

**16 TAUNTON MODEL RAILWAY GROUP – OPEN DAY**  
**Hosts:** Taunton Model Railway Group  
**Location:** Platform One, Bishops Lydeard Station, West Somerset Railway TA4 3RU  
**Times:** 10.30am-4.30pm  
**Prices:** Adults £1.50, children 75p  
**Website:** [www.bathgreenpark.co.uk](http://www.bathgreenpark.co.uk)  
**Contact:** 07879 852736  
**Features:** 'OO' layout Tamerig on display and refreshments.

**GET MORE ONLINE!**  
**FOR MORE SHOWS AND THE VERY LATEST LISTINGS VISIT**  
**WWW.HORNBYMAGAZINE.COM**  
**FOR OUR ONLINE SHOW GUIDE**

**19 ASTOLAT MODEL RAILWAY CIRCLE OPEN DAY**  
**Hosts:** Astolat Model Railway Circle  
**Location:** National Trust Dapdune Wharf, Wharf Road, Guildford, Surrey GU1 4RR  
**Times:** 11am-5pm  
**Prices:** Adults £3.95, children £2.30, family £11.50, National Trust members free  
**Website:** [www.astolatmrc.co.uk](http://www.astolatmrc.co.uk)  
**Contact:** 01483 722098  
**Features:** Club and members' layouts, test tracks and meet club members.

**19 BISHOPS STORTFORD MODEL RAILWAY EXHIBITION**  
**Hosts:** Bishops Stortford Railway Society  
**Location:** Birchwood High School, Parsonage Lane, Bishops Stortford, Hertfordshire CM23 5NT  
**Times:** 10.30am-4.30pm  
**Prices:** Adults £5, children £2, family £10  
**Website:** <http://bsrs.webplus.net>  
**Contact:** 01279 503511  
**Features:** 20 layouts, trade support, societies, children's activities, refreshments, parking and disabled access.

**19 CRAVEN ARMS MODEL RAILWAY EXHIBITION**  
**Hosts:** Craven Arms and District Model Railway Club  
**Location:** Ludlow Racecourse, Bromfield, Ludlow SY8 2BT  
**Times:** 10am-4.30pm  
**Prices:** Adults £3, concessions £2.50, children £2  
**Contact:** 01588 672145  
**Features:** 12 layouts, trade support, displays, refreshments, parking and disabled access.

**19 NORTHAMPTON MODEL RAILWAY EXHIBITION**  
**Hosts:** Northampton and District Model Railway Club  
**Location:** Cogenhoe Village Hall, York Avenue, Cogenhoe, Northampton NN7 1NB  
**Times:** 10am-4.30pm  
**Prices:** Adults £3, children £2, family (2+2) £8  
**Website:** [www.ndmrc.org](http://www.ndmrc.org)  
**Contact:** 01604 890275  
**Features:** Layouts, trade support, societies, refreshments, parking and disabled access.

**19/20 CARNFORTH STATION MODEL RAILWAY WEEKEND**  
**Hosts:** Carnforth Heritage Centre  
**Location:** Carnforth Heritage Centre, Warton Road, Carnforth, Lancashire LA5 9TR  
**Times:** Sat 10am-4pm, Sun 10am-4pm  
**Prices:** Adults £2, children free  
**Website:** [www.carnforthstation.co.uk](http://www.carnforthstation.co.uk)  
**Contact:** 07967 743126  
**Features:** Seven layouts, trade support, parking and disabled access.

**19/20 CRICH MODEL TRAM, BUS AND RAILWAY EXHIBITION**  
**Hosts:** National Tramway Museum  
**Location:** National Tramway Museum, Crich Tramway Village, Crich, Derbyshire DE4 5DP  
**Times:** Sat 10am-5pm, Sun 10am-5pm  
**Prices:** Adults £16.50, concessions £12.50, children £9.50, family (2+3) £39.50  
**Website:** [www.tramway.co.uk](http://www.tramway.co.uk)  
**Features:** Layouts, trade support, displays, museum exhibits, tram rides, refreshments, parking and disabled access.

## PLANNING AN EXHIBITION?

● Hornby Magazine's Show Guide is a free listing which allows you to promote a forthcoming model railway show. Contact Hornby Magazine by calling 01780 755131 or e-mail: [hornbymagazine@keypublishing.com](mailto:hornbymagazine@keypublishing.com). Please ensure you include appropriate contact details for the public as we are unable to publish the listing without this.



# Hatton's Exclusives

## All Available To Pre-order Now

All our exclusive items are available to view and pre-order at: [www.hattons.co.uk/exclusives](http://www.hattons.co.uk/exclusives)

### ICI Hopper Wagons

Pre-order  
Pristine for £24  
Weathered for £25  
[www.hattons.co.uk/ICI](http://www.hattons.co.uk/ICI)



20 variants available covering the life of this iconic wagon.

Detail variations include:

- Small/large ICI lettering
- Both bogies catered for
- Two axle box styles
- Authentic heavy weathering (where applicable)



### Beilhack ZZA Snowplough

Pre-order for £43  
Due in stock Q1 2018  
[www.hattons.co.uk/beilhack](http://www.hattons.co.uk/beilhack)



- H4-BH-001 (ex Class 40) ZZA ADB965576 in BR yellow
- H4-BH-002 (ex Class 40) ZZA ADB965577 in BR yellow
- H4-BH-003 (ex Class 40) ZZA ADB965578 in BR yellow
- H4-BH-004 (ex Class 40) ZZA ADB965579 in BR yellow "Stratford Shark"
- H4-BH-005 (ex Class 45) ZZA ADB966098 in BR yellow with NSE Branding
- H4-BH-006 (ex Class 45) ZZA ADB966099 in BR yellow with NSE Branding
- H4-BH-007 (ex Class 40) ZZA ADB965580 in Railtrack Black
- H4-BH-008 (ex Class 40) ZZA ADB965581 in Railtrack Black
- H4-BH-009 (ex Class 40) ZZA ADB965578 in Network Rail black
- H4-BH-010 (ex Class 40) ZZA ADB965579 in Network Rail black
- H4-BH-011 (ex Class 45) ZZA ADB966098 in Network Rail black
- H4-BH-012 (ex Class 45) ZZA ADB965599 in Network Rail black



### Class 121 and 122 'Bubble Car'

Pre-order for £129.95  
Due in stock Q3 2017  
[www.hattons.co.uk/hattonsbubble](http://www.hattons.co.uk/hattonsbubble)



- 4D-009-HAT01 120 in 'GWR 150' Chocolate & Cream livery
- 4D-009-HAT02 121032 in Arriva Trains Wales livery
- 4D-009-HAT03 960011 in Railtrack blue & green livery
- 4D-009-HAT04 121020 in Chiltern blue livery
- 4D-009-HAT05 55033 in Revised Network South East livery
- 4D-009-HAT06 960010 in Railtrack "coaching stock" maroon
- 4D-009-HAT07 55022 in Original Network South East livery
- 4D-015-HAT01 TDB975023 in Route Learning BR blue



Exclusive liveries produced in partnership with **dapol**



O Gauge Class A3, A4 and Teak coaches. Order at: [www.hattons.co.uk/recordbreakers](http://www.hattons.co.uk/recordbreakers)

### Class A3 4-6-2

Pre-order for £750  
Due in stock Q3 2018



- H7-A3-001 2750 "Papyrus" in LNER Grass green with unstreamlined corridor tender
- H7-A3-002 4472 "Flying Scotsman" in LNER Grass green with unstreamlined corridor tender
- H7-A3-003 2745 "Captain Cuttle" in LNER black with unstreamlined non-corridor tender
- H7-A3-004 60072 "Sunstar" in BR Express blue with unstreamlined non-corridor tender
- H7-A3-005 60035 "Windsor Lad" in BR green with early crest and unstreamlined non-corridor tender
- H7-A3-006 60077 "The White Knight" in BR green with late crest and unstreamlined non-corridor tender
- H7-A3-007 60103 "Flying Scotsman" in BR green with late crest and unstreamlined corridor tender



### Class A4 4-6-2

Pre-order for £750  
Due in stock Q3 2018



©Alan Wilson - Flickr

- H7-A4-001 2509 "Silver Link" in LNER silver with streamlined corridor tender
- H7-A4-002 4468 "Mallard" in LNER Garter blue with streamlined non-corridor tender (1938 condition)
- H7-A4-003 4468 "Mallard" in LNER Garter blue with streamlined non-corridor tender (as preserved)
- H7-A4-004 4489 "Dominion of Canada" in LNER Garter blue with steel numbers/letters and unstreamlined tender
- H7-A4-005 4464 "Bittern" in LNER Garter blue with streamlined corridor tender
- H7-A4-006 60007 "Sir Nigel Gresley" in BR express blue with unstreamlined corridor tender
- H7-A4-007 60012 "Commonwealth of Australia" in BR green with early crest
- H7-A4-008 60009 "Union of South Africa" in BR green with late crest and unstreamlined corridor tender
- H7-A4-009 60008 "Dwight D Eisenhower" in BR green with late crest and streamlined non-corridor tender

### Gresley Teak coaches

Pre-order for £249  
Due in stock Q1 2019



- H7-TC115-001 Diag. 115 Corridor Third in LNER Teak
- H7-TC115-002 Diag. 115 Corridor Third in LNER Teak
- H7-TC115-003 Diag. 115 Corridor Third in BR carmine & cream
- H7-TC115-004 Diag. 115 Corridor Third in BR carmine & cream
- H7-TC115-005 Diag. 115 Corridor Third in BR maroon
- H7-TC115-006 Diag. 115 Corridor Third in BR maroon
- H7-TC175-001 Diag. 175 Brake Corridor Comp. in LNER Teak
- H7-TC175-002 Diag. 175 Brake Corridor Comp. in LNER Teak
- H7-TC175-003 Diag. 175 Brake Corridor Comp. in BR carmine & cream
- H7-TC175-004 Diag. 175 Brake Corridor Comp. in BR carmine & cream
- H7-TC175-005 Diag. 175 Brake Corridor Comp. in BR maroon
- H7-TC175-006 Diag. 175 Brake Corridor Comp. in BR maroon
- H7-TC186-001 Diag. 186 Open Third in LNER Teak
- H7-TC186-002 Diag. 186 Open Third in LNER Teak
- H7-TC186-003 Diag. 186 Open Third in BR carmine & cream
- H7-TC186-004 Diag. 186 Open Third in BR carmine & cream
- H7-TC186-005 Diag. 186 Open Third in BR maroon
- H7-TC186-006 Diag. 186 Open Third in BR maroon

**UK P&P £4** Tracked & Signed  
**£7 P&P** Guaranteed Next Day

See all future releases at



Tel: 0151 733 3655 [info@hattons.co.uk](mailto:info@hattons.co.uk)

17 Montague Road, Widnes, WA8 8FZ

Phones: Mon - Sat 7:30am to 6pm Sun 9am to 5pm

Shop: Mon - Sun 9am to 5pm

18,000+ items available on [www.hattons.co.uk](http://www.hattons.co.uk)



Bachmann pre-orders available at: [www.hattons.co.uk/bachmann2017](http://www.hattons.co.uk/bachmann2017)

**Class 1532 Johnson 1P 0-4-4T**  
Pre-order for £111 (estimated)



31-740 1273 in Midland Railway crimson lake  
31-741 1303 in LMS black  
31-742 58072 in BR black with early emblem

**Class H2 'Atlantic' 4-4-2**  
Pre-order for £152.96  
Due in stock Q4 2017



31-920 2426 "St Alban's Head" in SR olive green  
31-921 32424 "Beachy Head" in BR black with early emblem

**Class 20/3**

Pre-order for £129 (estimated)



35-125 20306 in Direct Rail Services blue  
35-126 20311 in Harry Needle Railroad Company orange  
35-127 20312 in Direct Rail Services compass blue

**Class 414 2-HAP EMU**

Pre-order for £186.96 (estimated)



31-390 6061 in BR green  
31-391 6062 in BR blue & grey  
31-392 4322 in Network SouthEast livery

**SECR 60' Birdcage Coaches**

Pre-Order for £55.21

Due in stock Q3 2017



39-600 Brake Composite SECR Dark Lake  
39-601 Brake Composite SR Olive Green  
39-602 Brake Composite BR Vermillion  
39-610 Composite SECR Dark Lake  
39-611 Composite SR Olive Green  
39-612 Composite BR Vermillion  
39-620 Brake 3rd SECR Dark Lake  
39-621 Brake 3rd SR Olive Green

**Warflat Bogie Flat Wagon**

Pre-Order for £42.46

Due in stock Q4 2017



38-725 WD Khaki Drab livery with tank  
38-726 WD Bronze Green livery with tank  
38-727 BR grey without tank



See all Hornby items at: [www.hattons.co.uk/hornby2017](http://www.hattons.co.uk/hornby2017)



Oxford Rail Pre-Orders

**Class 8P Princess Coronation 4-6-2**  
Pre-order from £161  
Due in stock Nov 2017



R3509TTS 46235 "City of Birmingham" in BR green - TTS Sound fitted  
R3553 6231 "Duchess of Atholl" in LMS Crimson Lake  
R3555 46256 "Sir William Stanier F.R.S." in BR Maroon

**Class Q1 0-6-0**  
Pre-order for £93  
Due in stock Dec 2017



R3559 C24 in Southern Railway wartime black  
R3560 33032 in BR black with late crest

**Wainwright Class H 0-4-4T**  
Pre-order for £157  
Due in stock Dec 2017



R3512 31551 in BR black with late crest - Limited Edition train pack with Push/Pull coaches

**Class 87 Electric**  
Pre-order for £144  
Due in stock Jan 2018



R3580 87035 'Robert Burns' in BR Blue  
R3582 87010 'King Arthur' in Intercity Swallow livery

**Hitachi IEP Class 800**  
Pre-order for £229.50  
Due in stock Dec 2017



R3514 800004 in GWR green (5-car set)

**Mk1 BSO/FO coaches**  
Pre-order for £34  
Due in stock Aug 2017



R4777 BSO brake second open W9353 in BR blue and grey  
R4778 FO first open W3123 in BR blue and grey  
R4788 BSO brake second open E9220 in BR maroon  
R4789 FO first open E3050 in BR maroon

**LNOR N7 0-6-2T**  
Pre-order for £87  
Due in stock Q4 2017



OR76N7001 1002 in Great Eastern Railway livery  
OR76N7002 8011 in LNOR black  
OR76N7003 E9621 in BRITISH RAILWAYS early black

**Class A & B tank wagons**  
Pre-order for £16.50  
Due in stock Q4 2017



OR76TKA001 Class 'A' tank in BRT - Staveley chemicals livery  
OR76TKA002 Class 'A' tank 4022 in Esso livery with revised suspension  
OR76TKA003 Class 'A' tank 4022 in Esso livery with original suspension  
OR76TKB001 Class 'B' tank 3300 in Esso black with original suspension  
OR76TKB002 Class 'B' tank 47792 in Esso black with revised suspension  
OR76TKB003 Class 'B' tank 441 in Regent Oil livery with revised suspension

[www.hattons.co.uk/preorder](http://www.hattons.co.uk/preorder)

Pre-orders accepted via credit or debit card only  
Pre-order prices subject to manufacturer RRP.



Welcome to our project update feature, with the latest status of forthcoming releases from all major manufacturers. Use it to see the progress of projects you are interested in. The web address in the "link" column can be used to view products online, and to place your preorders.

**0151 733 3655**

**17 Montague Road,  
Widnes, WA8 8FZ**

Phone opening times: Mon to Sat 7:30am-6pm  
Shop opening times: Mon to Sun 9am-5pm  
Sun 9am-5pm

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
LNWR Webb coal tank 0-6-2T	<a href="http://hattons.co.uk/wct">hattons.co.uk/wct</a>	£101.96	Sep 2014							
Class 450	<a href="http://hattons.co.uk/cl450">hattons.co.uk/cl450</a>	from £271.96	Mar 2015							
SECR Birdcage Coaches	<a href="http://hattons.co.uk/bc">hattons.co.uk/bc</a>	£55.21	Mar 2014							
Warflat Bogie Flat wagon	<a href="http://hattons.co.uk/warflat">hattons.co.uk/warflat</a>	£42.46	Mar 2013							
Class H2 Atlantic 4-4-2	<a href="http://hattons.co.uk/h2atlantic">hattons.co.uk/h2atlantic</a>	£152.96	Mar 2013							
Baldwin Class 10-12-D 4-6-0	<a href="http://hattons.co.uk/baldwin460">hattons.co.uk/baldwin460</a>	£123.21	Jul 2014							


	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class 68	<a href="http://hattons.co.uk/c68">hattons.co.uk/c68</a>	£123.72	April 2014							
Class 121/122	<a href="http://hattons.co.uk/dapolbubble">hattons.co.uk/dapolbubble</a>	£123.25	Dec 2012							
GWR Streamlined Railcar	<a href="http://hattons.co.uk/gwrrc">hattons.co.uk/gwrrc</a>	from £119.43	Jul 2014							
Class 59	<a href="http://hattons.co.uk/dapol59">hattons.co.uk/dapol59</a>	from £121.13	Oct 2015							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
OO Gauge 50t Warwell Wagon	<a href="http://hattons.co.uk/warwell">hattons.co.uk/warwell</a>	from £33	Oct 2016							
Golden Arrow Class 71	<a href="http://hattons.co.uk/goldenarrow">hattons.co.uk/goldenarrow</a>	£139.95	Jun 2016							
Beilhack ZZA Snowplough	<a href="http://hattons.co.uk/beilhack">hattons.co.uk/beilhack</a>	£43	Oct 2016							
O Gauge Class A3/A4	<a href="http://hattons.co.uk/recordbreakers">hattons.co.uk/recordbreakers</a>	£750	Aug 2016							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
O Gauge Class 45 'Peak'	<a href="http://hattons.co.uk/hel45">hattons.co.uk/hel45</a>	£550	Jun 2013							
Class 47xx 'Night Owl' 2-8-0	<a href="http://hattons.co.uk/47xx">hattons.co.uk/47xx</a>	£154	Nov 2014							
Class 07 Shunter	<a href="http://hattons.co.uk/cl07">hattons.co.uk/cl07</a>	£99 (EST)	Jan 2016							
O Gauge Class 50 (Refurbished)	<a href="http://hattons.co.uk/hel50">hattons.co.uk/hel50</a>	TBA	Apr 2017							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Merchant Navy 4-6-2	<a href="http://hattons.co.uk/mn">hattons.co.uk/mn</a>	from £153	Mar 2015							
Class H Wainwright 0-4-4T	<a href="http://hattons.co.uk/hclass">hattons.co.uk/hclass</a>	from £90	Sep 2016							
Mk1 FO & BSO	<a href="http://hattons.co.uk/hornbymk1">hattons.co.uk/hornbymk1</a>	£31.50	Oct 2016							
Hitachi IEP Class 800	<a href="http://hattons.co.uk/IEP800">hattons.co.uk/IEP800</a>	from £229.50	Nov 2016							
Class 8P Princess Coronation 4-6-2	<a href="http://hattons.co.uk/duchess">hattons.co.uk/duchess</a>	from £171	Nov 2016							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class 2301 Dean Goods 0-6-0	<a href="http://hattons.co.uk/oxdg">hattons.co.uk/oxdg</a>	£95	Jan 2016							
60' Carflat Car Carrying Wagon	<a href="http://hattons.co.uk/oxcarflat">hattons.co.uk/oxcarflat</a>	£25	May 2016							
YEC Janus 0-6-0 Shunter	<a href="http://hattons.co.uk/janus">hattons.co.uk/janus</a>	£74	Nov 2015							
Mk3 Coaches	<a href="http://hattons.co.uk/oxmk3">hattons.co.uk/oxmk3</a>	£29	Jan 2016							

 Shows the stage the project is at based on the information available to us. CAD: Computer Aided Design. 1st EP: First Engineering Prototype. TBC: Price is yet To Be Confirmed (EST): Price is estimated.

You can view extended lists, preorder & comment on all of these projects at

**[www.hattons.co.uk/projectupdates](http://www.hattons.co.uk/projectupdates)**

Information correct at the time of going to press on 22/06/17.



17 Montague Road, Widnes, WA8 8FZ  
T: 0151 733 3655 E: [info@hattons.co.uk](mailto:info@hattons.co.uk)

## 00 Gauge (1:76 Scale)

Hatton's Exclusives

NEW



H4-WW-001 Warwell wagon 50t diamond frame bogies MS.1 in WD (GWR) (Hat) **NEW** ..... £33  
H4-WW-001 Pack of 4 (Hat) **NEW** ..... £119

NEW



H4-WW-002 Warwell wagon 50t diamond frame bogies WW.55 in WD (LMS) (Hat) **NEW** ..... £33  
H4-WW-002 Pack of 4 (Hat) **NEW** ..... £119

NEW



H4-WW-003 Warwell wagon 50t diamond frame bogies in WD (LNER) (Hat) **NEW** ..... £33  
H4-WW-003 Pack of 4 (Hat) **NEW** ..... £119

NEW



H4-WW-004 Warwell wagon 50t diamond frame bogies MODA95560 in MOD 1970s olive (Hat) **NEW** ..... £33

NEW



H4-WW-005 Warwell wagon 50t diamond frame bogies MODA95534 in MOD 1970s olive (Hat) **NEW** ..... £33

NEW



H4-WW-006 Warwell wagon 50t diamond frame bogies M360333 in BR grey (Hat) **NEW** ..... £33

NEW



H4-WW-007 Warwell wagon 50t diamond frame bogies M360329 in BR Gulf Red (Hat) **NEW** ..... £33

NEW



H4-WW-008 Warwell wagon 50t diamond frame bogies KDE314159 in BR black S&T branding and steel/rail carriers (Hat) **NEW** ..... £33

NEW



H4-WW-009 Warwell wagon 50t diamond frame bogies DM721227 in BR Olive green ELECTRIFICATION branding and steel/rail carriers (Hat) **NEW** ..... £33

NEW



H4-WW-010 Warwell wagon 50t diamond frame bogies DW160819 in BR brown bolster deck conversion (Hat) **NEW** ..... £33

NEW



H4-WW-011 Warwell wagon 50t diamond frame bogies DM748343 in BR grey bolster deck conversion (Hat) **NEW** ..... £33

NEW



H4-WW-012 Warwell wagon 50t diamond frame bogies DM748316 in BR brown bolster deck conversion (Hat) **NEW** ..... £33

NEW



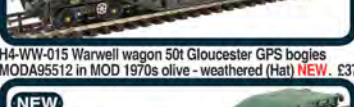
H4-WW-013 Warwell wagon 50t diamond frame bogies ADRW96501 in BR engineers yellow (Hat) **NEW** ..... £33

NEW



H4-WW-014 Warwell wagon 50t Gloucester GPS bogies MODA95511 in MOD 1970s olive (Hat) **NEW** ..... £33

NEW



H4-WW-015 Warwell wagon 50t Gloucester GPS bogies MODA95512 in MOD 1970s olive - weathered (Hat) **NEW** ..... £37

NEW



H4-WW-016 Warwell wagon 50t Gloucester GPS bogies MODA95539 in MOD 1990s olive (Hat) **NEW** ..... £33

NEW



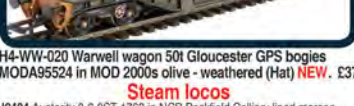
H4-WW-017 Warwell wagon 50t Gloucester GPS bogies MODA95537 in MOD 1990s olive - weathered (Hat) **NEW** ..... £37

NEW



H4-WW-018 Warwell wagon 50t Gloucester GPS bogies MODA95536 in MOD 2000s olive (Hat) **NEW** ..... £33

NEW



H4-WW-019 Warwell wagon 50t Gloucester GPS bogies MODA95582 in MOD 2000s olive (Hat) **NEW** ..... £33

NEW



R3525 Battle of Britain Class (Air Smoothed) 4-6-2 S21C159 'Sir Archibald Sinclair' in British Railways malachite green (Hor) **NEW** ..... £139.50

NEW



R3454 Castle Class 4-6-0 5076 'Dryslwyn Castle' in GWR Green (Hor) **NEW** ..... £140

NEW



31-933 Class 1000 Midland Compound 4-4-0 41157 in BR lined black late crest (Bac) (RRP £139.95) **BARGAIN** £79

NEW



1302 Class 1361 0-6-0ST 1364 in GWR green (Hel) ..... £124



1324 Class 1366 0-6-0PT 1368 in BR black late crest (Hel) £124  
1321 Class 1366 0-6-0PT 1369 Great Western green - as preserved (Hel) £124  
1322 Class 1366 0-6-0PT 1370 in GWR green (Hel) £124  
H1416 Class 14xx 0-4-2T 1409 in BR Unlined green late crest (DJ) ..... £99



H1406 Class 14xx 0-4-2T 1420 in GWR Unlined green GWR lettering (DJ) ..... £99



H1415 Class 14xx 0-4-2T 1432 in BR Lined green late crest - Heavily weathered (DJ) ..... £99



H1413 Class 14xx 0-4-2T 1444 in BR Lined green early emblem (DJ) ..... £99



H1414 Class 14xx 0-4-2T 1450 in BR Lined green late crest (DJ) ..... £99



H1409 Class 14xx 0-4-2T 1470 in BR Lined black early emblem (DJ) ..... £99



H1412 Class 14xx 0-4-2T 1474 in BR Unlined black early emblem - Heavily weathered (DJ) ..... £99



31-440 Class 2MT Ivatt 2-6-2T 41243 in BR lined black early emblem (Bac) ..... £110.46



R3459TTS Class 2P Fowler 4-4-0 40826 in BR Black early emblem - TTS sound fitted (Hor) (RRP £154.99) **BARGAIN** £105



31-088 Class 32xx 4-4-0 Dukegood 9028 BR black early emblem (Bac) ..... £118.56



R3277 Class 38xx 4-4-0 'County Of Devon' in Great Western Railway green - Railroad range (Hor) (RRP £89.99) **BARGAIN** £60



R3455 Class 4000 'Star' 4-6-0 4013 'Knight of St Patrick' in GWR Green (Hor) ..... £127



R3334 Class 415 Adams Radial 4-4-2T 30582 in BR black late crest (Hor) (RRP £119.99) **BARGAIN** £82



R3422 Class 415 Adams Radial 4-4-2T 3125 Southern Railway wartime black (Hor) ..... £119



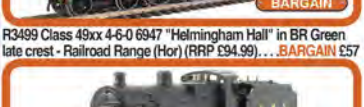
H1405 Class 48xx 0-4-2T 4807 in GWR Wartime black GWR lettering - Lightly weathered (DJ) ..... £99



H1401 Class 48xx 0-4-2T 4825 in GWR Unlined green Great Western lettering (DJ) ..... £99



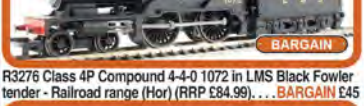
H1403 Class 48xx 0-4-2T 4871 in GWR Unlined green Shributton logo - Lightly weathered (DJ) ..... £99



R3499 Class 49xx 4-6-0 6947 'Helmingsham Hall' in BR Green late crest - Railroad Range (Hor) (RRP £94.99) **BARGAIN** £57



R3313 Class 4F 0-6-0 4323 in LMS Black (Hor) (RRP £99.99) ..... **BARGAIN** £58



R3314 Class 4F 0-6-0 4431 BR Black early crest (Hor) (RRP £99.99) **BARGAIN** £58



32-381 Class 4MT Fairburn 2-6-4 tank 42105 BR lined black early emblem - weathered (Bac) ..... £110.46



32-580A Class 4MT Ivatt 2-6-0 43014 BR black late crest - weathered (Bac) ..... £127.46



R3276 Class 4P Compound 4-4-0 1072 in LMS Black Fowler tender - Railroad range (Hor) (RRP £84.99) **BARGAIN** £45



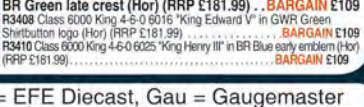
R3463 Class 52xx 2-8-0 5231 in BR Black early emblem (Hor) (RRP £139.99) **BARGAIN** £83



H1411 Class 58xx 0-4-2T 5801 in BR Unlined green GWR lettering - Lightly weathered (DJ) ..... £99



H1402 Class 58xx 0-4-2T 5814 in GWR Unlined green Great Western lettering - Lightly weathered (DJ) ..... £99



H1408 Class 58xx 0-4-2T 5816 BR Lined black BRITISH RAILWAYS (Gill Sans) (DJ) ..... £99



32-178A Class 5MT Crab 2-6-0 13174 in LMS lined black (Bac) ..... £123.21



31-690 Class 5P4F Stanier Mogul 2-6-0 2965 in LMS lined black (Bac) ..... £135.96



31-692 Class 5P4F Stanier Mogul 2-6-0 42968 in BR lined black late crest (Bac) ..... £135.96



31-691 Class 5P4F Stanier Mogul 2-6-0 42969 in BR lined black early emblem (Bac) ..... £135.96



31-190 Class 5XP Jubilee 4-6-0 45575 'Madras' in BR black (Bac) **NEW** ..... £144.46



31-187DS Class 5XP Jubilee 4-6-0 5588 'Kashmir' in LMS crimson welded Stanier tender - DCC sound fitted (Bac) **NEW** ..... £203.95



R3409 Class 6000 King 4-6-0 6002 'King William IV' in BR Green late crest (Hor) (RRP £181.99) **BARGAIN** £109



R3408 Class 6000 King 4-6-0 6016 'King Edward V' in GWR Green Shributton logo (Hor) (RRP £181.99) **BARGAIN** £109



R3410 Class 6000 King 4-6-0 6025 'King Henry III' in BR Blue early emblem (Hor) (RRP £181.99) **BARGAIN** £109



**UK P&P £4 per order**  
**£2 per single diecast item**  
**£7 guaranteed Next Day delivery**  
 (Orders before 2pm)



31-635A Class 64xx 0-6-0PT pannier tank 6424 in GWR green (Bac) ..... £81.55  
 31-210K Class 6P 'Patriot' 4-6-0 45506 'The Royal Pioneer Corps' in BR black - Ltd Ed for Bachmann Collectors Club (Bac) NEW ..... £164.95



R3278 Class 6P Patriot 4-6-0 45518 'Bradshaw' in BR Green early crest - Railroad range (Hor) ..... £64.80  
 31-204 Class 6P Patriot 4-6-0 5530 'Sir Frank Rees' LMS crimson (Bac) £140.21



R3420 Class 700 'Black Motor' 0-6-0 30346 in BR Black late crest (Hor) (RRP £124.99) ..... BARGAIN £69



R3421 Class 700 'Black Motor' 0-6-0 30698 in BR Black early emblem (Hor) (RRP £124.99) ..... BARGAIN £69



R3419 Class 700 'Black Motor' 0-6-0 693 in Southern Railway black (Hor) (RRP £124.99) ..... BARGAIN £69



31-015 Class 7F 2-8-0 13810 in LMS black (Bac) ..... £125.76  
 31-014 Class 7F 2-8-0 89 in Somerset & Dorset Railway black (Bac) ..... £125.76



R3520 Class 7MT 4-6-2 Britannia 70007 'Coeur-de-Lion' in BR green late crest (Hor) ..... £153



R3288 Class 9F 2-10-0 92220 'Evening Star' in BR Green late crest (Hor) ..... £89



R3086 Class A1 4-6-2 4472 'Flying Scotsman' in LNER apple green - Railroad Range (Hor) (RRP £94.99) ..... BARGAIN £55



R3284TTS Class A1 4-6-2 4472 'Flying Scotsman' in LNER Green TTS Sound - Railroad range (Hor) (RRP £119.99) ..... BARGAIN £85



R3060 Class A1 4-6-2 60163 'Tomado' in British Railways Apple Green (Railroad Range) (Hor) (RRP £99.99) BARGAIN £68  
 31-528A Class A2 4-6-2 90629 'Pied Piper' BR lined green late crest (Bac) ..... £144.45



R3312 Class A3 4-6-2 60062 'Minoru' in BR Green early emblem (Hor) (RRP £154.99) ..... BARGAIN £94  
 R3307 Class A4 4-6-2 2510 'Quicksilver' in LNER Silver - The Silver Jubilee Collection (Hor) ..... £134.25  
 R3371 Class A4 4-6-2 4468 'Mallard' LNER garter blue - Railroad range (Hor) £140.06



R3395TTS Class A4 4-6-2 4468 'Mallard' in LNER Garter Blue - TTS sound fitted - Railroad Range (Hor) (RRP £132.99) ..... BARGAIN £85



R3285TTS Class A4 4-6-2 4469 'Gadwall' in LNER Garter Blue TTS Sound - Railroad range (Hor) (RRP £99.99) BARGAIN £70



R3441 Class A4 4-6-2 4499 'Sir Murrough Wilson' in LNER wartime black (Hor) (RRP £164.99) BARGAIN £109



R3522 Class A4 4-6-2 60026 'Miles Beevor' in BR green early emblem (Hor) NEW ..... £144



R3338 Class B1 4-6-0 61310 in BR Apple Green (Hor) (RRP £155.99) ..... BARGAIN £87  
 R3430 Class B12/3 4-6-0 8573 in LNER apple green (Hor) ..... £136  
 R3447 Class B17 4-6-0 2842 'Kilveston Hall' in LNER Lined Apple Green (Hor) (RRP £159.99) ..... BARGAIN £99  
 R3523 Class B17 4-6-0 61925 'Loochier Cw' BR green early emblem (Hor) NEW £136



R3318 Class B17/6 4-6-0 61646 'Gilwell Park' in BR Green early emblem (Hor) (RRP £131.99) ..... BARGAIN £74  
 R3235 Class D16/3 'Claud Hamilton' 4-4-0 E2524 in early BR Black (Hor) (RRP £109.99) ..... BARGAIN £73



R3433 Class D16/3 4-4-0 'Claud Hamilton' 8900 in LNER Lined Apple Green (Hor) (RRP £139.99) ..... BARGAIN £99  
 R3521 Class D16/3 4-4-0 8802 in LNER black (Hor) ..... £119



R3495 Class D49/1 4-4-0 62760 'The Cotswold' in BR early crest - Railroad Range (Hor) (RRP £84.99) ..... BARGAIN £59



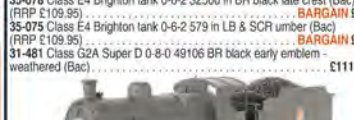
35-076A Class E4 0-6-2T Brighton tank 2517 in Southern Railway green (Bac) NEW ..... £101.96



35-079 Class E4 0-6-2T Brighton tank 32494 in BR lined black early emblem (Bac) NEW ..... £101.96  
 35-078 Class E4 Brighton tank 0-6-2 32500 in BR black late crest (Bac) (RRP £109.99) ..... BARGAIN £80  
 35-075 Class E4 Brighton tank 0-6-2 579 in LB & SCR amber (Bac) (RRP £109.95) ..... BARGAIN £80  
 31-481 Class G2A Super D 0-8-0 49106 BR black early emblem - weathered (Bac) ..... £111.45



35-079 Class E4 0-6-2T Brighton tank 32494 in BR lined black early emblem (Bac) NEW ..... £101.96  
 35-078 Class E4 Brighton tank 0-6-2 32500 in BR black late crest (Bac) (RRP £109.99) ..... BARGAIN £80  
 35-075 Class E4 Brighton tank 0-6-2 579 in LB & SCR amber (Bac) (RRP £109.95) ..... BARGAIN £80  
 31-481 Class G2A Super D 0-8-0 49106 BR black early emblem - weathered (Bac) ..... £111.45



31-321DS Class J11 0-6-0 64377 in BR black early emblem - weathered and DCC sound fitted (Bac) ..... £203.96



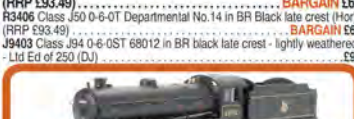
R3415 Class J15 0-6-0 65477 in BR Black early emblem (Hor) (RRP £126.49) ..... BARGAIN £75  
 R3380 Class J15 0-6-0 7510 LNER black (Hor) (RRP £106.99) ..... BARGAIN £76



R3405 Class J50 0-6-0T 585 in LNER Black (Hor) (RRP £93.49) ..... BARGAIN £69



R3407 Class J50 0-6-0T 68959 in BR Black early emblem (Hor) (RRP £93.49) ..... BARGAIN £69  
 R3406 Class J50 0-6-0T Departmental No. 14 in BR Black late crest (Hor) (RRP £93.49) ..... BARGAIN £69  
 J9403 Class J94 0-6-0ST 68012 in BR black late crest - lightly weathered - Ltd Ed of 250 (DJ) ..... £99



R3424A Class K1 2-6-0 62032 in BR Black early emblem (Hor) (RRP £129.99) ..... BARGAIN £82



R3243B Class K1 2-6-0 62064 in BR Black late crest (Hor) (RRP £129.99) ..... BARGAIN £82



R3461 Class L1 Thompson 2-6-4T 67702 in LNER apple green BR number (Hor) (RRP £154.99) ..... BARGAIN £89



32-166 Class N 2-6-0 1406 in Southern Railway black (Bac) NEW ..... £131.71



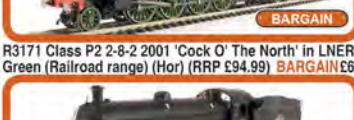
32-165 Class N 2-6-0 31874 in BR lined black early emblem (Bac) NEW ..... £131.71



R3456 Class N15 King Arthur 4-6-0 30792 'Sir Hervis de Revel' in BR Lined Green early emblem (Hor) (RRP £159.99) BARGAIN £108  
 R3440 Class P2 2-8-2 2001 'Cock O' The North' in LNER apple green - gloss finish (Hor) ..... £122.50



R3171 Class P2 2-8-2 2001 'Cock O' The North' in LNER Green (Railroad range) (Hor) (RRP £94.99) BARGAIN £68



R3426 Class Q6 Raven 0-8-0 63429 in BR Black late crest (Hor) (RRP £154.99) ..... BARGAIN £105  
 R3425 Class Q6 Raven 0-8-0 63443 in BR Black early crest (Hor) (RRP £154.99) ..... BARGAIN £105



R3413 Class S15 4-6-0 30831 in BR Black late crest (Hor) (RRP £154.99) ..... BARGAIN £88



R3412 Class S15 4-6-0 30842 in BR Black early emblem (Hor) (RRP £154.99) ..... BARGAIN £88



R3411 Class S15 4-6-0 827 in Southern Railway wartime black (Hor) (RRP £154.99) ..... BARGAIN £88



R3457 Class T9 4-4-0 116 in Southern Railway olive green (Hor) (RRP £149.99) ..... BARGAIN £89



R3311 Class V Schools 4-4-0 30908 'Westminster' in BR Green early crest (Hor) (RRP £134.99) ..... BARGAIN £74  
 R3458 Class V Schools 4-4-0 921 'Shrewsbury' Southern wartime black (Hor) ..... £132



35-050 LNWR 0-6-2T Webb Coal tank 1054 in LNWR plain black (Bac) ..... £101.96



35-052 LNWR 0-6-2T Webb Coal tank 58900 in BR black early emblem (Bac) ..... £101.96



35-051 LNWR 0-6-2T Webb Coal tank 7841 in LMS black (Bac) ..... £101.96



32-360A Standard Class 4MT 2-6-4T 80104 in BR lined black late crest (Bac) ..... £110.46  
 32-353 Standard Class 4MT 2-6-4T 80135 BR green late crest (As Preserved) (Bac) ..... £110.46  
 31-119 Standard Class 4MT 4-6-0 75035 BR black late crest - weathered (Bac) £135.96



32-509 Standard class 5MT 73109 in BR lined black early emblem and BR1B tender (Bac) (RRP £129.95) BARGAIN £89



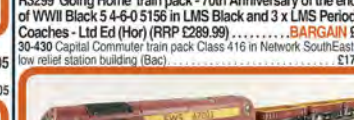
32-858 Standard Class 9F 2-10-0 92189 in BR black late crest & BR1F tender - weathered (Bac) ..... £140.21



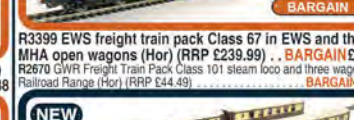
R9290 Thomas and Friends - 2-6-0 No.5 James the red engine (Hor) (RRP £82.49) ..... BARGAIN £55



R3299 'Going Home' train pack - 70th Anniversary of the end of WWII Black 5 4-6-0 5156 in LMS Black and 3 x LMS Period 3 Coaches - Ltd Ed (Hor) (RRP £289.99) ..... BARGAIN £150  
 30-430 Capital Commuter train pack Class 416 in Network SouthEast and low relief station building (Bac) ..... £178.45



R3399 EWS freight train pack Class 67 in EWS and three MHA open wagons (Hor) (RRP £239.99) ..... BARGAIN £139  
 R2670 GWR Freight Train Pack Class 101 steam loco and three wagons - Railroad Range (Hor) (RRP £44.49) ..... BARGAIN £30



R3402 Queen of Scots Train Pack Class A4 4-6-2 in LNER garter blue and three pullman coaches - Ltd Ed of 1000 (Hor) NEW £280



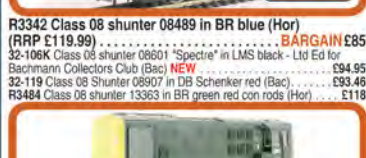
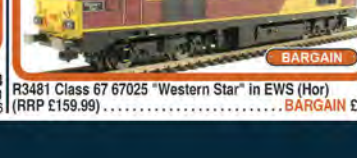
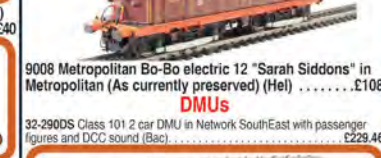
Visit

[www.hattons.co.uk/new](http://www.hattons.co.uk/new)

for all new releases



**Electric locos**  
R3376 Class 71 E5022 in BR green no yellow ends (Hor) ..... £127.50  
7602 Class 76 EM1 Woodhead electric E26049 in BR blue - Ltd Ed for Olivias Trains (Hel) ..... £160  
7704 Class 77 EM2 Woodhead electric 27001 'Ariadne' in BR green - Ltd Ed for Olivias Trains (Hel) ..... £165  
7702 Class 77 EM2 Woodhead electric 27004 'Juno' in BR electric blue - Ltd Ed for Olivias Trains (Hel) ..... £165  
R3350 Class 90 90029 in DB Schenker (Hor) (RRP £69.99) **BARGAIN** £49  
R3585 Class 90 90135 in Intercity Mainline - Railroad Range (Hor) **NEW** £76  
9007 Metropolitan Bo-Bo electric 11 'George Romney' London Transport maroon (Hel) ..... £108





Prices valid until 10/08/17

All prices correct  
when going to press.  
Errors excepted.



R9283 Thomas the Tank Engine starter train set (Hor) (RRP £64.99) ..... **BARGAIN** £45  
R9284 Thomas the Tank Engine train set - Percy and the Mail Train (Hor) (RRP £87.99) ..... **BARGAIN** £59

### Train sets - DCC

R1172 e-Link Majestic train set A1 Pacific Peppercorn Class in Experimental blue & BR Class 47 (Hor) (RRP £299.99) **BARGAIN** £250



R1126 Mixed Freight DCC digital train set Class 08 0-6-0 BR diesel electric loco, steam loco & 4 wagons (Hor) (RRP £249.99) ..... **BARGAIN** £170  
R1125 Somerset Belle train set Class 3F 0-6-0 S&DJR 0-6-0 steam loco & 3 wagons - DCC control (Hor) (RRP £199.99) ..... **BARGAIN** £130



R1184 Western Express digital train set eLink TTS sound Hall steam loco (Hor) (RRP £329.99) ..... **BARGAIN** £199

### Coaches



R4760 Collett corridor brake third (left hand) 5090 in GWR chocolate and cream (Hor) ..... £38



R4765 Collett corridor brake third (left hand) W4936W in BR maroon (Hor) ..... £38



R4759 Collett corridor brake third (right hand) 5089 in GWR chocolate and cream (Hor) ..... £38



R4764 Collett corridor brake third (right hand) W4935W in BR maroon (Hor) ..... £38



R4761 Collett corridor composite (left hand) 6530 in GWR chocolate and cream (Hor) ..... £38  
R4766 Collett corridor composite (left hand) W6138W in BR maroon (Hor) ..... £38



R4762 Collett corridor composite (right hand) 6531 in GWR chocolate and cream (Hor) ..... £38  
R4767 Collett corridor composite (right hand) W6137W in BR maroon (Hor) ..... £38



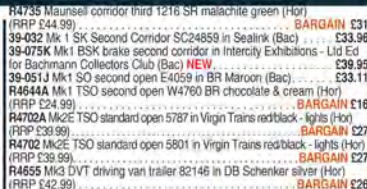
R4763 Collett corridor third class W5147W in BR maroon (Hor) ..... £38



39-580 Hawksworth Auto-trailer in W231W in BR chocolate & cream - as preserved (Bac) ..... £59.46



R4696 K-Type Pullman First Class Kitchen Car 'Joan' (Hor) ..... £44  
R4697 K-Type Pullman First Class Parlor Car 'Ursula' (Hor) (RRP £54.99) ..... **BARGAIN** £39  
R4695 K-Type Pullman Third Class Parlor Brake Car 'Car No. 80' (Hor) (RRP £54.99) ..... **BARGAIN** £39  
R4694 K-Type Pullman Third Class Parlor Car 'Car No. 83' (Hor) (RRP £54.99) ..... **BARGAIN** £39  
R4736 Maunsell brake third 3787 SR malachite green (Hor) (RRP £44.99) ..... **BARGAIN** £31



R4735 Maunsell corridor third 1216 SR malachite green (Hor) (RRP £44.99) ..... **BARGAIN** £31  
39-032 Mk 1 SK Second Corridor SC24859 in Sealink (Bac) ..... £33.96  
39-075K Mk1 BSK brake second corridor in Intercity Exhibitions - Ltd Ed for Bachmann Collectors Club (Bac) **NEW** ..... £39.95  
39-051J Mk1 SO second open E4059 in BR Maroon (Bac) ..... £33.11  
R4844A Mk1 TSO second open W4760 BR chocolate & cream (Hor) (RRP £24.99) ..... **BARGAIN** £16  
R4702A Mk2 TSO standard open 5787 in Virgin Trains red/black - lights (Hor) (RRP £39.99) ..... **BARGAIN** £27  
R4702 Mk2 TSO standard open 5801 in Virgin Trains red/black - lights (Hor) (RRP £39.99) ..... **BARGAIN** £27  
R4855 Mk3 DVT driving van trailer 82146 in DB Schenker silver (Hor) (RRP £42.99) ..... **BARGAIN** £26



39-005 Pack of Mk2A TSO & Class 101 DTCL 'Highlander Pack' in Kyle Line green and cream passenger figures (Bac) ..... £118.96



39-530 SR PMV parcels van S1151S in BR green black ends (Bac) ..... £28.01  
34-461 Thompson 3rd class brake corridor BR crimson and cream (Bac) ..... £46.71



34-386 Thompson 3rd Class corridor in BR crimson & cream (Bac) ..... £46.71  
34-411 Thompson composite corridor in BR crimson and cream (Bac) ..... £46.71  
R4572A Thompson non-corridor composite 88426 in LNER teal (Hor) ..... £38  
R4573A Thompson non-corridor third class 82546 in LNER teal (Hor) ..... £38

### Wagons



38-032A 100 ton HHA hopper wagon in Freightliner Heavy Haul - weathered (Bac) ..... £39.91  
38-116 100 Ton TEA Bogie Tank Wagon 'Aviation Fuel' (Bac) ..... £35.66  
38-186 10T covered Salt wagon in ICI - weathered (Bac) **NEW** ..... £14.41  
38-198 10T covered Salt wagon in Shaka Salt - weathered (Bac) **NEW** ..... £14.41  
38-329A 13T high sided steel wagon smooth sides & wooden doors in LNER grey (Bac) **NEW** ..... £16.11  
37-2015K 14 ton tank wagon 'Dorman Long' - Ltd Ed for Bachmann Collectors' Club 2015 (Bac) **NEW** ..... £15.95



37-225H 16 Ton steel mineral wagon top flap doors in BR grey - weathered (Bac) ..... £14.04  
37-253B 16 ton steel mineral wagon without top flap doors in BR grey - weathered (Bac) ..... £13.50



R6788 20 Ton Tank Wagon, ICI - Three Wagon Pack (Hor) **NEW** ..... £38  
4F-038-106 20-ton steel mineral wagon 'Richard Thomas' (Dap) **NEW** ..... £10  
4F-038-107 20-ton steel mineral wagon 'Richard Thomas' - weathered (Dap) **NEW** ..... £11  
R6808 21 ton hopper wagon 'Coalite Fuels' (Hor) **NEW** ..... £14  
R6809 21 ton hopper wagon E304962 in BR grey (Hor) **NEW** ..... £14  
4F-034-021 21-ton hopper wagon E289521 in BR grey (Dap) **NEW** ..... £10  
4F-034-022 21-ton hopper wagon E289521 BR grey - weathered (Dap) **NEW** ..... £11



R6790 40 ton Seacow YGA bogie ballast wagon in EWS maroon (Hor) **NEW** ..... £24



4F-054-001 45' IDA 'super low' container twin wagon (SL 45) 39 70 490 1000 - 2 in DRS (Dap) **NEW** ..... £37.36



4F-054-002 45' IDA 'super low' container twin wagon (SL 45) 39 70 490 1004 - 4 in DRS (Dap) **NEW** ..... £37.36



4F-054-003 45' IDA 'super low' container twin wagon (SL 45) 39 70 490 1005 - 1 in DRS (Dap) **NEW** ..... £37.36



4F-054-004 45' IDA 'super low' container twin wagon (SL 45) 39 70 490 1011 - 9 in DRS (Dap) **NEW** ..... £37.36  
4F-031-031 6 wheel milk tanker 'Unigate Creameries' (Dap) **NEW** ..... £13  
4F-031-032 6 wheel milk tanker 'Unigate Creameries' - weathered (Dap) **NEW** ..... £14  
4F-071-142 7-plank open wagon 'United' (Dap) **NEW** ..... £9.50  
4F-071-143 7-plank open wagon 'United' - weathered (Dap) **NEW** ..... £10.50  
R6783 BR 20 Ton Coke Hopper Wagons - Three Wagon Pack (Hor) ..... £46.50



R6367 Coal train pack - pack of 3 open wagons in EWS - Railroad Range (Hor) (RRP £19.99) ..... **BARGAIN** £14  
R6724 Drax 102t biomass hopper in Drax 'powering tomorrow' - Produced for Drax power station - Limited to 1000 - Available only from Hatton's (Hor) ..... £83



R6723 Drax 102t biomass hopper in Drax 'Swoosh' - Produced for Drax power station - Limited to 1000 - Available only from Hatton's (Hor) ..... £83  
R6803 Father's Day gift open wagon (Hor) ..... £13  
4F-014-013 GWR Fruit D van 2839 in GWR (Dap) **NEW** ..... £16  
4F-014-014 GWR Fruit D van 2839 in GWR - weathered (Dap) **NEW** ..... £17



R6794 KFA container wagon in Tiphook Rail 1x 20' and 1x 40' container (Hor) **NEW** ..... £28



R6793 KFA container wagon in Tiphook Rail 1x 20' and 1x 40' container (Hor) **NEW** ..... £28  
B8590 MRA Side Tipping Ballast Wagon 5 Car Set in Network Rail Yellow Livery (Dap) **NEW** ..... £150  
R6473 Pack of 3 16 ton mineral wagons in BR baize - Railroad Range (Hor) (RRP £19.99) ..... **BARGAIN** £15  
33-090 Pack of three 5-plank china clay wagons GWR grey flat canvas hoods (Bac) ..... £31.41  
R6831 RailRoad Triple Pack - Box Vans (Hor) ..... £19  
R6832 YGB Seacow bogie ballast hopper DB680100 engineers Dutch (Hor) ..... £25.19

### Analogue controllers

### DCC controllers

### Point motors

### Lighting equipment

### Spares

### Man-made scenic structure - railway-related

### SL-100 Pack of 25 1 yard (91.5cm) length of Code 100

### SL-100 Single (Pec)

### SL-102 1 yard (91.5cm) length of Nickel Silver conductive sleeper flexible track (Pec)

### SL-102 Pack of 25 (Pec)

### SL-102 3 way medium radius point electrofrog (Pec)

### SL-102 3 way medium radius point insulfrog (Pec)

### SL-102 Double slip insulfrog (Pec)

### SL-102 Left hand curved point electrofrog (Pec)

### SL-102 Left hand curved point insulfrog (Pec)

### SL-102 Right hand curved point electrofrog (Pec)

### SL-102 Right hand curved point insulfrog (Pec)

### SL-102 Left hand medium point electrofrog (Pec)

### SL-102 Left hand medium point insulfrog (Pec)

### SL-102 Right hand medium point electrofrog (Pec)

### SL-102 Right hand medium point insulfrog (Pec)

### SL-102 Left hand small point electrofrog (Pec)

### SL-102 Left hand small point insulfrog (Pec)

### SL-102 Right hand small point electrofrog (Pec)

### SL-102 Right hand small point insulfrog (Pec)

### SL-102 Left hand large point electrofrog (Pec)

### SL-102 Left hand large point insulfrog (Pec)

### SL-102 Right hand large point electrofrog (Pec)

### SL-102 Right hand large point insulfrog (Pec)

### SL-102 Left hand medium point electrofrog (Pec)

### SL-102 Left hand medium point insulfrog (Pec)

### SL-102 Right hand medium point electrofrog (Pec)

### SL-102 Right hand medium point insulfrog (Pec)

### SL-102 Left hand small point electrofrog (Pec)

### SL-102 Left hand small point insulfrog (Pec)

### SL-102 Right hand small point electrofrog (Pec)

### SL-102 Right hand small point insulfrog (Pec)

### SL-102 Left hand large point electrofrog (Pec)

### SL-102 Left hand large point insulfrog (Pec)

### SL-102 Right hand large point electrofrog (Pec)

### SL-102 Right hand large point insulfrog (Pec)

### SL-102 Left hand medium point electrofrog (Pec)

### SL-102 Left hand medium point insulfrog (Pec)

### SL-102 Right hand medium point electrofrog (Pec)

### SL-102 Right hand medium point insulfrog (Pec)



R083 Box of 6 Buffer Stop (Hor) ..... £9.50  
R083 Single (Hor) ..... £1.80  
LC-100 Galenry system Start-up pack 12 masts, 12 registration arms, 2 jigs and 16-page Shows 'You How Guide' (Pec) ..... £70  
4F-0054 Depot mess room and toilet (Bac) ..... £33.11



R070 Electrically Operated Turntable (Hor) ..... £64

### Signals

### DS1HS One Touch four aspect over distant high-speed flashing yellow (red/yellow/green/yellow) - DCC fitted (Tra) **NEW** ..... £30.60

### DS1 One Touch two aspect signal (red/green) - DCC fitted (Tra) ..... £22

### DS1R One Touch two aspect signal right hand feather indicator (red/green) - DCC fitted (Tra) **NEW** ..... £32.40

### SS1R Sensor Signal - 2 Aspect Home left hand feather indicator (Tra) **NEW** ..... £45

### SS1 Sensor Signal - 3 Aspect Distant (Tra) **NEW** ..... £38.70

### SS5 Sensor Signal - 4 Aspect Distant (Tra) **NEW** ..... £40.50

### SS1P Sensor Signal Starter Pack (Tra) **NEW** ..... £162

### 4L-003-003 Signal - Lattice Type SR Home Platform Starter (Dap) ..... £26

### 4L-001-003 Signal - Motorised Round post GWR home (Dap) ..... £25

### Buildings - general

### GM410 'Fordhampton' - modern Doctor's surgery (Gau) **NEW** ..... £15

### GM413 'Fordhampton' - nursery three greenhouses (Gau) **NEW** ..... £18

### GM411 'Fordhampton' - thatched farmhouse - plastic kit (Gau) **NEW** ..... £15

### 44-040 Diesel fueling point - Sonecraft range (162 x 37 x 56mm) (Bac) ..... £31.41

### 44-081 Portable Offices (Bac) ..... £31.41

### Man-made scenic structure - non-railway

### PF14 Concrete palisade fencing - 150mm (Jav) **NEW** ..... £1.50

### JR1 Piece of builders rubble - bricks - pack of two (Jav) **NEW** ..... £1.50

### PF6 Rustic weathered wooden fence - 150mm (Jav) **NEW** ..... £1.50

### PF7 Rustic weathered wooden fence foliage - 150mm (Jav) **NEW** ..... £1.50

### PF5 Rustic weathered wooden fence gate - 150mm (Jav) **NEW** ..... £1.50

### PF3 Rustic wooden farm gate - 38mm (Jav) **NEW** ..... £0.60

### PF4 Rustic wooden fence foliage - 150mm (Jav) **NEW** ..... £1.50

### PF2 Rustic wooden fence gate - 150mm (Jav) **NEW** ..... £1.50

### PF11 Sleeper-built damaged fencing - dark brown - 150mm (Jav) **NEW** ..... £1.50

### PF10 Sleeper-built damaged fencing - light brown - 150mm (Jav) **NEW** ..... £1.50

### PF9 Sleeper-built damaged fencing - dark brown - 150mm (Jav) **NEW** ..... £1.50

### PF8 Sleeper-built damaged fencing - light brown - 150mm (Jav) **NEW** ..... £1.50

### PF13 Wire post supporting fencing - 150mm (Jav) **NEW** ..... £1.50

### Bridges, Tunnels & Walls

### 44-225 Low Relief Retaining Walls (168 x 10 x 85mm) (Bac) ..... £14.41

### JR2 Piece of stone walling rubble - pack of two (Jav) **NEW** ..... £1.50

### People - civil

### 36-008 12 x Sealed Coach Passengers (Bac) ..... £11.50

### 36-047 Locomotive staff x 6 (Bac) ..... £8.46

### Track - Code 100 Setrack

### ST-244 Setrack curved double radius right handed point insulfrog (Pec) ..... £14

### ST-241 Setrack No 2 radius left handed point insulfrog (Pec) ..... £9

### ST-240 Setrack No 2 radius right handed point insulfrog (Pec) ..... £9

### Track - Code 100 Streamline

### SL-100 Pack of 25 1 yard (91.5cm) length of Code 100

### Wooden-sleeper nickel silver flexible track (Pec) ..... £66

### SL-100 Single (Pec) ..... £3

### SL-102 1 yard (91.5cm) length of Nickel Silver conductive sleeper flexible track (Pec) ..... £37

### SL-102 Pack of 25 (Pec) ..... £70

### SL-102 3 way medium radius point electrofrog (Pec) ..... £26

### SL-102 3 way medium radius point insulfrog (Pec) ..... £26

### SL-102 Double slip insulfrog (Pec) ..... £32

### SL-102 Left hand curved point electrofrog (Pec) ..... £12.50

### SL-102 Left hand curved point insulfrog (Pec) ..... £12

### SL-102 Right hand curved point electrofrog (Pec) ..... £12

### SL-102 Right hand curved point insulfrog (Pec) ..... £12

### SL-102 Left hand medium point electrofrog (Pec) ..... £10

### SL-102 Left hand medium point insulfrog (Pec) ..... £10

### SL-102 Right hand medium point electrofrog (Pec) ..... £10

### SL-102 Right hand medium point insulfrog (Pec) ..... £10

### SL-102 Left hand small point electrofrog (Pec) ..... £10

### SL-102 Left hand small point insulfrog (Pec) ..... £10



Visit

[www.hattons.co.uk/preorder](http://www.hattons.co.uk/preorder)

for all forthcoming releases

## Track & Points

R8090 1 single yard length of Semi-Flexible Track (Hor).....	£3.50
R8090 Pack of 24 (Hor).....	£79
R807 2nd radius double curve track (8 make a circle) (Hor).....	£2.25
R807 Circle of 8 (Hor).....	£18
R809 3rd radius double curve track (8 make a circle) (Hor).....	£2.60
R809 Circle of 8 (Hor).....	£20
R8252 Double 4th radius curve (8 make a circle) (Hor).....	£3



R601 Box of 24 Double Straight (Hor).....	£47
R601 Single (Hor).....	£2.10
R8072 Left Hand Standard Point (Hor).....	£9
R603 Long Straight (Hor).....	£3
35-603 Long straight track nickel silver (same as R603) (Bag).....	£3
35-603 Box of 10 (Bag) (RRP £35).....	BARGAIN £24.80
R8073 Right Hand Standard Point (Hor).....	£9
R621 Single 970mm length of flexible track (Hor).....	£3
R621 Pack of 24 (Hor).....	£66
R600 Standard Straight (Hor).....	£1.35
R600 Box of 24 (Hor).....	£31

## Railway publications

TTCAT17 Train Tech 2017 Catalogue (Tra) NEW.....	£0.20
--	-------

## Buses

24329K 30' BET Leyland Leopard - 'Todmorden Joint Omnibus Committee' - Ltd Ed for Bachmann Collectors club (EFE) NEW.....	£29
76CA029 Bedford CA Minibus BEA (Oxi) NEW.....	£5
76MW6002 Bristol MW60 Hants & Dorset (Oxi).....	£15.50
76MW6001 Bristol MW60 Royal Blue (Oxi).....	£16

NEW



76DR003 Duplex Roadmaster Wyke Valley Motors (Oxi) NEW.....	£15.50
12122 Hamgton Cavalier 'Sounddown' (EFE).....	£29.33

## Cars

76SET44 5 place Land Rover Set (Oxi) NEW.....	£21
76AMZ001 Aston Martin DB4GT Zagato VEV (Oxi) NEW.....	£5
76AMV002 Aston Martin Vanquish Coupe Selene Bronze (Oxi) NEW.....	£5
76RLD001 Land Rover Discovery Sport Coris Grey (Oxi) NEW.....	£5
76RRE001 Range Rover Evoque Convertible Phoenix Orange (Oxi) NEW.....	£5
76RRE001 Range Rover Evoque Coupe (Facelift) Firenze Red (Oxi) NEW.....	£5

## Commercial vehicles

23406 Bedford TK 2 Axle Flatbed 'British Railways' (EFE) NEW.....	£26.35
---	--------

NEW



76DXF001 DAF XF Euro 6 Combi Trailer/Container Maritime Transport (Oxi) NEW.....	£20
DB13 Kamei Barium articulated loaded 'British Railways' Type A container (Bas).....	£12

NEW



76SST007 Scammell Showtrac & Dodgem Trailer Arnold Bros (Oxi) NEW.....	£16
76SHL01ST Scania Highline Noolboom 3 Axle Semi Low Loader Stobart Rail (Oxi).....	£21.50
76SP113 Volvo FE Curtainside Lorry Brains (Oxi) NEW.....	£14

## Farming & Construction

76FDE011 Ford 400E Fordson Tractors (Oxi) NEW.....	£5
--	----

## Military ground vehicles

76DR004 Dorchester ACV Max (Romme) North Africa 1941 (Oxi) NEW.....	£11
---	-----

## N Gauge Steam locos

NEW



372-033DS Class 4073 4-6-0 5029 'Nunney Castle' in GWR green as preserved - DCC sound fitted (Gra) NEW.....	£186.96
---	---------



372-031 Class 4073 Castle 4-6-0 5041 'Tiverton Castle' in BR green early emblem (Gra).....	£118.96
--	---------



372-030 Class 4073 Castle 4-6-0 5044 'Earl of Dunraven' in GWR lined green (Gra).....	£118.96
---	---------



372-032 Class 4073 Castle 4-6-0 5070 'Sir Daniel Gooch' in BR lined green late crest (Gra).....	£118.96
372-061 Class 4F 0-6-0 3851 in LMS black Johnson tender (Gra).....	£93.46

372-060K Class 4F 0-6-0 58 in S&DJR prussian blue - Limited Edition for Bachmann Collectors' Club (Gra) NEW.....	£99.95
372-750K Class 4MT Fairburn 2-6-4T 2085 in Caledonian Railway blue - as preserved - Ltd Ed for Bachmann Collectors' Club (Gra) NEW.....	£119.95



372-138 Class 5MT Black Five 4-6-0 5190 in LMS Black (Gra) (RRP £129.95).....	BARGAIN £76
---	-------------



371-987 Class 64xx 0-6-0 Pannier Tank 6412 in BR Lined Green late crest (Gra).....	£80.71
372-019-002D Class 6800 4-6-0 6802 'Bampton Grange' in GWR Green 'G' & W lettering DCC Fitted (Dap).....	£119



372-481 Class 6P Jubilee 4-6-0 45572 'Eire' in BR green late crest - weathered (Gra) (RRP £139.95).....	BARGAIN £89
372-385 Class A2 4-6-2 525 'A H Peppercom' LNER Apple green (Gra) (RRP £159.95).....	BARGAIN £94



372-387 Class A2 4-6-2 60527 'Sun Chariot' in BR lined green late crest (Gra) (RRP £159.95).....	BARGAIN £94
372-386 Class A2 4-6-2 60537 'Bachelors Button' BR Brunswick green early emblem (Gra) (RRP £159.95).....	BARGAIN £94
2S-008-008D Class A4 4-6-2 4468 'Mallard' in LNER garier blue valances - DCC Fitted (Dap).....	£150.57



2S-008-010D Class A4 4-6-2 4482 'Golden Eagle' in LNER apple green valances - DCC Fitted (Dap).....	£150.57
---	---------



372-079 Class B1 4-6-0 1040 'Roedeer' in LNER lined black (Gra) (RRP £129.95).....	BARGAIN £84
--	-------------



2S-002-002D Class V Schools 4-4-0 30921 'Shrewsbury' in BR Black early emblem - DCC fitted (Dap).....	£142.50
---	---------



372-185 Princess Coronation Class 4-6-2 46236 'City of Bradford' in BR black early emblem (Gra) (RRP £169.95).....	BARGAIN £94
--	-------------



## Train packs

370-430 'Capital Connection' Network SouthEast train pack (Gra).....	£178.46
--	---------



2S-011-001D Class A1 4-6-2 4472 'Flying Scotsman' in LNER apple green four Gresley teak coaches - DCC and light bars fitted (Dap).....	£220.64
--	---------



2S-011-001 Class A1 4-6-2 4472 'Flying Scotsman' in LNER apple green four Gresley teak coaches - light bars fitted (Dap).....	£189.90
2S-011-005 Class A3 4-6-2 4472 'Flying Scotsman' in LNER apple green (as preserved) four Gresley teak coaches in maroon - light bar fitted (Dap).....	£189.90

2S-011-004 Class A3 4-6-2 60103 'Flying Scotsman' in BR green early emblem four Gresley teak coaches in crimson & cream liver (Dap).....	£198.90
--	---------



370-400 Longmoor Military Railway Train Pack WD Austerly 2-8-0 No 400 'Sir Guy Williams' & 3 x Mk1 suburban brake end coaches in LMR blue (Gra) (RRP £139.95).....	BARGAIN £99
--	-------------

## Diesel locos



371-051C Class 04 Shunter D2295 in BR Blue Wasp Stripes (Gra) (RRP £89.95).....	BARGAIN £59
371-015K Class 08 shunter 08973 in Intercity - Ltd Ed for Bachmann Collectors club (Gra) NEW.....	£73
2D-001-003 Class 330 D6539 in BR green small yellow panels (Dap).....	£108.82



371-456 Class 37/0 37133 in Engineers Dutch Livery (Gra) (RRP £119.95).....	BARGAIN £72
---	-------------



371-166 Class 37/4 37406 'The Saltire Society' in Railfreight Distribution (Gra) (RRP £119.95).....	BARGAIN £72
---	-------------



371-170 Class 37/4 37422 'Robert F. Fairlie' in Regional Railways (Gra).....	£103.66
371-168 Class 37/5 37506 Railfreight Red Stripe Livery (Gra).....	£89.21



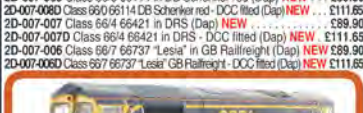
371-167 Class 37/5 37514 in Railfreight Metal Sector Livery (Gra) (RRP £119.95).....	BARGAIN £69
--	-------------



371-605 Class 42 Warship 810 'Cockade' in BR Blue - weathered (Gra) (RRP £124.95).....	BARGAIN £72
371-828B Class 47/0 47096 in BR Blue (Gra).....	£101.96
372-043 Class 47/7 47701 'Saint Andrew' BR Blue (Gra) (RRP £119.95).....	BARGAIN £79
372-043-010D Class 52 diesel loco D1062 'Western Courier' in BR Blue full yellow ends - weathered DCC Fitted (Dap).....	£125



371-285 Class 55 Deltic D9007 'Pinza' in BR green (Gra) (RRP £119.95).....	BARGAIN £74
2D-007-008 Class 66/0 66114 in DB Schenker red (Dap) NEW.....	£89.90
2D-007-008D Class 66/0 66114 DB Schenker red - DCC fitted (Dap) NEW.....	£111.65
2D-007-007 Class 66/4 66421 in DRS (Dap) NEW.....	£89.90
2D-007-007D Class 66/4 66421 in DRS - DCC fitted (Dap) NEW.....	£111.65
2D-007-006 Class 66/7 66737 'Lessa' in GB Railfreight (Dap) NEW.....	£89.90
2D-007-006D Class 66/7 66737 'Lessa' GB Railfreight - DCC fitted (Dap) NEW.....	£111.65



371-396 Class 66/9 66731 'InterhubGB' in GB Railfreight Livery (Gra) (RRP £121.95).....	BARGAIN £79
2D-010-005 Class 67 67010 in Caledonian Sleeper blue (Dap).....	£104.67



371-636 Class 70 PowerHaul 70003 Freightliner (Gra) (RRP £119.95).....	BARGAIN £82.50
--	----------------

## DMUs



371-876DS Class 108 2 Car DMU in BR blue - DCC sound fitted (Gra).....	£229.46
--	---------

## EMUs



371-702 Class 350/1 Desiro 4 Car EMU 350 101 in London Midland (Gra) (RRP £169.95).....	BARGAIN £89
371-701 Class 350/2 Desiro 4-car EMU 350 238 in London Midland (Gra) (RRP £169.95).....	BARGAIN £89

## Train sets - analogue

GMK5006 Class 373 Eurostar starter train set - oval of Kato track (Gau) NEW.....	£185
--	------

## Coaches



374-044 BR Mark 1 BG in Royal Mail Letters (Gra).....	£25.46
---	--------

374-710A BR Mk2A TSO Tourist Second Open in blue & grey (Gra).....	£25.46
374-711 BR Mk2A TSO Tourist Second Open Network South East (Gra).....	£24.61
374-313 Mk1 571 Suburban Brake End Blue - Weathered (Gra) (RRP £23.50).....	BARGAIN £16
374-017 Mk1 TSO second open in Regional Railways (Gra).....	£25.46

## Wagons

377-428 12 Ton Southern 2+2 Planked Ventilated Van in GWR grey (Gra) (RRP £15.35).....	BARGAIN £9.50
377-428 12 Ton Southern 2+2 Planked Ventilated Van BR Grey (Gra) (RRP £15.35).....	BARGAIN £9.50
377-425 12 Ton Southern Planked Ventilated Van SR Brown (Gra) (RRP £15.35).....	BARGAIN £9.50
373-682 14 Ton Tank Wagon 'ICI' Maroon (Gra) (RRP £16.95).....	BARGAIN £13
377-452 16 Ton Slope Sided Mineral Wagon Boston Deep Sea Fishing (Gra) (RRP £12.65).....	BARGAIN £9
377-450B 16 Ton Slope Sided Riveted Side Door Mineral Wagon BR Grey Weathered (Gra) (RRP £13.95).....	BARGAIN £10
377-254A 16 Ton Steel Mineral Wagon in BR grey - weathered (Gra) (RRP £13.95).....	BARGAIN £10
377-229D 16 Ton Steel Mineral Wagon With Top Flap Doors BR Grey (Gra) (RRP £13.95).....	BARGAIN £9
377-229D 16 Ton Steel Mineral Wagon Top Flap Doors in BR grey - weathered (Gra) (RRP £13.95).....	BARGAIN £10
377-526C 20 Ton Brake Van B951504 BR grey - weathered (Gra) (RRP £18.95).....	BARGAIN £14
377-529 20 Ton Brake Van B951767 in BR grey & yellow (Dutch) - weathered (Gra) (RRP £18.95).....	BARGAIN £14
377-379 20 Ton Toad Brake Van in BR Departmental yellow (Gra) NEW.....	£14.41
2F-038-037 20T Steel Mineral Cilely 18 (Dap) NEW.....	£10.50
2F-038-038 20T Steel Mineral Cilely 18 Weathered (Dap) NEW.....	£11.50
377-376A 20T Toad brake van in BR grey - weathered (Gra) NEW.....	£16.58
373-217 24 Ton ore hopper wagon 'Richard Thomas' (Gra).....	BARGAIN £7.50
373-216 24 Ton ore hopper wagon BR Brown (Gra) (RRP £13.95).....	BARGAIN £8.50
377-278 27 Ton Steel Tippler Wagon MSV BR Baukite (Gra) (RRP £12.95).....	BARGAIN £9
377-552B 31 Tonne OCA Dropside Open Wagon EWS (Gra) (RRP £16.95).....	BARGAIN £11
2F-071-028 7-plank open wagon 'Blue Circle Cement' (Dap) NEW.....	£9
2F-071-029 7-plank open wagon 'Blue Circle Cement' - weathered (Dap) NEW.....	£9
377-153 8 Plank End Door Wagon 'GAS Bul' (Gra) (RRP £14.50).....	BARGAIN £8
377-153 8 Plank End Door Wagon 'R. W. Hill' (Gra) (RRP £14.50).....	BARGAIN £8
373-237 Bulk grain bogie hopper wagon 'Traffic Services Limited' (Gra) (RRP £12.95).....	BARGAIN £8
377-750 Midland 20 Ton Brake Van LMS Grey (Gra) (RRP £17.95).....	BARGAIN £11
373-655K Pack of 3 14 ton tank wagons 'War Office' - weathered - Ltd Ed for Bachmann Collectors club (Gra) NEW.....	£35.95
377-377 Triple Pack Conflat Wagons BR Baukite A Containers (Gra) (RRP £39.95).....	BARGAIN £30



377-440 Triple pack of 12T Southern planked ventilated van in Express Dingles Eggs (Gra) NEW.....	£39.91
---	--------

## Containers & Loads

379-372 45ft container Powerbox & Consent Leasing - Pack of 2 (Gra) (RRP £8.45).....	BARGAIN £5
379-391 Type A Containers BR Crimson (x4) (Gra) (RRP £8.45).....	BARGAIN £5

## Lighting equipment

CN21 Automatic Coach Lighting - Cool White/Flashing Tail (Tra) NEW.....	£22.50
CN27 Automatic Coach Lighting - Cool White/Flickering Tail (Tra) NEW.....	£22.50
CN1 Automatic Coach Lighting - Cool White/Standard Tail (Tra) NEW.....	£18
CN26 Automatic Coach Lighting - Warm White/Flashing Tail (Tra) NEW.....	£22.50
CN22 Automatic Coach Lighting - Warm White/Flickering Tail (Tra) NEW.....	£22.50

## Spares

SL-311 Insulated Rail Joiners/Fishplates for N & OO9 gauge (12 per pack) (Pec).....	£1.75
---	-------



SL-310 Rail Joiners/Fishplates for N & OO9 gauge (24 per pack) (Pec).....	£2
---	----

## Man-made scenic structure - railway-related

LCN10P Pair of modern level crossing barriers Light & Sound (Tra) NEW.....	£90.50
--	--------

## Buildings - general

42-299 Low Relief Turbine Hall (2300x45x11mm) (Gra) (RRP £74.95)	BARGAIN £45
42-198 Power Station Chimney (30x30x340mm) (Gra) (RRP £34.95)	BARGAIN £22

**Track - Code 80 Setrack**

ST-6 Setrack left hand point insulfrog (Pec) .....	£8.50
--	-------



## Want it DCC fitted?

[www.hattons.co.uk/dccfitting](http://www.hattons.co.uk/dccfitting)

for more details

## Track - Code 55 Finescale



SL-300F Pack of 30 1 yard (91.5cm) length of Finescale Nickel Silver flexible Wooden Sleeper track (Pec) ..... £84  
 SL-300F Single (Pec) ..... £3  
 SL-E399F 3-way finescale turnout (Pec) ..... £26  
 SL-E386F Finescale curved double radius right hand point electrofrog (Pec) £11  
 SL-E390F Finescale double slip electrofrog (Pec) ..... £35



SL-E389F Finescale left hand large point electrofrog (Pec) ..... £11



SL-E396F Finescale left hand medium point electrofrog (Pec) ..... £10



SL-E392F Finescale left hand small point electrofrog (Pec) ..... £9



SL-E388F Finescale right hand large point electrofrog (Pec) £11



SL-E395F Finescale right hand medium point electrofrog (Pec) £10



SL-E391F Finescale right hand small point electrofrog (Pec) ..... £9  
 SL-E383F Finescale scissors crossover electrofrog (Pec) ..... £61

## Buses

NNR003 New Routemaster London United (Oxf) NEW ..... £7

## Commercial vehicles

NFT001 Ford Transit SWB Low Roof White (Oxf) NEW ..... £4.50

## O Gauge (1:43 Scale)

## Steam locos



7S-010-011 Class A1X Terrier 0-6-0T 32636 in BR black late crest (Dap) ..... £191.25  
 7S-010-009 Class A1X Terrier 0-6-0T 643 "Gipsyhill" in LB&SCR marsh umber brown (Dap) ..... £191.25

## Diesel locos

7D-008-000 Class 08 shunter D3043 in BR green late crest and no yellow warning panels (Dap) ..... £199.95  
 7D-008-002 Class 08 shunter D3045 in BR blue wasp stripes (Dap) ..... £199.95  
 2551 Class 25/1 BR green small yellow warning panels (unnumbered) (Hel) ..... £470  
 3717 Class 37/10 in BR Railfreight triple grey (Supplied in numbered separate headcode box (unnumbered) (Hel) ..... £470  
 4202 Class 42 Warship D869 "Zee" BR maroon small yellow panels (Hel) ..... £550



4505 Class 45 'Peak' in BR early blue red bufferbeams - unnumbered (Hel) ..... £550  
 6000 Class 60 diesel in Railfreight triple grey (Supplied in numbered separate waterline numbers, sector emblems and a selection of nameplates.) (Hel) ..... £499

## Wagons



7F-058-001 14-ton Type A tank wagon in Esso silver (Dap) NEW ..... £42.46



7F-058-005 14-ton Type A tank wagon in Lobitos silver (Dap) NEW ..... £42.46  
 7F-058-003 14-ton Type A tank wagon Regent Oil silver red lettering (Dap) NEW ..... £42.46

## NEW



7F-058-002 14-ton Type A tank wagon in Shell BP silver (Dap) NEW ..... £42.46  
 7F-058-004 14-ton Type A tank wagon Shell Motor Spirit silver (Dap) NEW ..... £42.46

## NEW



7F-059-005 14-ton Type B tank wagon in Berry Wiggins black (Dap) NEW ..... £42.46

## NEW



7F-059-004 14-ton Type B tank wagon in Esso black (Dap) NEW ..... £42.46

## NEW



7F-059-002 14-ton Type B tank wagon in Esso black (Dap) NEW ..... £42.46

## NEW



7F-059-003 14-ton Type B tank wagon in Shell - BP black (Dap) NEW ..... £42.46

## NEW



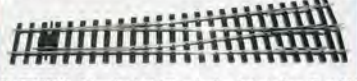
7F-059-001 14-ton Type B tank wagon in Shell BP black (Dap) NEW ..... £42.46

1042 2000v VAA sliding door van in Railfreight red & grey (Hel) ..... £33  
 7F-080-021 8-plank open wagon "Stewart and Lloyd" (Dap) NEW ..... £38  
 7F-080-021W 8-plank open wagon "Stewart and Lloyd" - weathered (Dap) NEW ..... £38

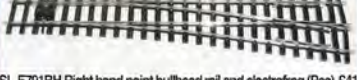
## Track - Code 124 Bullhead Streamline



SL-700BH Box of 12 1 Yard O Gauge Flexible Nickel Silver Track (Bullhead Nickel Silver Rail) (Pec) ..... £75  
 SL-700BH Single (Pec) ..... £6.50  
 SL-E787BH Left hand O gauge curved turnout (Pec) ..... £52



SL-E792BH Left hand point bullhead rail and electrofrog (Pec) £44



SL-E791BH Right hand point bullhead rail and electrofrog (Pec) £41  
 ST-725 Setrack Bullhead 2nd radius standard curve 410mm (16") radius 1020mm (40.5"), 16 make a circle (Pec) ..... £6

## Cars



43SET32 Aston Martin DB2 MKII Twin Set Saloon and DHC (Oxf) NEW ..... £35

## NEW



43AMZ001 Aston Martin DB4GT Zagato - 2 VEV Metallic Green (Oxf) NEW ..... £19.40  
 VA13506 Austin Morris Mini Clubman 1100, Reynard Metallic (Cor) NEW ..... £24  
 VA00132 Ford Anglia 105E DeLuxe, Pompadour Blue & Shark Blue (Cor) NEW ..... £24

## NEW



VA12609 Ford Escort Mk2 RS1800 (Forest Arches), Diamond White (Cor) NEW ..... £24

## NEW



VA12510 Ford Fiesta Mk1 Supersport, Sunburst Red (Cor) NEW ..... £24

## NEW



VA11705 Ford Sierra RS500 Cosworth, Black (Cor) NEW ..... £24

VA10208 Leyland Princess 2200 HL, Sandglow (Cor) NEW ..... £24  
 VA02539 Mini Cooper S Mk1, Tartan Red & Black (Cor) NEW ..... £24  
 43RRP002 Rolls Royce Phantom III SoV HJ Mulliner Fawn/Black (Oxf) NEW ..... £20

## NEW



43RRP002 Rolls Royce Phantom V James Young Burgundy/Silversand (Oxf) NEW ..... £20

## NEW



43EMP001 Rolls Royce Silver Cloud/Hooper Empress Brown/Cream (Oxf) NEW ..... £20

43VP003 Vauxhall Firenza Sport SL Honey Stamist (Oxf) NEW ..... £19  
 VA08713 Vauxhall Viva GT, Elkhart Yellow (Cor) NEW ..... £24

## Public Service vehicles

43LAN18801 Land Rover Series 1 88" Hard Top Rover Fire Brigade (Oxf) NEW ..... £10.50

## Any or Multiple Scales

## Analogue controllers



COMBI Combi 12v 1Amp Single Track Controller Transformer (Gau) ..... £30



D Double/Twin track power controller (Gau) ..... £69



Q Quadruple 4 circuit power controller (Gau) ..... £130

## Analogue point control

PLS-100 SmartSwitch Set for 4 servo control & operation, switches, control board & digital readout for Analogue operation (Pec) ..... £57

PL-15 Twin Microswitch (Pec) ..... £7

## DCC decoders

DCR-18PIN-Direct 18-pin 4-function 1.1Amp direct plug decoder back EMF (Hel) ..... £13



DCR-21PIN-Direct Box of 10 21-pin 4-function 1.1Amp direct plug decoder back EMF (Hel) ..... £110

DCR-21PIN-Direct Single (Hel) ..... £12

DCR-21PIN-Direct Box of 5 (Hel) ..... £57

36-557 21-pin E-Z Command 4-function 1A decoder back EMF (Bac) ..... £15.73

36-557 Pack of 5 (Bac) (RRP £92.50) BARGAIN £70

X9659 4-pin DCC decoder for Sentinels and Peckett locos (Hor) ..... £12



36-568 6 pin DCC decoder Back EMF and Railcom (Bac) ..... £24.60



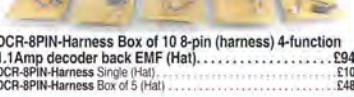
DCC23 6-pin 2-function 1A (2A peak) decoder (suitable for N gauge) (Gau) ..... £24

BPDC227 6 & 21-pin 4-function 1A (1.8A peak) small OMNI decoder (measures 23 x 27 x 100 mm) x 5 (Gau) ..... £71

DCR-8PIN-HarnessMini 8-pin (harness) 2-function 1.1Amp small & thin decoder back EMF (Hel) ..... £11

DCR-8PIN-HarnessMini Box of 5 (Hel) ..... £50

DCR-8PIN-HarnessMini Box of 10 (Hel) ..... £99



DCR-8PIN-Harness Box of 10 8-pin (harness) 4-function 1.1Amp decoder back EMF (Hel) ..... £94

DCR-8PIN-Harness Single (Hel) ..... £10

DCR-8PIN-Harness Box of 5 (Hel) ..... £48

36-553 8-pin 3-function 0.75A decoder back EMF (Bac) ..... £15.50



R8249 Box of 6 8-pin 4-function 2-sided 0.5A (1A peak) decoder (Hor) ..... £76

R8249 Single (Hor) ..... £14



DCR-8PIN-Direct Box of 10 8-pin compact direct 4-function 1.1Amp decoder back EMF (Hel) ..... £105

DCR-8PIN-Direct Single (Hel) ..... £13

DCR-8PIN-Direct Box of 5 (Hel) ..... £59

DCC28 OMNI 6 Pin Decoder Harness (Gau) ..... £17.50

## DCC controllers



36-504RC Dynamis Ultima DCC System Trial copy RailController Software (Bac) ..... £240



50200 ECoS Command Station DCC controller full colour LCD touch screen & dual controllers motorised dials & easy CV (ESU) ..... £635



524-042 NCE Power Cab 2 Amp DCC controller (NCE) ..... £140



DCC04 Prodigy 'Advance 2' Wireless starter DCC controller package (Gau) ..... £369



DCC49 Prodigy 8 Amp booster unit (Gau) ..... £150

DCC01 Prodigy Express Package. Can be extended the DCC13 Walkaround or DCC01 Wireless (Gau) ..... £124

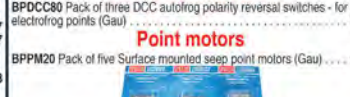
524-037 SB5 Smart Booster Entry level SA DCC system for use Power Cab controller (NCE) ..... £150

## DCC accessories

BPDC80 Pack of three DCC autofrog polarity reversal switches - for electrofrog points (Gau) ..... £14

## Point motors

BPPM20 Pack of five Surface mounted seep point motors (Gau) ..... £36



PL-10 Bag of 6 Point Motor (Switch Machine) (Pec) ..... £34

PL-10E Bag of 6 Point Motor Extended Pin (use PL-9) (Pec) ..... £6

PL-10E Single (Pec) ..... £34

PL-10E Single (Pec) ..... £6



PM-1 Seep point motor accessory switch (Gau) ..... £4.50



PL-11 Side/surface mounted point motor (Pec) ..... £7.50



HAT-PM-01 Pack of 6 Solenoid point motor including pin extension and 2-way arm for use points and signals. Exclusive to Hatton's (Hat) ..... £35

HAT-PM-01 Single (Hat) ..... £6.50

## Switches &amp; Levers

PL-13 Accessory Switch for fitting to turnout motor PL10 (Pec) ..... £3

## Accessories

GM675 Zona Razor Saw (Medium - 32tp) (Gau) NEW ..... £10

## Track underlay

JCS18L Cork Sheet - 1/8" Thick - 24" x 36" (Jav) ..... £8

## Railway publications

SYH27 Booklet - 'Shows You How' Series - Building Wills Craftman kits (Pec) NEW ..... £1





# SELL YOUR SECONDHAND LOCOS & ROLLING STOCK FOR CASH

Get cash for your items in just four easy steps...



“An excellent service everytime without fault. I honestly cannot think of anything which could be improved.”

Mr A Manning, Ipswich

“Excellent service, fair offer. I will not hesitate to use their service again and recommend it. Thank you.”

Mr P Shaddock, Portsmouth

“Very simple to trade-in. Beforehand I had thoughts of problems with couriers and the like, but all very easy.”

Mr D Spottiswoode, Kilmarnock

ALL brands purchased including:



**Sell yours today at [www.hattons.co.uk/preowned](http://www.hattons.co.uk/preowned)**

**Call us on 0151 305 1755 or email [preowned@hattons.co.uk](mailto:preowned@hattons.co.uk)**

**17 Montague Road, Widnes WA8 8FZ**

Phone opening times: Mon to Sun 9am-5pm.



# YouChoos

## DCC Sound

### LET'S MAKE SOME NOISE!

**What will you be packing this summer?**

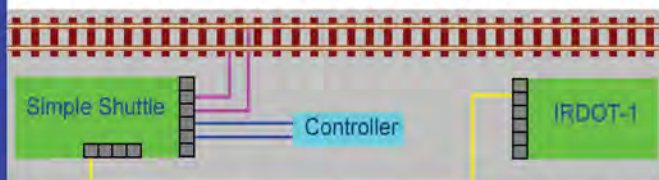


Visit our free online fitting guides

0844 7725052  
www.YouChoos.co.uk john@youchoos.co.uk

[www.heathcote-electronics.co.uk](http://www.heathcote-electronics.co.uk)

The **SIMPLE SHUTTLE** controls a train running backwards and forwards. Trains pause for an adjustable delay at each end of the line. The Simple Shuttle has built in infra red train detection. An IRDOT-1 provides detection at the other end of the line. Advantages include: works in light or dark and no modifications to track or rolling stock.



Wiring is simple. Apart from connections to a 12 to 16 volt (AC or DC) power supply the diagram shows all the wiring. The Simple Shuttle can also be used where there are sidings at one end of the line. A train arrives in one siding, the points automatically change and a different train departs after the delay. This uses a simple shuttle and an IRDOT-P at the end of every siding. Track power is obtained from a conventional controller.

*Special offer, valid for this issue:*  
**Simple Shuttle plus IRDOT-1 £31.50 including post**

For fast trains where gradual slowing and acceleration are required we have a range of controls for shuttles with and without sidings, station stops, passing loops, automatic storage sidings etc.

We also have a range of infra red train detectors and signal controls for semaphore and colour light signals.

See our informative website for information about all our products

[www.heathcote-electronics.co.uk](http://www.heathcote-electronics.co.uk)  
email: cah@heathcote-electronics.co.uk phone: 01538 756800  
Heathcote Electronics, 1 Haydock Close, Cheadle, Staffs, ST10 1UE

# WIN! 1 of 5 pairs of tickets to

## THE INTERNATIONAL N GAUGE SHOW

THE SHOW FOR THE RAILWAY MODELLER

The 2017 International N Gauge Show is rapidly taking shape. It will take place at the Warwickshire Exhibition Centre on Saturday 9th and Sunday 10th September. This exhibition is unique in that it is totally dedicated to N Gauge Modelling. Nearly 3,000 dedicated N Gauge modellers visit every year.

The organisers are expecting a large selection of specialist suppliers and currently over 40 are confirmed to be attending. This will be THE place to visit to stock up on all the materials and models that any rail enthusiast could ever need.

There will also be over 30 layouts on display depicting American, Continental, Steam and Modern Image in addition to 5 of the leaving societies for N Gauge enthusiasts.



**For further details and ticket purchases please visit: [www.ngaugeshow.co.uk](http://www.ngaugeshow.co.uk)**

For your chance to win, simply send your name, email address and contact details to:  
**Hornby Magazine N Gauge Show Ticket Competition,**  
PO Box 100, Stamford, Lincs, PE9 1XQ

Or, via email to: [competitions@keypublishing.com](mailto:competitions@keypublishing.com) with 'Hornby Magazine N Gauge Show Competition' in the subject field.

**Closing date for entries is Wednesday 23 August 2017 at 1200 GMT.**  
The winner will be notified no later than Friday 25 August 2017. There is no cash prize alternative and the Editor's decision is final. No correspondence will be entered into. Competitions are not open to employees of Key Publishing, their family members or anyone else professionally connected to the company.

On occasions, Key Publishing Ltd may make offers on products or services that we believe to be of interest to our customers. If you do not wish to receive this information, please write NO INFORMATION clearly on your entry.

628/17



# HORNBY®

## STILL AVAILABLE



**R3411**  
SR 4-6-0 '827'  
Maunsell S15 Class  
**£154.99**



**R3408**  
GWR 4-6-0 'King Edward V' 6000 King Class  
**£181.99**



**R3409** BR 4-6-0 'King William IV'  
6000 King Class - Late BR  
**£181.99**



**R3410** BR 4-6-0 'King Henry III'  
6000 King Class - Early BR  
**£181.99**



**R3415**  
BR 0-6-0 '65477' J15 Class - Early BR  
**£126.49**



**R3416**  
BR 0-6-0 '65464' J15 Class - Late BR  
**£126.49**



**R3496**  
RailRoad 0-4-0 'Kelly & Son Paper Mill'  
**£32.99**



**R4656A**  
LMS Non-Corridor 57' Composite Coach  
**£44.99**



**R4657A**  
LMS Non-Corridor 57' Third Class Coach  
**£44.99**



**R4677B** LMS Non-Corridor 57'  
Third Class Brake Coach  
**£44.99**

**TWO  
RUNNING  
NUMBERS  
AVAILABLE**



**R4677C** LMS Non-Corridor 57'  
Third Class Brake Coach  
**£44.99**



**R4689** BR Non-Corridor 57'  
Composite Coach BR Maroon  
**£44.99**



**R4690** BR Non-Corridor 57'  
Third Class Coach BR Maroon  
**£44.99**



**R4691** BR Non-Corridor 57'  
Third Class Brake Coach BR Maroon  
**£44.99**



**R4691A** BR Non-Corridor 57'  
Third Class Brake Coach BR Maroon  
**£44.99**

**TWO  
RUNNING  
NUMBERS  
AVAILABLE**

**AVOID DISAPPOINTMENT  
ORDER  
TODAY!**

**HORNBY  
HOBBIES**

TO SEE THESE AND THE REST OF THE HORNBY RANGE VISIT YOUR LOCAL MODEL SHOP

Visit **www.hornby.com** to locate our nearest Hornby stockist  
or call us on **01843 233525**



# METCALFE

Card Construction Kits

SHOP ONLINE NOW  
WWW.METCALFEMODELS.COM

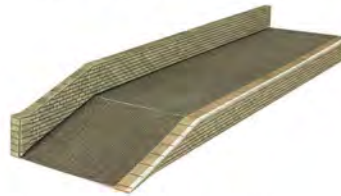
## MAINLINE RANGE



**MAINLINE BOOKING HALL**  
00 CODE PO320 - £22.99  
N CODE PN920 - £20.00



**00/N FOOTBRIDGE**  
00 CODE PO236 - £10.35  
N CODE PN136 - £9.50



**00/N STONE PLATFORM**  
00 CODE PO235 - £11.99  
N CODE PN135 - £8.25



**00 PARCEL OFFICE/WAITING ROOM**  
CODE PO321 - £21.00



**00 ISLAND PLATFORM BUILDING**  
CODE PO322 - £19.99



**PLATFORM CANOPY**  
00 CODE PO340 - £14.99  
N CODE PN940 - £16.50



**00 WALL BACKED CANOPY**  
CODE PO341 - £15.99

## COMING SOON FROM METCALFE:

**N WALL BACKED CANOPY**  
CODE PN941  
**N PARCELS OFFICE**  
CODE PN921  
**N PLATFORM BUILDING**  
CODE PN922

## STRUCTURES



**DOUBLE TRACK VIADUCT**  
RED BRICK 00 CODE PO240 - £12.99  
STONE 00 CODE PO241 - £12.99  
RED BRICK N CODE PN140 - £11.99  
STONE N CODE PN141 - £11.99



**DOUBLE TRACK TUNNEL ENTRANCE**  
00 CODE PO242 - £8.93  
N CODE PN142 - £7.75



**SINGLE TRACK TUNNEL ENTRANCE**  
00 CODE PO243 - £8.25  
N CODE PN143 - £7.25



**RAILWAY BRIDGE**  
RED BRICK 00 CODE PO246 - £13.99  
STONE 00 CODE PO247 - £13.99  
RED BRICK N CODE PN146 - £11.99  
STONE N CODE PN147 - £11.99



**RETAINING WALLS**  
RED BRICK 00 CODE PO244 - £11.99  
STONE 00 CODE PO245 - £11.99  
RED BRICK N CODE PN145 - £8.99  
STONE N CODE PN144 - £8.99



**TAPERED WALLS**  
RED BRICK 00 CODE PO248 - £12.99  
STONE 00 CODE PO249 - £12.99  
RED BRICK N CODE PN148 - £8.99  
STONE N CODE PN149 - £8.99



# METCALFE

Card Construction Kits

**ORDER TODAY**  
**CALL: 01729 830072**

## COUNTRY



**00/N PARISH CHURCH**  
00 CODE PO226 - £15.99  
N CODE PN926 - £10.99



**00/N MANOR FARM HOUSE**  
00 CODE PO250 - £9.50  
N CODE PN150 - £8.25 (incl. barn)



**00 MANOR FARM BARN**  
CODE PO251 - £9.50



**00 MANOR FARM BUILDINGS**  
CODE PO252 - £10.50



**00 COACHING INN**  
CODE PO228 - £9.50



**00 VILLAGE SCHOOL**  
CODE PO253 - £9.99



**00/N VILLAGE SHOP & CAFE**  
00 CODE PO254 - £11.50  
N CODE PN154 - £8.99



**00/N WORKERS COTTAGES**  
00 CODE PO255 - £11.50  
N CODE PN155 - £9.99

## NEW IN N-SCALE

**N MAINLINE BOOKING HALL**  
N CODE PN920 - £20.00



Features laser-cut mullion windows and canopy detailing. The first in the Mainline range in N-scale. Other N-scale Mainline kits coming soon: Platform Building, Parcel Offices and Wall Backed Canopy.



**N LOW RELIEF TIMBER FRAMED SHOP**  
N CODE PN190 - £8.50

Add a touch of history to your high street with these two medieval buildings. Comes with slate and terracotta roof options.



## MAKE GLUING EASY!

Ultra Fine Tip Glue Applicators  
CODE MT907 - £3.75 (Three per pack)  
Applicators allow for precision controlled flow of glue. (Glue not included)



TRADE ORDERS WELCOME:  
TRADEACCOUNT@METCALFEMODELS.COM

FOLLOW US:







**HOBBYRAIL**

Unit 38 Market Village South Parade Sutton Coldfield B72 1QU  
**Tel: 07981 757023**  
 Monday - Friday 10.30 till 4.30 • Saturday 9.00 till 4.30

**Bachmann, Dapol, Gaugemaster, Peco, etc.**  
**Gauges N to 0. Modelling tools and materials**  
**Locomotive repair and decoder fitting service**



**MAD ABOUT TRAINS**

106 Trinity Street,  
 Gainsborough, DN21 1HS  
 • T: **01427 811040**  
 • E: [sales@madabouttrains.co.uk](mailto:sales@madabouttrains.co.uk)

- [www.madabouttrains.co.uk](http://www.madabouttrains.co.uk) -

Mad About Trains is a well-stocked shop selling Bachmann, Graham, Farrish, Hornby, Dapol, Gaugemaster, Peco, Metcalfe, Ratio, Modelscene, Wills etc. An extensive range of scenic materials and accessories are always available including lights, infra-red signals, Belisha Beacons, grounds signals etc. We stock a range of paints, weathering powders, glues, track cleaner, liquid flux, model oil and smoke oil together with smoke generators etc.



As DCC Specialists we offer an advisory and information service, onsite repairs, weathering, DCC Decoder and sound fitting service, plus our unique extra function sound decoders. See us at the shop, at exhibitions or give us a call to discuss your requirements.

We offer a bespoke layout design and construction service and have a large layout in the shop where customers can hear the sound locos and get an idea regarding scenery etc.

**Model Railway Baseboards**  
 Any size board built for any scale model railway  
 We manufacture standard sized layout boards as well as any size required to your specification  
*See us at the Warley show, NEC - Birmingham, 26<sup>th</sup> & 27<sup>th</sup> November*



Fixed, portable or modular boards for indoor & outdoor use  
**01223 864029**  
[www.model-railway-baseboards.co.uk](http://www.model-railway-baseboards.co.uk)

**Mike Pett's Supercast 00 Model Railway Figures**

**00 gauge models £1.75 unpainted, hand painted models £4.50 each P&P £2.75**  
**O gauge fireman £5.50 unpainted, hand painted £8.50 P&P £3.75**

New Moriarty joins Holmes & Watson	Holmes & Watson	NEW O Gauge Fireman & Drivers	Steam Age Sikh & Postman
NEW Brunel	NEW RAC Man & AA Man	NEW Michael Portillo	NEW Steam Age Policeman

**NEW WEBSITE COMING SOON**

Please make cheques payable to: Mike Pett. 12 Chatham Street, Ramsgate, Kent, CT11 7PP  
 Tel: **01843 593417** • Mob: **07976 724225** • Email: [mikepettsupercast@gmail.com](mailto:mikepettsupercast@gmail.com)

**MODEL RAILWAY SOLUTIONS**

**Tel: 01202 798068**  
**Email: [info@modelrailwaysolutions.co.uk](mailto:info@modelrailwaysolutions.co.uk)**

Contact us for a quote on all your baseboard and helix requirements, either bespoke or from our own modular range.

Please take a moment to browse our online store or visit us at -  
 Unit 1, 10-12 Alder Hills, Poole. Dorset. BH12 4AL.  
**[www.modelrailwaysolutions.co.uk](http://www.modelrailwaysolutions.co.uk)**

**MonkBar Model Shop**

2 Goodramgate  
 York - YO1 7LQ  
**01904 659423**  
[info@monkbarmodelshop.co.uk](http://info@monkbarmodelshop.co.uk)

**00 & N Gauge Model Railways**  
 Diecast Planes & Vehicles - Plastic Kits & Figures - Scalextric - Jigsaws



Open Monday - Saturday  
 9am - 5.30pm

**SALE NOW ON!**  
 Hornby locos & rolling stock  
**Online & In-store**

Stockists of Hornby, Bachmann, Graham Farish, Peco, Dapol, Gaugemaster, Ratio, Wills, Woodland Scenics, Metcalfe, Oxford Diecast, Base Toys and many more  
**[monkbarmodelshop.co.uk](http://monkbarmodelshop.co.uk)**

**MORRIS MODELS NORTH LANCING**

80 Manor Road, N Lancing, West Sussex, BN15 0HD  
 Tel 01903 754850  
[www.morris-models.co.uk](http://www.morris-models.co.uk)  
[info@morrismodels.co.uk](mailto:info@morrismodels.co.uk)

We are between Brighton & Worthing, just off A27 west of Shoreham Airport

**BRITISH RAILWAYS**  
 HORNBY, PECO, DAPOL, METCALFE  
 PLUS MANY OTHER RANGES OF SCENIC MATERIALS, BUILDINGS, VEHICLES etc

**BICYCLED**  
 OO/HO & N Cycles & M/cycles with working lights!!  
 See our webshop for details  
**Easy free parking!!**  
 Open Mon - Sat 9.30 to 5.00

**CONTINENTAL RAILWAYS**  
 FLEISCHMANN, Roco, BRAWA, TRIX, herpa, FALLER, HO, Preiser, BUSCH, NOCH, MINITRAINS



**THE COLLECTORS CELLAR**  
*Specialist retailers in die-cast models and model railways*

**Excellent range of Die-cast and Railway New and Pre-owned stock always available.**

11 Hencotes, Hexham, Northumberland  
**Tel: 01434 601392**  
 Email: [sales@collectorscellar.co.uk](mailto:sales@collectorscellar.co.uk)  
 Open: Mon to Sat. 9.15am - 4.00pm



**Stockists of metal railway figures available in O, OO & N Gauge, manufactured by NORTHUMBRIAN PAINTING SERVICES**  
 Weathering service available on locos and rolling stock and Die-cast  
 Email: [paintinghistory@live.co.uk](mailto:paintinghistory@live.co.uk)



## PARKSIDE RAILWAYS

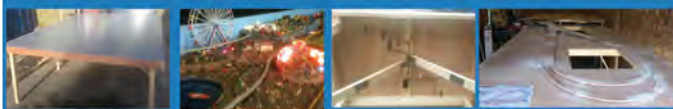
www.parksiderailways.co.uk 01282 613646

Southfield St, Nelson, Lancs, BB9 0LD

Stock and custom layouts designed and built from scratch to any level required. Baseboards, track, wiring, scenic accessories, right up to complete scenic exhibition quality finish.

Supplier of wires, connectors, transformers, stock and custom power supplies for any requirement.

In house designed CDUs for low power consumption and high power output as well as British designed and made selectable feedback hand controllers.



## PARKWOOD

Manufacturers of fine quality display cases and cabinets

Designed for the purpose built to last

### OO/HO Store & Stack (Small & Large)

Two robust storage systems able to provide long term protection and storage for your 'OO'/'HO' collection. The cases are of a sturdy stackable design with a detachable lid held in place by two snap on handles.

There are four "lift out" Polyethylene Foam Inserts for the "Large" case and two inserts for the "Small" case, each insert is machined to house 5 coaches or Locos with Tender. Insert slot length for the "Large" case is 340 mm, and 352 mm for the "Small" case.

Foam Infill strips are provided with each case and these may be cut to a suitable length and pressed into the slots to form pockets to house wagons and shorter rolling stock.

A soft foam pad in the lid of each case prevents the movement of the inserts during transit.

**Storage capacity**

Large Case, 20 Coaches or Locos with Tenders.

Small Case, 10 Coaches or Locos with Tenders.

**Online Price**

Store and Stack Small £69.98

Store and Stack Large £106.82 (inc. VAT and P&P)

Visit [www.parkwood-arts.co.uk](http://www.parkwood-arts.co.uk)



Parkwood Arts Ltd, Froxfield Green, Nr, Petersfield Hants. GU32 1DJ  
Tel. 01730 266151 Fax. 01730 265866 Email. [sales@parkwood-arts.co.uk](mailto:sales@parkwood-arts.co.uk)

## Platform Machines

N - 2mm - 1:148

Various platform vending machines, scales and luggage sets now available.



**Peedie Models**

Resin and brass etch kits  
[www.peediemodels.com](http://www.peediemodels.com)  
Tel: 01856 252510

## PERSEVERANCE ETCHED BRASS 4MM SCALE LOCOMOTIVE CHASSIS KITS

The kits offered are produced from the original Rod Neep Designs and etching art work. The kits are suitable to convert most mass produced OO model locomotives to Fine scale running. In the OO, EM or P4 track gauge. All kits are supplied with detailed instructions and drawings, and a dedicated help service is available by email for chassis kit construction queries to customers of Perseverance Kits. The kits can be supplied with parts to make rigid or compensated chassis. Further details of these kits together with the vast range of scale parts from Westward Detailing Range.

**NEW FOR 2017 - A large range of Markits/Romford Driving wheels and parts are now in stock - can be seen at:**

**[www.perseverancekits.co.uk](http://www.perseverancekits.co.uk)**

A current parts stocklist and price list is available as a pdf file to download as is the perseverance chassis guide. A printed A4 size 9 sided price list is available by post on receipt of £1.00 in stamps.

A printed A4 Size 22 page guide to chassis kits and construction details at £2.50 post free

Perseverance Model Railway Products, Eskdale, Grosmont, Whitby, YO22 5PT  
Tel: 01947 895676 Mob: 07391 539531 Email: [chrisparrish@hotmail.co.uk](mailto:chrisparrish@hotmail.co.uk)

## Pooleys Puffers

Model Railway  
Supplies, New &  
Second Hand  
Bought & Sold



Partnership:  
David & Anne Poole  
Diecast Models  
Kits & Accessories

**Tele: 0191 4910202/4106386 Mobile: 07976 519178**  
**[www.pooleyspuffers.com](http://www.pooleyspuffers.com) e-mail: [pooleyspuffers@btopenworld.com](mailto:pooleyspuffers@btopenworld.com)**

382a Jedburgh Court, Team Valley Trading Estate,  
Gateshead, Tyne & Wear. NE11 0BQ

Mon - Sat 10am - 5pm

When attending weekend exhibitions shop will be closed.

Please phone FRI/SAT for opening times.

Sunday - Closed

All major cards accepted. Part exchange welcome

PECO HORNBY GAUGE MASTER DAPOL JAVIS METCALFE SUPERQUICK WILLS RATIO



58 Dudley Road, Walton-on-Thames,  
Surrey KT12 2JU Tel: 01932 245439

**Online Shop: [roxeymouldings.co.uk](http://roxeymouldings.co.uk)**

VISA/Mastercard/Maestro/Switch accepted

 <b>GWR AA1/AA3 Toad Kit</b>	 <b>4 and 7mm Bikes</b>	 <b>Loco Kits</b> in 4mm & 7mm Scales
 <b>Platform Barrows</b> 15 Designs	 <b>Coach Kits</b> in 4mm & 7mm Scales	 <b>Wagon Kits</b> in 4mm & 7mm Scales
 <b>Point Levers</b> 7 Designs	 <b>Wheels &amp; Accessories</b> in 4mm & 7mm	 <b>Mashima Motors &amp; Gearboxes</b> for 4mm & 7mm
 <b>Stop-Me-and-Buy-One Trike</b>	 <b>Tenshodo Motor Bogies &amp; Motors</b>	 <b>Markits/Romford</b> Wheels & Accessories

**Now Incorporating Southwark Bridge Models**  
4mm/00 & 7mm/0 Carriage & Wagon kits for LSWR/SR/GWR, Bikes, Point Levers, Platform Seats, Luggage Barrows, Wheelbarrows & Deckchairs

**Alan Gibson Accessories**  
List A5 SAE

## LX067-OO Market Stalls

Pack of 4

**LASER CUT OO SCALE KIT**



Includes Crates With Produce & A Choice Of Canopy Design

Only £5.99 + P&P

**scalemodelscenery.co.uk**

Order online or call 01530 456952

Visit → [scalescenescen.com](http://scalescenescen.com)

Download → Print → Build

The home of quality downloadable card model railway kits since 2005

**Card kits that pass closer inspection**



**ALL NEW Low Relief House Fronts and Shops**

Great value for ONLY £4.99

**Includes additional wall finishes**

**Buy once unlimited prints**

View our large range of N and OO kits and texture sheets

**scale scenes.com**



# Selling your model railways?

Warwick and Warwick have an expanding requirement for early to modern collections of British and Foreign trains and train sets from large accumulations to items of individual value. Our customer base is increasing dramatically and we need an ever larger supply of quality material to keep pace with demand. The market has never been stronger and if you are considering the sale of your collection, now is the time to act.



**FREE VALUATIONS** - We will provide a free, professional valuation of your collection, without obligation on your part to proceed. Either we will make you a fair, binding private treaty offer, or we will recommend inclusion of your property in our next public auction.

**FREE TRANSPORTATION** - We can arrange insured transportation of your collection to our Warwick offices completely free of charge. If you decline our offer, we ask you to cover the return carriage costs only.

**FREE VISITS** - Visits by our valuers are possible anywhere in the country or abroad, usually within 48 hours, in order to value large collections. Please phone for details.

**ADVISORY DAYS** - We are staging a series of advisory days and will be visiting the following towns within the next few weeks: **Carmarthen, Cardiff, St. Helens, Congleton, Stoke on Trent, Sunderland, Scarborough, Newbury, Burnley, Oldham, Runcorn, Northwich, Staines, Belfast, Galashiels, Dunfermline, Hamilton and Cirencester.** Please visit our website or telephone for further details.

**EXCELLENT PRICES** - Because of the strength of our customer base we are in a position to offer prices that we feel sure will exceed your expectations.

**ACT NOW** - Telephone or email Richard Beale today with details of your property.



*Get the experts on your side!*



## Warwick & Warwick

AUCTIONEERS AND VALUERS  
[www.warwickandwarwick.com](http://www.warwickandwarwick.com)

Warwick & Warwick Ltd., Chalon House, Scar Bank,  
Millers Road, Warwick CV34 5DB England

Tel: (01926) 499031 • Fax: (01926) 491906  
Email: [richard.beale@warwickandwarwick.com](mailto:richard.beale@warwickandwarwick.com)



# THE HEREFORD MODEL CENTRE

EMAIL US ON SALES@HEREFORDMODELS.CO.UK  
www.herefordmodels.com

SALES LINE  
01432 352809

4 COMMERCIAL ROAD, HEREFORD, HEREFORDSHIRE, HR1 2BB  
OFFICIAL HORNBY COLLECTORS CENTRE

## NEW RELEASES

35-050	LNWR Coal tank.....	£101.95
R3484	Class 08 BR Green.....	£109.45
R3586	BR Schools Class.....	£75.99
32-376A	Class 37 Regional Railways.....	£123.20
R3455	GWR Star Class.....	£119.45
R3397	LMS Suburban Train pack.....	£220.25
DJMO0J94-SPI	NCB J94.....	£99.75
35-051	LMS Coal Tank.....	£101.95
35-052	BR Early Coal Tank.....	£101.95
R3454	GWR 'Dryslwyn Castle'.....	£134.95
R3522	BR A4 'Miles Beavor'.....	£134.45
R3520	BR Britannia 'Coeur-de-lion'.....	£144.45
R3402	LNWR Queen of Scots Pack.....	£263.99

## OXFORD / HELJAN

OR76AR005	Adams East Kent.....	£84.45
OR76AR006	Adams SR.....	£84.45
H1300	1361 Photo Grey.....	£122.45
H1301	1361 GWR s.button.....	£122.45
H1302	1361 GWR.....	£122.45
H1303	1361 BR Early.....	£122.45
H1304	1361 BR Late.....	£122.45

## HORNBY Steam Locomotives

R2784X	Mallard.....	£85.00
R3003	B17/6 Barnsley.....	£116.45
R3003X	B17/6 Barnsley DCC.....	£121.95
R3004	Serlby Hall.....	£116.45
R3004X	Serlby Hall.....	£133.45
R3017X	BR Patriot.....	£119.00
R3229	BR British Monarch.....	£119.25
R3235	D16/3 British Railways.....	£100.95
R3242A	K1 BR Early.....	£116.95
R3243B	K1 BR Late.....	£116.95
R3311	BR Schools.....	£119.45
R3316	Fowler 2P SDJR.....	£87.45
R3318	B17/6 BR Gilwell.....	£116.45
R3325	J50 BR Early.....	£69.45
R3326	J50 BR Late.....	£69.45
R3327	SR S15.....	£123.99
R3328	S15 BR Early.....	£123.99
R3329	BR Late S15.....	£123.99
R3333	BR Early Adams Radial.....	£107.95
R3334	BR Late Adams Radial.....	£107.95
R3335	LSWR Adams Radial.....	£107.95
R3356	9F Crosti weathered.....	£104.45
R3380	J15 LNER.....	£96.90
R3381	J15 BR Early.....	£96.90
R3384TTS	King Class BR Late.....	£164.45
R3395TTS	A4 Mallard.....	£102.25
R3405	LNWR J50.....	£78.50
R3406	BR Departmental J50.....	£78.50
R3407	BR J50.....	£78.50
R3408	GWR King class.....	£142.25
R3409	BR King class.....	£142.25
R3410	King Class BR Early Blue.....	£142.20
R3411	S.R. S15.....	£125.95
R3412	S15 Early.....	£119.45
R3413	S15 Late.....	£119.45
R3415	J15 BR Early.....	£99.45
R3416	J15 BR Late.....	£99.45
R3417	K1 BR Early.....	£114.45
R3418	K1 BR Early.....	£114.45
R3419	SR 700 CLASS.....	£99.45
R3420	BR/L 700 CLASS.....	£99.45
R3421	BR/E 700 CLASS.....	£99.45
R3422	Adams SR.....	£109.45
R3423	Adams BR.....	£109.45
R3424	LNWR Q6.....	£125.45
R3425	BR EARLY Q6.....	£125.45
R3426	BR Late Q6.....	£125.45
R3430	B12 LNER Green.....	£127.95
R3431	B12 BR Early.....	£127.95
R3432	B12 BR Late.....	£127.95
R3445	West Country Camelford.....	£147.50
R3448	B17 BR.....	£124.45

R3456	N15 BR.....	£137.45
R3457	SR Class T9.....	£116.45
R3461	LNWR L1.....	£125.50
R3463	52XX BR.....	£106.45
R3465	LNWR Class N2.....	£82.95
R3468	BoB 603 Sqdn.....	£144.45
R3485	Class 08 Laira Blue.....	£109.45
R3496	KELLY & SON 0-4-OT.....	£26.45
R3499	Hall Class BR Late.....	£72.45

## TRAIN PACKS/SETS

R1180	Postal Express.....	£124.45
R2986	A Date With The Duchy.....	£179.80
R3059	Tornado Express.....	£128.45
R3093	Tornado Pullman.....	£134.95
R3192	Heritage Rail Express.....	£135.95
R3220	The Tyseley Connection.....	£179.25
R3299	1945 Going Home.....	£259.45
R3302	Return from Dunkirk.....	£229.75
R3401	The Bristolian.....	£234.45
R3400	Golden Arrow Pack.....	£244.95
30-165	The Thanet Flyer Set.....	£152.95
30-285	The Midlander.....	£178.45

## HORNBY

Diesel Electric Locomotives

R3161B	SR 2 BIL Green.....	£120.60
R3180	Tarmac Sentinel.....	£44.95
R3261	Network Class 08.....	£84.45
R3267XS	Class 60 Transrail w/Sound.....	£217.75
R3268	Class 67 Arriva.....	£122.90
R3283	Bagnall Shunter.....	£25.75
R3290A	BR 2 HAL Green.....	£113.90
R3340	BR Green 2-Hal.....	£119.75
R3341A	BR Blue 2 HAL.....	£115.95
R3346	Class 92 DB Schenker.....	£70.45
R3353	Sentinel Balfour Beatty.....	£49.45
R3343	FGW Class 08.....	£104.45
R3342	BR Class 08.....	£104.45
R3373	NRM Class 71.....	£134.95
R3374	BR Blue Class 71.....	£134.95
R3376	BR Green Class 71.....	£134.95
R3471	Class 50 NSE.....	£129.45
R3477	Class 153 Regional Railways.....	£86.45
R3483	Sentinel Crossley.....	£51.45
R3486	Class 66 DB Schenker.....	£77.45

## HORNBY TRACK

R083	Buffer Stop.....	£1.65
R207	Track Fixing Pins.....	£2.50
R600	Straight.....	£1.15
R601	Double Straight.....	£1.85
R604	Curve 1st Rad.....	£1.65
R605	Double Curve 1st Rad.....	£2.05
R606	Curve 2nd Rad.....	£1.40
R607	Double Curve 2nd Rad.....	£1.95
R608	Curve 3rd Rad.....	£1.65
R609	Double Curve 3rd Rad.....	£2.25
R610	Short Straight.....	£1.10
R614	LH Diamond Crossing.....	£9.25
R615	RH Diamond Crossing.....	£9.25
R617	Uncoupling Ramp.....	£2.60
R618	Double Isolating Rail.....	£6.85
R620	Railer Uncoupler.....	£4.35
R628	Half Curve 3rd Rad.....	£1.80
R643	Half Curve 2nd Rad.....	£1.20
R8206	Power Track.....	£5.95
R8072	LH Point.....	£7.95
R8073	RH Point.....	£7.95
R8074	LH Curved Point.....	£12.60
R8075	RH Curved Point.....	£12.60
R8076	Y Point.....	£8.95
R8077	LH Express Point.....	£12.60
R8078	RH Express Point.....	£12.60

## HORNBY

Track Accessories

R076	Footbridge.....	£15.10
R169	Junction Home Signal.....	£10.35
R170	Junction Distant Signal.....	£10.35

R171	Single Home Signal.....	£7.95
R172	Single Distant Signal.....	£7.95
R189	Single Brick Bridge.....	£7.95
R406	Colour Light Signal.....	£19.00
R626	Point Underlay.....	£4.20
R636	Double Level Crossing.....	£20.15
R638	Track Underlay.....	£10.55
R645	Single Level Crossing.....	£12.45
R657	Girder Bridge.....	£13.50
R658	Inclined Pier Set.....	£12.65
R659	High Level Pier Set.....	£6.95
R660	Elevated Track Side Walls.....	£18.95
R909	Track Supports.....	£8.65

## HORNBY TRACKSIDE

R460	Straight Platform.....	£3.45
R462	Large Curve Platform.....	£3.45
R463	Small Curve Platform.....	£3.45
R464	Platform Ramp.....	£3.45
R495	Platform Subway.....	£3.45
R510	Platform Shelter.....	£10.95
R514	Platform Canopies.....	£11.95
R8001	Waiting Room.....	£17.95
R8003	Water Tower.....	£13.55
R8004	Engine Shed.....	£18.35
R8007	Booking Hall.....	£24.99

## HORNBY

Control Equipment

R044	Point Switch.....	£8.45
R046	Two Way Switch.....	£8.45
R047	On/Off Switch.....	£8.45
R602	Power Connecting Clip.....	£1.65
R8014	Point Motor.....	£6.75
R8015	Point Motor Housing.....	£3.99

## BACHMANN

Steam Locomotives

31-014	Class 7F SDJR Black.....	£125.75
31-015	Class 7F LMS Black.....	£125.75
31-001	Robinson BR Late Crest.....	£94.99
31-003	Robinson LNER.....	£94.99
31-004A	Robinson BR Early.....	£118.95
31-088	BR Black Earl.....	£118.95
31-089	GWR Earl.....	£118.95
31-119	BR 4mt V/crest.....	£135.95
31-127	Class 3000 BR Early ROD.....	£118.45
31-128	BR ROD Weathered.....	£102.45
31-136DC	D11/2.....	£115.9
31-213DS	Patriot BR Late.....	£201.45
31-318A	LNWR J11.....	£127.45
31-440	Ivatt 2mt BR Early.....	£110.45
31-691	BR Early Stanier Mogul.....	£135.95
31-690	LMS Stanier Mogul.....	£135.95
31-728	GWR City class.....	£118.95
31-614	V3 BR Late.....	£110.45
31-615	V3 BR Early.....	£110.45
31-465	C Class BR.....	£93.46
31-626A	3F BR.....	£71.25
31-782	Thirlestaine Hall BR.....	£114.70
31-783	Fountains Hall BR.....	£114.70
31-932DC	BR Compound.....	£127.75
31-933	BR Compound Late Crest.....	£112.88
31-980	BR 3MT Green.....	£110.45
31-981	BR 3MT Black Early.....	£101.95
32-085	Class 56XX BR.....	£76.45
32-954	4MT Black BR Early.....	£87.50
32-955	4MT Black BR Late.....	£87.50
31-528A	A2 Pearl Diver.....	£144.45
32-227B	LMS 3F Jinty.....	£72.20
32-235	BR 3F Jinty.....	£80.70
32-279A	K3 LNER Black.....	£118.95
32-281	K3 BR Early.....	£118.95
32-882	Fairburn BR Late.....	£106.20
31-461A	C Class SR Black.....	£106.20
31-462A	C Class BR Early.....	£106.20
31-003A	Robinson LNER.....	£110.45
31-435	1F BR Early.....	£81.55
32-178A	LMS Crab.....	£123.20
32-176	BR Crab.....	£123.20

31-480	G2 LMS.....	£101.95
31-481	G2A BR Early weathered.....	£114.70
31-531	Class A2 Trimbush.....	£144.45
32-129A	Class 45xx BR Black.....	£72.20
32-575A	LMS Ivatt 4MT.....	£114.70
32-353	4MT BR Green.....	£110.45
32-359A	4MT BR Early.....	£110.45
32-360A	4MT BR Late.....	£110.45
31-635A	64xx GWR.....	£81.55
31-636A	64xx BR Black.....	£81.55
31-638	64xx BR Green withd.....	£90.05

## BACHMANN

Diesel/Electric Locomotives

31-266	MLV with yellow panel.....	£62.45
31-268	MLV NSE.....	£83.26
31-269	MLV Jaffa Cake.....	£83.26
31-364	Class 03 BR Green withd.....	£76.95
31-365	Class 03 BR Blue withd.....	£70.50
31-366	Class 03 BR Green.....	£70.50
31-575	Windhoff MPV NWR.....	£108.00
31-677	CL85 BR Blue.....	£85.99
31-679	Class 85 Electric Blue.....	£118.95
32-034A	Class 20 BR Grn withd.....	£97.70
32-044	Class 20 BR Green.....	£93.45
32-065	Class 43 Zealous.....	£118.95
32-066	Class 43 Pegasus.....	£118.95
32-067	Class 43 Royal Oak.....	£118.95
32-109	Class 08 NSE Eagle.....	£84.95
32-377A	Class 37 Large Logo.....	£117.25
32-389	Class 37 COLAS.....	£117.25
32-680	Class 45 Blue.....	£101.95
32-784	Class 37 Mainline.....	£106.20
32-786	Class 37 EWS.....	£106.20
32-928	Class 150 Sprinter.....	£135.95
32-937	Class 150 Centro.....	£127.45
32-762DS	Virgin Class 57 Hood.....	£203.95
32-390	Class 37 Petroleum Sector.....	£101.95
32-992	Wickhams Trolley Yellow.....	£67.95
32-068	Class 43 BR Maroon.....	£127.45
32-069	Class 43 BR Green.....	£127.45
32-993	Wickhams Trolley Yellow.....	£67.95

## 0 Gauge Locomotives

7D-008-000D	08 BR Green (Sound).....	£345
-------------	--------------------------	------

## ORDER BY TELEPHONE

Orders taken 6 days a week  
9.00am - 5.30pm  
Monday to Saturday  
01432 352809

## MAIL ORDER SERVICE

ALL PRICES VALID UNTIL 31.08.17

You must state these prices when ordering

POSTAGE & PACKING RATES PER ORDER:

UK Standard Postage	£3.95p
UK Insured Postage and Packing Rate	£7.10p
UK Courier Transport and Packing Rate	£9.00p
Worldwide at cost. VAT free to non EC.	

\*\*Train Sets/Packs and Controllers/Handsets  
Postage charged at cost\*\*

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

\*\*\*Please allow 7 days for clearance when paying by cheque\*\*\*

PLEASE QUOTE OUR SPECIAL PRICES WHEN YOU VISIT US.

Credit Cards Welcome - Visa, Mastercard, Maestro

Please state expiry date



[www.YorkModelrail.com](http://www.YorkModelrail.com)

Online shop selling

• **Precision laser cut**

architectural detailing,  
kits, tools and materials.

High quality products, as reviewed and  
recommended by the railway journals

• **Bespoke laser cutting service**

An affordable way to create perfect results  
email: [laser@yorkmodelrail.com](mailto:laser@yorkmodelrail.com) or post  
information to us for a free quote

• **NEW "How to" videos on our website**

• If you need a printed N, 00 or 0 scale price list please  
send an A4 size SAE with a LARGE size stamp



York's Magnetic  
Mates - sizes  
suitable for all  
model scales



Photo courtesy of Norman Raven

York Modelmaking Here to help you build your models 01904  
Unit 13, Bull Centre, Stockton-on-the-Forest, York, YO32 9LE 400358

## A C Models

Tel: 02380 610100 [www.acmodelseastleigh.co.uk](http://www.acmodelseastleigh.co.uk)

*We have now expanded to number 9 High Street  
and our Spares Department & Games Workshop at number 7 is now open  
Visit us at [www.acmodelsspars.co.uk](http://www.acmodelsspars.co.uk).*

**New R/C Dept now open**

Your one stop shop for the model enthusiast, selling brand new and near new model trains, slotcars,  
sets, and diecast toys at very special prices direct from our website or our shop in Eastleigh.

**Stockists of**

**SCALEXTRIC**

**HORNBY**

**WING**

**SPECTRA**

**PECO**

**AIRFIX**

**RAILWORKS**

**and much more**

**VISA**

**PayPal**

**MasterCard**

**7/9 High Street, Eastleigh, Hants SO50 5LF**

**email: [info@acmodelseastleigh.co.uk](mailto:info@acmodelseastleigh.co.uk) Closed Weds, Sun.**

# 4D modelshop



**We've got it covered**

**For landscaping and  
scratch building materials**

**[www.modelshop.co.uk](http://www.modelshop.co.uk)**

**The Arches 120 Leman St London E1 8EU**

**020 7264 1288**



**Tower Hill / Aldgate Stations**

**TRACKSIDE  
WAY**

**00 Scale**

# 4GROUND

TRACKSIDE AND WATERWAYS

**DESIGNED &  
UK  
MADE IN THE**

Fully featured laser cut  
kits with pre-painted parts  
as standard.



**[www.4groundtrackside.com](http://www.4groundtrackside.com)**

**HAVE YOU ASKED YOUR LOCAL MODEL SHOP IF THEY STOCK 4GROUND**





# New Modellers Shop

Providing friendly advice for beginners

<h3 style="text-align: center;">4GROUND</h3> <p><b>SR101</b> Arkwright's Groceries £24.14</p> <p><b>SR102</b> Jubilee Street Houses £23.21</p> <p><b>SR106</b> St. Michael's Church £53.55</p> <p><b>SR107</b> Lynch Gate £5.36</p> <p><b>SR108</b> Walter &amp; Son Butchers £26.78</p> <p><b>SR110</b> The Railway Inn £33.92</p> <p><b>SR111</b> Station Road Services £25.50</p> <p><b>IE101</b> Palmer Road Factories £53.55</p> <p><b>SRCL1</b> St. Michael's Church £80.33</p> <p><b>TE114</b> Pub Benches x 6 £3.57</p> <p><b>TE127</b> Wooden Coal Staithe £8.50</p> <p><b>TS101</b> Malbrook Junction Signal Box £17.00</p> <p><b>TS102</b> Hanford Crossing Signal Box £10.63</p> <p><b>TS103</b> Hanford Station £25.93</p> <p><b>TS112</b> Single Platform Canopy £11.90</p>	<h3 style="text-align: center;">NOCH</h3> <p><b>N60135</b> Gras-Master 2 £129</p> <p><b>N23100</b> NOCH Nature Trees £21.95</p> <p><b>N26301</b> Deciduous Trees - 25 Trees £21.95</p> <p><b>N26306</b> Spring Trees - 25 Trees £21.95</p> <p><b>N26311</b> Mixed Trees - 25 Trees £21.95</p> <p><b>N26321</b> 50 Fir Trees (Assorted) £38.95</p> <p><b>N23102</b> Embankment Vegetation £15.95</p> <p><b>N05180</b> Curved Tunnel, Double Track £29.50</p> <p><b>N02200</b> Straight Tunnel, Single Track £18.95</p> <p><b>N60800</b> Noch Scenery Starter Set £33.95</p> <p><b>N58660</b> Noch Quarystone Viaduct £59.95</p> <p><b>N08300</b> Spring Meadow 2.5mm (20g) £2.40</p> <p><b>N50210</b> Spring Meadow 2.5mm (100g) £8.95</p> <p><b>N08150</b> Spring Meadow 2.5mm (120g) £14.95</p> <p><b>N07066</b> Assortment of Static Grass £23.95</p>	<h3 style="text-align: center;">Gaugemaster Controls</h3> <p><b>GM200</b> Flexible Grey Underlay £22.95</p> <p><b>COMBI</b> One Track Train Controller £40.95</p> <p><b>D</b> Twin Track Train Controller £93.95</p> <p><b>Q</b> Four Track Train Controller £167</p> <p><b>WM1</b> Power Supply (16v ac-12v dc) £19.50</p> <p><b>GM50</b> OO / HO Wheel Cleaner £38.95</p> <p><b>PM51</b> Point Motor Wire 10m Tripled £6.75</p> <p><b>miniNatur</b></p> <p><b>930-23</b> Maple Foliage - Early Fall £4.64</p> <p><b>741-21</b> Forest Ground Mat - Spring £14.29</p> <p><b>726-21</b> Blooming Tufts - Spring £4.64</p>	<h3 style="text-align: center;">Train-Tech</h3> <p><b>BL1</b> Train-Tech - Buffer Light £4.95</p> <p><b>SFX10</b> SFX+ Sound Capsule - Steam £39.95</p> <p><b>SFX20</b> SFX+ Sound Capsule - Diesel £39.95</p> <p><b>ID242</b> Harvest Hills (15" high) £13.99</p> <p><b>ID107A</b> Into the Town Pk A (9" high) £10.99</p> <p><b>ID107B</b> Into the Town Pk B (9" high) £10.99</p> <p><b>ID401</b> Terrace House (15" high) £13.99</p> <p><b>ID201A</b> Village Pk A (15" high) £13.99</p>
---	---	---	--

Website: [www.newmodellersshop.co.uk](http://www.newmodellersshop.co.uk) Telephone: 01733 704502 Email: [info@newmodellersshop.co.uk](mailto:info@newmodellersshop.co.uk)

Follow us on: [Twitter](#) [YouTube](#) [facebook](#)

Prices are correct at time of printing and include UK VAT at 20%. Prices are only valid until the 31st August 2017

## ANDY LOWE Electronics

All your electronic components at LOWE prices

REPAIRS TO DC CONTROLLERS £35

www.andyloweelectronics.co.uk

<h3 style="text-align: center;">TAG BOARDS, STRIPS &amp; TERMINAL BLOCKS</h3> <p><b>CTB2</b> Mini Tag Board 2 rows x 18 117mm x 38mm £2.45</p> <p><b>CTS1</b> Standard Tag Strip 28 way x 267mm £2.50</p> <p><b>CTS2</b> Mini Tag Strip 28 way x 194mm £1.90</p> <p><b>CTB4</b> Screw Terminal Block 3amp 80p</p> <p><b>CTB5</b> As above 5amp 95p</p> <p><b>CTB6</b> 12-way plug &amp; socket 6amp £4.95</p> <p><b>CTB10</b> As above but 10amp £6.50</p> <h3 style="text-align: center;">DIN PLUG &amp; SOCKET</h3> <p><b>Plug</b></p> <p><b>CDP9</b> 3 pin plug...65p</p> <p><b>CDP4</b> 4 pin...65p</p> <p><b>CDP5</b> 5 pin 180°...70p</p> <p><b>CDP5</b> 5 pin 240°...70p</p> <p><b>CDP6</b> 6 pin...75p</p> <p><b>CDP7</b> 7 pin...80p</p> <p><b>CDP8</b> 8 pin...85p</p> <p><b>Socket</b></p> <p><b>CDS9</b> 3 pin...65p</p> <p><b>CDS5</b> 4 pin...65p</p> <p><b>CDS2</b> 5 pin 180°...70p</p> <p><b>CDS3</b> 5 pin 240°...70p</p> <p><b>CDS6</b> 6 pin...75p</p> <p><b>CDS7</b> 7 pin...80p</p> <p><b>CDS8</b> 8 pin...85p</p> <h3 style="text-align: center;">VERY FINE WIRE</h3> <p><b>EW53/c</b> Overall dia 0.53mm; 7/40; 32AWG; 3 amp bk/bl/bn/gn/gy/or/pu/rd/wh/yl £3.25 for 2m</p> <p>Used with this wire, our tiny connectors are ideal for joining engine to tender for extra pick-up CMP100 2 pin 3/8" X 3/16", CMP101 3 pin CMP102 4 pin. Double rows are available. <b>1+ 60p ea. 10+ 50p ea.</b></p>	<h3 style="text-align: center;">EQUIPMENT WIRE</h3> <p>Colours: rd,yl,bl,bk,wh,gn,pu, or,gy,pk,br</p> <p><b>EW07/0.2</b> Multistrand wire 1.4amp 7 strands of 0.2mm wire in plastic sleeving: ideal N &amp; 00 £1.50 £8.40</p> <p><b>EW07/0.2</b> as above in bi-colour (striped) £2.00 £15.99</p> <p><b>EW16/0.2</b> Multistrand wire 3amp 16 strands of 0.2mm wire, ideal 0 &amp; 00 £2.25 £15.95</p> <p><b>EW24/0.2</b> Multistrand wire 5amp 24 strands of 0.2mm wire, ideal 0 &amp; DCC £2.80 £25.50</p> <p><b>EW32/0.2</b> Multistrand wire 6amp 32 strands of 0.2mm wire, ideal DCC rd, bk £3.50 £34.00</p> <h3 style="text-align: center;">In-line Sockets</h3> <p><b>CDS10</b> 4 pin...75p</p> <p><b>CDS11</b> 5pin180°...75p</p> <p><b>CDS12</b> 5 pin 240°...75p</p> <p><b>CDS13</b> 6 pin...85p</p> <p><b>CDS14</b> 7 pin...85p</p> <p><b>CDS15</b> 8 pin...90p</p> <h3 style="text-align: center;">MIN TOGGLE SWITCHES</h3> <p>SP/DP-single/double pole, ST/DT-single/double throw CC5 Connectors to fit below (saves soldering) 8p each</p> <p><b>SMT1</b> on / off SPST £1.20 £1.10</p> <p><b>SMT2</b> on / off SPDT £1.20 £1.10</p> <p><b>SMT3</b> on-off SPDT £1.25 £1.15</p> <p><b>SMT4</b> on/off DPDT £1.30 £1.20</p> <p><b>SMT5</b> on-off-on DPDT £1.40 £1.30</p> <p><b>SMT6</b> [on]-off-[on] SPDT for points £1.60 £1.50</p> <p><b>SMT7</b> [on]-off-[on] DPDT £1.90 £1.80</p> <p>Lever covers for identification and grip 18p each Rd,yell,bl,bk,gn,wh,gray</p> <h3 style="text-align: center;">PUSH BUTTON SWITCHES</h3> <p><b>SPB1</b> 6mm off-[on] momentary rd, bk, gn, yl, wh, bl 40p ea - 20+ 35p ea</p>
---	---

T: 01981 540366  
E: [andy@andyloweelectronics.co.uk](mailto:andy@andyloweelectronics.co.uk)

Hillcrest Cottage, Little Birch, Hereford HR2 8AY

Cheq: Andy Lowe P&P: £2.99 [PayPal](#)

**MODEL RAILWAY EXHIBITION**  
 August 19th /20th  
 Ross-on-Wye

## NEW! SMART LIGHT - EASY EFFECTS

Small Special Effect lights - just connect power!

<p><b>SL10 - Party Disco Lights</b></p> 	<p><b>SL40 - Real Fire Effect</b></p> 
<p><b>SL20 - Random Lighting</b></p> 	<p><b>SL100 - Custom Smart Light</b></p> 
<p><b>SL30 - Emergency Vehicle</b></p> 	<p><b>SL60 - Television Simulator</b></p> 

Customise!  
Create your own:  
• Colours  
• Effects  
• Brightness

- Very small - 1cm x 1cm x 0.3cm
- Fits in buildings, vehicles and trains!
- Just fit, connect power & go - no setting up
- Powered by standard 9 - 16v DC or a battery
- Or power by DCC which can control some effects
- Fitted with self adhesive pad for easy mounting

Only £15

ALL THIS PLUS MORE IN OUR NEW FREE 20 PAGE BROCHURE - JUST EMAIL OR CALL FOR YOUR COPY



**Train-Tech**  
Model Technology Made Easy

DCP Express, Bryon Court, Bow Street,  
Great Ellingham, Norfolk, NR17 1JB  
[www.dcpexpress.com](http://www.dcpexpress.com)

**sales@dcpmicro.com / 01953 457800**

£4 UK P&P - this month quote HBY817 for £2 off postage!



# MegaPoints Controllers

Awesome layout control system

Includes semaphore  
bounce - see web  
for details

## MegaPoints Servo Controller features:-

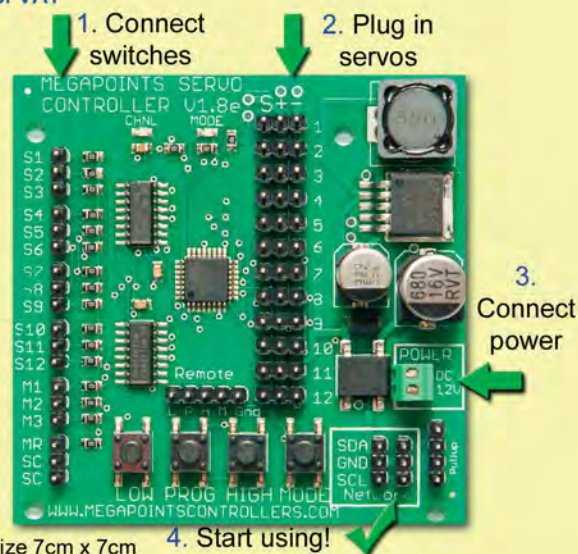
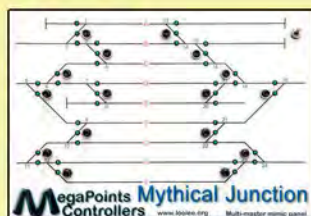
- Control up to 12 points or semaphores!
- Can be used for gates, uncouplers, barriers, doors etc.
- Simple setup – programming buttons on the main board!
- Variable speed control and reversing.
- Built in memories for quick route setup!
- All connections via plugs (supplied), no soldering needed.
- Uses industry standard servos costing as little as £1.50 each!
- Amazing semaphore bounce realism - physics modelled and random, each bounce is subtly different!
- Works with analogue, DCC, steam, any gauge.

MegaPoints Controller £60

DCC Module £30

Prices inclusive of VAT

Control your layout from one  
or more mimic panels using  
just a single cable.  
See the videos on  
our web site.



Size 7cm x 7cm

Web & details: [www.megapointscontrollers.com](http://www.megapointscontrollers.com)

Designed and built in sunny Cheshire, UK.

Rev: 16-03

## KS Laser Designs Ltd

All our kits are Laser Cut in England from MDF, PLY, acrylic and card detailing

[www.kslaserdesigns.com](http://www.kslaserdesigns.com)

Kevin: 07866073194

Stephen: 07958372872

### Cable Drums: OO & O Gauge

- KS51-01-03 O 5ft Cable Drums + Stand £6.75  
KS51-02-02 OO 7ft Cable Drums + Stand £5.55

### Platforms and Pits: N OO & O Gauge

- KS19-01-03 O Inspection Pit £16.75  
KS25-01-01 N Stabling Platform £6.00  
KS25-01-02 OO Stabling Platform £5.00  
KS25-02-03 O DMU/Carriage Stabling £10.75  
KS25-03-02 OO Station Platform End 50mm £3.50  
KS25-04-02 OO Station Platform 50mm £6.50  
KS25-05-02 OO Station Platform End 75mm £4.50  
KS25-06-02 OO Station Platform 75mm £7.50

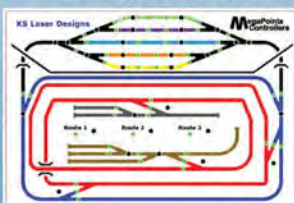
### Fencing: OO & O Gauge

- KS32-01-02 OO Security Fencing £9.00  
KS32-01-03 O Security Fencing £10.50  
KS33-01-02 OO Security Double Gates £2.50  
KS33-01-03 O Security Double Gates £8.00  
KS33-02-03 O Single Personnel Gate £2.50



Mimic Control Panels and  
Boxes Made To Order

Working with  
**MegaPoints  
Controllers**



### Building Kits: N OO & O Gauge

- KIT04-01-02 OO Pitched Roof Goods Shed £30.00  
KIT05-01-02 OO Pitched Roof Engine Shed £30.00  
KIT05-02-01 N Pitched Roof Engine Shed £30.00  
KIT01-01-L N North Light Goods Shed £15.00  
KS29-01-03 O 12ft x 8ft Shed £9.40  
KS29-03-03 O Wooden Café £12.00  
KS29-10-03 O Platelayers Hut £12.00  
KS36-02-01 N 3 Bay bus Depot £6.00  
KS36-03-01 N 3 Bay Engine Shed £6.00  
KS36-03-02 OO 3 Bay Engine Shed £15.00  
KS70-01-02 OO Fire Station Training Tower £6.00  
KS70-02-02 OO Small Fire Station £30.00

### Walls, Support and Arched: OO & O Gauge

- KIT02-01-02 OO Support Wall £9.75  
KIT06-01-03R O North Light Low Relief £19.80  
KS26-05-02 OO Low Relief Arches with Door £12.50  
KS26-01-03 O Single Low Relief Arch £13.50  
KS27-01-02L OO 5ft Brick Wall £3.85  
KS27-01-03 O 8ft Brick Wall £11.00  
KS27-02-03 O 5ft Brick Wall £9.50

### Bridge Kits: N, OO & O Gauge

- KS44-02-01 N Swanage Triple Lane Bridge £25.00  
KS44-03-02 OO Triple Lane Bridge £36.00  
KS44-05-03 O Double Brick Bridge £75.00



**brimal.co.uk****Sales 01429 297277****Introducing the NEW CP800 Sound Controller**

With real recordings done on location around the UK

**The CP800 SOUND CONTROLLER**

for Model Railway layouts  
Comes complete with 15  
live recorded sounds, 8  
sets of track sensors,  
Built in speaker or ext  
Speaker. Power from  
separate supply or your  
Layout 12VDC supply. SD Cards also available  
for STEAM, DIESEL, UNDERGROUND & DCC Atmosphere.

**Part No: CP800 see the Video on our site**

See our web site  
**Brimal.co.uk** for a full  
range of electronic  
components for your  
layout.

Also go to  
**thehobbyshed.co.uk**  
For inspiration and  
ideas on how to use  
these products

**Multicore Cable**

Multicore Cable from 4 core up to  
25 core. Also available as  
screened cable in 8 & 12 core.

**CB599 to CB627****Points switch with  
Indicators**

For Tortoise and Stall type point  
motors. Requires no extra wiring  
to reverse the polarity. 2 wires  
in—2 wires out that simple

**MR318****Power Distribution  
Board**

An DC Power Distribution Board  
- if you are not into soldering.  
Ideal for Bus Bar or general  
local distribution, etc.

**CN165****Momentary Points Switch  
Memory**

Indicates the last position of a  
momentary switch or the position  
of points without sensors

**MR204****Individually Switched  
Outputs 5v to 24v**

Ideal for building Lighting circuits  
or switching sections of the  
Layout ON/OFF. Has an LED  
switch, for LED use only

**CN169****1sec to 120sec Timer**

Timer is adjustable from  
1second to 120 seconds. Ideal  
for many uses including Station  
Stop.

As a Kit or Pre-assembled  
**MR350—MR351— MR352**

We now have a Stock Catalogue. Please contact us on 01429 297277 for a copy

Have a look on **thehobbyshed.co.uk** for Inspiration & Solutions

We accept all forms of Payment on the web site **brimal.co.uk** if you have any problems ordering please contact us

**SALE SALE SALE SALE SALE SALE SALE SALE****HORNBY:**

R2844 30934 BR Early .....£91.00  
R3230 7524 LNER Blk .....£100.00  
R3235 E2524 Brit Rail .....£100.00  
R3242 62015 BR Early .....£115.60

**HELJAN:**

1600 D8400 BR Green .....£105.00  
1601 D8401 BR Green SYP .....£105.00  
2302 D5908 Green Full Vel .....£90.00  
2322 D5905 BR Green .....£101.00  
2323 D5909 Green (W) .....£109.00  
2724 D5353 BR Green .....£78.00

**BACHMANN:**

31-167DC 50795 Black (W) .....£84.00  
31-933 41157 BR Late .....£102.50

**FARISH:**

372-185 46236 BR Black .....£118.00  
372-244 47711 Large Logo .....£92.50  
372-245 47715 NSE .....£92.50  
372-427 90201 BR Late (W) .....£105.00  
377-802 Nuclear Flask .....£22.00

All subject to availability  
UK P&P from £4.10 per order

We also stock 00 & N gauge from Bachmann, Base Toys, Britbus, Classix, Dapol, Dornaplas, EFE, Farish, Gaugemaster, Heljan, Hornby, Humbrol, Kestrel, Metcalfe, Modelscene, Oxford Diecast, P.Dundas (N), Peco, Plastruct, Ratio, Superquick, Wills, Woodland Scenic & Deluxe Materials.

**ONLINE SHOP [www.churchstreetmodels.co.uk](http://www.churchstreetmodels.co.uk)**

Mon-Sat 09.30-17.30 • Closed 10-19 Aug, Tues & Bank Hols

Church Street Models, 10A, Church Street, Basingstoke, Hants, RG21 7QE

**01256 358060 • Mail Order Welcome****ADM TURNTABLES**

INDEXING DRIVE SYSTEM MANUFACTURERS

[www.admturtables.co.uk](http://www.admturtables.co.uk)

The ultimate Indexing Turntable for  
OO and N Gauge; plus Drive  
Systems for other gauge sizes

- N & OO gauge - based on a popular turntable
- Single or Multiple Use
- Unique Belt Driven Solution
- Quiet Running System
- Bridge Live Through 360°
- Up to 100 Indexable Positions

- Suitable for DCC or Analogue
- DCC controllable
- Simple to use Controller
- Easy to Programme
- Full Two Line Digital Display
- Fully Assembled & Tested
- Easy to Install and Operate



Designed and built in the UK

**ADM Turntables Tel: 01933 411127 Mobile 07770 977867**

Email: [alastair@admturtables.co.uk](mailto:alastair@admturtables.co.uk) Website: [www.admturtables.co.uk](http://www.admturtables.co.uk)



Ellis Clark Trains  
Unit 1 Toller Court, Shortbank Road  
Skipton, North Yorkshire BD23 2HG



Top prices paid for your collections  
of model railways, diecast & tinplate  
For more info call Ellis on 07799 554491

- ✓ Call, email or post a list
- ✓ All makes, gauges and ages considered
- ✓ British, Continental and American
- ✓ All gauges of kit/scratch built and live steam
- ✓ Diecast and tinplate cars, lorries, buses, planes, soldiers
- ✓ Payment in your preferred method
- ✓ Happy to travel nationwide and view or collect
- ✓ Large collections a speciality
- ✓ Friendly and professional service



**BUY  
ONLINE  
at our new  
WEBSITE**

T 01756 701451 M 07799 554491  
E [ellis@ellisclarktrains.com](mailto:ellis@ellisclarktrains.com)  
W [ellisclarktrains.com](http://ellisclarktrains.com)



Commemorating the **50th Anniversary** of Southern Steam

**SEVEN TO CHOOSE FROM**  
Discounted prices from £99.99



**Locomotion**  
THE NATIONAL RAILWAY MUSEUM AT SHILDON

— in the —  
**Museum's Collection Building**  
— more than 70 vehicles  
from the National Collection  
on display

**DON'T MISS**  
**MODEL MANIA**  
AUGUST 5 & 6th  
2017

— Follow us —  
f t i

Prices correct at  
time of going to press



**PRE-ORDER NOW!**

**GWR Dean Goods**  
— No. 2516

**Exclusive Edition**

**DCC  
READY**

Estimated delivery  
**LATE SUMMER 2017**  
**£125 DCC READY**  
**£225 WITH SOUND**



**PRE-ORDER NOW!**

**GNR Stirling Single**  
— No. 1

**Exclusive Edition**

**DCC  
READY**

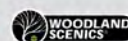
Estimated delivery  
**LATE AUTUMN 2017**  
**£229 DCC READY**  
**£329 WITH SOUND**

**www.locomotionmodels.com** the NRM's online model shop Tel: 01904 685785

Locomotion: The National Railway Museum at Shildon, Shildon, County Durham DL4 2RE

**National  
Railway  
Museum**

Visit the Locomotion Museum Shop for:



# THE JUNCTION BOX WANTED - WANTED - MODEL RAILWAYS



Top prices paid for  
N and OO gauge collections  
or individual items, such as

- Airfix • Bachmann • Graham Farish
- Hornby • Lima • Mainline • Peco

*Will travel to collect.*

## FORTHCOMING EXHIBITION DATES

SAT 22ND JULY DRS OPEN DAY CARLISLE • SAT 29TH & SUN 30TH JULY RAILEX NORTH EAST  
• SAT 19TH & SUN 20TH AUG CARNFORTH

Please forward your list of items by E-mail to: **ian@ihunter10.plus.com**  
Or send to: The Junction Box, 15, Shepherd Terrace, Haltwhistle, Northumberland NE49 9LS  
Or contact Ian **07763 806306 / 01434 320328**  
Please visit our online shop for all your model railway requirements at:

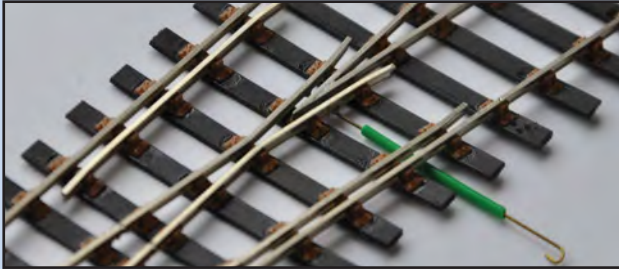
**www.thejunctionbox.net**



# C & L FINESCALE

## TRACK BUILDING SYSTEMS

### TRACK BUILDING MATERIALS FROM C & L FINESCALE AND EXACTOSCALE



Ranges in 4MM OO, EM P4,  
and 7MM O Gauge

For current exhibition listing please check our website.

Office hours 9.30am to 16.00pm Monday to Friday

Telephone **01372 748490**  
**www.finescale.org.uk**

C & L Finescale Track Building Systems Ltd  
125 Beaver House, 12 East Street, Epsom KT17 1BX

# GRAPHICAIR

The UK's leading supplier of model making  
equipment including paints, airbrushes,  
compressors, stencils, cutting tools, lamps  
and spray booths!

Get 5% off with this code  
**HBAU17**

**CREATEX  
COLORS**

**iwata**

**LIFECOLOR**  
ACRYLIC HOBBY COLORS

PRODUCTS  
**ARTOOL**  
COMPANY, INC.

SINCE 1906  
**Paasche**  
AIRBRUSH COMPANY

**COM·ART**

**SPARMAX**

**BenchVent**

call us: **01423 522836**  
email us: **info@graphicair.co.uk**  
**www.graphicair.co.uk**

## www.Classicrail.co.uk

New & Second Hand Railway Centre in Sussex

 Hornby Southern Q1 E85	 Hornby Class 73 Fragonet E55	 Hornby R349 King Henry VIII
 Bachmann 31-145NRM Butler Henderson E220	 Hornby R2900S Class 31 DCC sound £200	 Hornby R2098A GWR E65
 Hornby NRM Flying Scotsman DCC Fitted E79	 Hornby R2652 DCC Fitted	 Hornby Mailard DCC Fitted E55
 Hornby R2179 Duchess of Gloucester E89	 Hornby R852 James Red Engine E75	 Hornby Schools Repton E55
 Hornby R2946x BR 4 car Class 423 DCC Fitted £160	 Hornby R3048 DCC Fitted E75	 Bachmann 31-44DC G2A with sound £200
 Hornby Bubble Car Class 121 E60	<b>WANTED</b> <b>Locos &amp; rolling stock of all types</b> <b>Layouts dismantled Cash Paid</b>	
 Heijan Railbus DCC sound	 Hornby R665A Eurostar E49	 Bachmann Cambrion Coast Set in presentation box E300
 Hornby Sir Dinadan R154	 Bachmann 32-550B Tornado DCC Ready	 Hornby Mailard LNER E69
 Lima 3 car DMU BR E40	Where are we ??? 32a High St Ticehurst E Sussex TN5 7AS Tel 01580 200400 www.classicrail.co.uk open Tuesday to Saturday 10-10	

**PECO**

**WINDUP**

**HORNBY**

**GRAHAM PARISH**  
BY BACHMANN

## We put you in the driving seat of your model locos



**Andy Harris**

## DCC Fitting with a smile

Call Andy; he solves problems for modellers  
in 0 and 00, and other scales.

He'll guide you in the confusing world of DCC.  
Independent FREE advice on what to do . . .

. . . and not to do;

**NEW** layout visits and advisory service (chargeable).

**Top-quality Sound and Lighting**

**Reliable, fully-guaranteed**

**Prompt—No long waits**

We supply market-leading ECoS controllers and install  
**decoders, sound and lighting** using components from all  
main manufacturers, including ESU LokSound equipment.

**Don't pay full price for obsolete components.**

**DCC Fitting Limited**

**01934 510262**

8.30 am to 9 pm, Monday to Saturday

12 Hanover Close, Weston-super-Mare BS22 7UJ

**www.dccfitting.co.uk** E-mail mail@dccfitting.co.uk



Footplate of preserved SR King Arthur 4-6-0 Sir Lamiel



**DEVON RAILWAY CENTRE AND MODEL WORLD**

**TRACK LOADS OF FUN**

**FOR OPENING TIMES SEE WEBSITE OR LEAFLETS**

**TEL: 01884 855671**

**www.devonrailwaycentre.co.uk**

**BICKLEIGH • TIVERTON • DEVON • EX16 8RG**

**elitebaseboards**

**eb elite baseboards**  
Quality • Design • Inspiration  
elite layouts

info@elitebaseboards.co.uk  
www.elitebaseboards.co.uk  
01594 843022

**Design**

Engine sheds  
Branch line  
Down good sidings

**Construction**

**Wiring**

**Scenery**

**Services**

- CAD Layout Design
- Modular & Bespoke Baseboards
- Track Laying
- Wiring DC/DCC
- Scenicing & Model making

**Scan Me**

**ORNATE HEADBOARDS**

We have now created some of our 4mm/00 ornate multicolour headboards in 2mm/N and 7mm/O scales.

**PRE-WAR LNER HEADBOARDS NOW IN STOCK**  
(16 to select from)

**PLINTHLESS NAMEPLATES...**

By request we have a selection of GW/BR PLINTHLESS NAMEPLATE SETS. All of the KINGS CLASS is available, plus various HALLS, CASTLES & STARS.

SEARCH 'PLINTHLESS' ON OUR WEBSITE TO SEE ALL PLATES WITH THIS OPTION.

**The Professional's Choice**

**FOX TRANSFERS LTD**  
TEL +44 (0)116 319 4950 (QUOTING HQ)  
Dept HQ, Unit 5, Priory Business Park, Wistow Road, Kibworth, Leicestershire LE8 0RX, ENGLAND  
email: sales@fox-transfers.co.uk web: www.fox-transfers.co.uk

**Sig-naTrak®**  
Model railway electronics by GFB Designs

**Our DCC controller - now even better!**

- ★ Up to 9999 train and 2044 accessory addresses
- ★ Trains and accessories can be named
- ★ Easy to use - elegant, clearly-labelled touch keys - clear, colour graphical display
- ★ Drive from the touch panel, or optional handsets
- ★ Generous 3.5A or 5A output!
- ★ USB interface now built in as standard!

**The ACE-2**  
NMRA-compliant DCC controller with full decoder programming and reading functions. Compact: only 220x150x45mm!  
£192.00 DCS2044 - 3.5A  
£204.00 DCS2044H - 5A

**and for accessories.....** £14.00

**The IMP** (part no: DSI1001)  
Servo controller - DCC or DC. £28.00

**The GEM** (part no: DPD2001)  
Point motor - DCC or DC. £17.00

**The DRIVER** (BHS1204)  
ACE Handset.

See website or send large-letter SAE for more details. (prices inc. VAT, p+p extra)

**GFB Designs - WE put YOU in control!**

**Layout control modules - DCC or LocoNet™**

- DAC20 Accessory Decoder - 8 outputs, built-in CDU. £85.00
- SIGM20 Colour-light Signal Controller - 6 or 8 outputs. £54.00
- DTM30 Digital Tower Master - 30 inputs & outputs. £63.00
- DSS1 Loco Shuttle - automatic train running sequences. £60.00
- TXC1 Turntable Controller - automatic indexing. £80.00
- MSC8 Scenery Animator - control lights, motors & servos. £30.00

**67 Boddens Hill Road, Stockport, SK4 2DG**  
Tel: 0161 883 2022; fax: 0161 883 2077  
(Callers by appointment only, please.)  
Email: info@signatrak.co.uk; Web: www.signatrak.co.uk







# Book Law Publications

Santona / Foxline & Runpast Publishing.  
382 Carlton Hill, Nottingham. NG4 1JA.  
Tele 0115 961 1066 / Fax 01623 792704

Secure online orders - [www.booklaw.co.uk](http://www.booklaw.co.uk)

SHOP OPEN :- Mon-Sat :- 10-00 - 15-30

<b>LONDON'S EAST END STEAM</b> The London Street Railway Lines 	<b>Memories of Steam 1950's &amp; 1960's LONDON'S ENGINE SHEDS Part 1. The West and North</b> 	<b>Memories of Steam 1950's &amp; 1960's LONDON'S ENGINE SHEDS Part 2. The East and South</b> 																																
<b>GREAT NORTHERN RAILWAY THE LEAN VALLEY EXTENSION</b> KIRBY-IN-ASHFELD - SHIREBROOK 	<b>LONDON'S EAST END DIESELS</b> 	<b>Memories of Steam 1950's &amp; 1960's LOCOMOTIVES IN CLOSE-UP</b> Eastern, North Eastern & Scottish Regions 																																
<b>STEAM MEMORIES ON SHED : 1950's - 1960's NOTTINGHAMSHIRE ENGINE SHEDS &amp; THEIR MOTIVE POWER</b> 	<b>STEAM MEMORIES ON SHED : 1950's - 1960's DERBYSHIRE ENGINE SHEDS &amp; THEIR MOTIVE POWER</b> 	<b>STEAM MEMORIES ON SHED : 1950's - 1960's SCOTTISH REGION ENGINE SHEDS &amp; THEIR MOTIVE POWER</b> 																																
<b>STEAM MEMORIES : 1950's - 1960's NORTHUMBERLAND BRANCH LINES : 1</b> 	<table border="0"> <tr> <td>London's East End Steam</td> <td>£23.99</td> </tr> <tr> <td>London's Engine Sheds Vol 1</td> <td>£19.99</td> </tr> <tr> <td>London's Engine Sheds Vol 2</td> <td>£19.99</td> </tr> <tr> <td>Northumberland Branch Lines</td> <td>£9.99</td> </tr> <tr> <td>Tyne Dock-Consett</td> <td>£9.99</td> </tr> <tr> <td>London's East End Diesels</td> <td>£19.99</td> </tr> <tr> <td>Locomotives In Close Up</td> <td><b>AUG</b> £19.99</td> </tr> <tr> <td>Nottinghamshire Engine Sheds</td> <td>£9.99</td> </tr> <tr> <td>Derbyshire Engine Sheds</td> <td>£9.99</td> </tr> <tr> <td>Scottish Region Sheds 60 -60E</td> <td>£9.99</td> </tr> <tr> <td>D For Diesels Part 12</td> <td>£9.99</td> </tr> <tr> <td>North Eastern Sheds 3 50A-50D</td> <td>£9.99</td> </tr> <tr> <td>North Eastern Sheds 4 50E-50G</td> <td>£9.99</td> </tr> <tr> <td>Tyneside Electrics 1</td> <td>£9.99</td> </tr> <tr> <td>Tyneside Electrics 2</td> <td>£9.99</td> </tr> <tr> <td>Scottish Region Sheds 63 Group</td> <td>£9.99</td> </tr> </table>		London's East End Steam	£23.99	London's Engine Sheds Vol 1	£19.99	London's Engine Sheds Vol 2	£19.99	Northumberland Branch Lines	£9.99	Tyne Dock-Consett	£9.99	London's East End Diesels	£19.99	Locomotives In Close Up	<b>AUG</b> £19.99	Nottinghamshire Engine Sheds	£9.99	Derbyshire Engine Sheds	£9.99	Scottish Region Sheds 60 -60E	£9.99	D For Diesels Part 12	£9.99	North Eastern Sheds 3 50A-50D	£9.99	North Eastern Sheds 4 50E-50G	£9.99	Tyneside Electrics 1	£9.99	Tyneside Electrics 2	£9.99	Scottish Region Sheds 63 Group	£9.99
London's East End Steam	£23.99																																	
London's Engine Sheds Vol 1	£19.99																																	
London's Engine Sheds Vol 2	£19.99																																	
Northumberland Branch Lines	£9.99																																	
Tyne Dock-Consett	£9.99																																	
London's East End Diesels	£19.99																																	
Locomotives In Close Up	<b>AUG</b> £19.99																																	
Nottinghamshire Engine Sheds	£9.99																																	
Derbyshire Engine Sheds	£9.99																																	
Scottish Region Sheds 60 -60E	£9.99																																	
D For Diesels Part 12	£9.99																																	
North Eastern Sheds 3 50A-50D	£9.99																																	
North Eastern Sheds 4 50E-50G	£9.99																																	
Tyneside Electrics 1	£9.99																																	
Tyneside Electrics 2	£9.99																																	
Scottish Region Sheds 63 Group	£9.99																																	
<b>STEAM MEMORIES : 1950's - 1960's TYNE DOCK-CONSETT</b> 	<b>STEAM MEMORIES ON SHED : 1950's - 1960's NORTH EASTERN SHEDS 3 &amp; THEIR MOTIVE POWER</b> 	<b>STEAM MEMORIES ON SHED : 1950's - 1960's SCOTTISH REGION ENGINE SHEDS &amp; THEIR MOTIVE POWER</b> 																																
<b>STEAM MEMORIES ON SHED : 1950's - 1960's NORTH EASTERN SHEDS 4 &amp; THEIR MOTIVE POWER</b> 	<b>BRITISH RAILWAY DIESEL MEMORIES D FOR DIESELS : 12 A REVIEW OF BR'S EARLY DIESEL FLEET</b> 	<b>BRITISH RAILWAY MEMORIES TYNESIDE ELECTRICS : 2</b> 																																

ALL ITEMS SENT POST FREE. Please Quote -NE/BL

# The North East's Premier Model Railway Show



Presented by  
**BLYTH AND TYNE MODEL RAILWAY SOCIETY**

at John Spence Community High School, Preston Road, North Shields  
Tyne & Wear NE29 9PU

**SAT 29th & SUN 30th**  
**July 2017**

ALL  
NEW VENUE  
& NEW DATES



UP TO  
**40**  
LAYOUTS


Supported by



**Sat 10.00am - 5.00pm**  
**Sun 10.00am - 4.00pm**

up to 40 Model Railway Layouts - Gauges Z to 1  
(including 'Thomas & Friends')  
Over 30 Trade Stands  
Modeling Demonstrations,  
M.E.R.G., etc.  
FREE Childrens Modelling Area



Nearest Station  Tynemouth

**Admission**  
**Adults £7.00 Children £3.00**  
**Family (2+2) £16.00**

**[www.railexne.com](http://www.railexne.com)**



# MERCIAN MODELS

1A Market Way, Hagley, Stourbridge DY9 9LT • Tel: 01562 884800 • Email: mercianmodels@hotmail.co.uk

[www.modelrailways.tv](http://www.modelrailways.tv)

## "TITFIELD THUNDERBOLT"

Train set  
in Gauge 1



14XX Locomotive  
kit complete +  
Loriot, 'Dan's  
Coach' &  
brake van

**£699**



Bespoke and trade enquiries  
please call Nigel Julian on  
07971 741478  
or  
01332 781795  
email: [nigel@airframed.co.uk](mailto:nigel@airframed.co.uk)

**AirFramed**  
Bespoke Glass Display Cases  
[www.airframed.co.uk](http://www.airframed.co.uk)



OO gauge loco & tender cases with mirrored or clear back wall  
(14" x 3" x 3") £35.00 plus p&p  
Bespoke sizes made to order. Prices on application.

## Possibly Hampshire's Largest Stockist of Model Railways, Diecast, Books, Magazines, Scalextric and much more...

Full range of model railway products from the  
leading manufacturers including:

Hornby, Bachmann, Dapol, DJ Models,  
Graham Farish, Heljan, Oxford Rail,  
Peco, Dapol, Ratio, Willis, Superquick,  
Metcalf, Gaugemaster, Parkside,  
Railmatch, South Eastern Finecast,  
Woodland Scenics and many, many more.

DCC equipment from DCC Concepts, ESU,

Gaugemaster, Hornby and Bachmann.

Sound decoders from South West Digital.

Also stockists of Die cast models including:

Corgi, EFE, Oxford Die-Cast,

Base Toys & Classix.

Modelling materials & tools.

**NEW!** Now stocking Vallejo Model Colour

AK pigments and washes

Wide selection of books, DVDs, videos

and magazines.



Monday: Closed  
Tuesday to Saturday: 9.00am to 5.00pm  
Sunday: See website / call  
Tel: 01420 542244  
[altonmodelcentre.co.uk](http://altonmodelcentre.co.uk)  
7a Normandy Street, Alton  
Hants, GU34 1DD

**GRIMY TIMES**

**MODEL  
RAILWAYS**

[www.grimytimes.co.uk](http://www.grimytimes.co.uk)

187 Orford Lane, Warrington, Cheshire WA2 7BA

Open daily 10am-5.00pm Closed Sundays & Mondays

01925 632209  
07921 830484

The Home of Grimy Times Weathering

- Excellent range of products and very competitive prices.
- Weathering, Renumbering & Renaming Service.
- Displays of pre-weathered locomotives for sale.
- Advice from professional railway modellers.
- DCC fitting service / Repairs & Servicing.



**Sankey  
Scenics**

Over 800 different packs of  
Quality Signage & Titled Trains



COACH DESTINATION BOARDS

GENERAL ARKRIGHT'S STORE

TOPLEY DALE

THE RAILWAY

THE PINES EXPRESS

THE MOST COMPREHENSIVE RANGE OF MODEL SIGNAGE

Tel: 07565 892209

[www.sankeyscenics.co.uk](http://www.sankeyscenics.co.uk)

**LACY SCOTT  
& KNIGHT**

Chartered Surveyors  
Land & Estate Agents  
Auctioneers & Valuers

Bury St Edmunds  
01284 748600  
[www.lsk.co.uk](http://www.lsk.co.uk)

## FORTHCOMING SALE

## Toy and Collectors Models Auction

12th August 2017

Sale includes

Live Steam and Sundry

Related Items, All

Gauges of Model

Railway & Railwayana,

Diecast Models Incl.

Corgi, Dinky, Matchbox, Tinsplate and Triang, Juvenalia, Britains & Plastic

Kits etc. **Entries Close four weeks prior to sale**



Enquiries: Oliver Leggett

[oleggett@lsk.co.uk](mailto:oleggett@lsk.co.uk) or 01284 748623

Strong foundations. Exciting future



# CR Signals

**N Gauge Locomotives  
DCC Sound conversions  
Wagon & Coach conversions**



**Lights  
Signals  
Trackside  
DCC Control**

**07908-81 1059**

**info@crsignals.com**

**Follow us on**  **Facebook**

**www.crsignals.com**

## OSBORN'S MODELS

**SHUNTERS  
TRUCK**

**N  
GAUGE**



DOING 'N' SCALE  
ON A  
BIG SCALE

**7 HONESTONE ST, BIDEFORD, N. DEVON, EX39 2DL 01237 423453**

**www.osbornsmodels.com**

**BACHMANN \* HORNBY \* FARISH \* PECO \* RATIO \* WILLS \* METCALFE \***

### Aspire Gifts & Models

**OPENING TIMES: Mon 2pm-5pm Tues, Wed, Thurs 10am-5pm**

**The Model Shop for Modellers,  
Run by a Modeller**

**Suppliers of all Major Railway Brands,  
We Chip, Service and Repair Engines.**

**Layouts built from Track to finished item.**

THOUSANDS OF ITEMS AVAILABLE ON OUR WEBSITE CREDIT CARDS WELCOME

**Come and see the progress on our new 30' x 30' OO Gauge layout**

**Unit 4, Court Farm Business Park, Buckland Newton, Dorset. DT2 7BT**

**Telephone: 01300 345355**

**email: edward.aspire@btinternet.com**

**Website: www.aspiregiftsandmodels.co.uk**

**WOODLAND SCENICS \* KNIGHTWING \* SUPERQUICK \* WILLS \* BASE**

**\* BUSCH \* NOCH \* DAPOL \* OXFORD \* JAVIS**

**\* MODEL SCENE \* GAUGE MASTER \* FALLER**



**OPEN**

**Mon to Sat:**

**9:30am - 5pm**

**Closed Sunday**

**1000'S OF  
PRODUCTS  
IN STOCK**



**We Buy & Sell**

**CULCHETH MODEL RAILWAYS - WARRINGTON**

**Tel: 01925 899959**

**WE BUY / SELL / PART EXCHANGE**

**Most Gauges Stocked -**

**Z/N/HO/OO/O/G/1**

**View/Buy our stock online in our eBay shop:**

**http://stores.ebay.co.uk/Culcheth-Model-Railways**

**FREE PARKING / DISABLED ACCESS**

**Credit / Debit Cards Accepted**

**Call: 01925 899959**

**Email: info@culchethmodelrailways.co.uk**

**Culcheth Model Railways, CPS Shopping Centre,  
Common Lane, Culcheth, Warrington, WA3 4EH**

**NORTH WEST MODEL SHOP**

**WARRINGTON CHESHIRE - WA3 4EH - OPEN 6 DAYS!**



# MAC'S MODEL



## RAILROADING

4-8 REFORM STREET, KIRRIEMUIR, SCOTLAND DD8 4BS

TEL: 01575 572397

WWW.MACSMODELS.CO.UK

WWW.ECSCENICS.CO.UK

EMAIL: SALES@ECSCENICS.CO.UK



VISIT MY FACEBOOK PAGE -

WWW.FACEBOOK.COM/MACSMODELRAILROADING

OPEN: 10.30AM - 4.00PM

BRITISH, AMERICAN AND CONTINENTAL  
OUTLINE STOCKED  
COMPREHENSIVE WOODLANDS  
SCENIC SELECTION

## Model Rail Baseboards

Manufacturers of bespoke  
modular baseboard systems

- Custom made baseboards, Helix, Storage systems • Point control systems
- Complete layout service



CHECK OUT OUR NEW WEBSITE WHERE YOU WILL  
FIND OUR NEW RANGE OF LIGHTING, COMPONENTS,  
POWER SUPPLIES + MUCH MORE..

www.modelrailbaseboards.com

sales@modelrailbaseboards.com

00 353 (0)87 6555 052



Find us on  
Facebook

### Illustrated Catalogues Including Post

00,009 (1/76th)	£6 In Colour
N (1/148th)	£5 In Colour
O (1/43rd)	£4 In Colour

Mail Order By Return P+P £4, over £40 Post Free  
Unpainted metal kits-glue with epoxy glue (£5.75)

## LANGLEY MODELS

166 Three Bridges Road, Crawley, Sussex, RH10 1LE  
Tel: 01293 516329 www.langleymodels.co.uk



Dodgem Fairground Ride 00 Scale £97.55  
In N Scale £39.00



00 scale 6 Trawler/Fishing Figures £5.30  
One of hundreds of kits in our catalogue

Painted 6 ass boys playing with various toys	£13.75	8 assorted Farm figures	£6.80
Painted 6 Girls playing with toys	£13.75	assorted Garden Greenhouses	£11.15
Painted Schoolgirls and teachers	£20.65	assorted Garden Sheds	£10.60
Painted Night Watchman and Hut/Kiosk	£13.75	10 assorted Hikers	£7.10
Painted Wishing well & Dovecote	£9.95	10 Clergymen & Choirboys	£7.10
Painted 8 ass Police traffic warden xing figs	£19.35	2 Horses (no harness)	£4.20
Painted Assorted Platform Luggage & bags	£8.70	8 coal or potato Sacks	£4.80
Painted Beach 2 inflatable/sand castle & Ass 5 figs	£14.80	Cliff Railway-Coaches,accessories & motor	£144.95
Painted Cub Camp 1 tent & assorted 8 figures	£19.60	Pavilion building(cricket,café,scout,etc)	£37.55
Painted 8 Assorted Sailors	£18.30	Fisherman & Equip (rods,box & shelter)	£7.60
Painted Seated Spectators/figures (5 assorted)	£11.80	4 ass. Scooters & riders (Mods)	£12.05
Painted Loco Repair Crew/Boilermakers	£13.70	4 ass. Motorcycles & riders (Rockers)	£12.25
Painted Bus/torry driver and conductors	£13.70	8 Suburban Station Building (brass)	£37.55
Painted AA Box (incl colour artwork for 50 or 70's)	£10.15	6 assorted Golfers & Equipment	£7.85
Painted RAC Box (incl 50or 70's artwork)	£10.15	assorted Lawn Bowls Teams	£5.20
Painted 6x Fisherman/Trawlerman - Painted	£13.75	First Aid Set (St John Ambulance)	£5.80
Painted Quayside Figures & Equipment - Painted	£14.05	Army personnel - On Fatigues 40/50's	£5.80
Painted Forrester Figures and Equipment - Painted	£13.75	Army personnel - On Parade-Attention	£5.80
Painted 6 x assorted Coal Miners	£13.75	Army personnel - On Parade-At Ease	£5.80
Painted Washing Line and figures	£12.00	6 Builders/tradesmen figures	£5.35
Painted Pallet Truck and 4 pallets weathered	£9.30	6 Painters & Plasterers	£5.35
Painted Relaxed Loco Driver + fireman (4 figs)	£10.20	8 Pavers & Fencers	£6.80
Painted Beekeepers & Beehives (3 white boxes)	£10.95	Welders & equipment	£5.35
Painted Coalman carrying sack, coalsacks and scales	£9.50	Workmen on ladders	£6.80
Painted 'Wheeie' rubbish bins x 4	£8.05	Road Repair & Surveying - 6 figs etc.	£5.30
Painted 4 x Postman & one Bicycle	£11.80	40/50's 6 women working (housewives)	£5.30



more  
in our  
N catalogue

**N Scale**  
Cub Camp £5.60  
Chickens £3.30, Childrens  
Playground £8.90



Painted AA Box	£5.40	New Gibbet Crane (wall/floor mounted)	£4.50
Painted trackside relay boxes	£5.50	Air Compressor/Electricity Generator	£6.70
Painted War Memorial	£6.20	4 pallets & hydraulic pallet truck	£4.30
Painted 2 Plain Horses (unharnessed)	£6.10	Beehives and bee-keepers	£4.50
Painted Loco Crew	£4.10	6 Bulk Building Bags	£3.80
Painted Swans & Ducks x 4 each	£6.60	Band Stand	£9.60
Painted Washing Line & Figure	£7.20	Air Con Cabinets (2 wall, 4 floor)	£3.50
Painted Wild Animals	£7.10	6 Assorted Rock Climbers	£4.80
Painted 4 Assorted Seagulls x 8	£6.60	4 Assorted Highland Cattle	£4.40
Painted Dogs 6 off	£6.60	6 Assorted Firemen in action poses	£4.60
Painted 6 x Pigs	£6.20	6 Trawlermen/Fisherman Figures	£4.40
Painted Sheep 8 off	£6.70	3 Assorted Donkeys (unharnessed)	£3.70
Painted Chickens 10 off	£6.70	3 Beach Donkeys and Children	£4.40
Painted Funeral Scene	£9.50	Beach Set (figures and equipment)	£5.60
Painted Wedding Scene	£18.50	8 Guards Marching	£5.00
Painted Assorted Gnome	£27.30	Guards Colour Party (Flags) (5 figs)	£3.80
Painted Church Notice board & crucifix	£7.60	Guards Marching Band	£5.40
Painted Lrg Wooden (Oak) Barrels x4	£6.20	Cub/Scout Camp Set	£5.60
Painted Flower tubs and water butt	£7.70	6 Assorted Cats	£3.10
Painted Welding Figures & Equipment	£8.90	2 x Pub Table/bench (real wood)	£3.80
Painted Relaxed Loco Crew	£4.10	Church Stained Glass Windows/Spire	£6.30
Painted 4 Pallets and pallet truck	£8.70	6 Seated Passengers/Figures. Set 1	£4.20

## MORLEY CONTROLLERS

Experience the ultimate in controller technology!

### VANGUARD ZERO ONE

- 2 x 5mtr hand held controllers
- 1 x 12V DC accessory
- 0 gauge

**£120**

PLUS £6.90 P&P



### VESTA ZERO TWO

- 2 x 2.5mtr hand held controllers
- 1 x 12V DC accessory
- N gauge

**£75**

PLUS £4.80 P&P



### VECTOR ZERO TWO

- 2 x 2.5mtr hand held controllers
- 1 x 12V DC accessory
- 00/HO/N/009 gauge

**£75**

PLUS £4.80 P&P



### VORTRAK ZERO TWO

- 2 x 5mtr hand held controllers
- 00/HO/N/009 gauge (1 amp per track)
- 2 x 12V DC accessories

**£135**

PLUS £6.90 P&P



Each controller has state-of-the-art design, offering very best performance capability. Slow and fast speeds are superb. Internal separate transformers for each track from 220/240 AC mains and on-board CDU for point motors.

www.morleycontrollers.com

(Secure order site)

01704 533 116  
(Overseas enquiries +44 1704 533 116)

jet@morleycontrollers.com



PO Box 501, Southport, PR9 9ZL  
Also at PO Box 1230, Wangara BC, Perth, Western Australia 947  
Tel: 0421 359 487. http://aus.morleycontrollers.com





# **0 GAUGE**

## **OPEN WAGONS**

Both BR EX LIONHEART & Dapol private owner  
ALL £37.50



EX LIONHEART VANS £42.50



## **COACHES EX LIONHEART**

GW & B R B set 2 car £399.00  
GW & B R 4 car B set £699.00



Single composite carriages £225.00



# **Pennine Models at Haworth**

## **NOW STOCKING**

Gaugemaster Controls Dc & DCC  
and Accessories  
Roco & Peco 009 & HOe -  
Locos, wagons, track etc



West Yorkshire Area Buses £11 each  
or 5 different ones post free

Huge range of Hornby products all at  
discount prices. If you are looking for  
something try us first.

## **A LARGE VARIETY OF NEW PLASTIC KITS, MANY NOW SOUGHT AFTER**

Also paints, glue, K&S metals,  
Evergreen, Balsawood etc.

Everything in shop to make a trainset  
into a model railway.

Wednesday to Sunday 11am-5pm



33/35 Mill Hey, Haworth, Keighley BD22 8NQ

Tel. 01535 642367

penninemodels@gmail.com

# **DAPOL 0 GAUGE TANK WAGONS**



## **CLASS A (SILVER/GREY)**

058 001 ESSO, 002 Shell BP 003 Regent  
004 Shell Motor Spirit 005 Lobitos

## **CLASS B BLACK**

059 001 Shell BP, 002 Esso, 003 Shell BP,  
004 Esso, 005 Berry Wiggins ALL £42.50

## **CLASS 68**

Scotrail Daring 68006, Vallant 68007 £135  
Chiltern 68010 & 68014 £135

Large range of 4 wheel wagons at discount prices



Complete range of Peco Track, G, 0, 00, N GAUGES  
Tillig Elite Track in 00/HO & 009/HOe  
& Interlaced HO/HOe



Full range of Gaugemaster controllers  
at mega discount prices

Full range of Hornby track at discount prices

• REPAIRS DONE • CUSTOMERS WANTED!... With an eye for a bargain • DCC DECODERS FITTED •

# **WANTED**

## **MODEL RAILWAY & COLLECTABLES**

### **Top Prices Paid**

For all makes, all gauges and scales, steam,  
aeroplanes, die cast etc.

# **SHOP OPENING SOON**

### **Instant cash paid**

Will travel to collect



## **01778 420 066**

## **07723 336344**

email: [dbmodels@live.com](mailto:dbmodels@live.com)

Unit 3 The Arena, Roman Bank, Bourne, Lincolnshire, PE10 9LQ



BRITISH RAILWAY  
**STATION TOTEMS**  
we've put them back on the map!  
Create your own personalised totem

Where will your journey take you...?

**www.offtherailsigns.co.uk**

Tel: 01903 751700  
Email: info@rga.uk.com

# PETER'S SPARES

## MODEL RAILWAYS LIMITED

### MAIL ORDER & REPAIR SPECIALISTS

- ♦ New & Used Hornby Spare Parts
- ♦ Our own spare parts made in China
- ♦ Locomotives and Rolling Stock
- ♦ Plastic Kits, Paints, Tools & Glues
- ♦ Digital Decoders & Controllers
- ♦ Locomotive Detailing parts
- ♦ Mega Steam Smoke Fluid
- ♦ Tracks & Train Sets
- ♦ We have it all at Peters Spares

## NEED HORNBY SPARES?

Talk to Peter's Spares  
Over 2000 Different Hornby Spares  
in Stock

## DON'T FORGET WE SELL:

Locomotives, Rolling Stock, Scenics  
and much more!

**HORNBY** **BACHMANN** **BRANCH LINE**

## NEW & USED MODEL RAILWAYS

Specialists in Model Trains since 1994 - Servicing, Repairs & DCC Decoder Fitting  
21 Brighthouse Business Village, Riverside Park, Middlesbrough, Cleveland TS2 1RT

**PECO** **GRAHAM FARISH** **dapol** **HELJAN** **GAUGEMASTER**

**Tel: 01642 909794**  
Open Mon-Sat 10am-5pm  
**Web: www.petersspares.com**  
Email: sales@petersspares.com

## Olivia's Trains of Sheffield

'OO' Gauge UK DCC Sound Specialists. **HORNBY** 25a Mansfield Rd, Intake, S12 2AE  
Extensive UK sound library utilising the Loksound decoders.  
DCC/ Sound Fitting Whilst You Wait.

Heljan Class 58's Available Now.

Bachmann Class 66 111 Available Now!

Heljan EM2 Class 77 / EM1 Class 76 - Available Now.

Heljan "Falcon" 4 Versions. Heljan "Kestrel" Available Now.

Dapol Class 73's Available Now.

Coming 2016 - Class 73 In EW&S, Fragonset & Network Rail.  
pre-order now!

For More details on the above & all our stock visit:

**www.oliviastrains.com**

Tel: 0114 3216 160 Tel: 0114 2647 449 Mob: 0755 7126 651  
e-mail: oliviastrains@blueyonder.co.uk **HELJAN**

# ROXLEY MODELS

## SURREY'S SPECIALIST MODEL SHOP

DCC Doctor

DCC Chips & Digital Sound Installations.  
Expert friendly advice.  
Repairs & Second-Hand Railway Available.

**WOODLAND SCENICS** **METCALFE** **HORNBY**  
**BACHMANN** **PECO** **STREAMLINE** **GAUGEMASTER**  
**HELJAN** **FLEISCHMANN** **GRAHAM FARISH** **by BACHMANN**  
**dapol** **NOCH**

Telephone: 01372 452976  
Website: www.roxleymodels.co.uk  
Email: enquiries@roxleymodels.co.uk

Address: 4 Beckley Parade, Leatherhead Road, Great Bookham, Surrey, KT23 4RQ  
Opening Hours: Mon-Fri (9.30-17.00, Thurs till 20.00), Sat (10.15-17.00), Sun (Closed)



## HARBURN HAMLET

OO / HO  
Acclaimed Accessories

Discover the full fantastic selection of individually designed models for 'OO' in the Country & Garden, Freight & Lineside, Station & Street and Quayside collections. Head to Harburns: [www.harburns.co.uk](http://www.harburns.co.uk)

**Add Harburn Hamlet Accessories**  
**Ready Coloured for Instant Use**

**'OO' size**

CG251 CG250 CG252 CG253 CG232 CG233 CG224 CG238 CG257 CG235 CG234 CG236 CG230 CG229

CG224 Pigeon loft ..... £10.50	HN625	HN635	<b>'N' New oil/chemical drums</b>
CG230 Animal shelters (2) ..... £9.99	HN608	HN640	
CG232 Anderson shelter, brick ..... £9.99	HN604	HN605	HN645
CG233 Anderson shelter, wood ..... £9.99	HN606	HN606	HN646
CG234 Small shed, slope roof ..... £9.99	HN600 Large sacks	HN601	HN647
CG236 Large shed, pitch roof ..... £9.99	HN601 Barrels stacked	HN602	HN648
CG238 Hen House ..... £10.95	HN602 Pipes on pallets	HN603	
CG239 Beekeeping scene ..... £18.95	HN603 Flower bed/trees	HN604	
CG250 Vegetable patch ..... £14.50	HN604 Covered load	HN605	
CG251 Soft fruit plot ..... £16.95	HN605 Part covered load	HN606	
CG252 Allotment with shed ..... £17.95	HN606 Wooden crates	HN608	
CG253 Allotment with hut ..... £17.95	HN608 Coal sacks (2)	HN613	
CG257 Allotment with clothes ..... £17.95	HN613 Flower bed		

**Harburn Hobbies, 67 Elm Row, Edinburgh EH7 4AQ**  
**0131 556 3233** [www.harburns.co.uk](http://www.harburns.co.uk)

## Vectis

AUCTIONS LTD  
COLLECTABLE TOY SPECIALISTS

# Friday 21st July 2017

**Model Train Sale - 10.30am, Thornaby Auction Rooms**  
**Includes a Collection of Wrenn Hornby Dublo & The A4's of The Great Goodbye**  
 Tel: Thornaby **01642 750616** - Oxford office **01993 709424**  
[www.vectis.co.uk](http://www.vectis.co.uk) :: [admin@vectis.co.uk](mailto:admin@vectis.co.uk)

**Vectis Auctions, Fleck Way, Thornaby, Stockton-on-Tees, TS17 9JZ**  
 Oxford Office, Unit 5A, West End Industrial Estate, Witney, Oxon, OX28 1UB

**Constantly Achieving Excellent Prices**

# AN EXCITING NEW SERIES OF BOOKS

**BOOK 1**  
**WHITANCO, BURNETT, CHAD VALLEY, PALITOY.**  
**£18.00 + £3.50 P&P**  
*Practically sold out!*

• A4 Landscape • 132 pages • 210 pictures

**Collectors Gazette Review**  
 "This first book - is an absolute delight. You are unlikely to find a more thorough guide. His editorial is exceptionally informative. This is an absolute joy."

**Railway Modeller Review**  
 "The book is well illustrated with contemporary advertisements and models from the author's extensive collection."

**BOOK 2**  
**DUNHAM WHITE & BETAL, BRITISH MARX & WELLS**  
**£18.00 + £3.50 P&P**  
*Copies still available!*

• A4 Landscape • 144 pages • 230 pictures

**Bassett-Lowke Society Newsletter**  
 "This is another well produced and researched book with excellent photographs and reproduction by Michael Bowes."

**Trains Collectors Society Newsletter**  
 "You are in for a real treat, and the mouth-watering photography alone makes the book worth buying."

**BOOK 3**  
**BRIMTOY & WELLS-BRIMTOY.**  
**£24.00 + £3.50 P&P**  
*Just released!*

• A4 Landscape • 209 pages • 450 pictures

**Collectors Gazette Review**  
 "If you are a collector wanting to add to your knowledge or just fancy looking at some beautiful photography, then this ongoing series is for you."

**BOOK 4 WILL BE PUBLISHED IN MAY 2018**

Available from: Michael Foster, Marldon Cottage, Manor Road, Ullesthorpe, Nr. Lutterworth, Leics. LE17 5BN  
 Tel: **07979 241406** • Email: [mdfoster@hotmail.co.uk](mailto:mdfoster@hotmail.co.uk)



SouthWest  
**digital**

Distributor  
for the UK

ESU  
Trade welcome

**As real as it gets!**



Photos: Chris Perkins

ALL products come with a 2 year warranty and FREE return postage  
New YouTube channel, see website for details

Close your eyes and  
you're there!

**UDRIVE**  
responsive sound algorithm  
The highest quality sounds in all  
gauges. A wide range of responsive  
steam and diesel sounds developed  
for the all new **UDRIVE**



Crystal clear digital sound  
Test drive the latest loco sounds with  
stunning clarity at SWD – call now for  
more info

T: 01934 515382 info@swd4esu.co.uk  
www.southwestdigital.co.uk

**'TEA'**  
You only get an 'OO' with  
**Revolution**  
trains

Available upon release from  
**C&M Models**

1 Crosby Street  
Carlisle CA1 1DQ  
Tel: 01228 514689

Web: www.candmmodels.co.uk  
E-mail: sales@candmmodels.co.uk

Models shown are 'N' gauge  
except for Fay.



**CM3MODELS**

Call: 07766 697708

**LAYOUT BUILDING SUPPLIES**

Seafoam trees, Foliage / Lichen and Scatters  
25 & 50mm Rubberised Horsehair  
Teddy Bear Fur for grass and embankments  
Plaster Bandage  
LaisDcc Decoders  
Wire, Connectors, Switches for both DCC & Conventional wiring  
Modelling Card compatible with Scalescenes Kits  
Styrene / Brass tubes & sections

**LaisDcc  
Chips**

**NEW  
Scatters  
Range**

**www.cm3models.co.uk**  
Email: sales@cm3models.co.uk



We support [www.hornby.org](http://www.hornby.org)

122

WEST S Faversham, Kent, ME13 7JB

THE HOBBY SHOP  
Est. 1988  
Tel: 01795 531656  
www.hobb-e-mail.com

SMS Text no. 07889 818727



**EXCLUSIVE**  
N gauge  
Shepherd  
Neame  
van No.1  
from Peco  
in stock  
NOW

**BACHMANN**  
BRANCH-LINE

**PECO**

**HORNBY**

**PLASTIC**  
**RATIO**  
MODELS

**OXFORD**  
RAIL

**BUSCH**

**dapol**  
Model Railway Company

**HELJAN**

**sundeala.co.uk**

**WILLS-KITS**

**herpa**

and much more...

Opening hours: Tuesday to Saturday 9.30 am to 5.00 pm

TRY OUR SAME-DAY DESPATCH MAIL ORDER SERVICE.  
ALL MAJOR CREDIT/DEBIT CARDS ACCEPTED.

**World of Model Railways**  
**MEVAGISSEY - Cornwall**

**£1 off per person with this advert**  
**Under 5s go free - see Hornby Thomas!**



**Permanent exhibition & model shop**  
**Operating Sundays to Fridays**  
**till 1st October, 10 a.m. to 5 p.m.**  
**Last entries ½ hour before closing time**  
**SATNAV for main village car park: PL26 6SB**  
**www.model-railway.co.uk**  
**Meadow Street, Mevagissey, St. Austell, Cornwall, PL26 6UL**



# DCC Supplies

Excellence in model control

E-Mail: [info@dccsupplies.com](mailto:info@dccsupplies.com) Website: [www.dccsupplies.com](http://www.dccsupplies.com)  
Telephone: 0845 224 1601 OR 01905 621 999

- We take the time to find the product for you.
- Our own range of innovative products.
  - We stock everything you will need.
  - DCC installations for any gauge.
  - Expert friendly customer support.
  - Informative DCC workshops.
  - Teaching you the facts since 2006.
- Visit us at our shop and try the demo facilities.

## Shop Opening Times:

Mon - Wed 10am - 6pm  
Thursday 12pm - 6pm  
Friday 10am - 5pm  
Saturday 10am - 4pm  
Visitors Welcome.



The  
Complete  
Digital  
Service



## Phone Opening Times:

Mon - Thurs 10am - 6pm  
Friday 10am - 5pm

Unit 17A, Top Barn Business Centre, Holt Heath, Worcestershire, WR6 6NH

# Model events at Locomotion

The National Railways Museum, Shildon DL4 1PQ  
10.00am to 5.00pm

Products  
at Prices  
Not to be  
Missed!



**MODEL MANIA -  
August 5th & 6th, 2017**

**STEAM GALA -  
September 16th & 17th, 2017**

**MODEL RAILWAY EX. -  
October 7th & 8th, 2017**

Nearest Railways Station - Shildon 100 yds. On Arriva Bus Routes  
Café • Disabled Access • Entry by Donation • Free Parking

**Diecast Model Railways Collectables**

For event and trading information

Contact: Stuart 01535 642367 or Laurence 07966 333605

Promoted by Tri-angman and Pennine Models on behalf of Locomotion

# SAS

Est. 1991

[specialauctionservices.com](http://specialauctionservices.com)



**Express Trains 3 August  
Express Trains 16 November  
Trains Galore 13 & 14 December**

With more than ten auctions a year,  
our sales of this type are the largest  
in the UK.

For further information on our auctions,  
to consign or to get a valuation,  
please contact:

Hugo Marsh, Bob Leggett or Graham Bilbe  
on +44 (0)1635 580595  
or [hugo@specialauctionservices.com](mailto:hugo@specialauctionservices.com)

**81 Greenham Business Park,  
Newbury RG19 6HW**

*We are proud to sponsor  
the Brighton Toy and Model Museum  
[www.brightontoymuseum.co.uk](http://www.brightontoymuseum.co.uk)*



# Durham Trains of Stanley



*"more than just a model shop"*

Opening hours: Mon 09.30-17.00, Tue 09.30-17.00 Wed Closed,  
Thu 11.00-19.00, Fri 09.30-17.00, Sat 09.30-17.00, Sun Closed  
6 Station Road, Stanley, Co. Durham, DH9 0JL  
Tel: 01207 232545  
www.durhamtrainsofstanley.co.uk  
Email: sales@durhamtrainsofstanley.co.uk

# Plastruct



Please ask your model shop for genuine Plastruct fineline Styrene structural shapes.

Range contains over 70 shapes including: Angles, I-Beams, Channels, Columns, Deep Channels, Tees and Z Sections, Round, Rectangular and Square Tubing, Plastic Strips and Sheetting, Scale Ladders, Stairs and Railings, Open Web Trusses.

Essential for all scratch model makers.

www.plastruct.co.uk

# www.expressmodels.co.uk

## LIGHTING SPECIALISTS

The light at the end of the tunnel could be one of our high intensity headlights fitted to your loco.

We manufacture head and tail lights and coach lighting units for DCC and DC operation. We also make red or yellow oil type lamps for steam locos and flashing tail lights for coaches/wagons.

Why not save on postage and buy your smoke generators and decoders from us at the same time? Visit our website which has secure online shopping.

**EXPRESS MODELS, 65 CONWAY DRIVE, SHEPshed, LOUGHBOROUGH, LEICS. LE12 9PP**  
Tel: 01509 829008 Fax: 01509 560878  
Email: express.models@ntlworld.com

# FLAIR RAIL

## STOCKISTS OF MODEL RAILWAY EQUIPMENT

## SECONDHAND BOUGHT AND SOLD

FIND US ON FACEBOOK   
WWW.FLAIR-RAIL.CO.UK  
FLAIR RAIL, UNIT 7, SPRINGFIELDS, NURSERY ESTATE, BURNHAM ON CROUCH. CMO 8TA  
T: 01621 786198  
E: ROGER@FLAIR-RAIL.CO.UK  
OPEN: MONDAY TO FRIDAY 10.00 - 4.00  
SATURDAY 10.00 - 3.00

# MODEL RAILWAYS

## GAS CUPBOARD MODELS



**If only...**

Cheaters Party ☐  
Model Railway party ☒  
Liars Party ☐

Gas Cupboard Models  
6 St Georges Works, Silver Street, TROWBRIDGE. BA14 8AA  
01225 777888

# Realistic GHOST SIGNS

in miniature for your MODEL RAILWAY



AS SEEN ON BBC

NOW AVAILABLE ON PAPER AND WATER SLIDE TRANSFERS IN BOTH OO AND N GAUGE

**GHOST-SIGNS.COM**  
NOT ONLINE? CALL 07970 977 628 FOR AN ILLUSTRATED PRICE LIST

# GOLDEN VALLEY HOBBIES

## www.GoldenValleyHobbies.com

## THE NEW JANUS DIESEL IS ARRIVING!

GV2012	NCB Janus 0-6-0 Diesel
GV2012	NCB Janus with DCC ESU Sound Fitted
GV6012	3 pack NCB 7 plank open coal wagon
GVCOAL	3 pack wagon filler and real coal load - kit




**RELEASING JULY - ONLY 90 LEFT!**

Coal & 3 Wagon Filler Included

See our website for stockists or to order. Trade Enquiries welcome. 01981 241237  
GVH, Unit 1, Pontrilas Business Park, Pontrilas, Hereford HR2 0AZ

# HORNBY

## magazine

To advertise here please call:  
**Elizabeth Ridge or Hollie Keeling**  
**01780 755131**  
Email:  
elizabeth.ridge@keypublishing.com  
hollie.keeling@keypublishing.com



# HORNBY magazine

## TO PLACE AN ADVERTISEMENT PLEASE CONTACT:

- ADVERTISING MANAGER: SARAH JARMAN  
Email: [sarah.jarman@keypublishing.com](mailto:sarah.jarman@keypublishing.com)
- SALES EXECUTIVE: ELIZABETH RIDGE  
Email: [elizabeth.ridge@keypublishing.com](mailto:elizabeth.ridge@keypublishing.com)
- SALES EXECUTIVE: HOLLIE KEELING  
Email: [hollie.keeling@keypublishing.com](mailto:hollie.keeling@keypublishing.com)

**CALL**  
**01780**  
**755131**

## ADVERTISERS INDEX

4D Modelshop Ltd	132	Locomotion	136
4Ground trackside	132	Mac's Model Railroading	142
A C Models	132	Megapoints controllers	133
ADM Turntables	135	Mercian Models	140
Air Framed	140	Meridienne Exhibitions Ltd	41
Alton Model Centre	140	Metcalfe Models & Toys Ltd 126 & 127	
Andy Lowe Electronics	133	Michael Foster	145
Anoraks Anonymous	101	Mike Pett	128
Aspire Gifts & Models	141	Model Rail Baseboards	142
Bachmann-Europe (W.Britain Ltd)	156	Model Railway Baseboards	128
Book Law Publications	139	Model Railway Solutions	128
Brimal Components	135	Model Railways Direct Ltd	93 & 103
C & L Finescale Track building		Monk Bar Model Shop	128
System	137	Morley Controllers	142
C & M Models	146	Morris Models	128
Church Street Models	135	New Modellers Shop Ltd	133
Classic Rail	137	Off The Rails Online	144
Cm3models	146	Olivias Trains	144
CR Signals	141	Osborn's Models Ltd	141
Culcheth model Railways	141	Parkside Electronics	129
Dapol Ltd	155	Parkwood Arts Ltd	129
DB Models	143	Peedie Models	129
DCC Fitting Ltd	137	Pennine Models	143 & 147
DCC Supplies Ltd	147	Perseverance Engineering	129
Devon Railway Centre	138	Peters Spares Model Railways Ltd	144
Digitrains Ltd	15	Pooleys Puffers	129
Durham Trains of Stanley	148	Rails of Sheffield	84 - 87
Elite Baseboards	138	Ron Lines	151
Ellis Clark Trains	135	Roxey Mouldings	129
EMA Model Supplies	148	Roxley Models	144
Express Models	148	Sankey Scenics	140
Flair Rail	148	Scale Model Scenery Ltd	129
Fox Transfers Limited	138	Scale Scenes	129
Gas Cupboard Models	148	South West Digital Ltd	146
Gaugemaster Controls Plc	16 & 17	Special Auction Services	147
GFB Designs (Signatrak)	138	Squires Model and Craft Tools	153
Ghost-Signs.com	148	Steam Museum of the Great Western	
Golden Valley Hobbies	148	Railway	41
GraphicAir	137	Strawberry Line Miniature Railway	149
Great Central (Nottingham) Ltd.	41	Test Valley Models Ltd	149
Grimy Times	140	The Collectors Cellar	128
Harburn Hobbies	145	The Hobby Shop	146
Hatton's Model Railways	114 - 123	The Junction Box	136
Heathcote Electronics	124	TMC Direct	26 - 27
Hereford Model Centre	131	Tower Models	102
Hobby Rail	128	Train-Tech	133
Hornby Hobbies Ltd	2 & 3, 125	Vectis Auctions	145
John Dutfield	151	Warwick & Warwick	130
K & M Models	128	Waveney Valley MRC	149
Kernow Model Rail Centre	48 & 49	Wicor Models	149
KJB Models	40	World of Model Railways,	146
KS Laser Designs Ltd	134	York ModelMaking	132
Lacy Scott and Knight Auction Centre	140	YouChoos	124
Langley Models	142	Zimo Elektronik	6
Loco Boxes	128		

## Test Valley Models

Unit 404 The Commercial Centre, Picket Piece, Andover SP11 6RU

[testvalleymodels.com](http://testvalleymodels.com) • [testvalleymodels@gmail.com](mailto:testvalleymodels@gmail.com)

**01264 354885**



- Easy Access • Free Parking

We can also build baseboards, and will secure trainsets to a board, please call for prices.

Wed to Fri: 11am - 5pm • Sat: 9am - 5pm

**[www.wicormodels.com](http://www.wicormodels.com)**

7 West Street, Portchester, Hampshire PO16 9XB

Tel: 023 9235 1160

email: [mail@wicor-models.co.uk](mailto:mail@wicor-models.co.uk)

Stockists of a range of products from: Hornby, Bachmann, Dapol, Gaugemaster, Graham Farish, Parkside Dundas, Peco, Corgi, EFE, Oxford Diecast, Scalextric, Airfix, Humbrol, Expo Tools and many others.

**Tues to Sat 09:00 to 17:00 CLOSED Sun & Mon**

## Strawberry line Miniature Railway

Come and visit us at the West Country's longest ground level 5" gauge railway and ride behind our scale diesel and steam locomotives through the grounds of Avon Valley Country Park. There's much more to do as well



**Now Open: Tuesday-Sunday 10am to 5pm**  
(Open Mondays in school holidays and Bank Holidays)

Email: [info@strawberryminirail.co.uk](mailto:info@strawberryminirail.co.uk)  
Phone: 0117 9860124 Mobile: 07960 151286

Britannia House, Avon Valley Country Park,  
Pixash Lane, Keynsham, Bristol BS31 1TS

Make Tracks  
for

**SOUTHWOLD**

**MODEL RAILWAY EXHIBITION**

**Saint Felix School, IP18 6SD**

**Sat 5th (1000 - 1700) & Sun 6th (1000 - 1630) Aug 2017**

20 Layouts in the main scales and gauges, Traders, Demonstrators, etc

Live-steam including Train & Traction Engine rides

Light Refreshments, Free Car Parking,

Access for Wheelchairs to all exhibits

Charity Raffle supporting East Anglian Air Ambulance

& East Anglia's Children's Hospices

**Admission - Ages 18+ £7.00, 12 - 17 £3.00, Up to 11 Yrs - Free**



## ACCESSORIES

### Skytrex Model Railways

Unit 1 Charnwood Business Park, North Rd,  
Loughborough, Leics LE11 1LE  
tel: 01509 213789  
For OO Gauge  
[www.skytrexmodelrailways.com](http://www.skytrexmodelrailways.com)  
For O Gauge  
[www.ogauge.co.uk](http://www.ogauge.co.uk)  
Free subscription to newsletters!  
Details on websites

### P & D Marsh

Whitemetal kits, hand painted models and  
laser cut wooden structures in N & 00.  
Painted signals available in N and 00.  
Free price list available.

48 Elm High Road, Wisbech PE14 0DQ  
Tel: 07730 202270  
[www.pdmarshmodels.com](http://www.pdmarshmodels.com)



## DISPLAY/LAYOUTS

### Model Layout Services

Layout Building - Custom Buildings  
Bespoke Baseboards - Scenery  
[www.modellayoutservices.co.uk](http://www.modellayoutservices.co.uk)  
Tel: 01337 830007

## DISPLAY/LAYOUTS

### BOXFILE DIORAMAS

Tel: 01689 855074 Mob: 07956 086767 E-mail: [chrisue@btinternet.com](mailto:chrisue@btinternet.com)  
"Displays and Layouts"

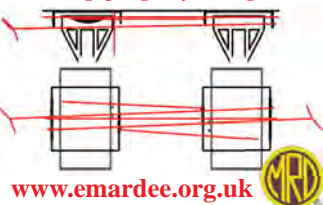
Chris White runs a home based business constructing small scenic displays and working  
layouts, in all the popular scales. The 'N' gauge layouts can be made to fit into boxfiles,  
and oblong plastic storage boxes. Chris can carry out scenery restoration work to existing  
railway layouts in any scale and can also do commissions to build layouts and displays.

### Platform 3 Models

Layouts designed and built From  
N to Garden railways based  
in the south west  
All loco Servicing & Repairs and  
DCC decoder installation  
for N & OO

Contact **Tom Hussey**  
Tel: 07811 903231  
Email:  
[platform3models@hotmail.co.uk](mailto:platform3models@hotmail.co.uk)  
Web: [platform3models.co.uk](http://platform3models.co.uk)

Use any one of our 6 designs of  
W-irons with suspension plates,  
assembled with the re-usable jig, to fit  
working springs to your wagons...



[www.emardee.org.uk](http://www.emardee.org.uk)

## BOOKS

### NICK TOZER

RAILWAY BOOKS  
RAILWAY BOOKS BOUGHT & SOLD  
Free Railway Booksearch Service  
155 Church Street, Paddock, Huddersfield, HD1 4UJ  
SHOP: Tue/Wed 11:00-17:00 + Thur 14:00-20:00  
[www.railwaybook.com](http://www.railwaybook.com) [nick@railwaybook.com](mailto:nick@railwaybook.com)  
Tel: 01484 518159

### Dereks Transport Books

[www.derekstransportbooks.com](http://www.derekstransportbooks.com)  
[dereksbooks@btinternet.com](mailto:dereksbooks@btinternet.com)  
All transport subjects covered  
Established 1995 Ringwood

## EVENTS

**NEWTON ABBOT TRAINS & TOY  
FAIR**, Sunday August 6th 2017,  
at Newton Abbot, The Racecourse,  
Devon TQ12 3AF 10.00am to  
3.30pm Admission £2.00  
120+ tables. Contact Ray Heard  
01823 480097 or email  
[rayheard66@btinternet.com](mailto:rayheard66@btinternet.com)



## INSURANCE SERVICES

Insurance for your  
Model Railway Collection  
from just **£67.20\*** per annum

\*Based on a sum insured of £13,000. Full Policy Terms & Conditions available online.

- Provides cover anywhere in  
the UK at any location (inc. in  
transit & whilst at an  
exhibition)

**magnet** For a Quote Call 01636 858249  
or visit [www.modelrailwayinsurance.co.uk](http://www.modelrailwayinsurance.co.uk)

Magnet Insurance Services Ltd. • Newark, Beaton, California Way,  
Beaton Hill, Newark, Notts, NG24 2TN  
Authorised and regulated by the Financial Conduct Authority



## KITS & COMPONENTS

### - 0 Gauge Kits -

**CONNOISSEUR MODELS**  
- Quality Etched & Cast Metal Kits -  
- Locos, Carriages & Wagons -  
[www.jimmcgeown.com](http://www.jimmcgeown.com)  
or Send S.A.E. For Printed Catalogue  
1 Newton Cottages, Nr Weobley, HR4 8QX

**EXTREME  
ETCHINGS**  
2 Upper Dunstead Road  
Langley Mill Nottingham  
NG16 4GR  
email: [brian@shawplan.com](mailto:brian@shawplan.com)  
Specialist suppliers of the finest quality  
nameplates and detailing components  
for the Diesel and Electric era  
in 2, 4 and 7mm scales.  
01773 718648  
[www.shawplan.com](http://www.shawplan.com)

**3DK** Downloadable Model  
Railway Card Kits  
[www.3dk.ca](http://www.3dk.ca)

**SEPTEMBER**  
COPY DEADLINE: 21st July  
ON SALE: 10th August

### BRANCH LINES

Mashima, Hanazono, Canon motors.  
Gears, gearboxes, bearings, drive  
shafts, wheels, crankpins, etc.  
Black Beetle, Tenshodo motor bogies  
4mm loco and chassis kits and detailing  
parts and accessories.  
4 and 7mm narrow gauge loco,  
coach and wagon kits, chopper  
couplings  
4mm etched coach and PBV kits  
(MR/LMS, LBSCR, SECR, SR, TVR)  
7mm Ford T Railbus, coach kits.

P.O. BOX, WESTBURY, BA13 9AA  
Tel/Fax: 01373 822231  
E-mail: [sales@branchlines.com](mailto:sales@branchlines.com)

Catalogues: e-mail or SSAE + £1 in stamps or  
£2.50 C/card and PLEASE STATE INTERESTS

**ISING GLASS**  
LNER scale  
drawings  
Over 500 drawings of  
Locos, coaches &  
vans, available in scales  
from 4mm.  
3D Printing? Visit Isingglass at an  
exhibition to find out more.  
[www.isingglass-models.co.uk](http://www.isingglass-models.co.uk)  
27 Grange Road, Toddington  
LU5 6BZ  
[isingglass@edgson.net](mailto:isingglass@edgson.net)

### Wizard Models



Over 2,200 kits and parts mainly in 4 & 7mm scales covering:  
semaphore signalling; Sprat & Winkle and D.G. autocouplings;  
51L and Comet locomotive, carriage and wagon kits and components.

Order on line at [www.wizardmodels.co.uk](http://www.wizardmodels.co.uk)

UK P&P: £3.90 per order, overseas at cost, price list 5x1st class stamps.  
24hr Phone 01652 635885 Mobile 0778 894 0312

Wizard Models Limited, PO Box 70, Barton upon Humber DN18 5XY

## DCC & ACCESSORIES

# Taunton Controls Ltd.

TEST DRIVE THE 611 DCC Controller  
HELPLINE 01823 327155

Open 9am to 9pm closed WEDNESDAYS  
Website - [www.tauntoncontrols.co.uk](http://www.tauntoncontrols.co.uk)



611 DCC unit can be used with N gauge up to G, has  
28 functions, 300 routes, simple 4 digit numbering,  
built in computer interface, and is NMRA compatible  
Designed and built in the UK.





## MODEL RAIL SHOW

**Pennine Model Railway Society**  
**25th MODEL RAILWAY SHOW**  
**SATURDAY 5 AUGUST 2017**  
10.00 to 17.00

St Phillips Community Centre  
Briarlyn Road, Birchcliffe,  
HUDDERSFIELD, HD3 3NL

Admission:  
Adults £4.50 • Under 16 free

- 11 layouts - UK, European & American
- Trade support • Catering/refreshments
- Club stand

Contact: 07787 840672

## MODEL RAILWAY SHOPS

**Millennium Models**  
Hornby Bachmann Peco Gaugemaster  
New and Second Hand Stock  
Javis Dapol Metcalfe Corgi Oxford

67 Queen Street, Morley, Leeds  
LS27 8EB Tel: 0113 2189 286

**THE RAILWAY SHOP**  
33 Broad Street, Blaenavon, Torfaen NP4 9NF  
01495 792263

Bachmann - Hornby - Peco - Dapol - Wills  
Ratio - Gaugemaster - Kadec - Metcalfe - Heljan  
all at discount prices. Mail order welcome

**NEW • NEW • NEW**  
Basil Jayne - 7 Plank Wagon  
£10.25 + £2.85 p&p

**NEW • NEW • NEW**  
Open Weekdays: 10.30 - 5.00 • Sat: 10.30 - 4.00  
Profits support the Pontypool & Blaenavon Railway

**Maestro** Tel: 01933 355531  
**PayPal** Mobile: 07969 535 699

**H&A MODELS**  
19 Keats Way, Higham Ferrers,  
Northants. NN10 8DQ  
Email: sales@hamodels.net

**VISA** **MasterCard**

Coach & Wagon Kits, Wheels, Decals, Wagon Loads, Paint & Sundries  
Parkside Dundas, Cambrian, Genesis, Slaters & Ian Kirk 7mm, Dapol, Precision Paints, Kadec,  
Modelmaster & Old Time Workshop Decals, Labelle Oils, Alan Gibson & Romford Wheels

Order on line at: [www.hamodels.net](http://www.hamodels.net) or ring us (same day or next day despatch)  
Precision Paint - pre order and pick up at exhibitions (minimum two weeks notice)  
Exhibitions in August - Sat 19th Northampton Exhibition at Cogenhoe Village Hall NN7 1NB

**JOHN DUTFIELD CHELMSFORD**  
Wards Yard, 133 Springfield Park Road, Chelmsford, CM2 6EE  
PECO, HORNBY, BACHMANN, FARISH, DAPOL, HELJAN etc  
and lots more for the railway modeller.

Opening times: 9 till 5.30 Closed Weds Suns & Bank hols  
**Tel: 01245 494455**  
email: [heatherwilkinson@btconnect.com](mailto:heatherwilkinson@btconnect.com)  
[www.johndutfieldmodelrailways.co.uk](http://www.johndutfieldmodelrailways.co.uk)

**WALTONSMODELS.CO.UK**  
Where Will Your Hobby Take You Today?

Figures from £5.20

Peco Accessories from £2.75

Hornby DCC NMRA decoder only £13.75

Crosfield Chemicals  
Limited Edition  
3 x Wagons  
£29.95

info@waltonsmodels.co.uk 0161 928 5940  
30 Stamford Street, Altrincham, Cheshire, WA14 1EY

**HORNBY** **FARISH** **PECO** **FLEISCHMANN** **Roco**

## MODEL RAILWAY SHOPS

**JACKSONS MODELS**  
33 NEW STREET, WIGTON, CA7 9AL  
Tel: 01697 342 557

[www.jacksonsmodels.co.uk](http://www.jacksonsmodels.co.uk)  
Hornby, Bachmann, Peco, Dapol, Scenics,  
Javis, Woodland Scenics, Gaugemaster,  
Patronics, Wills, Ratio, Metcalfe, Superquick, etc.

Opening Times: Mon, Tues, Fri 9-5,  
Thurs 9-6, Sat 9-1, Closed Wed & Sun

**Addlestone Models**  
The Shop with the stock  
Surrey's leading Discount Model Centre  
Open 7 days  
Mon - Sat 9.30 - 5.30 Sun 11 - 2  
130 Station Road, Addlestone,  
Surrey, KT15 2BE  
[www.addlestone-models.co.uk](http://www.addlestone-models.co.uk)  
01932 845440

**Haslington Models**  
134 Crewe Road Haslington CW11 5RQ  
Tel/Fax 01270 589079

Appointed Stockist of  
Hornby, Bachmann, Farish, Dapol,  
Vi-Trains, Peco, Gaugemaster, Heljan,  
Metcalfe, Ratio, Wills etc

Thursday/Friday/Saturday only  
10.00 until 16.00

To advertise please contact:  
**ELIZABETH RIDGE**  
[elizabeth.ridge@keypublishing.com](mailto:elizabeth.ridge@keypublishing.com)

**HOLLIE KEELING**  
[hollie.keeling@keypublishing.com](mailto:hollie.keeling@keypublishing.com)

**CALL: 01780 755131**

**Redcar Models & Hobbies**  
130 High Street,  
Redcar, Cleveland

Stocking a wide range of 'OO'  
railways by Bachmann, Hornby,  
Peco and Gaugemaster

Tel: 01642 494 912  
[sales@redcarmodels.co.uk](mailto:sales@redcarmodels.co.uk)

**MODEL MANIA**  
All leading brands stocked  
Mail order service  
13 Clouds Hill Road, St. Georges,  
Bristol BS57LD  
Open Tues - Fri 09.30 - 17.00, Sat 09.00 - 17.00

**Tel: 0117 9559819**  
email: [modelmaniaemail@aol.com](mailto:modelmaniaemail@aol.com)

**HORNBY - PECO - BACHMANN - FARISH**  
**CORGI - OXFORD - EFE - AIRFIX etc**  
**NEW & SECONDHAND RAILWAYS & DIECAST**  
**WARHAMMER**  
Scalextric

**MANKIN MODELS**  
213 Shrub End Road, Colchester, Essex CO3 4RN  
Tel: 01206 574929

Sorry no lists **AMPLE PARKING**

**HIGH LANE MODEL RAILWAYS**  
Stockport Indoor Market, Market Place, Stockport, SK1 1ES  
Email: [info@highlanemodelrailways.co.uk](mailto:info@highlanemodelrailways.co.uk) Tel: 07955 362105

Stockist of • JAVIS • GAUGEMASTER • HORNBY  
New and Pre-owned Model Railways in gauges • OO/HO • N • O  
Also stock • Diecast cars • Buses • Track • Scenic accessories, paints and adhesives

Open: 9.00am till 4.30pm Tuesday, Thursday, Friday & Saturday

**AGR MODEL RAILWAY STORE**

**NOW buying your unwanted model railway collections**

**NOW STOCKING A WIDE SELECTION OF PRE-OWNED MODEL & NEW RAILWAY COLLECTIONS ONLINE & INSTORE**

[www.agrmodelrailwaystore.co.uk](http://www.agrmodelrailwaystore.co.uk)  
Monday - Friday 9am-5pm Saturday 9am-4pm

AGR Model Railway Store  
9 High Street Mews,  
28 High Street,  
Leighton Buzzard  
Bedfordshire, LU7 1EA  
01525 854788  
[sales@agrmodelrailwaystore.co.uk](mailto:sales@agrmodelrailwaystore.co.uk)

**RON LINES**

**LARGE STOCKS OF PRE-OWNED RAILWAYS, A SELECTION OF WHICH IS ON OUR WEBSITE.**

We stock new Hornby, Bachmann, Graham Farish, PECO, Expo Tools, Electrical components & much more!

We also purchase your unwanted railways, whether it's a single item or collection - anything considered.

Whether you're a novice or an expert we are always happy to help! So why not visit us today or give us a ring!

**Tel: 02380 772 681** **www.ronlines.com**  
342 Shirley Road, Southampton, SO15 3HJ  
Open: Mon to Fri 10am-5pm & Sat 9am-4pm



## MODEL RAILWAY SHOPS



**PAIGNTON  
MODEL SHOP**

Stockist of:  
Hornby, Bachmann, Peco,  
Woodland Scenics, Metcalfe,  
Superquick, Airfix, Scalextric, Ratio,  
Wills & Scenerama  
N Gauge stockist for Farish  
Loco Weathering Service Available  
**60 Hyde Road, Paignton,  
Devon TQ4 5BY**  
**Tel: 01803 555882**  
Email:  
paigntonmodels@hotmail.co.uk  
Website:  
www.paigntonmodelshop.com

**Crafty  
Hobbies**

South Cumbria's  
number one  
shop for model  
railways, crafts, and  
doll's houses.



www.crafty-hobbies.co.uk  
54 Cavendish Street,  
Barrow-in-Furness,  
T: 01229 820759

## MODEL SHOPS

**MODEL WORLD**

3 LONDON ROAD,  
NEWPORT PAGNELL,  
BUCKS MK16 0HA  
ONLY 1 MILE JNC14 M1  
Hornby, Bachmann, Peco etc.  
Tel: 01908 612983  
mickoxley@aol.com

To advertise please contact:  
**ELIZABETH RIDGE**  
elizabeth.ridge@keypublishing.com  
**HOLLIE KEELING**  
hollie.keeling@keypublishing.com  
**CALL: 01780 755131**

**THE MODEL SHOP**

Specialist Model Railway Stockist  
**4 St David's Hill, Exeter EX4 3RG**  
(Just off the old Iron Bridge)  
Now agents for **NCE DCC systems**  
www.trainsandtrack.co.uk  
Tel: 01392 421906  
shop open Tue/Sat 9.30-5.00pm  
Now taking orders for New Releases

**R&R Hobbies**  
3 Shoppers Walk, Swansea  
SA1 3AY  
Open Mon-Fri 10-5  
Sat 10-4.30  
Call: 01792 468749  
Stockists of N, OO & O Gauge,  
Hornby, Graham Farish, New  
& Secondhand

**Kent Garden Railways**

**16mm and G Scale Specialists**

LGB ♦ Bachmann ♦ Aristocraft ♦ Accucraft ♦ Peco ♦ Piko ♦ Pola ♦ Roundhouse etc  
OO and N from leading suppliers ♦ Hornby ♦ Bachmann ♦ Farish ♦ Heljan ♦ Peco  
66 High Street, St Mary Cray, Orpington, Kent, BR5 3NH Tel: 01689 891668  
Shop Open Mon - Sat 09.00 - 17.00 www.kgrmodels.com

**TRIDENT TRAINS**

No10, The Craft Arcade, Dagfields Craft Centre  
Crewe Road, Walsingham, Nantwich,  
Cheshire. CW5 7LG

www.tridenttrains.co.uk  
01270 842 400

We stock  
HORNBY-BACHMANN-GRAHAM FARISH-DAPOL OO & N  
PECO-RATIO-WILLS-RAILMATCH-PAINTS-HUMBROL  
PLASTIC-PAINTS-WOODLAND SCENIC-OXFORD DIECAST  
METCALFE OO & N-SUPERQUICK-TCS DECODERS-LENZ DCC  
GAUGEMASTER-TRACKSETTA OO & N + MUCH MORE.  
WEDNESDAY - SUNDAY 10.00 TIL 5.00

**EDDIE STOBART LTD**  
EXPRESS ROAD HAULAGE SPECIALIST

www.BestsModeller.co.uk  
0781 4751547

We at BESTSMODELLER sell all  
Die-Cast Models, Hornby, Lima,  
Bachmann Railways, Eddie Stobart  
products, Corgi Buses and have many  
other products to sell. You can also  
purchase online at our website.

**RHUDDLAN  
MODELS**

- Model Railways
- Games Workshop
- Die Cast Models  
Corgie - Dinky - Matchbox
- Plastic Kits  
Airfix - Revel - Etc

**NEW AND USED ITEMS  
BOUGHT AND SOLD**

HIGH ST, RHUDDLAN  
**01745 590048**  
www.rhuddlanmodels.co.uk

**ROCHESTER GAMES  
MODELS & RAILWAY**

All your wargaming, modelling  
and railway needs under  
**one roof**

**FREE  
PARKING**

Shop Open:  
Mon-Sat 10am to 6pm,  
Sun 10am to 4pm.  
Late night opening Tuesdays & Thursdays

21 Corporation Street, Rochester,  
Kent ME1 1NN  
Tel: 01634 815699  
Email: rochester-games-models@gmx.co.uk  
www.rochestergamesmodelsandrailway.co.uk

Visiting the Isle of Wight?

Two floors of  
locomotives, wagons, coaches, buildings,  
scenery, electrics, figures, cars and more!

N/OO9/HO/OO/Oa30/G

**UPSTAIRS DOWNSTAIRS**  
Pier Street - Sandown - PO36 8JR  
01983 406 616 - www.udiw.com

**The Model Shop**  
www.marketmodels.co.uk  
Trains, boats, planes,  
cars, vans, lorries  
Unit 7a Ground Floor  
The Octagon Centre  
New Street, Burton On Trent,  
Staffordshire, DE14 3TN  
07939544527  
Bob, Liz, Ashley

**THE MODEL SHOP**  
MON-SAT 9.00-5.30  
OPEN SUNDAYS 10.00-2.00

117 New Road, Portsmouth PO2 7QS  
Tel No. 023 9265 3100  
Email: modelshop117@gmail.com

**mike's models**  
- THE MODELLERS MODEL SHOP -  
Contact us on:  
3-5 Brockwell Rd, Birmingham B44 9PF  
01213 604 521  
Email: info@mikes-models.co.uk  
www.mikes-models.co.uk

Over 11,000 products  
in stock covering  
all aspects of model  
making.  
Great after sales  
support.  
From ready to go  
train sets to materials  
for your layout or  
anything in between.

**LORD AND BUTLER CARDIFF**

2000 sq ft model railway showroom CAFE & FREE PARKING



**LORD AND BUTLER**  
RAIL CENTRE

The Old Warehouse The Pumping Station  
Penarth Rd Cardiff CF118TT  
OPEN Mon - Sat 10-5.30 Sunday CLOSED  
029 2066 7225 info@lordandbutler.com lordandbutler.com

**Trains4U.com** 27 St. David's Square, Fengate,  
Peterborough, PE1 5QA  
Open Tues-Fri 9:30-5:00, Sat 9:00-5:00, Sunday 10:30-3:30, closed Monday  
Huge range of Models in N, OO & O. Used items bought & sold. Free parking

**CAVALEX OO PGA Hopper**  
Models Coming Soon  
Available to pre-order NOW £29.95 each  
Tel: 01733 895989 e-mail: Trains4U@BTConnect.com

**Wellingborough Trains & Models**  
www.wellingboroughtrains.co.uk

26 Market Street  
Wellingborough  
Northamptonshire  
NN8 1AN  
01933 274069  
sales@wellingboroughtrains.co.uk

Stockists of: Bachmann, Hornby, Peco, Gaugemaster,  
Humbrol, Airfix, Fisher-Price, Trackmaster,  
Woodland Scenics, Expo and many more.

Opening hours: Tues to Sat 9:30 am - 4pm. Closed Sun & Mon



## NAMEPLATES & ETCHING PAINTS

**247 DEVELOPMENTS**

**In July 2017**

**247 Developments is Moving & will be Closed for July**

**We will Re-open on August 1st 2017**

**The new Address will be as of**

**01/08/2017**

**247 Developments 2016**

**1 Pen Y Banc, Seven Sisters**

**Neath, SA10 9AB**

**01639 701583**

**Email: info@247developments.co.uk**

**Web Site 247developments.co.uk**

**PHOENIX PRECISION**

**PRECISION PAINTS & CHERRY PAINTS**

The Original and still the best

**CHURCHWARD MODELS**

**DMR Products**

Etched Brass Steam Locomotive Kits and Fittings

**Steam Locomotive Name and Number Plates.**

**& Kits and bits from**

**No Nonsense Kits**

www.phoenix-paints.co.uk sales@phoenix-paints.co.uk  
01268 730549

## ONLINE MODEL SHOP

14 Woodsage Drive, Gillingham, Dorset SP8 4UF

**RAILWAYSCENICS** **01747 826269**

Secure online ordering

Online model shop supplying a wide range of tools, scenics, materials, electrical parts and components. Kits and downloadable products to model railway enthusiasts.

**www.railwayscenics.com • sales@railwayscenics.com**

## TOY & TRAIN FAIRS

**NOTTINGHAM TOY & TRAIN FAIR,** Bluecoat Academy, NG8 5GY (on ring-road 1 mile north of Uni.) Saturday 19th August 10am-2pm, refreshments. Contact Malc: 07951 072790

**BRIDGNORTH TOYFAIRS,** Leisure Centre, High Town, Bridgnorth WV16 4ER. Monday 28th August 10.30am-3.00pm, £2.00 entry, Tony Oakes Fairs 01270 652773

**NEC BIRMINGHAM TOY & TRAIN FAIR,** Hall 18, National Exhibition Centre, Birmingham, B40 1NT. Sunday 20th August 2017 10.30am-3pm 550 stalls Adults £7 Seniors £6.50 Children £2 (Under 5's Free) FREE PARKING www.bpfaairs.com Tel 01604 846688

**STAFFORD SHOWGROUND TOY & TRAIN COLLECTORS FAIR** The Prestwood and Argyle Centres, Stafford Showground, Weston Road, Stafford ST18 0BD Sunday 13th August 2017 10.30am-3pm 280 stalls Adults £3.50 Seniors £3 Children £1 (under 5s Free) Free parking www.bpfaairs.com Tel: 01604 846688

**COVENTRY TOY & TRAIN FAIR,** The Connexion Leisure Club, Leamington Rd, Ryton-on-Dunsmore, Coventry, CV8 3FL Sunday 30th July 2017 10.30am-3pm more than 150 stalls Adults £3 Seniors £2.50 Children £1 (under 5s free) FREE PARKING www.bpfaairs.com Tel: 01604846688

## WANTED

**Tri-angman**

**Specialist in Model Railway**

Tri-ang, Hornby, Bachmann, Wrenn, Minic, etc

**BUY & SELL HARD TO FIND ITEMS & COLLECTABLES**

**Find me on www.tri-angman.co.uk**

**Tel: 07966 333605 Email: laurence@tri-angman.co.uk**

**To advertise contact:**

**ELIZABETH RIDGE - 01780 755131**  
elizabeth.ridge@keypublishing.com

**HOLLIE KEELING - 01780 755131**  
hollie.keeling@keypublishing.com

**SEPTEMBER ISSUE**

**COPY DEADLINE: 21st July • ON SALE: 10th August**

## SQUIRES MODEL & CRAFT TOOLS

100 London Rd, Bognor Regis, West Sussex PO21 1DD  
Tel: 01243 842424 Fax: 01243 842525  
Email: sales@squirestools.com www.squirestools.com  
Squires will be exhibiting at the following shows in 2017  
Diary updated as bookings are confirmed

**July 29/30 - North Shields RAILEX NORTH EAST,** John Spence Community High School, Preston Rd, North Shields. Tyne & Wear. NE29 9PU Saturday 10 - 5, Sunday 10 - 4.30.

**Aug 5/6 - SOUTHWOLD** Waveney Valley Model Railway Exhibition, Saint Felix School Southwold, IP18 6SD Sat 10 - 5pm Sun 10-4.30pm. \*\*Plenty of FREE Parking.\*\*

**Aug 12 - BEXHILL** Model Railway Exhibition, St. Richards Catholic College, Ashdown Road, Bexhill-on-Sea, East Sussex, TN40 1SE Sat 10-5. Plenty of FREE Parking on site.

**Aug 12/13 - SKIPTON** M/Railway Exh, Skipton Academy (Formerly Aireville School) Gargrave Rd, Skipton, BD23 1UQ, Sat 10-5, Sun 10-4. www.skiptonrailscoc.org.uk

**Sept 2/3 - TELFORD GUILDEX 2017,** O Gauge Exhibition & Trade Show, The Telford Exhibition Centre, St. Quentin Gate, Telford, TF3 4JH, Sat 10-5, Sun 10-4. **Coming to Telford??? - Why not try Sunday???**

**- the show is less busy - see more of the layouts AND a lot easier to get to our stand!!! :-)**

**Sept 9/10 - SWINDON** Model Railway Festival, STEAM, Museum of the Great Western Railway, Fire Fly Ave, Swindon, SN2 2EY Sat/Sun 10-5 Tel 01793 466646, Email enquiries: steammuseum@swindon.gov.uk

**Sept 23/24 - HALIFAX** M/Rail Exh, North Bridge Leisure Centre, Halifax, HX1 1XH. Sat/Sun 10 - 5.

**Sept 23/24 - WORTHING** Model Railway Exhibition, Durrington High School, The Boulevard, Durrington, Worthing, West Sussex. BN13 1LA Sat 10-5, Sun 10-4 \*Plenty of FREE Parking\*

**Oct 7/8 - SHILDON** Model Railway Exhibition, Locomotion Museum, Shildon DL4 1PQ Sat/Sun 10 - 5pm. \*Free Car Parking & Free Entry to Museum & Exhibition - Yes that's Free Entry!!!!\* :-)

**Oct 7/8 - FAREHAM** Fareham & District Model Railway Exhibition, Fareham Leisure Centre, Park Lane, Fareham, Hampshire, PO16 7JU. Saturday 10-5.30, Sunday 10.00 - 16.30.

**Oct 7/8 - FOLKESTONE** Folkestone, Hythe & District M/Railway Exh, The Leas Cliff Hall, Folkestone, Kent. CT20 2DZ. Sat 10-5.30, Sun 10-5.

**Oct 7/8 - SWANSEA** Model Railway Exhibition, Swansea Leisure Centre, Oystermouth Rd, Maritime Quarter, Swansea SA1 3ST Sat 10-5, Sun 10-4.

**Oct 14/15 - ALDERSHOT** Farnham Model Railway Club Exhibition, Connaught Leisure Centre, Tongham Road, Aldershot, Hants. GU12 4AS. Sat 10-5, Sun 10 - 4.30

**Oct 21 - CHICHESTER** M/Rail Ex, Boy's H/Sch, Kingsham Rd, Chichester, W.Sussex. PO19 8AE. 10-5.

**Oct 21/22 - UCKFIELD** M/Rail Ex, Uckfield Civic Centre, Uckfield. TN22 1AE Sat/Sun 10 - 5.

**Oct 28/29 - STOCKPORT** Hazel Grove & District Model Railway Society Exhibition, Hazel Grove Recreation Centre, Jacksons Lane, Hazel Grove, Stockport, Cheshire, SK7 5JX Sat 10 - 5, Sun 10-4.

**Oct 28/29 - LEEDS** The Leeds Model Railway Society, Model Railway Exhibition, The Grammar School, Alwoodley Gates, Harrogate Road, Leeds, LS17 8GS Sat 10-5, Sun 10-4.30

**Oct 28/29 - ABERDEEN** Model Railway Exhibition, Hallmark Hotel, Aberdeen Airport, Aberdeen, AB21 7DW Sat 10-5/Sun 10-4. \*\*New Venue - www.facebook.comAberdeenModelRailwayclub\*\*

**Nov 4 - HIGH WYCOMBE - WYCRAIL** 17 M/Rail Ex, Cressex Community Sch, Cressex Rd, High Wycombe, Bucks, HP12 4UD. Sat 10-5.

**Nov 4/5 - ANGMERING** W.Sussex Area Group N Gauge Society Model Railway Exh, The Angmering School, Greenwood Drive, Station Rd, Angmering, BN16 4HH, Sat 10-5 Sun 10-4 \*Now 2 Day Show

**Nov 11/12 - SPALDING** Model Railway Exhibition, Springfield's Event Centre, Camelgate, Spalding, PE12 6ET, Sat 10-5/Sun 9.30-4.30.

**Nov 11/12 - TELFORD IPMS SCALE MODEL WORLD 2017** The Telford Exhibition Centre, St. Quentin Gate, Telford, TF3 4JH, Sat 10 - 6, Sun 10 - 4.00 Free Entry for IPMS Members. **Coming to IPMS Telford? Why not try Sunday? The show is less busy AND a lot easier to get to our stand!!! :-)**

**Nov 18/19 - WORKINGTON** Model Rail Show, University of Cumbria, Energen Building, Blackwood Rd, Lillyhall Estate, Workington, Cumbria, CA14 4JW. Sat 10 - 5, Sun 10 - 4.

**Nov 25/26 - BIRMINGHAM** Warley National Model Railway Exhibition Hall 5, NEC Birmingham 40 1NT. Sat 9.45-6pm, Sun 9.45-5pm. \*\*50th Exhibition\*\* Advance Ticket Holders gain entry 9.15am both days.

**Coming to Warley? Why not come on the Sunday?? The show is much quieter - See more of the layouts - and it is a lot easier to get to our stand! Centre Piece Locomotive Attraction & Junior Modeller Sponsored by Squires**

## EXHIBITIONS & SHOWS IN 2018

**Jan 13/14 - BOGNOR REGIS** Model Railway Exhibition, Felpham Community College Felpham Way, Felpham, Bognor Regis, West Sussex PO22 8EL Sat 10-5, Sun 10-4.30 \*Plenty of Free Parking\*

**Jan 21 GUILDFORD** - Astolat Model Railway Exhibition, The Surrey Sports Park, University of Surrey, Richard Meyjes Road, Guildford, Surrey, GU2 7AD. Sunday 10-5. www.astolatmrc.co.uk

**Jan 27/28 KENDAL** M/Railway Exhibition Leisure Centre, Burton Rd, Kendal, LA9 7HX Sat/Sun 10-5

**Jan 28 BRISTOL** - Bristol 'O' Gauge Group Exhibition University of the West of England (UWE Bristol), Conference & Exhibition Centre, Filton Road, Bristol, BS34 8QZ. Sun 10 - 4.00pm.

**Feb 3/4 ALTON** - FebEx 2018 Alton Model Railway Group Exhibition Eggars School, Anstey Road, Alton, Hants, GU34 4EQ. Saturday 10.30 - 5. Sunday 10.30 - 4.00.

**Feb 18 - MANCHESTER ALSRM** O Gauge Show, Woodhouse Park Lifestyle Centre, Portway, Wythenshawe, Manchester, M22 1QW 10-4. Free Parking, Test Track, 16 'O' Gauge layouts. \*Free entry ALSRM Members\*

**Feb 23-25 GLASGOW** Model Rail Scotland Scottish Exhibition Centre, Glasgow, G3 8YW. Friday 10.30 - 6, Saturday 9.30 - 6, Sunday 9.30 - 5. www.modelrail-scotland.co.uk

**Mar 3/4 - PRESTON** Preston & District Model Railway Exhibition, Sports Hall, Preston College, St Vincents Road, Fulwood, Preston, Lancashire, PR2 8UR. Sat/Sun 10 - 5pm.

**Mar 10/11 - KEIGHLEY** Model Railway Exhibition, University Academy Keighley (UAK), Green Head Road, Utley, Keighley, BD20 6EB. Sat/Sun 10-5.

**Mar 31 - April 2 - YORK** Model Railway Show, The Knavesmire Stand, Racecourse Road, York. Y023 1EX. Saturday & Sunday 10 - .5, Monday 10 - 4.30.

**MAY 4 - 6 - THE 50TH BRISTOL** Model Railway Exhibition, The Thornbury Leisure Centre, Alveston Hill, Thornbury, Near Bristol, BS35 3JB. Fri 1-7, Sat 10-6.30, Sun 10-5.

New Tools Shop Extension Now Open.

New Printed Mail Order Catalogue to be published soon - reserve your copy now.

Exhibition Invitations always welcomed.



# NEXT ISSUE

## Billingham

The industrial North East is the location for Middlesbrough Model Railway Club's giant 'OO' gauge exhibition layout which models the busy junction station of Billingham near Hartlepool. Step back to the late 1950s and early 1960s next issue as we discover all that this impressive layout has to offer.

## REVIVING OLD KITS

Have you been thinking about building that elusive kit which has been tucked away in a drawer? Tim Shackleton

embarks on a project to build a Wills Finecast GWR '94XX' 0-6-0PT while bringing it into line with modern expectations.



## CLASS 50s AT 50

Next month, Railway Realism marks 50 years since the English Electric Class 50s made their debut on the West Coast Main Line in a special feature charting their careers.



## LITTLE ALLER JUNCTION

Aller Junction, G scale and the 'Westerns' were all inspirations for Chris Morris to plan his compact 'N' gauge layout which models a small slice of the Western Region when diesel-hydraulics ruled the roost.



THE NEXT ISSUE OF  
**HORNBY**  
magazine

is on sale August 10 2017

**DON'T MISS IT!**

**PLUS**

We'll be reviewing all the latest models, reporting the latest news, showcasing your layouts in Showcase, answering your questions in the Enquiry Office and taking you behind the scenes at the Hornby Magazine workshop to help you get the most out of your modelling projects.



# dapol

model railway model company

Dapol Limited, Gledrid Industrial Park, Chirk, Wrexham, LL14 5DG

Tel: 01691 774455  
Fax: 01691 778866  
e-mail: sales@dapol.co.uk

www.dapol.co.uk

## July releases

### Class 142



This is a 1st Decorated Sample Copyright Dapol Ltd.

**NEW!**

- ND116A/D** - Class 142 Northern Rail 142065/DCC
- ND116B/D** - Class 142 Regional Railways 142081/DCC
- ND116C/D** - Class 142 Northern Spirit 142025/DCC
- ND116D/D** - Class 142 Arriva Trains Wales 142085/DCC
- ND116E/D** - Class 142 Tyne & Wear PTE 142021/DCC

### HST



Previously produced model shown for illustration purposes only.

- 2D-019-005** - Class 43 HST Blue/Grey ER 43193/43119
- 2D-019-006** - Class 43 HST East Coast 43309/43306
- 2D-019-007** - Class 43 HST Virgin East Coast 43311/43312
- 2D-019-008** - Class 43 HST GNER Blue 43106/43109
- 2D-019-009** - Class 43 HST GWR Green 43187/43188



**2F-038-028** - Bulk Grain - BR B885325



**2F-038-030** - Bulk Grain - BR B885325 Weathered



**2F-071-022** - 7 Plank - Ton Philip Rhonda 277



**2F-071-023** - 7 Plank - Ton Philip Rhonda 277 Weathered



**7P-004-001** - Autocoach GWR Crest Chocolate & Cream



**7P-004-005** - Autocoach BR Crimson

**7P-004-002** - Autocoach GWR Twin Cities Crest Chocolate & Cream    **7P-004-003** - Autocoach GWR Shirtbutton Chocolate & Cream

**7P-004-004** - Autocoach GWR No Insignia Chocolate & Cream



**4F-016-023** - Banana Van - BR Red B881722



**4F-016-024** - Banana Van - BR Red B881722 Weathered



**4F-016-029** - Banana Van - Geest B882125



**4F-016-030** - Banana Van - Geest B882125 Weathered



**4F-030-015** - 16T Steel Mineral - BR Grey M620225



**4F-030-016** - 16T Steel Mineral - BR Grey M620225 Weathered



**4F-033-110** - 24T Hopper - Camforth Iron Co 236



**4F-033-111** - 24T Hopper - Camforth Iron Co 236 Weathered

Also released this month:

- 7F-053-004** - 5 Plank wagon Corrugated End BR Diagram 39 Grey B495105
- 7F-053-005** - 5 Plank wagon Corrugated End BR Diagram 44 Bauxite B485971
- 7F-053-006** - 5 Plank wagon Corrugated End BR Diagram 44 Bauxite B498136
- 7F-054-001** - BR Meat Van Crimson 870060
- 7F-056-005** - BR Standard Plywood Van Diagram 213 Bauxite B766440
- 7F-056-006** - BR Standard Plywood Van Diagram 213 Bauxite B775624
- 7F-056-007** - BR Standard Plywood Van Diagram 208 Bauxite B755186
- 7F-056-008** - BR Standard Plywood Van Diagram 208 Bauxite B756682

All product release dates correct at time of going to press

Product Scale Key

O Gauge

OO Gauge

N Gauge

dapol

collectors  
club

ONLY £25 PER YEAR

ANNUAL OPEN DAY

4 NEWSLETTERS PER YEAR

IN GAUGES 'N' 'OO' & 'O'

FOR MORE INFORMATION CONTACT ANDREA / NEIL ON 01691 774455 OPTION 1 OR EMAIL club@dapol.co.uk

### SPECIAL COMMISSION WAGONS

- YOUR CHOICE OF DAPOL BODY
- YOUR CHOICE OF LIVERY
- TURN AROUND IN JUST 3 MONTHS
- FROM JUST 100 IDENTICAL MODELS IN 'OO' OR 'N' 25 IN 'O'
- FOR MORE DETAILS CONTACT CLAIRE ON 01691 774455 OPTION 1 OR EMAIL studio@dapol.co.uk





**372-033DS 'Nunney Castle'**

Running No. 5029 GWR Lined Green

'Nunney Castle' powers through the countryside pulling MK I Pullman Coaches 374-220D & 274-200E



# Celebrating Castle Class

## N Scale Locomotives

Our new Castle Class locomotives all feature a loco drive chassis, a coreless motor, NEM couplings, tender pickup, additional accessory pack (shown fitted below) and are equipt with our compact Next 18 decoder interface. We are also pleased to present the first N Scale steam loco in the 'Nunney Castle' (372-033DS) to be factory fitted with DCC SOUND.



**372-030 'Earl of Dunraven'**  
Running No. 5044 GWR Lined Green



**372-031 'Tiverton Castle'**  
Running No. 5041 BR Green Early



**372-032 'Sir Daniel Gooch'**  
Running No. 5070 BR Green Late



Fitted Accessory Pack



Interior Cab Detailing



Sound Ready



Tender Pickup



Next 18 Ready



Preserved Prototype



1923 - 1947



1948 - 1956



1967 - 1971



1995 onwards

**DYNAMIS ULTIMA**

Dynamis Ultima & RailController the perfect partners to any DCC layout!  
Download a **FREE** 30 day RailController trial from [www.dynamisdcc.com](http://www.dynamisdcc.com)

**DYNAMIS RailController**

N Scale

To find your nearest retailer, please visit [www.bachmann.co.uk](http://www.bachmann.co.uk)

Model, Collect & Create