

\$11.95 W21
HORNBY MAGAZINE

W21

M1604
March 2012
41
GC
Cov
36698

201001038542 170412 3

HIGGINS NEWS

16 PAGE HORNBY DCC SUPPLEMENT

FREE MAKE THE MOST OF YOUR HORNBY DCC EQUIPMENT
DIGITAL COMMAND CONTROL
EXCLUSIVE SUPPLEMENT

Ian Allan

9 771753 246038

03

HORNBY magazine

Issue 57 March 2012

£3.60

Market Weighton

An East Yorkshire junction in transition

PLUS
MODEL RAIL
SCOTLAND
PREVIEW



REVIEWS

HORNBY LAUNCH 'BRIGHTON BELLE'



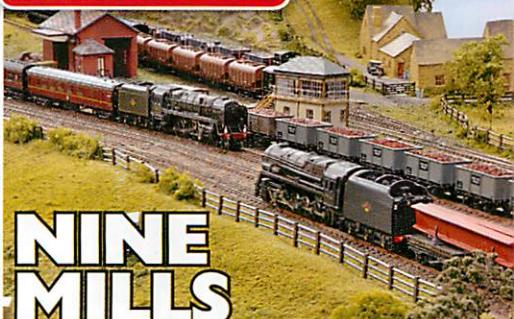
**Back to
BASICS**



BASEBOARDS

• HELJAN RAILBUS UPDATE • KERNOW'S FIFTH BEATTIE

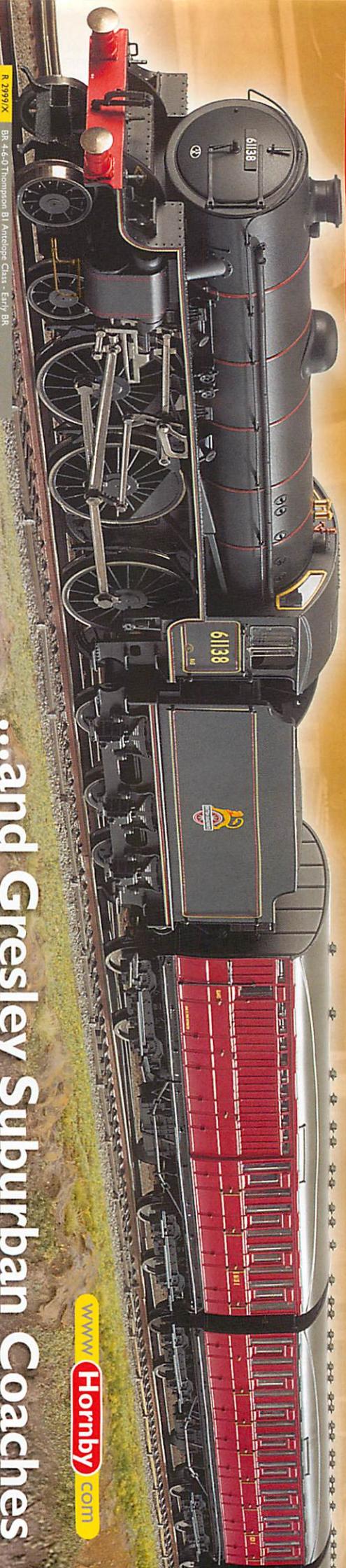
LAYOUT FEATURE



**NINE
MILLS**

HORNBY®

Thompson B1 Class Antelope Locomotives...



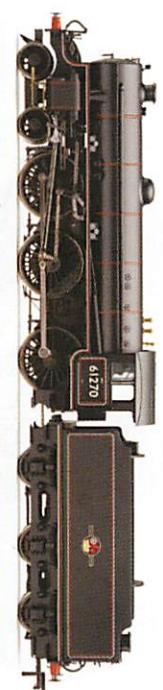
www.Hornby.com

...and Gresley Suburban Coaches

R 2999/X BR 4-6-0 Thompson B1 Antelope Class - Early BR

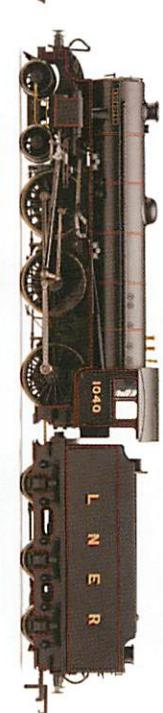


R 3000/X BR 4-6-0 Sir Harold Mitchell' Thompson B1 Antelope Class - Late BR

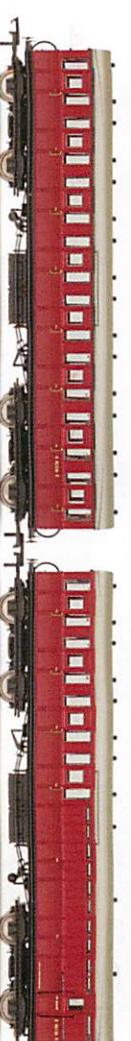


NEW R 3114 BR 4-6-0 Thompson B1 Antelope Class - Late BR

1 2 3 4
Quarter available



R 2998/X LNER 4-6-0 Roedeer Thompson B1 Antelope Class



R 4519 BR Gresley Non-vestibulated Suburban 1st Class Coach



R 4521 BR Gresley Non-vestibulated Suburban Composite Coach

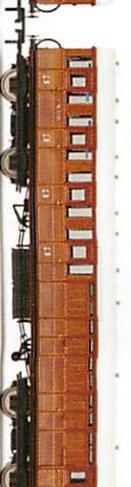


R 4522 BR Gresley Non-vestibulated Suburban 3rd Class Brake Coach



R 4515 LNER Gresley Non-vestibulated Suburban 1st Class Coach

R 4517 LNER Gresley Non-vestibulated Suburban Composite Coach



R 4518 LNER Gresley Non-vestibulated Suburban 3rd Class Brake Coach

Perfect Partners

EXCLUSIVE FIRST EDITIONS

Limited Editions with Endless Appeal

NORTHERN GENERAL



16534
LEYLAND MCW ATLANTEAN

BRITISH AIRWAYS



36203
ROUTEMASTER BUS & LUGGAGE TRAILER

SOUTHERN NATIONAL



29506
PLAXTON PANORAMA

TYNE & WEAR P.T.E.



37901
ALEXANDER Y TYPE (BUS SEATS)

GREEN LINE B.E.A.



23321
AEC RF COACH

EAST YORKSHIRE



38501
OPEN TOP RM ROUTEMASTER

TYNEMOUTH



20011
LEYLAND PD2 ORION

EXPRESS DAIRY



13601
AEC ERGO 3 AXLE ELLIPTICAL TANKER

STRATHTAY



29011
G.M. FLEETLINE

SMT



15807
LEYLAND PD1 LOWBRIDGE.

BRIGHTON & HOVE



26624
PLAXTON PARAMOUNT 3500

BLACK & WHITE



29507
PLAXTON PANORAMA

ISLE OF WIGHT - ISLAND LINE DINOSAUR LIVERY



99935
1938 TUBE STOCK (2 CAR SET)

SOUTHERN VECTIS



20137
BEDFORD OB COACH

Exclusive
First
Editions

Want to keep up to date with all our new model releases?

Why not join our EFE Subscription Service! See our website for more details.

www.exclusivefirsteditions.com

Exclusive
First
Editions

HORNBY

magazine

March 2012

Editor: Mike Wild
Design: Steve Diggle and Michelle Allin
Sub-editor: Andrew Roden

Contributors: Evan Green-Hughes, Phil Parker, Trevor Jones, Tim Shackleton, Brian Stephenson, Ian Wild, Julia Scarlett, Paul Chetter, Neil Ripley, Dave Forshaw, Gordon Forrester and Dave Kent.

EDITORIAL ADDRESS

Hornby Magazine, PO Box 945, Peterborough PE1 9ER
Tel: 01733 270044
Email: hornby.magazine@wildcomms.com
Send letters to: hornby.magazine@wildcomms.com
Exhibition details to: show.guide@wildcomms.com
Website: www.hornbymagazine.com

ADVERTISING

Advertising Sales: Matt Tipton
Email: matt.tipton@ianallanpublishing.co.uk
Telephone: 01780 484634
Classified Sales: Bethany Griffin
Email: Bethany.griffin@ianallanpublishing.co.uk
Telephone: 01780 484635
Advertising Manager: Graham Middleton
Email: graham.middleton@ianallanpublishing.co.uk
Telephone: 01780 484632
Commercial Manager: David Lane
Tel: 01780 484633 **Fax:** 01780 763388
Email: david.lane@ianallanpublishing.co.uk
Advertising Production: Cheryl Thornburn
Tel: 01780 484637 **Fax:** 01780 763388
Email: cheryl.thornburn@ianallanpublishing.co.uk

ADVERTISING ADDRESS

Ian Allan Publishing Ltd, Foundry Road, Stamford, Lincolnshire, PE9 2PP

SUBSCRIPTIONS

Hornby Magazine Subscriptions Department, 800 Guillat Avenue, Kent Science Park, Sittingbourne ME9 8GU
Tel: 0844 245 6932
Overseas: +44(0)1795 414826
E-mail: hornbymagazine@servicehelpline.co.uk
Website: www.hornbymagazine.com
Magazine Binders & Back Issues available via the subscriptions department as above.

PUBLISHING

Chairman: David Allan
Publishing Director: Paul Appleton
Production Controller: Carol Jarman
Commercial Manager: David Lane
Head of Marketing: Emily Macmillan
Digital Marketing Assistant: Chnoor Ziae
Marketing Assistants: Francesca Ferrari, Zoe Kehoe
Registered Office: Terminal House, Shepperton, Middlesex TW17 8AS, UK

PRINTING

Precision Colour Printing, Telford, Shropshire.

DISTRIBUTION

Marketforce (UK) Ltd, Blue Fin Building, 110 Southwark Street, London SE1 0SU, UK
If you have difficulty finding *Hornby Magazine*, please contact the Marketforce customer help line: Tel: 020 3148 3333

© Ian Allan Publishing Ltd 2012

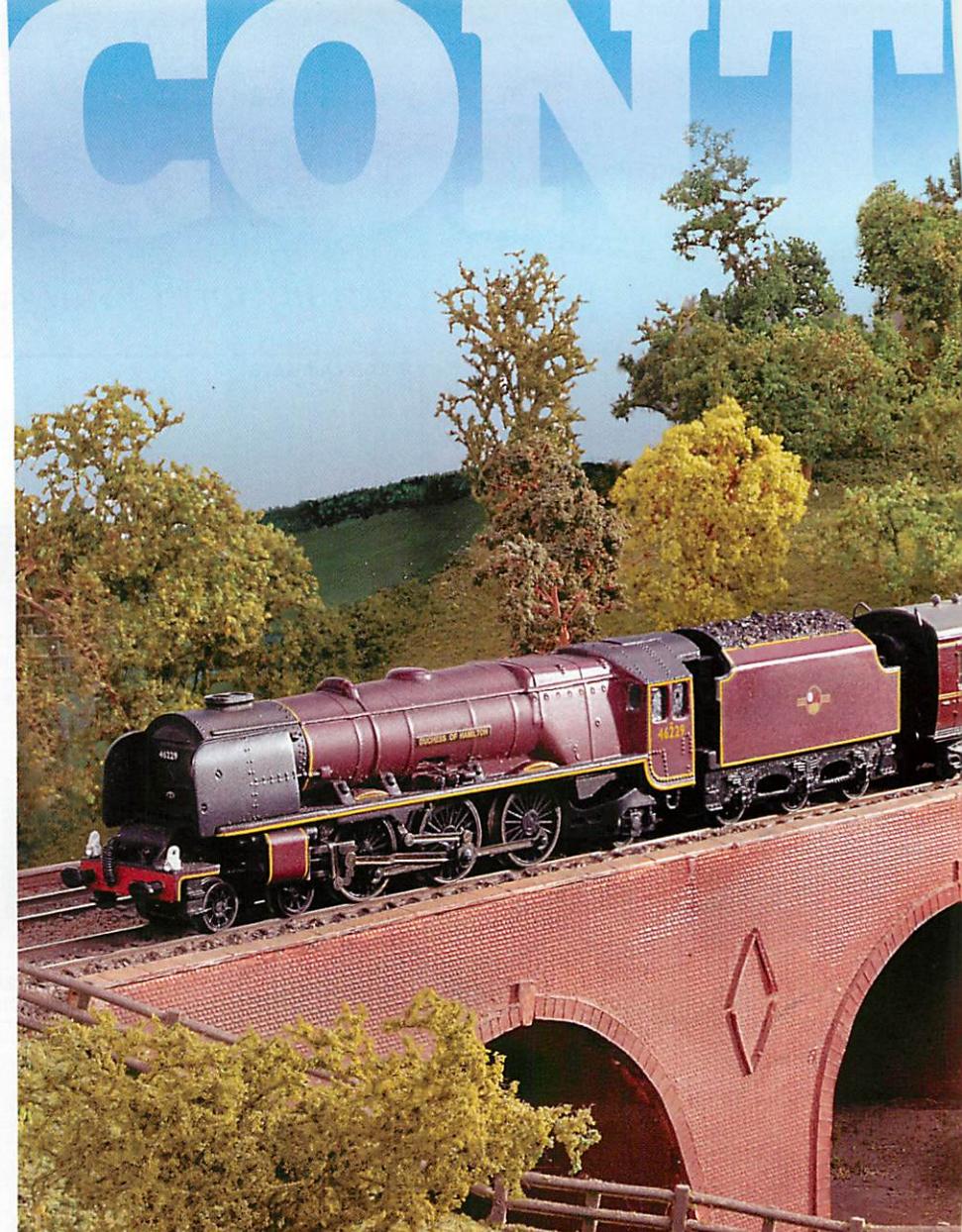
All rights reserved. No part of this magazine may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopying, recording or by any information storage and retrieval system, without prior permission in writing from the copyright owner. Multiple copying of the 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; Ian Allan 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 Ian Allan Publishing.

Hornby Magazine is published on the second Friday of each month preceding the cover date.

ISSUE
57

ISSN 1753-2469



Cover guide...

MARKET WEIGHTON

16 Neil Ripley reveals how this much loved steam era 'OO' gauge layout has been resurrected, and is now looking for a new home.

FREE 16 PAGE *HORNBY* DCC SUPPLEMENT

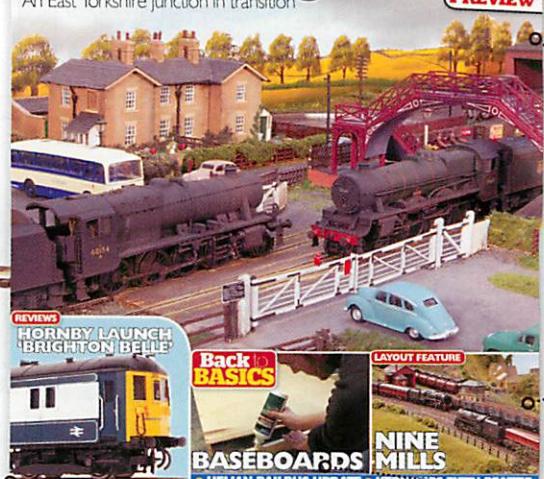
HORNBY
magazine

Market Weighton
An East Yorkshire junction in transition



REVIEWS

75 Hornby impresses with its 'OO' Brighton Belle, Bachmann's Desiro lives up to expectations - plus the rest of the month's reviews.





94

FREE MAKE THE MOST OF YOUR **HORNBY** DCC EQUIPMENT **EXCLUSIVE** **SUPPLEMENT**

DIGITAL COMMAND CONTROL **HORNBY**

DISCOVER DCC WITH HORNBY

RAILMASTER • THE ELITE • POINT CONTROL

FREE INSIDE

Free with this issue is a special supplement featuring Hornby's DCC equipment.

12

MODEL RAIL SCOTLAND

This year Model Rail Scotland is bigger than ever before. We preview the event and reveal what's in store.

94

NINE MILLS

From its origins as a motive power depot, Worthing Model Railway Club's spectacular 'N' gauge layout shows the sheer spectacle of the smaller scale to brilliant effect, as Dave Forshaw, Gordon Forrester and Dave Kent explain.

28

Back to **BASICS**

Continuing this new series, Mike Wild looks at how to build the foundation of a model railway - the baseboards - using Project 12 as the basis.

Inside...

7 EDITORIAL

Building a model railway is only half of the story. Mike Wild casts his views on the development of layouts with particular focus on Bolsover and Seven Lane Pit.

8 UPDATE

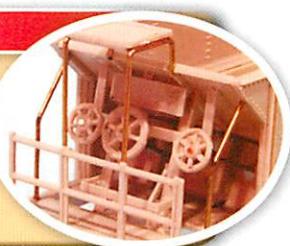
New models from Kernow and Modelzone - plus the rest of the month's news including updates on Heljan's latest projects and a preview to Model Rail Scotland.

34 IMPROVING BACHMANN'S LIGHTWEIGHT

Bachmann's Derby Lightweight DMU is a great model, and as Mike Wild shows, a few simple tweaks can enhance it even further.

PARKER'S GUIDE

38 In search of something different, Phil Parker tackles Cambrian Model's giant 'Whale' engineers' wagon in 4mm scale and is impressed by the results.



42 THE BIG ROLLING STOCK SURVEY

Trevor Jones examines the range of ready-to-run models in 'OO' gauge and assesses which gaps are left for the manufacturers to fill.

52 HORNBY POST

Readers' views on the hobby's big issues.

54 WEATHERING CARRIAGES

In the first of a two-part feature, Tim Shackleton shows how a little weathering can transform the appearance of ready-to-run coaching stock.

58 ST STEPHENS ROAD

For the latest *Hornby Magazine* Yearbook, an all new layout was built to showcase the range of Western Region models available. Mike Wild reveals the story behind this all-new model railway on the eve of its appearance at Model Rail Scotland in February.

88 REALITY CHECK

Evan Green-Hughes looks back at the careers of the EM1 electric locomotives following the arrival of Olivia's Trains 'OO' gauge model, and argues that they were withdrawn before their time was really up.

104 STAFF PROJECTS

Hornby Magazine staff and contributors reveal their latest modelling efforts.

106 RAILWAY REALISM

As railways developed, bridges became bigger and more advanced, as Evan Green-Hughes discovers in the second part of his feature.

110 SHOW GUIDE

Hornby Magazine's guide to forthcoming exhibitions and events.

Loughborough Model Centre

HORNBY

GRAHAM FARISH
By Bachmann

Bachmann

Creative Master
Northcord Ltd

RENNER

PECO VI TRAINS

Exclusive
LMS

HELJAN

CORGI

"NEW LARGER SHOP OPEN IN DERBY"



BACHMANN
BRANCH LINE

| Cat No | Description | RRP | LMC PRICE |
|------------|--|---------|-----------|
| 31-002 | Robinson 04 63635 Br Black | £142.90 | £108.20 |
| 31-004 | Robinson Class 04 63598 BR Black E/E (W) P/O | £152.75 | £115.75 |
| 31-005 | Robinson Class 04 3547 LNER Black P/O | £145.50 | £110.25 |
| 31-0101 | Class 7F 2-8-0 53806/53809 BR Black | £142.90 | £108.20 |
| 31-012 | Class 7F 2-8-0 53810 BR Black L/C - (W) | £149.95 | £113.54 |
| 31-0301/2 | Class 350/1 4 Car EMU P/O | £149.95 | £113.54 |
| 31-085 | 3200 (Earl) Class 9022 BR Black E/E (W) | £133.95 | £101.50 |
| 31-086 | 3200 (Earl) Class 9017 BR Black E/E Pre | £144.00 | £96.75 |
| 31-087/DC | 3200 (Earl) Class 203 Green (DCOB) P/O | £144.00 | £105.00 |
| 31-118 | 4MT 75072 Green L/C | £110.80 | £83.97 |
| 31-118/6 | 4MT 75069/75073 | £105.60 | £79.96 |
| 31-117DC | 4MT 75074 BR Black E/Emblem | £120.00 | £90.86 |
| 31-127/9 | GWR 3000 Rod BR Black E/E GWR | £148.20 | £112.21 |
| 31-128 | GWR 3000 Rod BR Black E/E (W) | £155.60 | £117.82 |
| 31-175 | Jubilee 45611 'Hong Kong' BR Green E/E | £112.95 | £85.52 |
| 31-177DS | Jubilee 45593 'Yolahup' BR Green E/E | £253.40 | £191.87 |
| 31-178DC | Jubilee 45659 'Drake' L/G R (DCOB) | £127.25 | £96.35 |
| 31-186 | Jubilee 45587 'Baroda' BR Green L/C | £114.25 | £86.51 |
| 31-210/12 | 45504 Royal Sovereign Green L/C (DCOB) | £115.95 | £87.75 |
| 31-235/600 | Midland Blue Pullman Car Unit | £250.00 | £196.99 |
| 31-265/67 | Motor Luggage Van (MLV) (SR) | £76.95 | £58.50 |
| 31-325/7 | Class 105 2 Car DMU | £104.20 | £81.80 |
| 31-325DC | Class 105 2 Car DMU Blue F/E (DCOB) | £118.85 | £89.99 |
| 31-326A | Class 105 2 Car DMU BR Green Whisker | £104.20 | £78.99 |
| 31-361 | Class 03 Shunter D2388 BR Green | £56.15 | £42.52 |
| 31-361/2A | Class 03 D009/03045 | £62.10 | £47.25 |
| 31-363 | Class 03 03162 BR Blue Air Tanks (W) | £65.45 | £49.75 |
| 31-375/67 | Class 416 2EPB EMU | £110.90 | £83.97 |
| 31-425/6/7 | CEP 4 Car EMU | £148.15 | £112.18 |
| 31-426/7 | Class 416 2-6-2 Tank 41310 L/Black E/E P/O | £105.65 | £83.25 |
| 31-460/12 | C Class 60/2 / 1266/1 / 31086 | £65.40 | £53.25 |
| 31-476DS | G2A 0.8-49402 BR Black E/E (DCOB) | £223.50 | £175.00 |
| 31-479 | G2A 49094 Black L/C W/Tender Cab (W) | £105.05 | £78.75 |
| 31-511 | Class 158 2 Car Ariva Trains Wales | £94.75 | £71.74 |
| 31-514/6 | Class 158 2 Car Northern, Central | £102.85 | £77.88 |
| 31-528/9 | A2 60334/4 BR Black | £139.45 | £101.50 |
| 31-530 | Class A2 526 Sugar Palm' LNER Ap Green | £139.45 | £105.75 |
| 31-535/67 | Class 105 2 Car DMU | £109.00 | £82.75 |
| 31-550B | V2 4771 Green Arrow' Done Green NRM | £110.65 | £83.99 |



| | | | | | | |
|------------|---|-----|---------|---------|-----------------|-------------------------------|
| 32-407 | Class 25/3 25279 BR Blue Weathered | P/O | £ 68.95 | £ 52.25 | R2905 Br | King Arthur Sir Melleagrance' |
| 32-429DS | Class 24 D5100 Plain Green FYE (DCCS) | P/O | £174.50 | £132.25 | R2912/3x | Lner Br/Thompson L1 DCCOB |
| 32-430B | Class 24 D5061 Plain Green Ind Discs | P/O | £ 65.65 | £ 49.71 | R2914 Br | L/C Thompson L1 |
| 32-464 | Class 170/2 3 Car Anglia One | P/O | £117.00 | £ 88.59 | R2915/6/7/8 | GWR 3000/2810/3803/2891 |
| 32-465 | Class 170/2 3 Car Country | P/O | £122.70 | £ 92.75 | For Class 17/18 | |
| 32-466 | Class 170/2 3 Car London Midland City | P/O | £108.75 | £ 85.97 | R2920/12 | St (Mach) MT 24/2 |
| 32-475/7 | Class 40 4129 BR Blue | P/O | £ 91.30 | £ 69.13 | R2924 | St (Elvan) MT '51' |
| 32-480DS | Class 40 D211 Mountain Green (DCCS) | P/O | £184.25 | £139.51 | R2925 | Br L/C Macgregor 72005 |
| 32-515/6/7 | Derby Lighterweight 2 Car | P/O | £100.95 | £ 76.44 | R2927 | Br E/E Lms Pug 511' |
| 32-526DS | Delta 55018 'Balmoral' Blue (DCCS) | P/O | £190.90 | £144.75 | R2931 | London Midland '153 (153 365) |
| 32-529A | Delta 09014 DoWrr Two Tone Green | P/O | £ 89.10 | £ 67.50 | R2932 | Ariva Trans Wales '153 |
| 32-531DC | Deltic 9005 TPO/Royal Blue (DCOB) | P/O | £161.30 | £ 88.25 | R2934 | Ews Class 08 |
| 32-550A | El 60163 Tomato BR Apple Green | P/O | £145.50 | £110.17 | R2936 | Lms Patriot 'Illustrus' |
| 32-551DS | El 60139 Sea Eagle' Green E/E (DCCS) | P/O | £254.75 | £192.99 | R2937 | Gw County Of Cornwall |
| 32-559 | Class A1 60157 Great Eastern' L/Green L/C | P/O | £129.35 | £ 97.94 | R2938 | Br Class 40 |



| | | | | | | |
|----------|---|-----|---------|---------|-------|--|
| 32-581 | Ivatt Class 4MT 43018 L/Black E/E D/C | P/O | £116.30 | £ 88.25 | R2947 | East Midlands Hst Pack |
| 32-603 | Class 220 4 Car 220017 VOYAGER | P/O | £140.70 | £106.53 | R2949 | Ariva Cross Country Hst Pack |
| 32-610 | Class 220 4 Car 220018 VOYAGER | P/O | £140.70 | £106.53 | R2950 | First Sostral Class 156 Train Pack |
| 32-612 | Class 220 4 Car 220019 VOYAGER | P/O | £140.70 | £106.53 | R2951 | Wrexham & Shropshire Train Pack |
| 32-628 | Class 221 5 Car VOYAGER 221135 XC | P/O | £158.35 | £124.90 | R2955 | Impenal Waylands Ed |
| 32-652DS | Class 44 44005 Cross Fell Blue (DCCS) | P/O | £197.90 | £149.99 | R2957 | Virgin Charter Relief Train Pack |
| 32-677A | Class 45 45120 BR Blue Split B | P/O | £ 66.45 | £ 66.49 | R2961 | Gw Class 101 1835-2010 Ltd/Ed |
| 32-679DS | Class 45 D27 Green Split box FYE (DCCS) | P/O | £196.30 | £148.75 | R2963 | Br Thomson L1 Aprie Green DCCOB |
| 32-703 | Class 46 D186 BR Blue Weathered | P/O | £ 88.40 | £ 66.99 | R2965 | London 2010 Pack |
| 32-728DS | Class 66 66546 Freightliner (DCCS) | P/O | £202.25 | £153.25 | R2966 | Br GWR Class 33 |
| 32-735 | Class 66 66209 EWS Weathered | P/O | £109.65 | £ 83.25 | R2967 | Br GWR Class 4-4-0 'Trotters' Aggregates Ltd |
| 32-750DS | Class 57 57003 Finner Evolution (DCCS) | P/O | £197.55 | £149.25 | R2969 | Loco 0-4-0 'Trotters' (Ex Thomas) |
| 32-752/4 | Class 57 57062 FGW/ 57011 DRS | P/O | £ 92.40 | £ 69.95 | R2970 | Mr (3r) 0-6-0 |
| 32-753 | Class 57 53 5713 Ariva Trans Wales | P/O | £ 86.45 | £ 65.46 | R2971 | Br Class 423 Voss Train Pack |
| 32-754 | Class 57 53 5713 Ariva Trans Wales | P/O | £ 84.55 | £ 64.02 | R2972 | East Midlands Hst Pack |
| 32-755 | Class 57 53 5713 Ariva Trans Wales | P/O | £193.10 | £146.21 | R2973 | Ariva Cross Country Hst Pack |
| 32-804/5 | Class 47 D282 40-40 0-6-0 D1547 Blue | P/O | £ 95.40 | £ 77.95 | R2974 | Regional Railways 31 |
| 32-829A | Matt Class 2M 2-6-0 64646 LB/LC | P/O | £ 88.95 | £ 67.35 | R2975 | Br C4 Silver Link Ltd/Ed |
| 32-830 | Matt Class 2M 6402 UMS 602 | P/O | £ 88.95 | £ 67.35 | R2976 | Br Loco Jack 'Non-Tender' L/C |
| 32-830/3 | BR 91 92220 Evening Star Green L/C | P/O | £149.80 | £113.42 | R2977 | Br Lamp & Holt Line Rebuilt L/C |
| 32-835 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2978 | Hitachi Class 359 Sir Ted Redgrave |
| 32-836 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2979 | West Coast Railways Pullman Ltd/Ed |
| 32-837 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2980 | London Olympics 1908 Ltd/Ed |
| 32-838 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2981 | London Olympics 1948 Ltd/Ed |
| 32-839 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2984 | Network Rail Hist |
| 32-840 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2985 | 'Duchess At Carlisle' B J Freeman |
| 32-841 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2986 | 'A Date With The Duchy' B J Freeman |
| 32-842 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2987 | Brighton Belle 1934/67 2 Car Pack |
| 32-843 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2988 | Br GWR Class 50 Montezuma |
| 32-844 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2989 | Br GWR Class 50 Montezuma |
| 32-845 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2990 | Br GWR Class 50 Montezuma |
| 32-846 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2991 | Br GWR Class 50 Montezuma |
| 32-847 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2992 | Br GWR Class 50 Montezuma |
| 32-848 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2993 | Br GWR Class 50 Montezuma |
| 32-849 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2994 | Br GWR Class 50 Montezuma |
| 32-850 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2995 | Br GWR Class 50 Montezuma |
| 32-851 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2996 | Br GWR Class 50 Montezuma |
| 32-852 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2997 | Br GWR Class 50 Montezuma |
| 32-853 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2998 | Br GWR Class 50 Montezuma |
| 32-854 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R2999 | Br GWR Class 50 Montezuma |
| 32-855 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3000 | Br GWR Class 50 Montezuma |
| 32-856 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3001 | Br GWR Class 50 Montezuma |
| 32-857 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3002 | Br GWR Class 50 Montezuma |
| 32-858 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3003 | Br GWR Class 50 Montezuma |
| 32-859 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3014 | Br GWR Class 50 Montezuma |
| 32-860 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3015 | Br GWR Class 50 Montezuma |
| 32-861 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3016 | Br GWR Class 50 Montezuma |
| 32-862 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3017 | Br GWR Class 50 Montezuma |
| 32-863 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3018 | Br GWR Class 50 Montezuma |
| 32-864 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3019 | Br GWR Class 50 Montezuma |
| 32-865 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3020 | Br GWR Class 50 Montezuma |
| 32-866 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3021 | Br GWR Class 50 Montezuma |
| 32-867 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3022 | Br GWR Class 50 Montezuma |
| 32-868 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3023 | Br GWR Class 50 Montezuma |
| 32-869 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3024 | Br GWR Class 50 Montezuma |
| 32-870 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3025 | Br GWR Class 50 Montezuma |
| 32-871 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3026 | Br GWR Class 50 Montezuma |
| 32-872 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3027 | Br GWR Class 50 Montezuma |
| 32-873 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3028 | Br GWR Class 50 Montezuma |
| 32-874 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3029 | Br GWR Class 50 Montezuma |
| 32-875 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3030 | Br GWR Class 50 Montezuma |
| 32-876 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3031 | Br GWR Class 50 Montezuma |
| 32-877 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3032 | Br GWR Class 50 Montezuma |
| 32-878 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3033 | Br GWR Class 50 Montezuma |
| 32-879 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3034 | Br GWR Class 50 Montezuma |
| 32-880 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3035 | Br GWR Class 50 Montezuma |
| 32-881 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3036 | Br GWR Class 50 Montezuma |
| 32-882 | BR 91 92220 Evening Star Green L/C | P/O | £ 92.45 | £ 71.26 | R3037 | Br GWR |

Construction and DEVELOPMENT

WHEN WE see model railways on display at exhibitions it is easy to take them at face value. The teams behind them have obviously invested many hours of work to achieve their goals and it's the same here at *Hornby Magazine*.

However, what many are surprised to hear, at least when discussing our own layouts, is that we don't consider any of them to be finished projects. In fact, they are quite the opposite!

At the recent Leamington and Warwick Model Railway Exhibition I had the opportunity to discuss the layout with rather more show visitors than normal first hand. The reason for this – development! We'd made significant changes to Bolsover since its last outing at the Spalding Model Railway Exhibition in November 2011 including building a completely new fiddle yard, but all this required an overhaul of how we operated the layout as a team. The final decision was to place two operators in the central operating well and one at the goods yard end of the layout to control the inner main line.

This made a huge difference to us as it gave us the chance to explain why Bolsover isn't a perfect layout in every respect. Between the team we were quizzed over the apparent lack of crews in locomotives, discussed the computer control system, talked about the missing cables from the colliery winding tower, about the scenery and how we had achieved the 'look' of the layout. This was interesting because it raised a few burning issues which I have had with the layout myself.

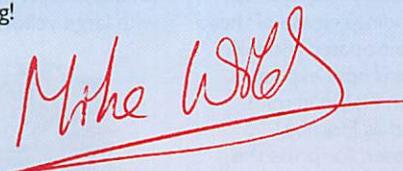
Even established layouts require maintenance and revival and that's exactly what the East Riding Finescale Group did with their model of Market Weighton when it returned to their care. An EE Type 3 enters the station and passes a Thompson 'B1' 4-6-0. **Mike Wild.**

The point to all this is that even though Bolsover is now 12 months old it is constantly being improved in one area or another. At present this has mainly concentrated on the control system and adding digital sound decoders to as much of the main fleet as funds will allow. However, there is a job list as long as my arm detailing ideas, aspirations and firm plans for the model.

By the time Bolsover heads out to its next show – *Hornby Magazine LIVE!* in Hartlepool on July 7/8 – I hope I'll be able to tick more items off the 'to do' list.

These 'to do' lists are a perennial part of model railways. There is always another detail to add, a new piece of rolling stock to weather, a new item to add to a train formation and that is what makes this hobby so enthralling. That, for many of us, is our goal – to continually improve our models and recapture a small part of railway history whether in our homes or on the exhibition circuit.

Happy modelling!



Mike Wild
Editor, *Hornby Magazine*



Heljan receives livery samples for RAILBUS AND DP2

LIVERIED samples of the Waggon und Maschinenbau four-wheel railbus and English Electric prototype DP2 have now been received by Heljan ahead of the impending release of these two highly anticipated models.

The railbus is now expected to arrive with Heljan in mid February and as Hornby Magazine closed for press the manufacturer was anticipating that UK retailers would receive stocks of all four versions by the end of the month.

Scheduled for release using the new railbus tooling is E79960 in

BR green with speed whiskers (Cat No. 8700), E79962 in BR green with speed whiskers (8701), E79963 in BR green with small yellow warning panels (8702) and M79964 in BR green with large yellow warning panels



FAMOUS TRAINS PROJECT MOVES FORWARD



Two new Metro-Vick Co-Bo diesels, made by Heljan and purchased through Hatton's, have been gifted to the Derby charity Famous Trains model railway, which is gaining momentum once more.

Recent developments have seen Derby City Council agree the project in principle and

provide a small funding grant. The council has also agreed to let Famous Trains upgrade the model railway building in Markeaton Park.

Famous Trains' building experts have completed drawings of how the building will look after refurbishment, and a detailed work specification is ready for

contractors to quote for the building upgrade work. The charity's trustees are applying for various capital grants from funders, a process that will take many months to conclude. The charity's chairman, railway journalist Colin Boocock, is confident that physical work on the building should begin

before the end of this year, with a view to opening to the public in 2013.

The two Co-Bos will be used as a pair on Manchester to London St. Pancras expresses on Famous Trains' layout of Chirley.

• For more information, visit www.famoustrains.org.uk.

Heljan has received the first colour samples of the bodyshell for English Electric prototype DP2. These are the first images of the painted shells.

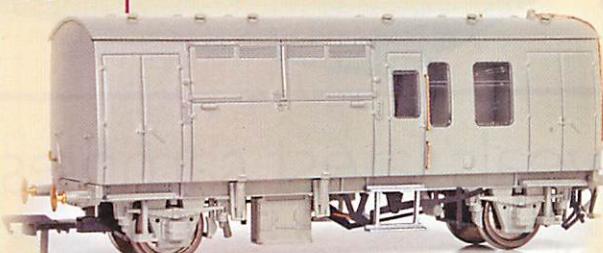


(8703). The retail price for the Waggon und Maschinenbau railbus is £114.95.

Also due to arrive before the end of February is the second series of Class 23 'Baby Deltic' models. This will cover D5901 in BR green as used by the Derby RTC (Cat No. 2304), D5902 in BR green with small yellow warning panels (2305), D5904 in BR green with full yellow ends (2306) and D5909 in BR blue with full yellow ends and a weathered finish (2307). The retail price for these models £119.95 for the pristine versions and £129.95 for the weathered BR blue release.

Heljan's model of DP2 is also progressing and is currently expected to arrive in the UK at the end of March or early April. The model has now reached the colour sample stage, but this was yet to receive approval during late January.

TMC receives first sample of BR horsebox



TMC has received the first engineering prototype sample of its exclusive model of the BR Mk 1 horsebox from manufacturer Bachmann offering a first look at this four-wheel vehicle.

In total 115 BR Mk 1 horseboxes were built between 1957 and 1958. They had short lives with the last being withdrawn from horse traffic in the early 1970s. Some vehicles were converted for engineering use.

The model is due for release in the third quarter of 2012

and is to undergo a series of revisions before production commences. The horsebox will be released in both BR Southern Region green and BR Eastern Region maroon with four variations in the body to represent different vehicles within the fleet.

TMC's model will feature a fully detail underframe with brake rigging and clasp brakes in line with the wheels, waste discharge pipes, NEM coupling pockets with a close coupling mechanism and optional bufferbeam detailing parts.

New from Cambridge Custom Transfers

Cambridge Custom Transfers has introduced a range of new sheets which allow modellers in a range of scales to give wagons different numbers.

Sheet BL120 covers the BR Diagrams 1/597 and 1/598 SHARK ballast plough brake vans while Diagram 1/598 vans are covered by Sheet BL120b as this updated version, with roller bearings and painted Gulf Red, was only originally allocated to the London Midland Region. All known original allocations are covered. Five versions of the sheet are available - BL120a (Eastern Region); BL120b (London Midland Region); BL120c (North Eastern Region); BL120d (Scottish Region) and BL120e (Southern Region and Western Region).

The BR Trout ballast hoppers, as produced by Hornby, are now catered for in Sheet BL117, which offers yellow



lettering for their original black livery and contains transfers for 33 wagons. Sheet BL118 is aimed for modellers of the ICI/WD 20T ammonia tank wagons (as produced by Airfix/Dapol/Hornby). CCT

says that using this new transfer sheet allows modellers to easily apply the distinctive livery, and four wagons can be covered by it.

Finally, Sheet BL119 allows modellers still using the ICI bogie chemical tank wagons made by Hornby Dublo and Tri-ang to be renumbered and detailed.

The costs for all of these sheets are £6 for 2mm, 3mm, 3.5mm and 4mm scales, £12 for 'S' scale, £18 for 'O' gauge and £24 for Gauge 1. Cheques should be made payable to C. J. Isherwood And Sent With Orders To Cambridge Custom Transfers, 206, Nuns Way, Cambridge, CB4 2NS.

Modelzone reincarnates LAB 20

Modelzone has commissioned Heljan to make a special version of its forthcoming Waggon & Maschinenbau railbus as British Rail Research's Lab 20. Although the prototype was a Wickham bodied railbus, the costs of making a tooling for a unique vehicle are prohibitive: Heljan's model offers the nearest ready to run equivalent.

The model represents Laboratory 20 in the last of the three Railway Technical Centre liveries it carried - red and blue. It will be available in the second quarter of the year at a cost of £134.99.

The real Laboratory 20 was built for the RTC Derby in 1959 as a track recording car, carrying probes and on board equipment. It was delivered in a chocolate and yellow livery, going into blue livery, before donning RTC red and blue.

Although similar to the standard Wickham railbus there were differences such as a more robust underframe, buffers and a slightly differing window configuration compared with the standard Wickham body. Lab 20 went into preservation and is currently based on the Lavender Line at Isfield in East Sussex.



FIFTH 'BEATTIE' AND CHINA CLAY BUILDINGS

KERNOW Model Rail Centre is expecting a new version of its well received 'OO' gauge '0298' 2-4-0WT to land at the end of February - and the Camborne model shop has commissioned Bachmann to produce models of china clay dries and chimney so typical of Cornwall.

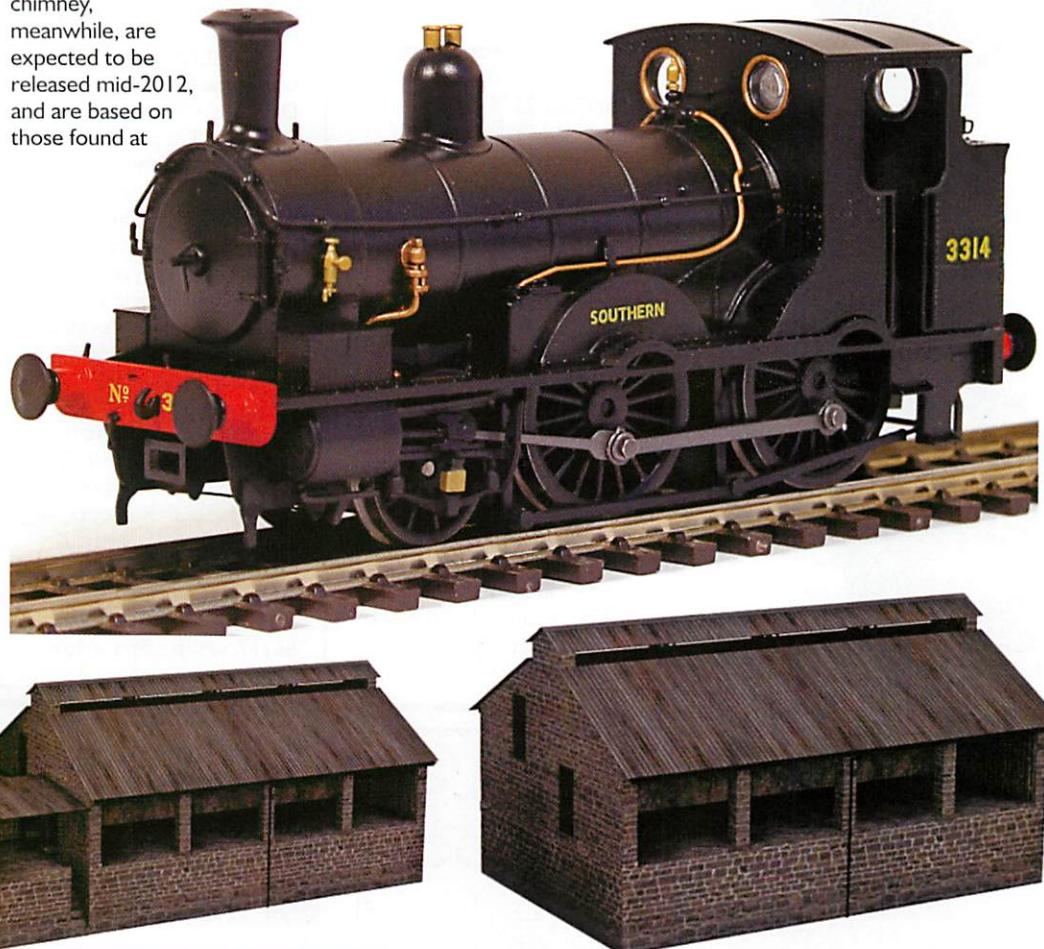
The little locomotive, which is manufactured by Dapol, will appear as 3314 in Southern Railway black with Bulleid 'sunshine' lettering. It will cost £94.99 plus postage. This version is limited to 500 pieces, and KMRC

says that it expects it to sell as quickly as its previous version in Southern Railway livery.

The china clay dries and chimney, meanwhile, are expected to be released mid-2012, and are based on those found at

Wenfordbridge and many other locations in Cornwall. The dries will cost £73.95, and the furnace and chimney £43.95. Each is

limited to just 500 pieces. For more information visit www.kernowmodelrailcentre.com or call 01209 714099.



GARDEN SERVICES

A new service helping modellers build garden railways has been launched by a company called Railways in the Garden. Established by longstanding railway modellers and landscapers, Railways in the Garden says it offers a complete design and build service, with free quotes and advice.

A range of other services is offered including maintenance and landscaping. For more information, call 07778 450084 or e-mail enquiries@railwaysinthegarden.com

Bachmann reveals latest samples

BACHMANN has revealed the latest progress with its brand new tooling for the English Electric Class 20 for 'N' gauge and the Southern Railway Pillbox brakevan for 'OO' gauge.

The Class 20 will feature a twin flywheel mechanism, directional lighting, an etched roof fan grille. The tooling caters for both early disc headcode and four character headcode versions.

Three models are due for release initially covering BR green with indicator discs (Cat No. 371-030), BR blue with headcode boxes (371-031) and BR blue with indicator discs (371-032). A release date had not been specified for the Class 20 as *Hornby Magazine* closed



for press.

The new 'OO' gauge Southern Railway Pillbox brakevan is also making progress and the new tooling will allow for detail differences through modifications to the vehicles during their long working life. It will be available with both left hand and right hand duckets and either standard or two+ planked sides. Two styles of sandbox have also been catered

for together moulded underframe detail for single or equal brake mechanisms.

Five versions are planned covering Southern Railway brown with a white roof and red ends, BR grey, BR bauxite, Southern Region brown with a grey roof and red ends and BR departmental olive green. Release is expected during 2012, but a specific date has not been set.

Pendon marks Madder Valley's Golden Jubilee

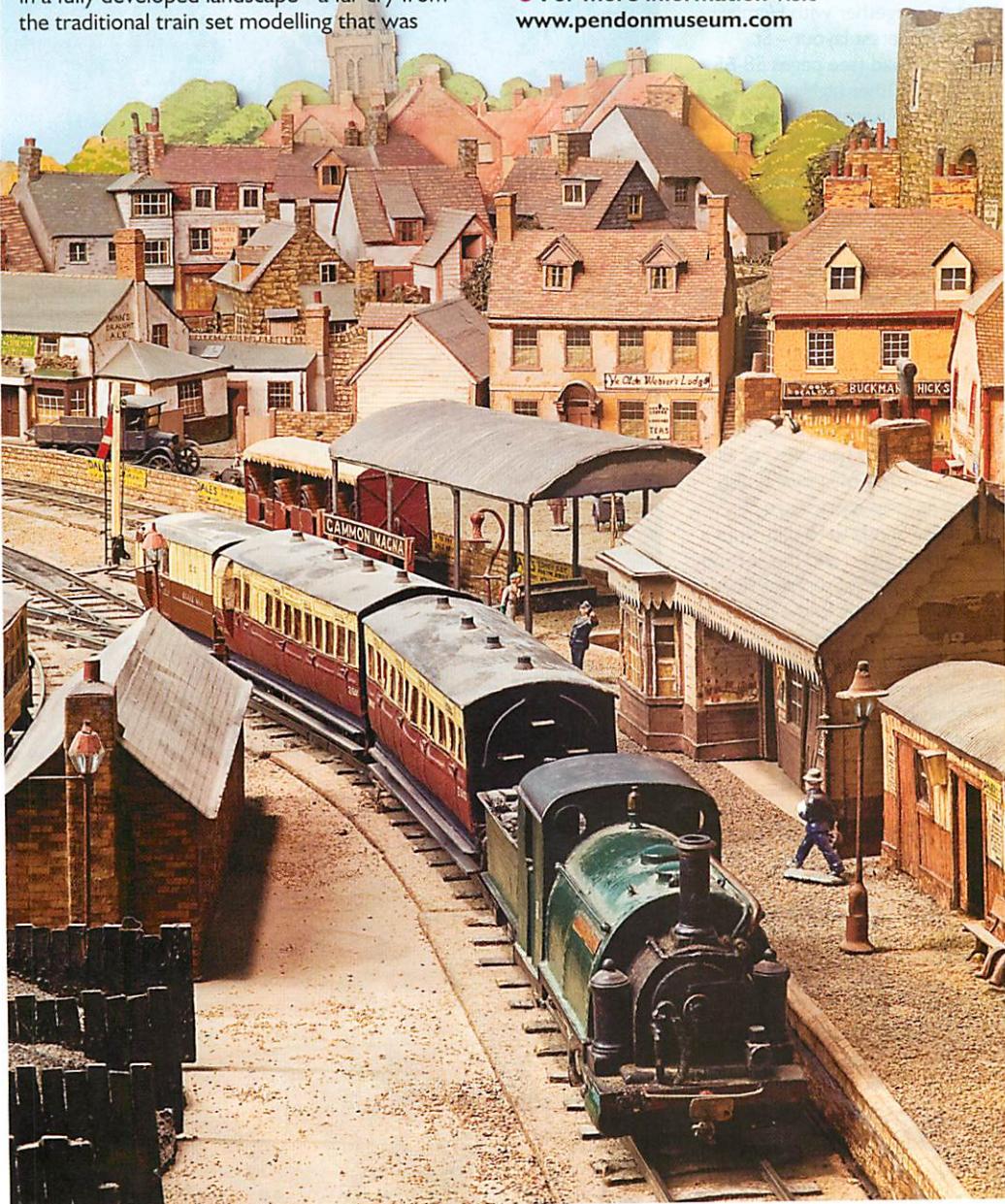
Pendon Museum is marking the 50th anniversary of the epoch making Madder Valley Railway on March 3-4 with a special event which will see it in operation for one of just a few times this year.

In the 1930s John Ahern pioneered the concept of a model railway running through scenery in a fully developed landscape - a far cry from the traditional train set modelling that was

the norm then. Today the layout is regarded as an important historic relic of early railway modelling.

The rest of the museum will be open too, with its other layouts - including the stunning Dartmoor and Vale scenes in operation.

For more information visit www.pendonmuseum.com



WISHLIST 2012 POLL OPENS IN MARCH

The annual MREmag/RMWeb wishlist poll opens on March 19, with a number of changes to previous years in a bid to make it more accessible.

A dedicated team of nine modellers has overhauled the poll's content and amongst other changes is that steam

locomotives are now listed by order of wheel arrangement and with BR running numbers, BR Freight is now split into Steam/Diesel Era and TOPs-coded types for greater clarity, each item listed has had up to six lines of easily-digested text written about it and users can now vote

for what they would purchase.

By making it easier for modellers to vote for their favourite missing models, the organisers hope to provide major ready-to-run manufacturers with a clearer idea of which new models will be most viable.

LNWR SOCIETY OPENS PORTFOLIO TO ALL MODELLERS

The LNWR Society is offering its popular photographic book *The Railway Photographs of P.W. Pilcher* at a new price of £7.75 for a limited period, and it should be of interest to modellers of the Great Western and Great Northern Railways as well as the London and North Western.

The 96 page cardbound A4 book contains a wide selection of informatively captioned photographs, of LNWR, GWR, GNR and other companies' locomotives and trains taken between the 1880s and the 1930s, many in the Shrewsbury area. Brought up in Lincolnshire, educated at Bath and Cambridge, Percy Pilcher was a teacher at Shrewsbury School until his retirement in 1935. The quality of his work, was generally regarded as being of an extremely high standard.

The £7.75 price includes UK postage, and orders with a cheque or postal order payable to the LNWR Society: LNWR Society PSO, 7 Walnut Grove, Winchester, Hampshire SO22 5HR

TCS launches... KEEP-ALIVE POWER MODULES

TCS is now supplying a range of backup power modules to enhance smooth operation on Digital Command Control (DCC) equipped layouts.

When attached to a compatible decoder, the Keep-Alive modules will assist with smooth running across dirty track for approximately 3-5 seconds. The KA1 (£23.96) measures 16.5mm x 26.7mm x 7.5mm and (depending on the locomotive and efficiency of the motor) will power a locomotive at speed step 10 for approximately 2 to 6 seconds. The KA2 measures 33mm x 11.6mm x 9mm will power a locomotive at speed step 10 for approximately 3 to 14 seconds and costs £23.10. Both types are available as 'wires-only' connections or with a fitted plug for an additional £4.28.

For more information, contact DCC Supplies Ltd on 01905 621999.



MODEL RAIL SCOTLAND

BIGGEST EX

MODEL RAIL Scotland is set to become the biggest model railway exhibition ever held in Scotland on the weekend of February 24-26 when the expanded show opens its doors.

The show is 50% bigger for 2012 with the event now spread across two halls of the Scottish Exhibition and Conference Centre in Glasgow. An impressive range of more than 60 layouts and over 70 traders has been gathered together for Model Rail Scotland in an event which also includes 31 society stands and eight demonstrations.

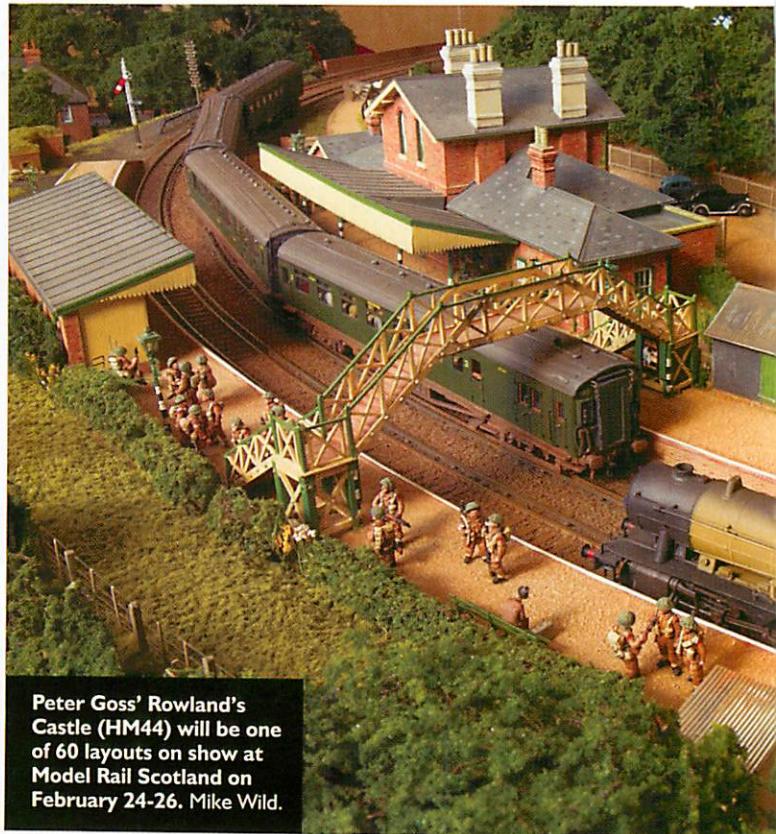
Organised by the Association of Model Railway Societies in Scotland the event will feature 27 guest layouts drawn from across the UK together with 33 Association member layouts.

Four *Hornby Magazine* featured layouts are taking part in the show with John Houlden's fabulous Gamston Bank (HM46), Peter Goss' stunning Rowland's Castle (HM44) and David Ford's

atmospheric Bash Street and Nether Thorpe (HM8) joining the show together with *Hornby Magazine*'s latest layout – St Stephens Road (see pages 58-65 this issue). Other highlights include the Alsager Model Railway Club's superb 'O' gauge layout Hassell Harbour Bridge, Mark Tatlow's delightful Port Chullin representing Scotland in the 1970s and Borthester Market – a long standard exhibition layout originally built by Frank Dyer.

The show sees strong support from manufacturers with Bachmann, Heljan and Hornby all attending the event together with a wide range of traders ranging from retailers to specialists of all natures. *Hornby Magazine* is also hosting its largest presence at Model Rail Scotland to date with a bigger trade stand and the second appearance for St Stephens Road.

The event opens to the public at 11am on Friday February 24. Visit www.modelrail-scotland.co.uk for the latest show information and full details of attending layouts and traders.



Peter Goss' Rowland's Castle (HM44) will be one of 60 layouts on show at Model Rail Scotland on February 24-26. Mike Wild.



John Houlden's Gamston Bank will be bringing the spirit of the East Coast Main Line in the 1950s to Scotland. Trevor Jones.

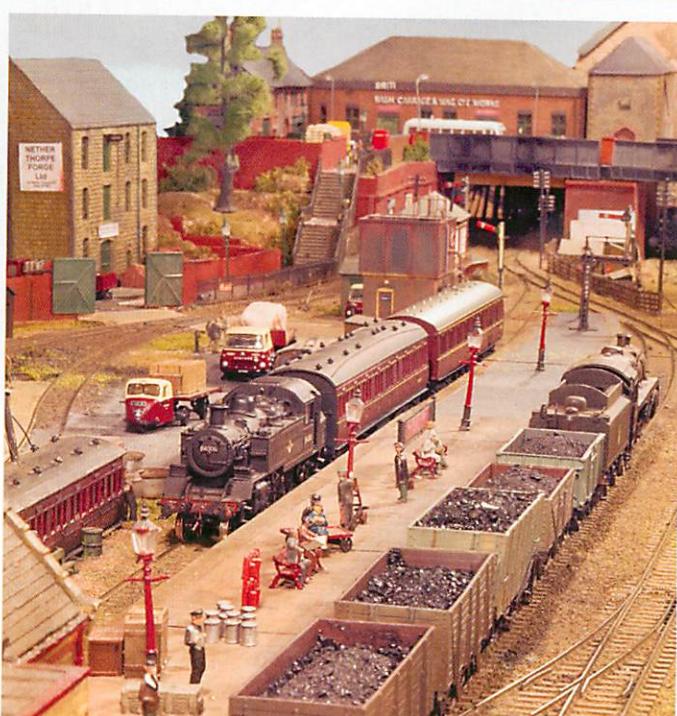
THE DETAILS

| | |
|----------|---|
| When: | February 24-26 2012 |
| Where: | Scottish Exhibition and Conference Centre (SECC), Glasgow (G3 8YW) |
| Times: | Friday February 24 11am-6pm Saturday February 25 10am-6pm Sunday February 26 10am-5pm |
| Website: | www.modelrail-scotland.co.uk |

PRICES

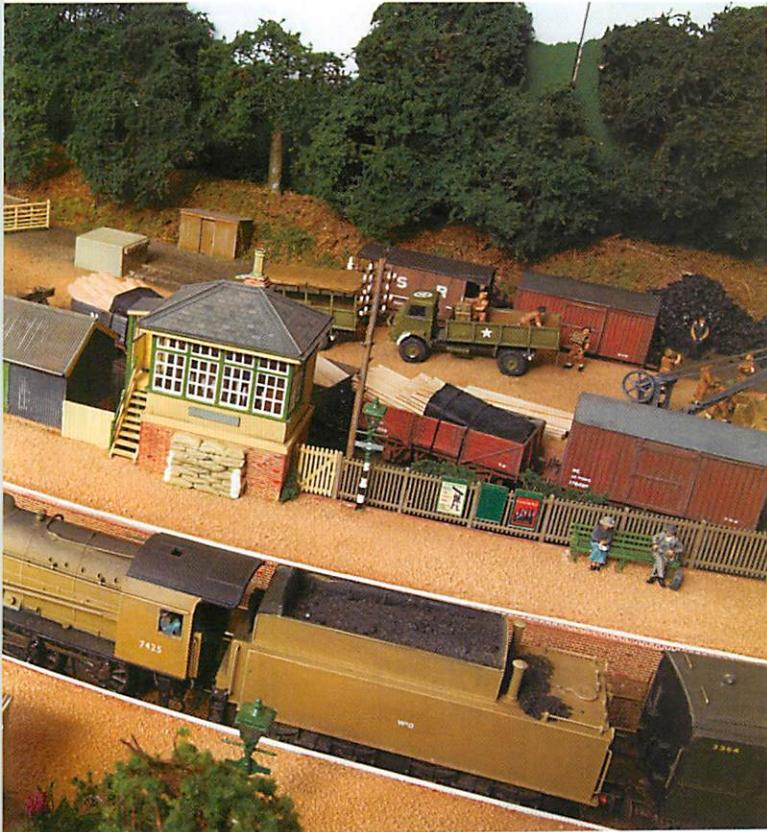
| | |
|----------|---------------------------------|
| Advance: | Adult £9, Child £5, Family £24 |
| Door: | Adult £10, Child £6, Family £25 |

Note: Advance ticket holders gain entry to the event 30 minutes before the official public opening times on each day of the show



David Ford's Bash Street and Nether Thorpe will bow out after Model Rail Scotland – its final show. Mike Wild.

GEARS UP FOR... EXHIBITION



HOW TO GET THERE

Situated just off the M8 motorway, the SECC is within five minutes drive of the city centre and 15 minutes from Glasgow Airport. The SECC has its own railway station and bus terminal linking with Glasgow's excellent public transport system.

By Road: The SECC is just off junction 19 of the M8 motorway with on-site parking available for 3,000 vehicles.

By Rail: Glasgow Central Station is connected with many cities across the UK. The SECC has its own dedicated railway station allowing easy access from the city centre. Six trains an hour run from Glasgow Central Station Platform 15, with a journey time of 10 minutes.

By Coach: All national UK coach operators run services to Glasgow's Buchanan Bus Station from throughout the UK.

By Air: The SECC is 15 minutes away by direct motorway link.

By taxi: An average journey from the city centre will cost around £3.50.

TICKETS

- To purchase tickets online visit the Model Rail Scotland website www.modelrail-scotland.co.uk or alternatively visit the Scottish Exhibition and Conference Centre web site www.secc.co.uk.
- To purchase advance tickets by phone Tel: 0870 040 4000.
- To purchase advance tickets by post: Enclose a stamped, self addressed envelope together with your remittance and forward to: AMRSS, PO Box 19564, Johnstone PA6 7YP.

| LAYOUT | SCALE | EXHIBITOR |
|-----------------------------|--------|---------------------------------------|
| Gamston Bank | 'OO' | John Houlden |
| Borchester Market | 'OO' | Borchester Market Group |
| Keiper Colliery | 'OO' | John Cook |
| New Mills | 'OO' | |
| Chollerford | 'OO' | Dave Millford |
| Rowland's Castle | 'OO' | Peter Goss |
| Bash Street & Nether Thorpe | 'OO' | David Ford |
| St Stephens Road | 'OO' | Mike Wild/Hornby Magazine |
| Crimson Road | 'OO' | Peter Griffiths |
| Harton Gill | 'P4' | Graham Broad |
| Portchullin | 'P4' | Mark Tatlow |
| New Hay | 'EM' | Andy Cooper |
| Saxlingham | 'EM' | Dave Tailby |
| Tan-yr-Allt/Dwffwr Uchaf | 'OO' | Stan Williams/Roger Christian |
| Schull | 'OOn3' | Alan Gee |
| Hassell Harbour Bridge | 'O' | Alsager Model Railway Club |
| Fisherrow Yard | 'O' | Ian Futers |
| Driech | 'O' | Bill McReath |
| Tetfield-under-Bolt | 'N' | Bob Rowlands |
| Imperial Yard | 'N' | Pete Latham |
| Pempoul | 1:50 | Gordon and Maggie Gravett |
| La Baraque | 'S' | Hans Louvet |
| Jacksonville Yard | 'N' | Terry Tasker |
| Andersonville TX | 'N' | David Black |
| Menasha | 'HO' | Wakefield Railway Modellers Society |
| Choates Lane | 'N' | N Gauge Society Stand |
| Ryburn Bridge | 'N' | Peco |
| Gala Water | 'N' | East Kilbride MRC |
| Anvilton | 'N' | Ayr MRC |
| St Andrews & Gaudbridge | 'N' | East Neuk MRC |
| Hewishbridge | 'OO' | 57 Study Group |
| Rosebank Junction | 'OO' | Bonnybridge MRC |
| Dunwoody Halt | 'OO' | Greenock MRC |
| East King Street | 'OO' | Helensburgh MRC |
| Newcastleton | 'OO' | Edinburgh and Lothians MRC |
| Sherrifston | 'OO' | Moray MRC |
| Hyndford | 'OO' | Clyde MRC |
| Paisley Central | 'OO' | Bishopton MRC |
| Devilla Colliery | 'OO' | Stirling and Clackmannan MRC |
| Almond Bridge | 'OO' | Perth MRC |
| Kylestone | 'OO' | Kyle MRC |
| Carndale | 'OO' | Cumbernauld MRC |
| Caley Junction | 'OO' | Aberdeen MRC |
| Bardowie | 'OO' | Glasgow and West of Scotland MRC |
| Albunie Park | 'OO' | Glenrothes MRC |
| Edinburgh Southside | 'OO' | Scottish Modellers |
| Grangemouth | 'OO' | Falkirk MRC |
| Calderside | 'P4' | West of Scotland 4mm Group |
| Coatsby | 'O' | Inverness MRC |
| Trams of Yesteryear | 4mm | Glasgow South Model Tram & Rail Group |
| Twin Rivers | 'HO' | Elgin MRC |
| Phoenix Fruit Express | 'HO' | Thistle MRC |
| Codgers Pass | 'HO' | Clydeside MRC |
| Great Western Railroad | 'On30' | Raven MRG |
| Forthal Schmalspurbahn | 'HOe' | Thistle MRC |
| Larchlap to Candleford | 'G' | G Scale Scotland |

GAUGEMASTER.com

The Online Home of The Engine Shed



PUBLICATIONS

NEW - IN STOCK



GM352
Full Catalogue
£3.25
60 full colour pages
outlining the
GaugeMaster
ranges including all
new items

DIGITAL CONTROL

NEW - IN STOCK



DCC01
Prodigy Express
£139.95
An entry level
Prodigy DCC
system. Contact us
for more
information

PRODIGY ADVANCE2 WIRELESS SYSTEM

DCC03 Wireless Starter Package £49.95
DCC11 Wireless Walkaround £169.95
DCC51 Wireless Conversion Set £259.95

PRODIGY ADVANCE2 DCC SYSTEM

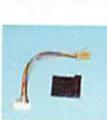
DCC02 Starter Package £254.95
DCC11 Extension Plate £34.95
DCC12 Walkaround Controller £119.95
DCC55 Wired PC Interface £44.95

DCC DECODERS & ACCESSORIES

DCC30 Accessory Decoder £54.95
DCC31 Accessory Decoder for KATO £14.95
DCC40 Auto Reverse Module £37.95
DCC49 8 Amp/Booster £159.95
DCC60 Spare Plugs for DCC02 £2.95
DCC61 Medium NEM Socket £6.95
DCC62 Prodigy RJ12 Universal Lead (2m) £13.95
DCC71 Decoder Tester £13.95
DCC72 21 to 8 Pin Adaptor £3.95
DCC73 25mm JST 9 Pin Harness (2) £4.25
DCC74 80mm JST 9 Pin Harness (2) £4.95

DCC DECODERS

NEW - IN STOCK



DCC25
Std DCC Decoder £12.95
An entry level, great
value decoder
BPDCC25
4 Pin DCC Decoder
5 Pack - £59.95

DCC26
Smll DCC Decoder £15.95
An entry level, great
value decoder
BPDCC26
Smll DCC Decoder
5 Pack - £72.95

OTHER DECODERS

DCC22 Micro Decoder £24.95
DCC23 6 Pin Micro Decoder £24.95

ANALOGUE CONTROL



COMBI Single Track Controller £39.95
CASED CONTROLLERS
100M Single Track Unit £79.95
109M Single Track O Gauge Unit £82.95
10LGB 2.5 Amp G Scale Single Track Unit £94.95

NEW - IN STOCK



10LGB5F
5amp Controller £149.95
Single Track Fan
Assisted Controller,
ideal for G Scale

P Single Track with Inertia £89.95
D Twin Track Unit £89.95
DS Twin Track Inertia £154.95
DF Twin Track with Feedback £89.95
TS Three Track with Inertia £159.95
Q Four Track Unit £159.95
SELECT Single Track Unit £89.95

PANEL MOUNTED UNITS

100 Single Track Unit £32.95
U Single Track with Inertia £39.95
UF Single Track with Feedback £34.95
UD Twin Track Unit £49.95
UDS Twin Track with Inertia £59.95
UDF Twin Track with Feedback £52.95
UQ Four Track Unit £79.95

HANDHELD CONTROLLERS

W Single Track Unit £34.95
WS Single Track Unit with Simulator £54.95
HH Single Track Unit with Feedback £34.95
GM75 DIN Plug for Above Units £2.55

TRANSFORMERS



T1 Output 2 x 16v AC 1.25A £19.95
T2 Output 1 x 18v AC 2.5A £19.95
T3 Output 1 x 24v AC 1.25A £19.95
T4 Output 2 x 12v AC 1.25A £19.95

CASED TRANSFORMERS

M1 Output 2 x 16v AC 1A £44.95
M2 Output 1 x 18v AC 2.5A £49.95
M3 Output 1 x 24v AC 1.25A £49.95
M4 Output 2 x 12v AC 1.25A £49.95
M5 Output 1 x 12v AC 5A £79.95
M8 Output 1 x 20v AC 5A £89.95
M12 Output 1 x 22v DC 5A £82.95

WALL MOUNTED TRANSFORMERS

WM1 Output 1 x 18v AC 1.1A £14.95

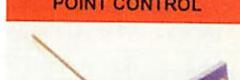
CUTOUTS

GM41 Thermal Cut Out 1A £3.75
GM42 Thermal Cut Out 2.5A £3.75

MODULES/COUPLERS

EM1 N Gauge Uncoupler £7.95
EM2 EM1 Frets (20) £4.75
SS1 Super Shuttle Unit £29.95
SS2 Station Stop Unit £34.95
TLU OO/HO Uncoupler £9.95

POINT CONTROL



PCU1 Cased Point Control Unit £104.95
PCU2 Slave Point Control Unit £49.95

CAPACITOR DISCHARGE UNIT

CDU Capacitor Discharge Unit £12.95

POINT MOTORS

PM-1 SEEP Point Motor with Switch £4.75
PM-2 SEEP Point Motor £4.50
PM-4 SEEP Latching Point Motor w/ Switch £5.50

SWITCHES

GM510 Toggle Switch Non Latching £2.45
GM513 Push to Make Switch Black £2.65
GM514 Push to Make Switch Blue £2.65
GM515 Push to Make Switch Green £2.65
GM516 Push to Make Switch Red £2.65
GM517 Push to Make Switch White £2.65
GM518 Push to Make Switch Yellow £2.65

TRACK CLEANING

HF-1 High Frequency Track Cleaner £34.95
HF-2 High Frequency Double Track Cleaner £44.95
GM26 Value Track Cleaning Rubber £2.75
GM27 Value Track Cleaning Pads (3) £5.25
GM37 OO/HO Track Cleaning Pads (3) £5.25
GM39 N Track Cleaning Pads (3) £5.25

TRACK



GM18 N Gauge Rail Joiners (24) £2.15
GM19 OO Gauge Rail Joiners (24) £1.95
GM44 OO Re-Railer £5.25
GM46 N Re-Railer £2.95

GREY BALLAST & UNDERLAY



GM114 OO Granite Ballast (500g) £3.25
GM115 N Granite Ballast (500g) £3.25
GM117 OO Granite Ballast (200g) £2.05
GM118 N Granite Ballast (200g) £2.05
GM200 OO Ballasted Underlay (5m) £21.50
GM201 N Ballasted Underlay (5m) £21.50

NEW - DUE JANUARY



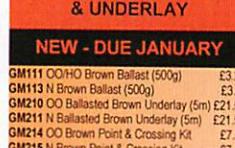
GM204
Point & Crossing
Ballasting Kit £7.50
For use with GM200 (OO/HO)

GM205

Point & Crossing
Ballasting Kit £7.50

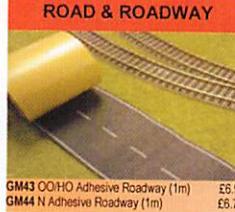
For use with GM201 (N)

BROWN BALLAST & UNDERLAY



GM111 OO/HO Brown Ballast (500g) £3.25
GM113 N Brown Ballast (500g) £3.25
GM211 OO Ballasted Brown Underlay (5m) £21.50
GM212 N Brown Point & Crossing Kit £7.50
GM215 N Brown Point & Crossing Kit £7.50

ROAD & ROADWAY



GM43 OO/HO Adhesive Roadway (1m) £6.95
GM44 N Adhesive Roadway (1m) £6.75

HO/OO DIECAST



GM300 Mercedes L319 Van £2.90
GM302 Mercedes Sprinter Van £2.90
GM308 Alfa Romeo 156 GTAA £2.90
GM311 Dodge Viper £2.90
GM313 VW Mini-Bus £2.90
GM314 VW Beetle Original £2.90
GM315 Jaguar E Type £2.90
GM316 Jaguar Mark II £2.90
GM317 Porsche 356A £2.90
GM318 Range Rover Sport £2.90
GM319 Land Rover Discovery 3 £2.90

CORK PRODUCT



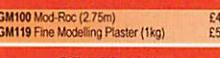
GM130 Cork Sheet 1/16" (3 x 2) £5.25
GM131 Cork Sheet 1/8" (3 x 2) £9.25
GM134 N Cork Railbed (5) £5.95

SCENIC STARTER PACK



GM194 Scenic Starter Kit £26.50

MOD-ROC & PLASTER



GM100 Mod-Roc (2.75m) £4.25
GM119 Fine Modelling Plaster (1kg) £5.25

GRASS MATS



GM160 Light Green Hedging £6.75
GM161 Dark Green Hedging £6.75

FLOCKS & SCATTERS



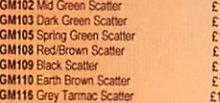
GM145 OO/HO Country Fencing Bulk Pack £8.95
GM146 OO/HO Garden Fencing Bulk Pack £8.95

HEDGES



GM160 Light Green Hedging £6.75
GM161 Dark Green Hedging £6.75

BACKSCENES



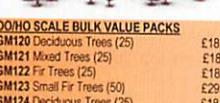
GM150 Spring Grass Mat (100 x 75cm) £7.75
GM152 Summer Grass Mat (100 x 75cm) £7.75
GM154 Autumn Grass Mat (100 x 75cm) £7.75
GM156 Gravel Mat (100 x 75cm) £7.55
GM158 Spring Grass Mat (240 x 120cm) £32.95

TREES



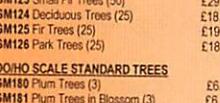
GM101 Light Green Scatter £1.65
GM102 Mid Green Scatter £1.65
GM103 Dark Green Scatter £1.65
GM105 Spring Green Scatter £1.65
GM108 Red/Brown Scatter £1.65
GM109 Black Scatter £1.65
GM110 Earth Brown Scatter £1.65
GM111 Grey Tarmac Scatter £1.65
GM150 Light Green Fine Foliage £7.75
GM151 Dark Green Fine Foliage £7.75
GM152 Mid Green Fine Foliage £7.75
GM153 Light Brown Fine Foliage £7.75
GM154 Brown Fine Foliage £7.75
GM155 Green Fine Foliage £7.75
GM156 Industrial Backscene £7.75
GM157 Household Backscene £7.75
GM158 Village Backscene £7.75
GM159 Small Tree Backscene £7.75
GM160 Mid Green Tree Backscene £7.75
GM161 Valley Backscene £7.75
GM162 Countryside Backscene £7.75
GM163 Open Field Backscene £7.75
GM164 Village Backscene £7.75
GM165 Cloudy Sky Backscene £7.75
GM166 Industrial Backscene £7.75
GM167 Household Backscene £7.75
GM168 Town Backscene £7.75
GM169 Large Size - 274x304mm (108" x 12") £7.75

ROUGH GRASS



GM190 Light Green Rough Grass £8.25
GM191 Dark Green Rough Grass £8.25
GM192 Beige Rough Grass £8.25

BRICKWORK



GM200 Plain Grey Stone Walling £8.75
GM201 Stone Walling with Buttresses £8.75
GM202 Grey Stone Walling with Arches £8.75
GM197 Stone Tunnel Wall £7.25
GM198 Single Tunnel Mouth £14.25
GM199 Double Tunnel Mouth £19.50

LOCOWHEEL CLEANER



GM600 A2 Cutting Mat £19.95
GM601 A3 Cutting Mat £10.95
GM602 A4 Cutting Mat £5.75
GM603 A5 Cutting Mat £3.45
GM604 Round Nose Pliers £7.35
GM605 Flat Nose Pliers £7.35
GM606 Side Cutters £7.35
GM607 Half Round Cutters £7.35
GM608 Bent Nose Pliers £7.35
GM609 Stainless Steel Tweezers £7.50
GM610 Double Ended Pin Vice £5.25
GM611 Saw Set 1 with Handle £10.95
GM612 Trimaway Knife £3.65
GM614 Stainless Steel Scalpel & Blades £5.25
GM615 Plastic Scalpel & Blades £5.25
GM616 Cutting Knives & Blades £5.95
GM617 Pick Up Tool £5.35
GM618 Magnifying Tweezers £5.25
GM619 Precision Lubricator £4.50
GM620 Swivel Top Pin Vice £5.65
GM621 Locking Precision Curved £5.65
GM624 Swivel Top Discs (10) £3.95
GM626 Straight Tweezer Reverse Action £4.15
GM627 Bunt Tweezer Reverse Action £4.15
GM628 Cutting Broaches 0.6-2.0mm £12.95
GM640 Archimedian Drill £5.50
GM641 HSS Jobbs Drills 0.5mm (5) £3.95
GM642 HSS Jobbs Drills 0.8mm (5) £3.95
GM643 HSS Jobbs Drills 1.0mm (5) £3.95
GM644 HSS Jobbs Drills 1.2mm (5) £3.95
GM645 HSS Jobbs Drills 1.5mm (5) £3.95
GM646 HSS Jobbs Drills 1.8mm (5) £3.95
GM647 HSS Jobbs Drills 2.0mm (5) £3.95
GM648 Microdrills 0.3-1.6 £9.95
GM649 Microdrills 61-80 £9.95
GM650 Jobbs Drills 0.3mm (5) £3.95
GM651 HSS Jobbs Drills 0.4mm (5) £3.95
GM552 HSS Jobbs Drills 0.6mm (5) £3.95
GM553 Glass Fibre Refills (10) £6.65
GM556 2mm Glass Fibre Refills (5) £6.65
GM558 Cutting Broaches 0.6-2.0mm £12.95
GM559 Jobbs Drills 0.7mm (5) £3.95
GM560 Jobbs Drills 0.7mm (5) £3.95
GM561 Jobbs Drills 0.7mm (5) £3.95
GM562 Jobbs Drills 0.7mm (5) £3.95
GM563 Jobbs Drills 0.7mm (5) £3.95
GM564 Jobbs Drills 0.9mm (5) £3.95
GM565 Jobbs Drills 1.0mm (5) £3.95
GM566 Jobbs Drills 1.2mm (5) £3.95
GM567 Jobbs Drills 1.5mm (5) £3.95
GM568 Jobbs Drills 1.8mm (5) £3.95
GM569 Jobbs Drills 2.0mm (5) £3.95
GM570 Jobbs Drills 2.0mm (5) £3.95
GM571 100mm Spirit Level £1.95

ACCESSORIES



WIRE
GM111 10m Wire £2.05
Select from Black, Blue, Brown, Green, Grey, Orange, Pink, Red, White or Yellow
WIRE
GM100 100m Reel £7.75
Select from Black, Blue, Brown, Green, Grey, Orange, Pink, Red, White or Yellow

ELECTRICAL ACCESSORIES



GM12 Connecting Leads Ring/Pin (Pair) £4.25
GM13 Connecting Leads Pin/Joiner (Pair) £3.25
GM14 Pin Connectors Hobby Style (6) £2.75
GM15 Ring Terminals (6) £1.75
GM16 Connecting Leads Gaugemaster (6) £1.75
GM28 Crocodile Clips Red/Black £1.50
GM29 Krok for Rotary Switch £2.50
GM30 Krok for 2 Way Switch £2.15
GM31 2 Way Switch £2.15

LICHEN



GM154 Light Green Lichen £4.50
GM155 Mid Green Lichen £4.50
GM156 Dark Green Lichen £4.50

MAGNETS



GM86 Small Magnets (10) £5.00
GM87 Medium Magnets (10) £5.00
GM88 Large Magnets (10) £5.00
GM89 Fuses 5A (5) £2.45

SWITCHES



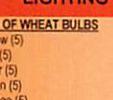
GM501 DPDT Slide Switch £1.50
GM502 DPDT Slide Centre Off £1.50
GM503 SPDT Toggle Switch £2.15
GM504 DPDT Toggle Switch £2.15
GM505 SPDT Mini Toggle Switch Centre Off £2.95
GM506 DPDT Mini Toggle Switch £2.55
GM507 SPDT Mini Toggle Switch £2.25
GM508 SPDT Mini Toggle Switch £2.25

LIGHTING



12v GRAIN OF WHEAT BULBS £3.85
GM60 Yellow (5) £3.85
GM70 Red (5) £3.85
GM71 Clear (5) £3.85
GM72 Green (5) £3.85
GM73 Orange (5) £3.85

LIGHT EMITTING DIODES



GM80 3mm Green (5) £1.95
GM81 3mm Red (5) £1.95
GM82 3mm Yellow (5) £1.95
GM83 3mm Green (5) £1.95
GM84 5mm Red (5) £1.65
GM85 5mm Yellow (5) £1.65
GM67 Resistors 1000 ohm (10) £1.35

TOOLS



**- THOUSANDS OF ITEMS ARE IN STOCK NOW
- WE CAN DELIVER POST FREE TO MOST UK ADDRESSES**

EXCEPTIONS a) Orders below a value of £10 attract a handling charge of £2, b) Orders containing one or more items above a length of 600mm and below a total order value of £25, c) Channel Islands, Isle of Man & Northern Ireland

- NEXT DAY DELIVERY AVAILABLE AT JUST £4.95

For Orders placed before midday by telephone or on our website. Orders placed on a Friday will be delivered next working day. Bank Holidays are as Sundays. Some remote areas are not served, please check when placing your order or see our website for terms and conditions.



Electronic loco controller

EXCLUSIVE & LIMITED EDITIONS



HRS6174 - £22.95

TRANSFEZA Blue Train

Ford Channel Tunnel Express Container Wagon
Supplied with Hornby Couplings

**EXCLUSIVE EDITION
EXPECTED MARCH 2012**

DAPOL

A.MUNDAY
COAL MERCHANT
N°6 BOGNOR

R.TAYLOR & SONS LTD
451 DUNDEE

EXCLUSIVE LIMITED EDITION PRIVATE OWNER WAGONS. JUST 150 PIECES OF EACH MADE

THE COUNTRY GENTLEMANS ASSOCIATION LIMITED
4 LETCHWORTH

STALYBRIDGE CORPORATION GAS DEPARTMENT
WAGON N°18

DAGM05 7 Plank Wagon (WEATHERED) A Munday Bognor £11.95

DAGM06 7 Plank Wagon Country Gentleman's Association £10.95

DAGM07 7 Plank Wagon R Taylor & Sons, Dundee £12.95

DAGM08 7 Plank Wagon Stalybridge Corporation Gas Dept. £12.95



**Gaugemaster Controls Ltd
Gaugemaster House
Ford Road
Arundel
West Sussex
BN18 0BN**

Tel - 01903 884488

Fax - 01903 884377

**E Mail - enginestech@gaugemaster.co.uk
Web - www.gaugemaster.com**

| SOLDERING | |
|---------------------------------|--------|
| NEW - IN STOCK | |
| SOLDERING IRONS | |
| GM680 15W 230v Soldering Iron | £13.95 |
| GM681 25W 230v Soldering Iron | £15.95 |
| GM682 40W 230v Soldering Iron | £16.95 |
| SOLDERING TIPS | |
| GM685 15W No 6 Tip | £2.75 |
| GM686 15W No 8 Tip | £2.75 |
| GM687 25W No 6 Tip | £2.95 |
| GM688 25W No 7 Tip | £2.95 |
| GM689 25W No 8 Tip | £2.95 |
| GM690 40W No 6 Tip | £2.95 |
| GM691 40W No 7 Tip | £2.95 |
| GM692 40W No 8 Tip | £2.95 |
| SOLDER & FLUXES | |
| GM0170 10 Degree Solder (200g) | £3.65 |
| GM0180 180 Degree Solder (200g) | £3.45 |
| GM030 Brass Metal Flux | £5.25 |
| GM040 Brass Flux | £5.25 |
| GM050 Non Acid Safety Flux | £5.50 |
| GM064 145 Degree Solder | £3.95 |

XURON CORP.

KATO
PRECISION RAILROAD MODELS

DELUXE Materials

Contact us for our FREE Deluxe Materials

2011 Full Colour Catalogue

GLUES

AD-8 Aliphatic Resin

AD-10 Speedbond PVA 112g (4oz)

AD-11 Speedbond PVA 500g

AD-12 RC Craft Glue 112g (4oz)

AD-21 Super Phatic

AD-22 Cover Grip

AD-23 Super Cyrylic

AD-25 Scatter Grip

AD-26 Decorator Glue

AD-27 Tacky Glue

AD-31 Wallpaper Paste (100ml)

AD-32 Wallpaper Paste (250ml)

AD-34 Foam 2 Foam

AD-54 Scenic Spray Adhesive

AD-57 Roket Card Glue

AD-55 Glue N Glaze

AD-80 Tissue Paste

AD-81 View Glue (for Backbones)

AD-82 Roket Plastic Glue

AD-63 Plastic Magic (NEW FORMULA)

AD-20 Ground Buffer Stop Track (2)

AD-20 Ground Buffer Stop Track (2)

AD-20 Ground Expansion Track

AD-20-091 Ground Assortment Set

C1 HOTEL, OFFICES & RESTAURANT

C2 Cinema, Post Office & Shop

C4 Regency Period Shops & House

C5 Four Red Brick Terraced Backs

C6 Four Red Brick Terraced Fronts

C7 Red Brick Terrace Corner Shops

D1 Red Brick

D2 Yellow Brick

D3 Engineers Blue Brick

D4 Red Tiles

D5 Grey Slates

D6 Grey Paving Stones

D8 Grey Sandstone Walling (Ashlar Style)

D9 Red Sandstone Walling (Ashlar Style)

D10 Grey Sandstone Walling

D12 Grey Rubble Walling

DCC concepts

COBALT FAMILY PRODUCTS

DCC-AD1 Accessory Decoder

DCC-AD4 4 Way Accessory Decoder

DCC-CMC Added Value Pack

DCC-CMF Silent Operation Foam Pads

DCC-CMK Key Parts Pack

DCC-CLM Ballast Label Pack (20)

DCC-CMSG-C Switch Pack (Green)

DCC-CMSG-C Switch Pack (Red)

DCC-CMSG-S Switch Pack with LEDs

DCC-CP1 Slow Action Point Motor

DCC-CP12 Slow Action Point Motor (12)

DCC-CP6 Slow Action Point Motor (6)

DCC-TMB Template Pack with Pilot Drill

DCC-UNI Universal Decoder

DCC-UNI-2 Universal Decoder

DCC-UNI-4 Universal Decoder

DCC-UNI-8 Universal Decoder

DCC-UNI-16 Universal Decoder

DCC-UNI-32 Universal Decoder

DCC-UNI-64 Universal Decoder

DCC-UNI-128 Universal Decoder

DCC-UNI-256 Universal Decoder

DCC-UNI-512 Universal Decoder

DCC-UNI-1024 Universal Decoder

DCC-UNI-2048 Universal Decoder

DCC-UNI-4096 Universal Decoder

DCC-UNI-8192 Universal Decoder

DCC-UNI-16384 Universal Decoder

DCC-UNI-32768 Universal Decoder

DCC-UNI-65536 Universal Decoder

DCC-UNI-131072 Universal Decoder

DCC-UNI-262144 Universal Decoder

DCC-UNI-524288 Universal Decoder

DCC-UNI-1048576 Universal Decoder

DCC-UNI-2097152 Universal Decoder

DCC-UNI-4194304 Universal Decoder

DCC-UNI-8388608 Universal Decoder

DCC-UNI-16777216 Universal Decoder

DCC-UNI-33554432 Universal Decoder

DCC-UNI-67108864 Universal Decoder

DCC-UNI-134217728 Universal Decoder

DCC-UNI-268435456 Universal Decoder

DCC-UNI-536870912 Universal Decoder

DCC-UNI-1073741824 Universal Decoder

DCC-UNI-2147483648 Universal Decoder

DCC-UNI-4294967296 Universal Decoder

DCC-UNI-8589934592 Universal Decoder

DCC-UNI-1717986916 Universal Decoder

DCC-UNI-3435973832 Universal Decoder

DCC-UNI-6871947664 Universal Decoder

DCC-UNI-1374389536 Universal Decoder

DCC-UNI-2748779072 Universal Decoder

DCC-UNI-5497558144 Universal Decoder

DCC-UNI-1099511628 Universal Decoder

DCC-UNI-2199023256 Universal Decoder

DCC-UNI-4398046512 Universal Decoder

DCC-UNI-8796093024 Universal Decoder

DCC-UNI-1759218648 Universal Decoder

DCC-UNI-3518437296 Universal Decoder

DCC-UNI-7036874592 Universal Decoder

DCC-UNI-1407374912 Universal Decoder

DCC-UNI-2814749824 Universal Decoder

DCC-UNI-5629499648 Universal Decoder

DCC-UNI-1125899920 Universal Decoder

DCC-UNI-2251799840 Universal Decoder

DCC-UNI-4503599680 Universal Decoder

DCC-UNI-9007199360 Universal Decoder

DCC-UNI-1801439680 Universal Decoder

DCC-UNI-3602879360 Universal Decoder

DCC-UNI-7205758720 Universal Decoder

DCC-UNI-1441151744 Universal Decoder

DCC-UNI-2882303488 Universal Decoder

DCC-UNI-5764606976 Universal Decoder

DCC-UNI-1152921392 Universal Decoder

DCC-UNI-2305842784 Universal Decoder

DCC-UNI-4611685568 Universal Decoder

DCC-UNI-9223371136 Universal Decoder

DCC-UNI-1844674272 Universal Decoder

DCC-UNI-3689348544 Universal Decoder

DCC-UNI-7378697088 Universal Decoder

DCC-UNI-1475739416 Universal Decoder

DCC-UNI-2951478832 Universal Decoder

DCC-UNI-5902957664 Universal Decoder

DCC-UNI-1180591536 Universal Decoder

DCC-UNI-2361183072 Universal Decoder

DCC-UNI-4722366144 Universal Decoder

DCC-UNI-9444732288 Universal Decoder

DCC-UNI-1888946456 Universal Decoder

DCC-UNI-3777892912 Universal Decoder

DCC-UNI-7555785824 Universal Decoder

DCC-UNI-1511157168 Universal Decoder

DCC-UNI-3022314336 Universal Decoder

DCC-UNI-6044628672 Universal Decoder

DCC-UNI-1208935344 Universal Decoder

DCC-UNI-2417866688 Universal Decoder

DCC-UNI-4835733376 Universal Decoder

DCC-UNI-9671466752 Universal Decoder

DCC-UNI-1934333304 Universal Decoder

DCC-UNI-3868666408 Universal Decoder

DCC-UNI-7737332816 Universal Decoder

DCC-UNI-1547466560 Universal Decoder

DCC-UNI-3094933120 Universal Decoder

DCC-UNI-6189866240 Universal Decoder

DCC-UNI-1237973280 Universal Decoder

DCC-UNI-2475946560 Universal Decoder

DCC-UNI-4951893120 Universal Decoder

DCC-UNI-9873786240 Universal Decoder

DCC-UNI-1974757280 Universal Decoder

DCC-UNI-3949514560 Universal Decoder

DCC-UNI-7899033120 Universal Decoder

DCC-UNI-1579806560 Universal Decoder

DCC-UNI-3159613120 Universal Decoder

DCC-UNI-6319226560 Universal Decoder

DCC-UNI-1263853120 Universal Decoder

DCC-UNI-2527706240 Universal Decoder

DCC-UNI-5055412480 Universal Decoder

DCC-UNI-1011082880 Universal Decoder

DCC-UNI-2022165760 Universal Decoder

DCC-UNI-4044331680 Universal Decoder

DCC-UNI-8088663360 Universal Decoder

DCC-UNI-1617733120 Universal Decoder

DCC-UNI-3235466560 Universal Decoder

DCC-UNI-6471533120 Universal Decoder

DCC-UNI-1294333120 Universal Decoder

DCC-UNI-2588666560 Universal Decoder

DCC-UNI-5177333120 Universal Decoder

DCC-UNI-1035466560 Universal Decoder

DCC-UNI-2071733120 Universal Decoder

DCC-UNI-4144333120 Universal Decoder

DCC-UNI-8288666560 Universal Decoder

DCC-UNI-1617733120 Universal Decoder

DCC-UNI-3235466560 Universal Decoder

DCC-UNI-6471533120 Universal Decoder

STATISTICS

| | |
|----------|---|
| Owner: | East Riding Finescale Group |
| Scale: | 4mm |
| Length: | 40ft |
| Width: | 21ft |
| Track: | Hand built |
| Control: | Analogue |
| Period: | 1955-1965 BR Eastern and Midland Regions |



A Stanier 'Jubilee'
restarts from
Market Weighton as an '8F'
2-8-0 clanks slowly across
the level crossing with a
coal working.

Market

Mally Baker and friends built a spectacular and gigantic model of this after a remarkable resurrection, it is ready for a new sojourn on the



Weighton

long closed but fondly remembered junction station in East Yorkshire in the 1990s and now, exhibition circuit - if it can find a new home. **NEIL RIPLEY** reveals all. *Photography, Mike Wild.* »



SITUATED in the shadows of the Western side of the Yorkshire Wolds, the small East Yorkshire market town of Market Weighton has long been an important centre. Several important trade routes converged there, encouraging the development of the town. In time this was emulated by the railways which saw the development of the town's railway station from the terminus of a single route to York into a very busy junction at the focal point of a quartet of routes from York, Beverley, Driffield and Selby.

The town's impressive station with its overall roof, (like so many in the region the work of the prolific architect G T Andrews and often seen as excessive), saw its first passengers on October 3 1847 with the opening only three days behind the planned schedule of the line to York. This and the line Westwards to Selby opening the following year were the work of the York & North Midland Railway.

The proposed line through to Beverley giving access to Kingston Upon Hull and the docks was not completed in spite of many protests from local merchants and Market Weighton was the terminus of these two lines for the next 17 years. Absorption into the North Eastern Railway in 1854 ultimately led to the opening of a line through to Beverley in 1865. The last line, a link through to Driffield as a way of giving a more direct route through to the popular coastal resorts of Bridlington and Scarborough from the West Riding came in 1890.

The station's associated engine shed and

turntable, though remaining, saw little use but for the stabling of banking engines from this point.

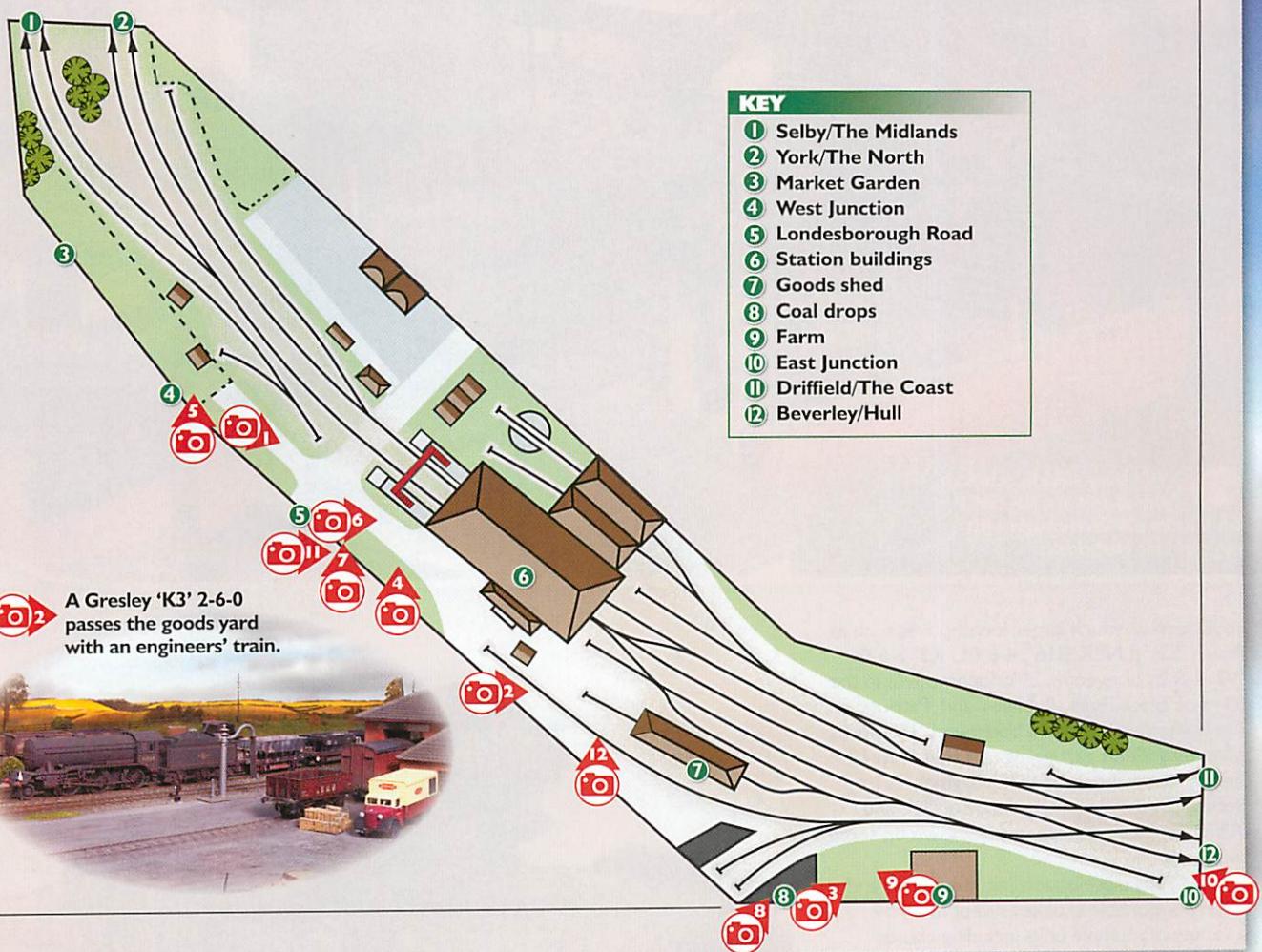
Market Weighton was a crossroads of the well patronised Hull-York and Selby-Driffield routes for the better part of a century. Traffic was dense with through freights from the docks on the former and weekend holiday traffic in season on the latter, while the town and local farms in the area kept the station and its sizable goods facilities well patronised. Notable freight commodities included an inflow of coal, fuel oil and agricultural machinery balanced against steady outflows of cattle, grain and vast amounts of carrots. All of these were handled by the regular pick-up goods services on each of the routes.

Varied power

The proximity to the major depots at Hull and York, the demands of the steeply graded routes and variety of longer distance workings traversing the lines could produce some interesting and unusual motive power. Though for much of the station's history and right up to their ousting by 1950s dieselisation the local passenger services were in the hands of 4-4-0s such as 'D20s' and latterly 'D49s'. The long distance and heavier workings such as the through freights and holiday workings to the coast from the Midlands and West Yorkshire »



MARKET WEIGHTON TRACK DIAGRAM (Not to scale)



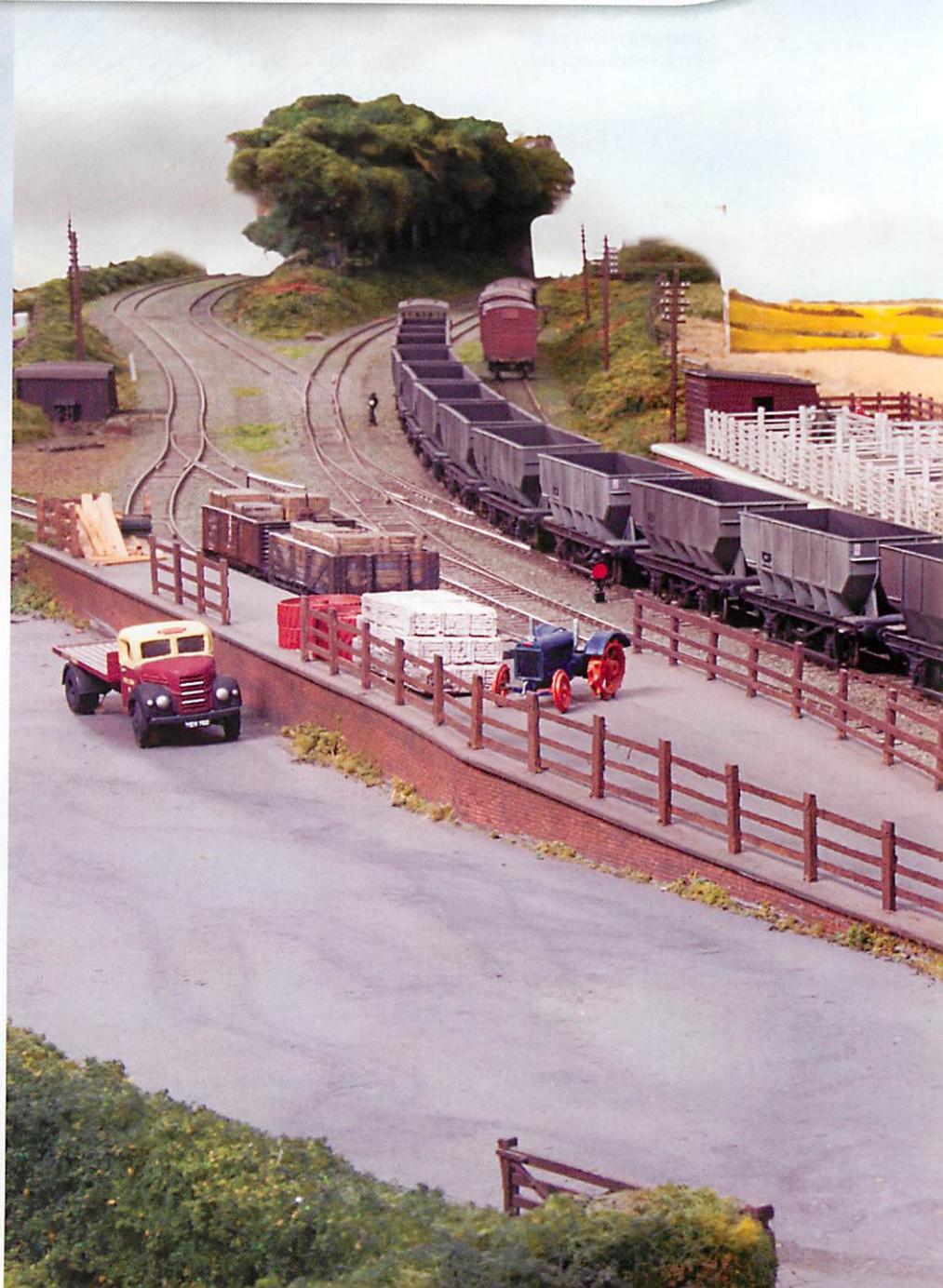


could turn up much larger locomotives such as Raven 'S3s' (LNER 'B16') 4-6-0s, 'K3' 2-6-0s, 'V2' 2-6-2s or even ex-LMS locomotives in the form of 'Black Fives', 'Jubilees' and 'Patriots' or - as unlikely as it seems - borrowed '3F' 0-6-0s piloted by 'D49s' struggling together with 12 heavily loaded coaches of holidaymakers from South Yorkshire! Latterly displaced 'A1' and 'A3' class 'Pacifics' were not unknown on some workings.

Late 1950s dieselisation saw the 4-4-0s and often pensionable coaches swept away by a variety of multiple units including classes 104 and 105 ably supported by Class 37s and Class 40s on heavier trains. The Midland trend continued on the weekend workings with 'Peaks', Class 47s and Class 24s noted working through on journeys to and from the coast. In spite of dieselisation the local freight workings were almost exclusively steam hauled to the end. The preserve of LNER and ex-NER 0-6-0s for much of their time, these were only completely replaced in the final years by 'WD' 2-8-0s, 'B1' 4-6-0s and BR Standards.

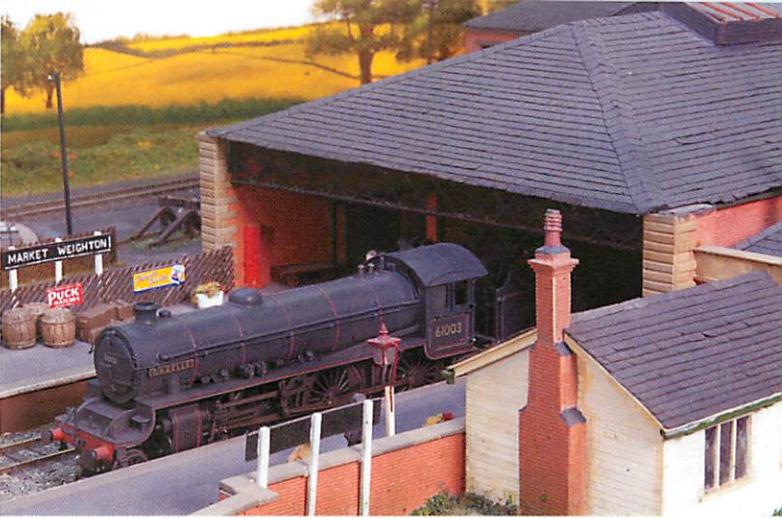
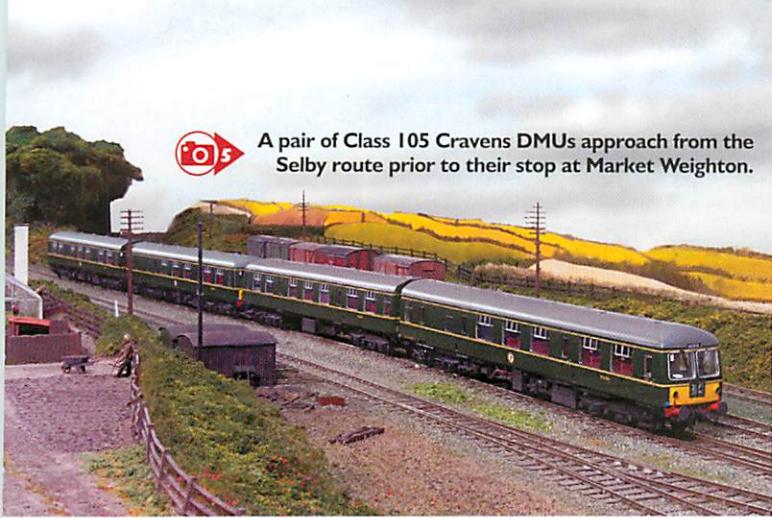
Such was the economic importance of these two routes to the East Riding that in 1961 a bold programme of modernisation, which included some track singling, new signalling and automatic crossings, was approved in order to safeguard the route against road competition. However this plan was never completed and the routes highlighted in Beeching Report were never given the safeguarding investment they required.

Despite widespread protest, counter proposals and the well-documented likelihood of negligible saving in costs from shutting the lines by the end of 1965 Market Weighton was no longer part of Britain's railway network. The region's development suffered and there is a growing campaign to re-open the much-missed Beverley-York line at least. The closure was not without its irony though as despite all the publicity, one ill-informed teenager hailing from the neighbouring village of Newbald with intentions of catching a Hull train turned up at Market Weighton station over a week after the





A pair of Class 105 Cravens DMUs approach from the Selby route prior to their stop at Market Weighton.



last one ran! That very same individual would subsequently be instrumental in creating the model you see here.

Model development

Now this might come as a surprise, but the model you see here is far from a new layout. It is actually over 20 years old! Its entire existence harks back to a model railway show in Hull way back in 1985 when Mally Baker, (our one time ill-informed teenager from Newbald and now more awake and aware of his surroundings),

made the monumental decision to embark on his first exhibition layout project. The model, which was a private venture and not a club funded project, took himself, his family and a group of like minded and determined modellers around six years to reach a state of readiness for its first exhibition. When finished it was a near scale representation of the station as it was in the 1930s. As such the model exceeded his initial estimates of 24ft x 12ft and even when employing some compression of the station approaches and yard came in at 40ft x 21ft!

The finished model is by no means rectangular as the scenic frontage proscribes the curve of the prototype between the two junctions. This means that of the six boards that make up the scenic frontage no two are alike and only that holding the station building has four right angle corners!

In operation the layout is designed to work as two interlaced circles with the station area acting as a giant diamond crossing. Trains running on the Beverley-York and Selby-Driffield routes (or vice-versa) have

»



Top: The overall roof dominates the scene as a Thompson 'B1' receives the 'right away'.



A 'WD' passes the signalbox for Market Weighton with empty 20-ton coal hoppers.



respective arrival and departure roads at the East and West junctions opposite to each other. This means that to return on the same route trains have to cross over again off scene. To achieve this, and to save a further set of complex pointwork the fiddle yard loops were arranged on two levels. The higher set to the rear serves the Beverley-York route and the lower front set of loops the Selby-Driffield lines.

A pair of narrow curved section baseboards connects each of the sets of lines from the junctions at the ends of the scenic sections with the respective fiddle yard roads. With the set at the York route climbing up and over that of the Selby line to effect the re-crossover to the routes which also keeps the longer trains (up to 15 coaches double-headed) of the Selby-Driffield line on the flat.

It was a complicated baseboard arrangement, but capably handled at the time by cabinet maker Colin Stark, who is of course now well known within the hobby as he is heavily involved in creating the same on a daily business through his own company Black-Cat Baseboards.

Just as complicated was the trackwork, all of which is SMP on the scenic area, with all copper-clad point-work and junctions hand-built in situ by Mally himself. These were

powered in those pre DCC days by ex-Post Office relays through a wire-harness electrical system from a central control panel, which also handles all of the electrical sections for the layout. DC control with section switching throughout the layout's eminently reliable electrical system was the design and work of well known Hull based Southern-Electric Modeller John Wass.

Given that the prototype is just half an hour down the road it will come as no surprise that on site research played a major role in getting the topography and scenic look of the model right. However in the case of the buildings only the two railway cottages and rear wall of the coal drops remain as the station buildings, by then in a state of disrepair, were swept away in 1978 and a housing development now occupies the site. Much of the trackbed of the Beverley-York line remains outside of the town and now forms part of a nature-trail footpath appropriately called Hudson Way. In the case of the structures many photographs and copies of original plans were obtained to work from. Each of the buildings was created from plasticard over a plywood shell with all small parts and windows created from scratch: some of the station windows for instance are made of 38 pieces of microstrip each. The

station building at over three and a half feet long and similar length goods shed each feature full interior detail and took over six months each to complete.

Though Mally handled the creation of the structures on the layout himself the creation remainder of the sceneries were placed in the hands of myself (then barely out of my teens and with no prior experience of building a layout to exhibition standard). The basic painted wire and plaster shell was covered with a blend of available scatter materials, lint based grass areas and plumber's hemp for wheat fields - how times and materials have changed! Mally's daughter Angela put her own artistic creativity to use in adding floral displays to the platforms and station gardens and the whole scene greatly enhanced with a superb hand painted back scene from local artist Bill Tock.

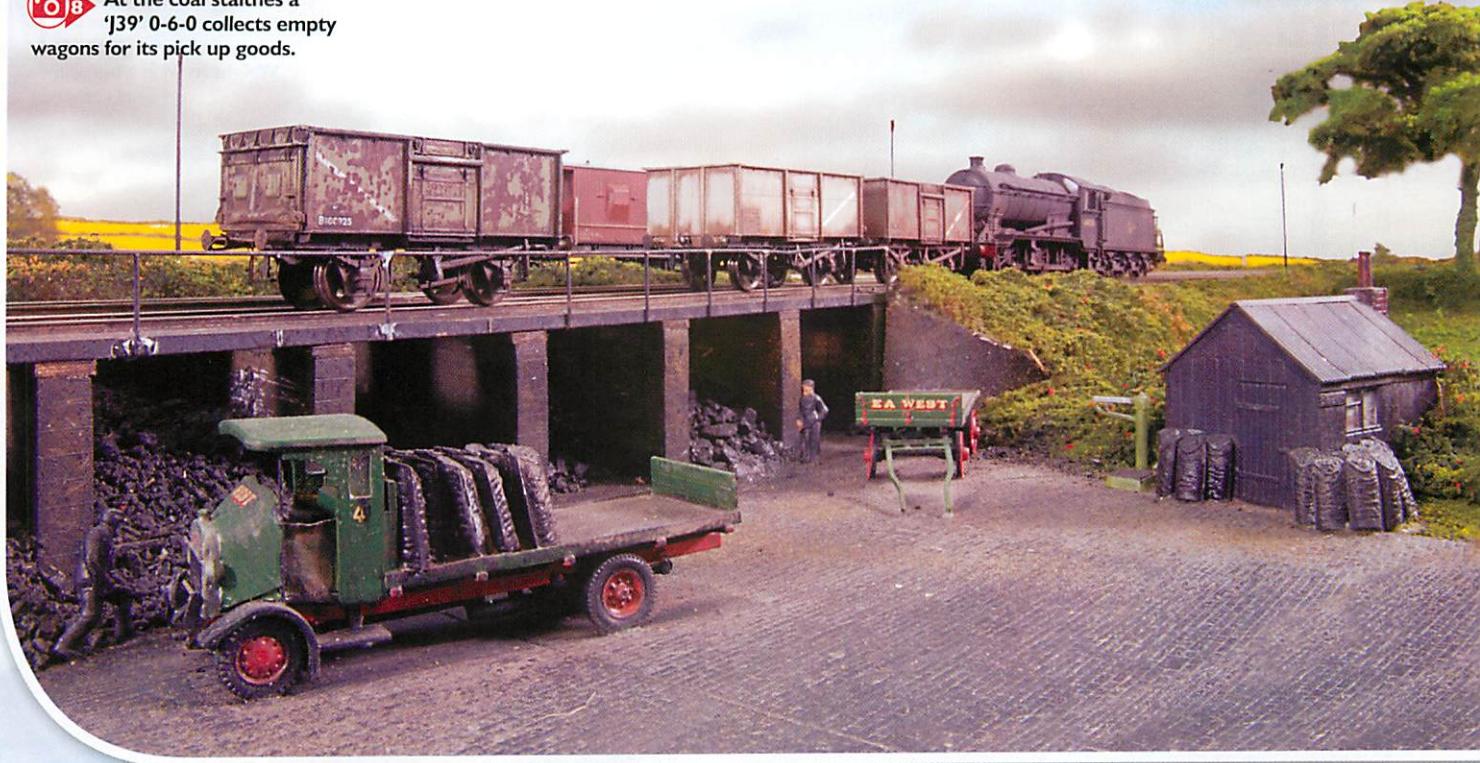
Bringing it to life

Featuring a range of prototypically correct kit built and modified ready-to-run models in LNER and LMS liveries of the 1930s and featuring 15 coach passenger trains and 40-50 wagon heavy freights, the layout was launched onto the exhibition circuit and an appreciative local audience at the Hull Miniature Railway Society's exhibition in 1991. It subsequently ➤





At the coal staithes a 'J39' 0-6-0 collects empty wagons for its pick up goods.



The vast environs of Market Weighton station are clear to see as a BR '9F' 2-10-0 passes through with a long mixed goods.





A Stanier '8F' takes the Beverley/Hull line after passing through Market Weighton with a bulk flow of cement.



visited Market Weighton for a local festival event, plus a handful of model railway shows across the North of England over the following decade. We even made it onto national television at one point via a trip into the BBC Blue Peter studio - and yes we do have the badges to prove it!

However, although careful design meant that transport costs could be kept very reasonable, we feel that the model's sheer size - big enough to park the transporting van in the middle of the layout and it not be in the way of operating - at a time when a lot of shows were still held in small school halls and classrooms severely limited the number of shows it could attend. In that respect it is perhaps a layout ahead of its time as its size would be far more suited to the exhibition circuit of today whereby we have shows in the likes of the NEC, SECC and many large sports halls and exhibition centres into which it would fit it with ease. Therefore with other smaller models, such as our famous 'EM' gauge shipyard model Walker Marine already popular on the circuit the decision was taken to accept the opportunity to sell Market Weighton on to a model railway collector in Halifax in 2001.

However that is not where the story ends. After another decade and a lot of grey hairs later, a chance conversation at a 7mm show held in that very same Halifax exhibition hall led to the 'East Riding Finescale Group' having the opportunity of acquiring and bringing this important model back home to East Yorkshire.

This particular group of independent modellers has a vested interest in ensuring the future of the model as the original designer and many of the original builders are included within its membership. It seems that the purchaser had never used the model for its intended purpose and that it had remained well protected and in dry store for the intervening decade in the condition that we had last packed it away at its final 2001 showing until his passing in early 2011.



As such after transport back to our Hull base and a thorough deep clean to remove the dust and spiders the model was extensively tested and found to be in excellent order despite its long sojourn in store. Since then the 20 year old scenics have been sympathetically upgraded with more modern Woodland Scenics materials that were not available to us at the time of construction. The only issue we have had to tackle is that the original station footbridge and signals built for the layout, (which were boxed separately) have disappeared at some point. However a modified Hornby footbridge has been installed as a stop gap, although it should have an additional pair of steps to the road side as well to be truly correct.

The future

Now it is very clear to us that the model is well suited to today's exhibition circuit and modern methods of control. A rewire for DCC with the route setting technology available to us modellers today would totally transform operation as much as the quality of locomotive and rolling stock available out of the box. For certain it wouldn't take much research to make the required changes to the station (such as the removal of the overall roof in favour of canopies over the



platforms) and upgrade all of the rest of the scenic features to 1950s and 1960s condition so that the full potential of the later period and the traffics which were handled or passed through could be shown on the model beyond the limited amount we did for the photographs you see here.

However the loan of the model to the Minster Rail group for inclusion in a month long display in Beverley Minster about its campaign to re-open the Beverley to York line is all we have planned for it as we have many commitments

with other East Riding Finescale Group projects.

In truth and all seriousness we are seeking a good home with an individual or group with the space and vision to take the layout on and develop it for the model railway exhibition circuit so that the layout can now perhaps reach the potential it has always had in it from the start. So if you think that you might be able to offer this old but low mileage layout such a home and future we can be contacted via the Hornby Magazine editorial office. 



Top: At more than 3ft long Market Weighton's station building is an imposing structure. It was built entirely from scratch by the layout's creator Mally Baker.



Below: A Thompson 'B1' simmers outside the station with a rake of Gresley corridor stock. The burnt out brakevan is one of several built by Neil Ripley.



Visiting Skipton?
See the full range of Metcalfe kits at
CAVEN MODEL CENTRE
Mount Pleasant, High St. Skipton

METCALFE

READY CUT CARD KITS

For all Metcalfe ready cut card kits and to order online, visit...

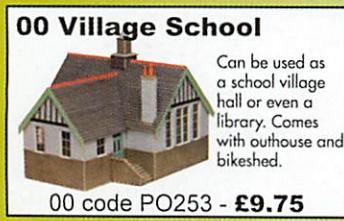
MetcalfeModels.com



00 code PO251 - £8.99



00 code PO252 - £10.20



00 code PO253 - £9.75



00 code PO250 - £8.99



N code PN150 - £7.75



00 code PO254 - £10.99

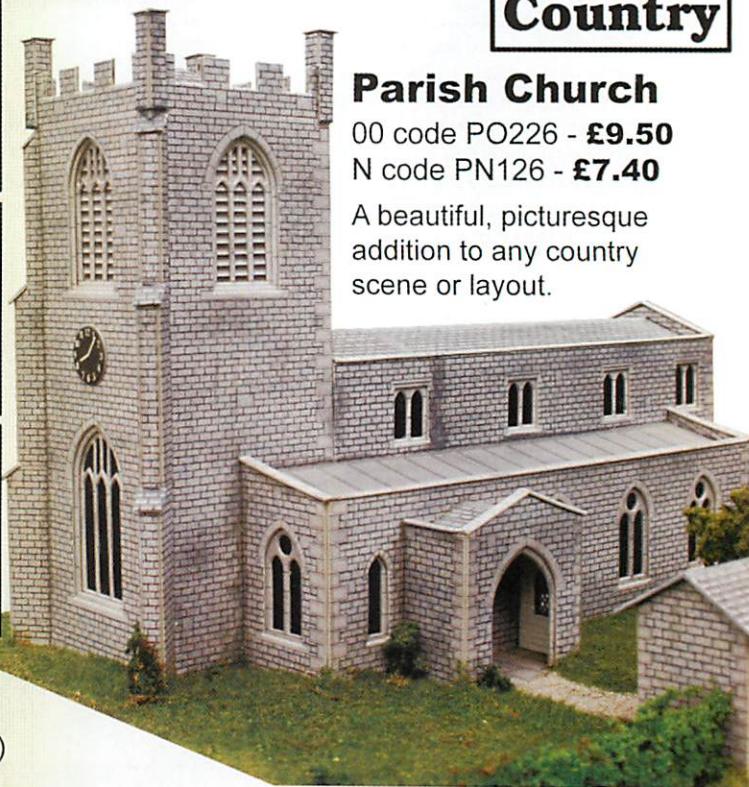
Country

Parish Church

00 code PO226 - £9.50

N code PN126 - £7.40

A beautiful, picturesque addition to any country scene or layout.



NEW! the new improved **Workers Cottages**

PO255 - £10.99. It is a redesign of the discontinued kit
Railway Workers Cottages code PO218 (Still available in N)



00 Red Brick code PO261 - £9.50

N Red Brick code PN103 - £7.75

00 Stone code PO262 - £9.50

N Stone code PN104 - £7.50

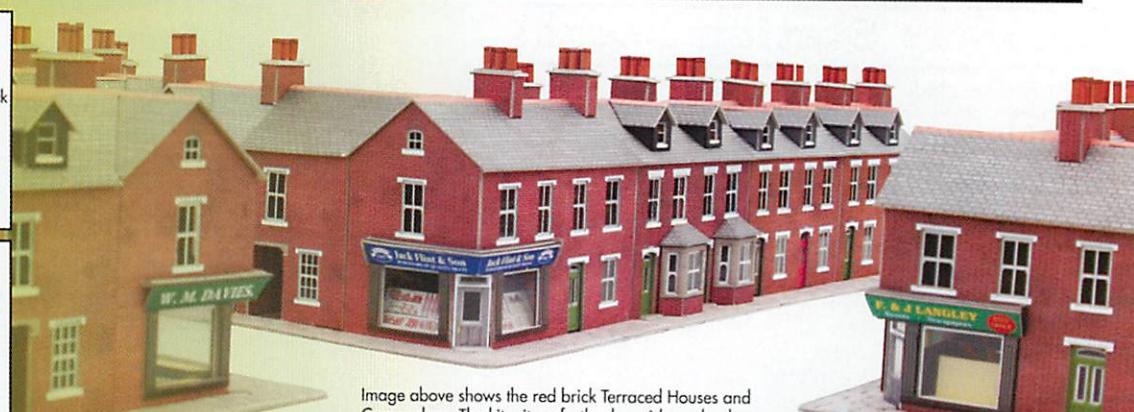


Image above shows the red brick Terraced Houses and Corner shop. The kits sit perfectly alongside each other to form superb terraced rows.



00 Red Brick code PO263 - £10.20

N Red Brick code PN116 - £7.75

00 Stone code PO264 - £10.20

N Stone code PN 117 - £7.75



00 code PO281 - £12.99



00 code PO271 - £11.50



00 code PO205 - £7.75



00 code PO206 - £9.20

N code PN170 - £6.30

Postage on orders
up to £19.99 - £2.50
£20 and over - £4.50
Outside UK at cost

METCALFE

READY CUT CARD KITS

Mail orders to:

Metcalfe Models, Bell Busk,

Skipton, North Yorkshire, BD23 4DU

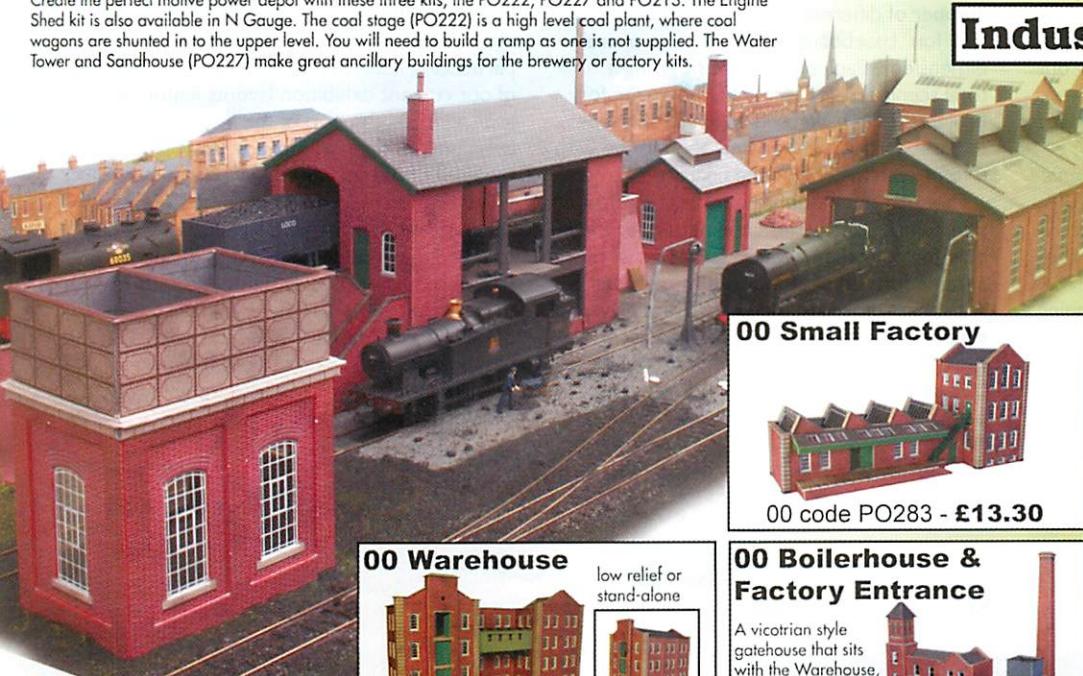
If paying by cheque, make payable to Metcalfe Models (don't forget postage!)

To request a catalogue and full price list, send your name, address and 2 x 1st Class stamps

Telephone Orders:

01729 830 072

Create the perfect motive power depot with these three kits, the PO222, PO227 and PO213. The Engine Shed kit is also available in N Gauge. The coal stage (PO222) is a high level coal plant, where coal wagons are shunted in to the upper level. You will need to build a ramp as one is not supplied. The Water Tower and Sandhouse (PO227) make great ancillary buildings for the brewery or factory kits.



Accessories
NOT included

00 Warehouse



low relief or
stand-alone

00 code PO282 - £13.30

00 Small Factory



00 code PO283 - £13.30

00 Boilerhouse & Factory Entrance

A victorian style
gatehouse that sits
with the Warehouse,
Small Factory and
Brewery

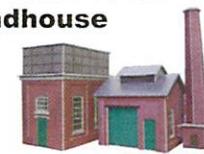
00 code PO284 - £13.30

Engine Shed



00 code PO213 - £14.75
N code PN113 - £6.75

00 Water Tower & Sandhouse



00 code PO227 - £7.40

00 Coal Stage

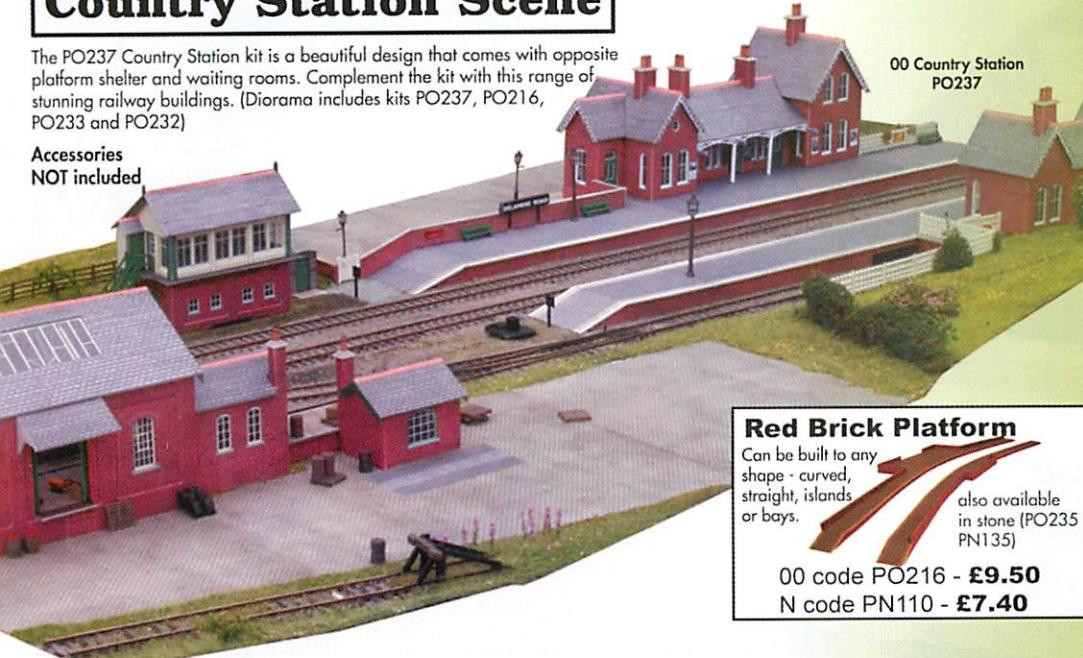


00 code PO222 - £7.40

Country Station Scene

The PO237 Country Station kit is a beautiful design that comes with opposite platform shelter and waiting rooms. Complement the kit with this range of stunning railway buildings. (Diorama includes kits PO237, PO216, PO233 and PO232)

Accessories
NOT included



Red Brick Platform

Can be built to any
shape - curved,
straight, islands
or bays.

00 code PO216 - £9.50

N code PN110 - £7.40

Country Station



00 code PO237 - £12.75
N code PN109 - £6.50

00 Signal Box

Also includes plastic
components



00 code PO233 - £7.99

Goods Shed



00 code PO232 - £12.99
N code PN112 - £6.75

Back to BASICS

Building

BASEBOA

HERE AT the *Hornby Magazine* office it has been a hive of activity during January. Not only have we been preparing layouts for exhibitions with Bolsover and Berrybridge venturing out within two weeks of each other, but we've also been pressing ahead with the baseboards for Project 12 (HM56).

This new layout features a 16ft x 3ft scenic area and in total it will be 24ft long and 10ft wide making it the most ambitious project we have tackled to date. During January the focus of attention for Project 12 was the baseboards and supports. For the time being we are concentrating purely on the scenic

section due to time and space restrictions, but this is also helping to simplify the build as it concentrates our energy on one area of the layout rather than it being split between a number of different parts.

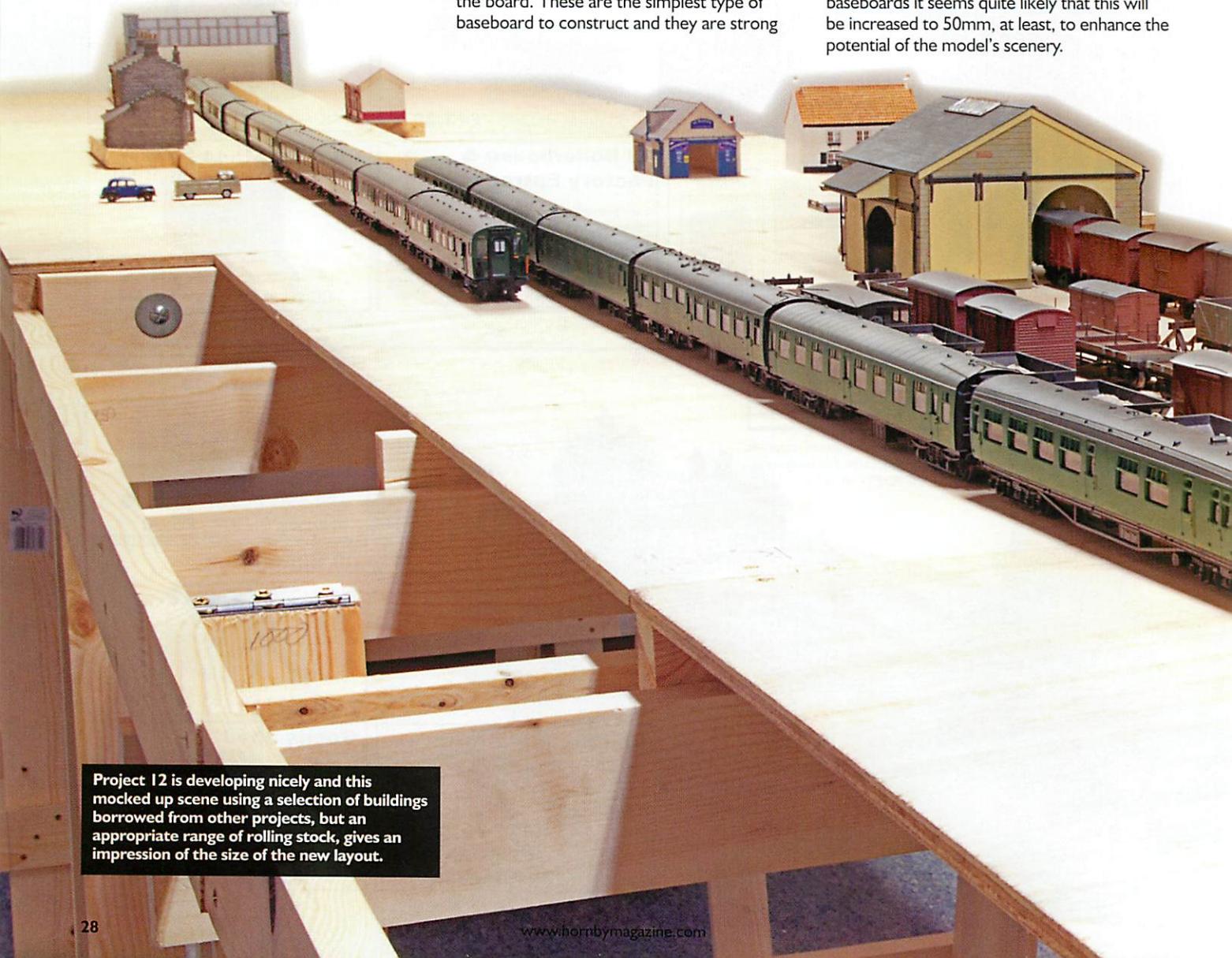
All four baseboards have the same overall dimensions. Each one is 4ft x 3ft giving a total scenic area of 16ft x 3ft. However, for Project 12 we have used two different types of baseboard – solid top and open frame with two of each making up the final arrangement.

The solid top baseboards, except in their size, follow exactly the same pattern as those built for our other layouts. They consist of a frame formed of 69mm x 20mm timber with cross braces topped with 9mm plywood sheet to cover the entire 4ft x 3ft area of the board. These are the simplest type of baseboard to construct and they are strong

and rigid. The deep 69mm frame offers plenty of protection for the future installation of electrics beneath the baseboard surface too.

However, what solid top baseboards don't allow for is scenery below the level of the railway and this is something we were particularly keen to add to Project 12 as none of our current exhibition layouts feature this aspect. To do this two of the baseboards have been built as open frame structures to drop the level of the scenery below the railway.

The drop introduced is only modest at 25mm and in fact at this point we have purposely only screwed these baseboard frames together so that should we decide to modify them in the short term it will be a very simple and quick process. Having viewed the assembled baseboards it seems quite likely that this will be increased to 50mm, at least, to enhance the potential of the model's scenery.



Project 12 is developing nicely and this mocked up scene using a selection of buildings borrowed from other projects, but an appropriate range of rolling stock, gives an impression of the size of the new layout.

RDS

Baseboards are an essential part of a reliable model railway. **MIKE WILD** explains how the baseboards for the scenic section of Project 12 have been built, whilst offering tips and options to those planning their next model railway.

Baseboard materials

Choosing the right materials for model railway baseboards is important. At *Hornby Magazine* we have a standard set that we use. This isn't the only option, but we know what we like to work with and how it reacts.

Our first choice for the baseboard top is 9mm plywood. This is light and strong and is also easy to cut without creating excessive dust unlike, for example, Medium Density Fibreboard (MDF) which creates a very fine dust when cut. For baseboard frames we use planed timber and nine times out of ten it is 69mm x 20mm.

There are a number of other options available. Some modellers swear by Sundeala board as it offers a rigid, stable, light and easy to work material which accepts and holds track pins with ease. Other alternatives include MDF, although this material is notorious difficult to insert track pins into, and chipboard, but this is a heavy board and isn't well suited to portable layouts.

When purchasing sheet timber it is worth shopping around and finding a retailer which stores its materials flat, rather than vertical, as sheet timber stored vertically soon moves out of shape making it difficult to use for model railway baseboards.

The same is true of planed timber battens.

When selecting your materials don't immediately go for the first pack on the shelf. If they have been stored upright chances are at least one length will be bowed in one plain or the other so check before buying.

For Project 12 we are using 69mm x 20mm timber for the majority of the baseboard frames, but for the open frame sections we have introduced 94mm x 20mm timber to lower the baseline of the board and create the scenic area below the level of the railway as shown in the step by step guide.

Support structure

To support a model railway there are several choices. For a permanent home layout this could be as simple as a pair of drawers or low height cupboards, but for self supporting layouts a dedicated set of legs is ideal.

These can be of a hinged design to fold down from the frame of the layout, permanently fixed legs or, as in the case of Project 12, trestles. Trestles are highly versatile and for our layouts actually save on work both during construction and at the point of assembly for exhibitions.

The trestles that we build fit within the baseboard frame while offering support to the timber sides of the boards. This is achieved by setting the legs in by 25mm so that the horizontal cross braces overhang the upright legs. Once assembled trestles are very sturdy and make assembly of a layout quick too.

As with our previous layouts the trestles for

Project 12 are constructed entirely from 69mm x 20mm timber using 3.5x30mm wood screws to fix the battens together. At the top a pair of 63mm hinges are fixed to the upper ends of the vertical legs while a chain linked to the two lower cross members stops the trestles from spreading too far under load.

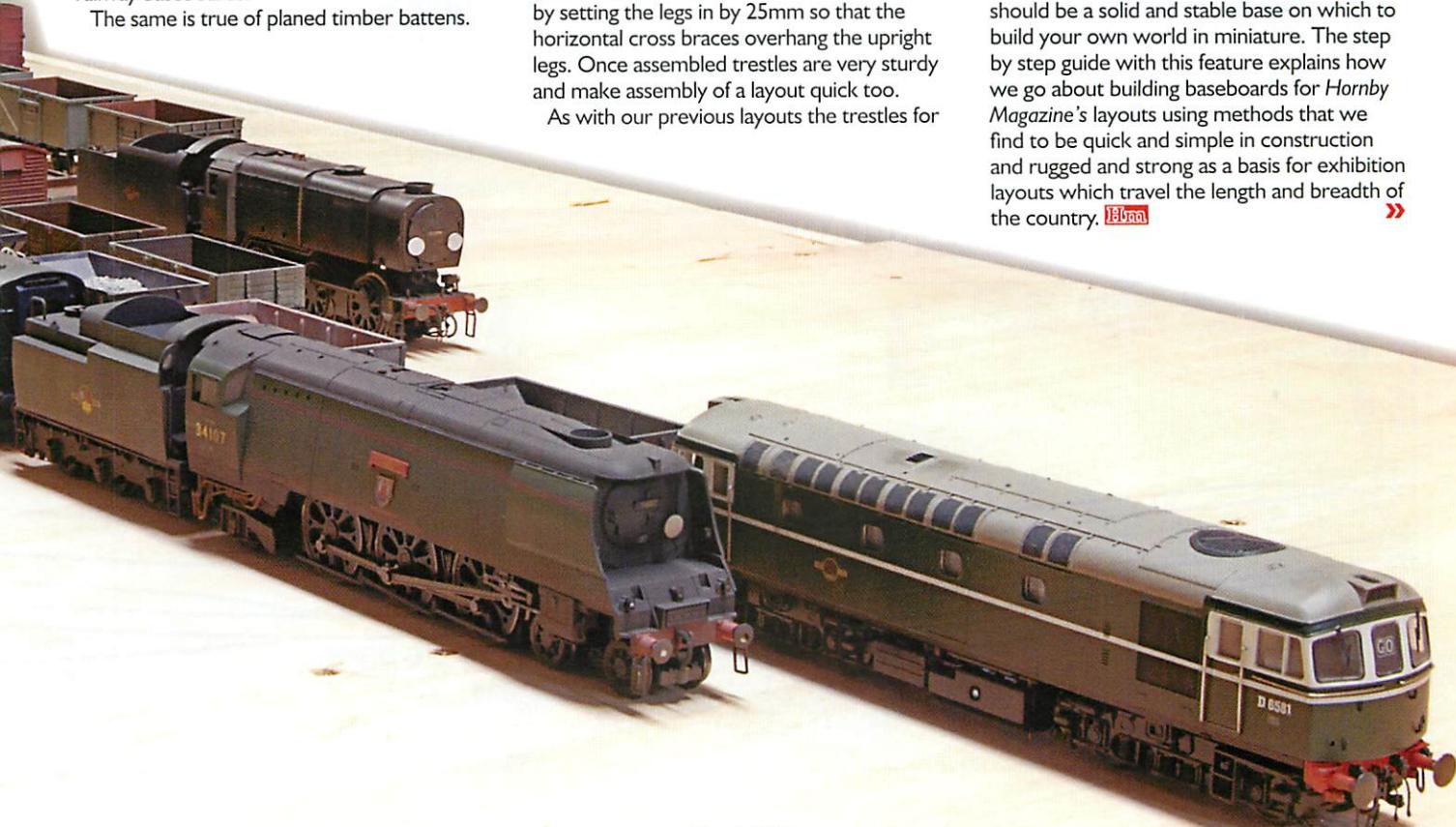
Baseboard tips

You don't have to be a master carpenter to build good baseboards for a model railway. It takes time, a little patience and care, but good results are possible with a basic selection of tools.

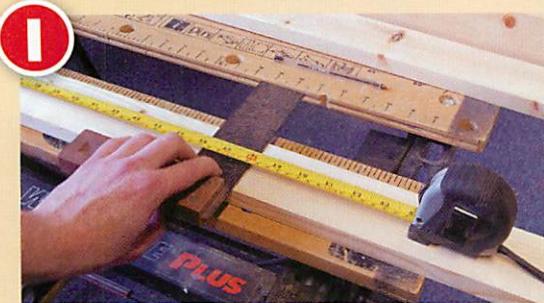
The old adage of measure twice, cut once is the first rule of baseboard construction, but if you don't feel you have the necessary skills to do so then there are many timber merchants who will cut both sheet timber and timber battens to length for you saving you much time and energy and resulting in, essentially, a flat packed kit to build a baseboard.

As another alternative there are a number of specialists who produce baseboards to order for customers including Black Cat Baseboards (01482 500605), White Rose Model Works (01677 422444) and Little Jem Products (01509 880659) amongst others.

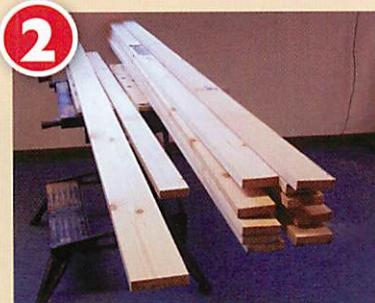
Whichever route you choose the end result should be a solid and stable base on which to build your own world in miniature. The step by step guide with this feature explains how we go about building baseboards for *Hornby Magazine*'s layouts using methods that we find to be quick and simple in construction and rugged and strong as a basis for exhibition layouts which travel the length and breadth of the country. **Hornby**



STEP BY STEP BUILDING THE BASEBOARDS FOR PROJECT 12



The first step is to mark up the timber battens to make up the baseboard frame. To fit with the 1,200mm x 900mm plywood tops each board requires two lengths of 69mm x 20mm timber cut to 1,200mm plus four lengths 860mm long to make the ends and cross braces. Use a tri-square for accurate 90 degree marks.



We process the materials for baseboards in batches to save a little time in tool handling. This stack of timber is all marked up and ready to cut to form the baseboard frames and the first of the trestle legs.



If you have a number of baseboards to build an electric jigsaw is a worthwhile investment as it will save a considerable amount of time and energy in cutting timber.



To assemble the frame start with one of the long sides. Run a bead of PVA glue along its top edge and then position it under the baseboard top. Other timbers from the baseboard frame are useful to support the plywood top during the early stages of construction.



Having carefully positioned the first side timber under the plywood top it can be screwed in place. We use an electric screw driver and 3.5x30mm wood screws to fix the baseboard surface in place. The type of screws used don't require countersunk holes making them quicker to work with.



The outer frame is now complete in this view with all four sides glued and screwed to the baseboard top.



This is the first of the completed baseboards viewed upside down. Following completion we set this board aside overnight to allow the glue to dry thoroughly and built the second solid top baseboard to the same pattern.

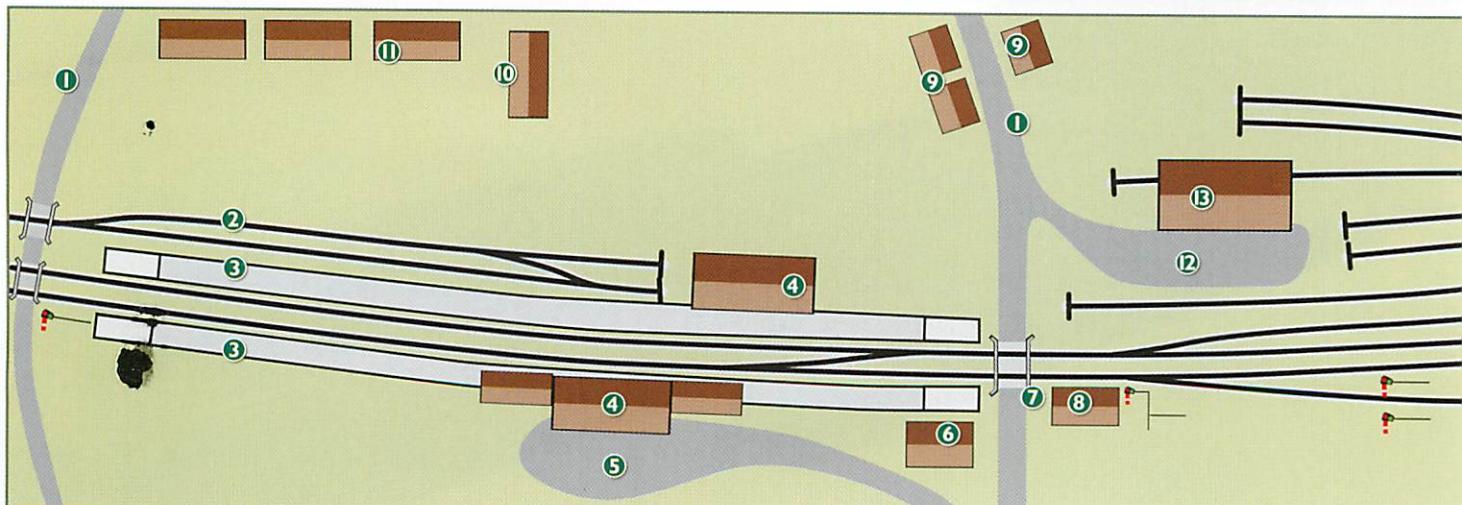


To build the open frame baseboards for the rest of the scenic section a similar method has been employed. The sides are 1,200mm long lengths of 69mm x 20mm timber with three cross braces cut to 860mm plus one 860mm length of 94mm x 20mm timber to form the join with the solid top baseboards.



Again a dry run with the timber parts was made. A second length of 94mm x 20mm timber has been added at the opposite end of the board to support the temporary top. The top is a 1,200mm x 600mm sheet of 9mm plywood which will be cut to shape following final arrangement of the track.

PROJECT 12 WORKING TRACKPLAN





4
After cutting the timber to form the frame the components for each baseboard were laid out together for a dry run to ensure it would all work as planned. This is the basic frame which will offer a 4ft x 3ft (1,200mm x 900mm) solid top baseboard.



5
Positioning the 9mm plywood top onto the frame allows final checks to be made before the frame is fixed together permanently.



The cross braces now need to be added to the frame to support the middle of the baseboard surface. Without these the surface would sag in the middle over time. Use a tri-square to position the cross member accurately.



10
Like the outer frame the cross braces are glued and screwed in place. A bead of PVA along the top edge and ends helps secure the cross brace in place. Add screws at both ends through the timber sides and through the baseboard surface for a rigid structure.



14
To start assembly one side is attached to the deeper end timber using three 4.0x40mm wood screws. A tri-square has been used to ensure the timbers sit at 90 degrees to each other.



15
Repeat the process for the opposite side adding the second long side of the baseboard to the end.



16
The first of the cross braces can then be fixed into position 300mm from the end of the baseboard. Use a tri-square again for alignment and fix in place with 4.0x40mm wood screws.

WHAT WE USED

MATERIALS

9mm plywood sheet
69mm x 20mm timber
94mm x 20mm timber
3.5x30mm wood screws
4.0x40mm wood screws
Metal chain
Steel 63mm butt hinges

TOOLS

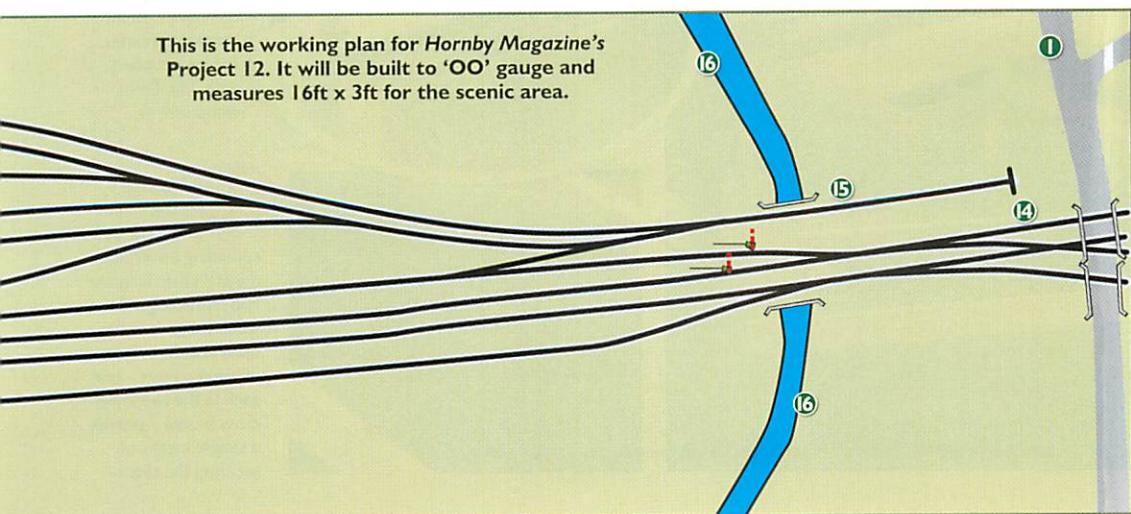
Tape measure
Tri-square
Pencil
Electric jigsaw
Electric screwdriver
G-clamps
Electric drill
6mm drill bit

NEXT MONTH

We'll continue working on Project 12 by laying the track and explaining how you too can achieve perfect trackwork using off the shelf products.

**PLEASE TURN FOR...
STEPS 17-38**

This is the working plan for Hornby Magazine's Project 12. It will be built to 'OO' gauge and measures 16ft x 3ft for the scenic area.



KEY

- 1 Road
- 2 Branch line
- 3 Platform
- 4 Station building
- 5 Station forecourt
- 6 Station master's house
- 7 Level crossing
- 8 Signalbox
- 9 Shops/houses
- 10 Church
- 11 Houses
- 12 Goods yard
- 13 Goods shed
- 14 Junction
- 15 Headshunt
- 16 River

STEP BY STEP BUILDING THE BASEBOARDS FOR PROJECT 12



Repeat the fitting process for the opposite side of the first cross member.



The second cross member can then be added in exactly the same way creating a strong rigid structure.



To allow the baseboard to sit level at both ends of the open frame baseboard – and to achieve the result simply – a third 860mm long length of 69mm x 20mm timber was fixed in place 20mm in from the end of the baseboard.



To align the surfaces of the two open frame boards the first completed open frame baseboard is used as a reference point to position the end and middle supporting timbers which are all cut from a length of 94mm x 20mm timber to match the end profile.



The top can then be added to the supports and temporarily fixed in place with screws only.



These are the two open frame baseboards for Project 12 which will bolt up to the previously assembled pair of solid top boards.



At the top of the trestle legs the cross brace is located 40mm from the top and marked in the same way as the lower brace.



The cross braces also need to be marked up 25mm from the end of each length as this creates the overhang which supports the baseboard frames.



Using the two marks on the leg and cross brace the parts can be aligned accurately at 90 degrees to one another and fixed together using 3.5x30mm wood screws.



33

The completed trestle is self supporting once a pair of hinges has been added at the top of the upright legs.

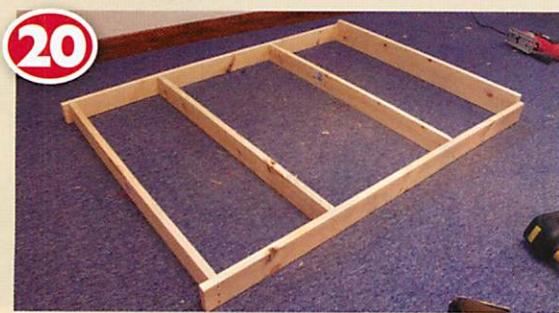


34

Steel 63mm butt hinges have been used for these trestles secured in place with 3.5x30mm wood screws.

35

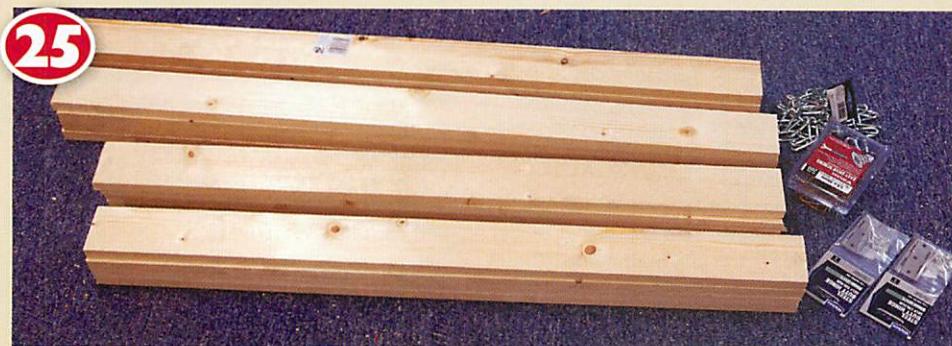
To stop the legs of the trestle spreading under load a metal chain links the two halves together when they are in the open position. A pair of wood screws – one each in the two lower cross braces – provide a simple means of securing the chain.



20
The completed basic frame is now ready for the additional trackbed supports to be added to get the top surface level throughout the length of the board.



Three supports are then added to the cross braces. At present these are temporary until the baseboard surface is cut to shape following track laying. Each one is fixed to its respective cross brace with 4.0x40mm wood screws only so that they can be removed and adjusted as necessary during the next stage of the build.



25
The trestle legs for Project I2 start out like this. Using 69mm x 20mm timber four 1,000mm long legs and four 900mm cross braces are cut to form each trestle. In addition each trestle requires a pair of 63mm hinges, 3.5x30mm wood screws and length of metal chain.



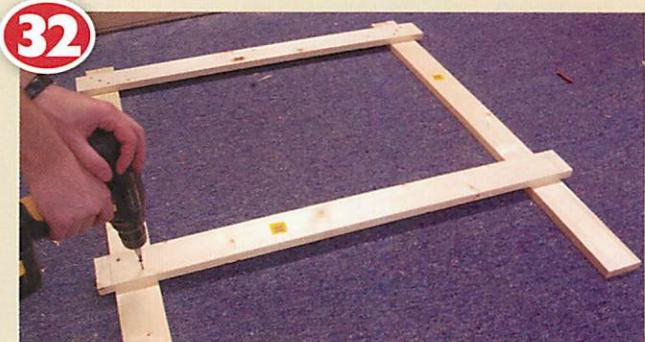
26
Each of the 1,000mm long legs needs to be marked up accurately for consistent leveling throughout the layout. Using a tri-square a 'master' timber is marked up 300mm from the bottom for the lower brace and 40mm from the top and used to transfer the same dimensions to all other legs for the trestles. Doing the job this way saves on time.



30
For a strong joint three screws are run into wood at a 45 degree angle.



31
Repeat the same process for the opposite leg of the trestle and fix in place with screws.



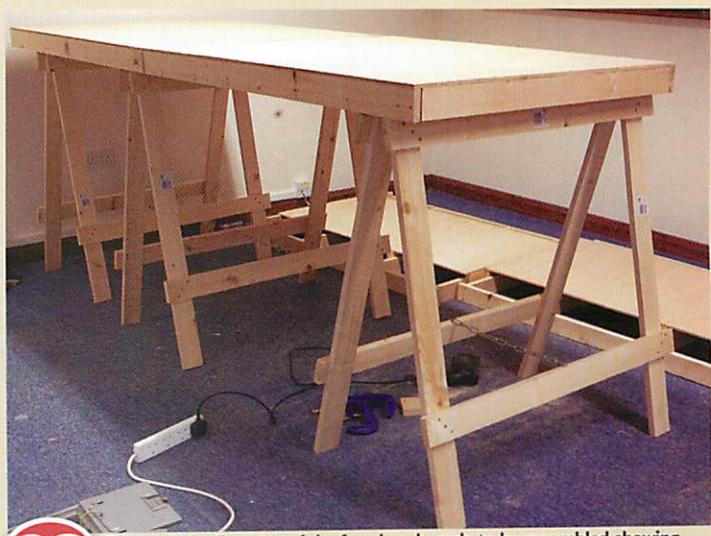
32
The lower cross brace can now be fitted using the markings for alignment. Two of these frames need to be produced for each trestle so in total Project I2's scenic section requires 10 of these to make up the five trestles.



36
With all the timber work complete the baseboards can now be joined together. The first baseboard is supported on two trestle legs with the next three boards requiring one trestle each. For alignment each board is clamped together with G-clamps before bolt holes are drilled through the ends.



37
Three 6mm diameter holes are drilled through to join each baseboard together. 60mm roof bolts are then pushed through with 30mm washers to spread their load. On the rear face, wing nuts secure the two boards together.



38
These are the first two of the four baseboards to be assembled showing how the trestles support the layout.

Lightweight MODIFICATIONS

MODIFYING a ready-to-run model is often seen as a daunting prospect and in many respects with the standards of the latest models it is rare that adjustments will make a major difference.

However, every now and then a little tweak here and there can have a vast effect without breaking the bank or overstressing a modeller's ability. The Derby Lightweight is one example of this, and you might be surprised how little needs to be done to enhance the model's external appearance that extra few percent.

Bachmann has done a wonderful job in recreating these pioneering units for 'OO' gauge. The tooling allows for detail differences between the production batches to be catered for and so far in the *Hornby Magazine* office we have had the pleasure of looking over two different sets – a West Cumberland set in BR green with speed whiskers and early crests and a Great Eastern allocated unit in BR green with small yellow

warning panels.

Both feature significant differences with the West Cumberland set featuring a differing arrangement to the guard's compartment windows and single piece cab windows with internal support bars while the Great Eastern unit has six piece cab windows with rigid supports, an alternative arrangement for the guard's compartment windows and a correct interior layout for the first class compartment in the trailer car.

These features alone show the lengths which Bachmann has gone to in recreating the Derby Lightweight.

Modifications

So how do you improve upon something which is already at the top of its game? There are three areas which spring to mind for the Derby Lightweight.

Firstly it will benefit from a selection of passengers inside giving the train purpose.

The coupling distance between the two cars also has an effect on the overall appearance and solving this is another simple modification.

Finally the model will benefit from light weathering, but bearing in mind that the bodysides would have been kept clean. This unit will also be fitted with a pair of decoders to allow it to operate on Bolsover and Seven Lane Pit at exhibitions.

The coupling gap is a relatively straightforward modification. The couplings and sockets both need to be removed from between the two cars. The NEM pockets can then be shortened by 2mm each and the couplings themselves by the same amount. Dry assemble the parts back onto the unit to check clearances and once happy glue the couplings into their NEM pockets with superglue and refit them to the unit.

Access to the interior of the Derby Lightweight is straightforward. One screw must be removed from above the leading bogie on each coach and this then allows the body to be unclipped from the chassis. Using Noch 'HO' scale figures the passenger compartments were populated with a few people in each vehicle.

Fitting DCC decoders to the Derby

The completed Derby Lightweight rounds the curve on the approach to Bolsover while an 'O4' shunts in the goods yard.

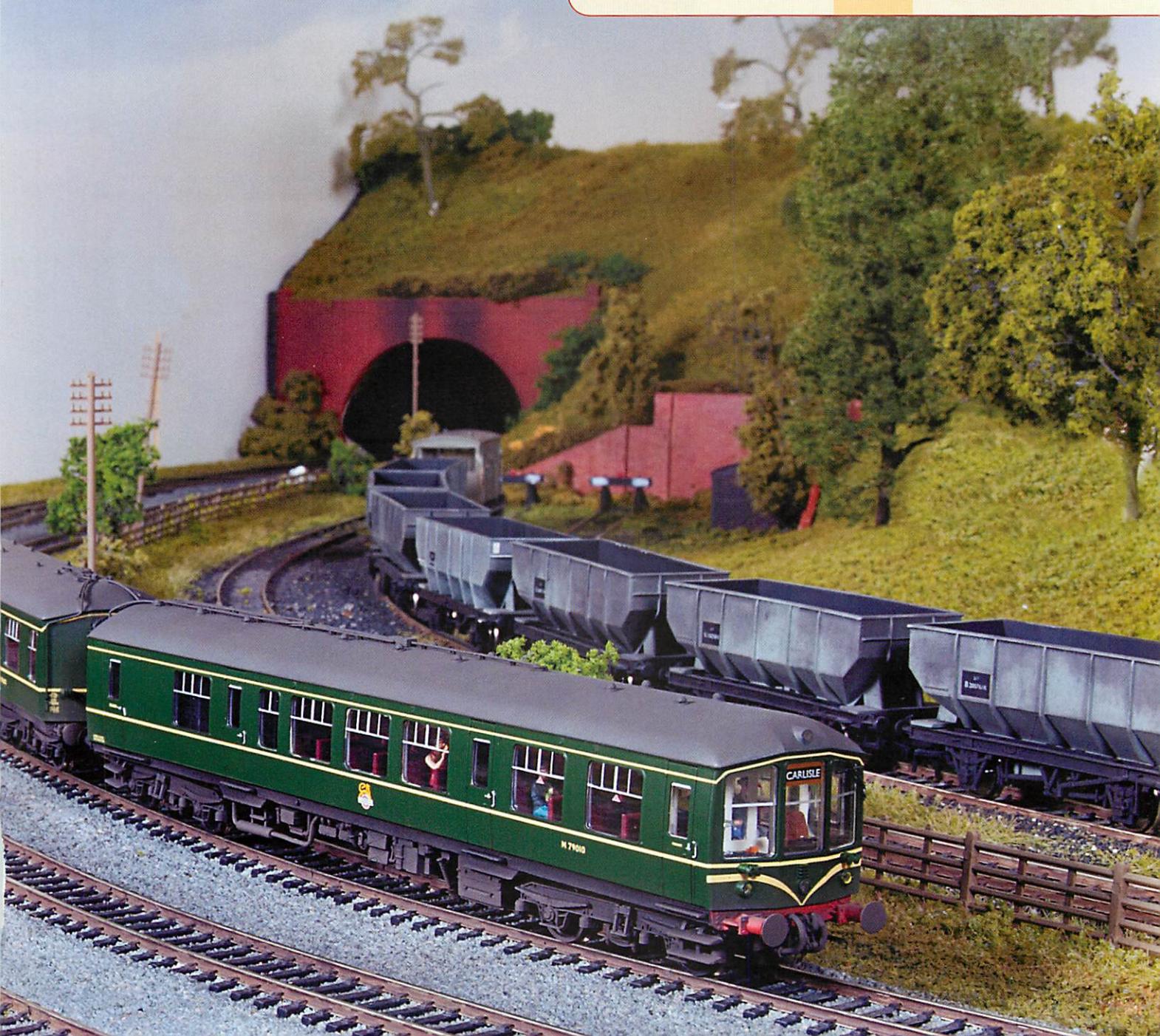


Bachmann's new model of the Derby Lightweight DMU is superb, and a couple of simple tweaks can make all the difference to the two-car set, as **MIKE WILD** explains.

ALTERATIONS

WHAT WE USED

| Product | Cat No. | Supplier |
|-----------------------------------|---------|--|
| Lenz gold 8-pin decoder | L10331 | www.ehatten.com |
| Bachmann 6-pin decoder | 36-558 | www.bachmann.co.uk |
| Lifecolor frame dirt acrylic | UA719 | www.airbrushes.com |
| Lifecolor weathered black acrylic | UA723 | www.airbrushes.com |
| Noch seated passengers | 16103 | www.gaugemaster.com |



Lightweight takes a little care and planning. The powered car has an 8-pin socket and a space is allocated on top of the motor bogie to position the decoder. This does need to be insulated from the metal motor weight in order to protect it from potential short circuits. The trailer car is a very simple project as it has a 6-pin socket meaning that the blanking plug has to be removed and the chip inserted in the correct orientation.

Weathering

DMUs were kept relatively clean in service, but the carriage washing plants tended only to keep the bodysides and ends clean leaving frame dirt and roof dirt stains above and below.

Using a similar method to that shown in Tim Shackleton's feature on carriage weathering (pages 46-49) the bodysides of the DMU were masked to keep them free from over spray initially during weathering of the roof and underframe. However, after weathering of these areas a second pass was made over the underframe with the masking tape to capture a subtle spray of dirt over the lower body panels to represent a unit which hadn't been cleaned in the last few days.

On the roof additional weathering was applied around the exhaust outlets, but throughout the process only two colours have been used in varying mixes – Lifecolor frame dirt and Lifecolor weathered black using an Iwata gravity feed airbrush to apply the paint.

The effects of the modifications may only be subtle, but they enhance what is already a superb model and turn it into a more realistic unit. Light weathering in particular really improves the look of the unit as it highlights the level of detail in the underframe.

With all this done the Derby Lightweight is ready to enter service on Bolsover and Seven Lane Pit, although one addition is planned for the future – DCC sound! 

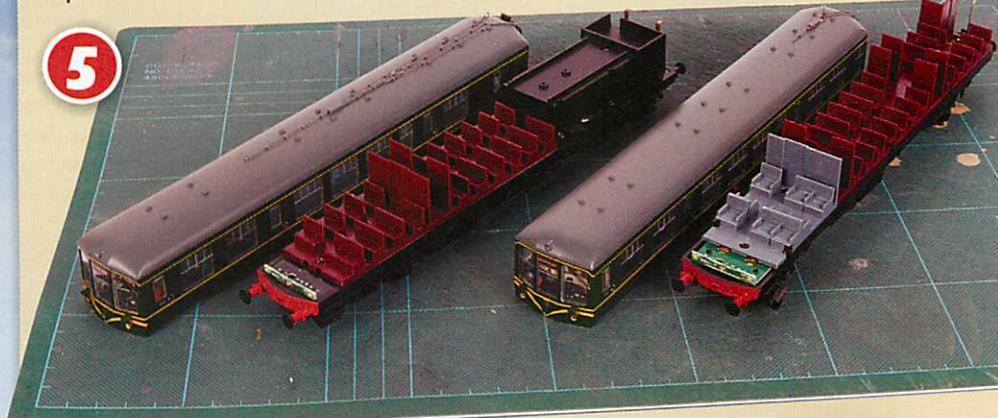
STEP BY STEP **DERBY LIGHTWEIGHT MODIFICATIONS**



First to tackle is the coupling length. Remove both inner couplings and their NEM pockets from the bogies then separate the couplings from their respective mounts.

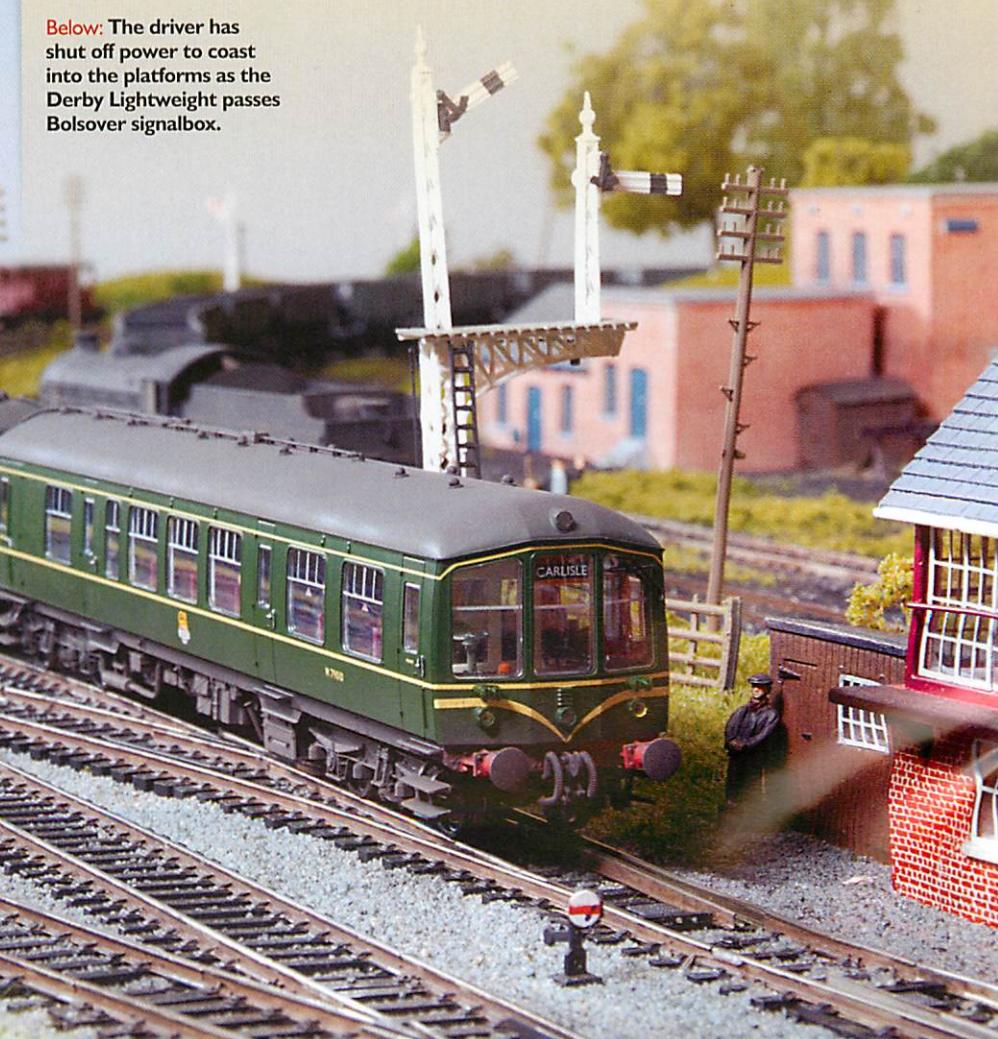


Using a craft knife shorten the coupling pocket by 2mm – this length depends on the radius of your curves – then clean the face with a flat 1/4 in file.



Attention can now turn to the inside of the Lightweight. Remove the body as detailed in the instructions supplied with the model by releasing the securing screw under the leading bogie on each coach and unclip the body from the chassis.

Below: The driver has shut off power to coast into the platforms as the Derby Lightweight passes Bolsover signalbox.



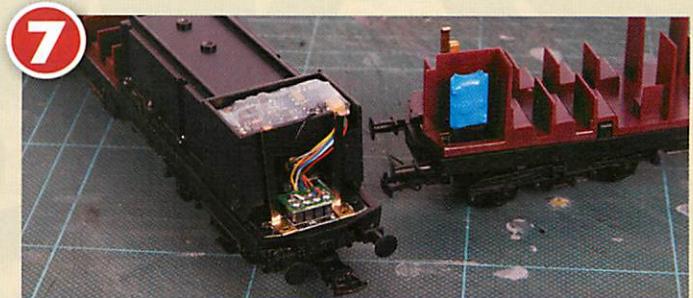
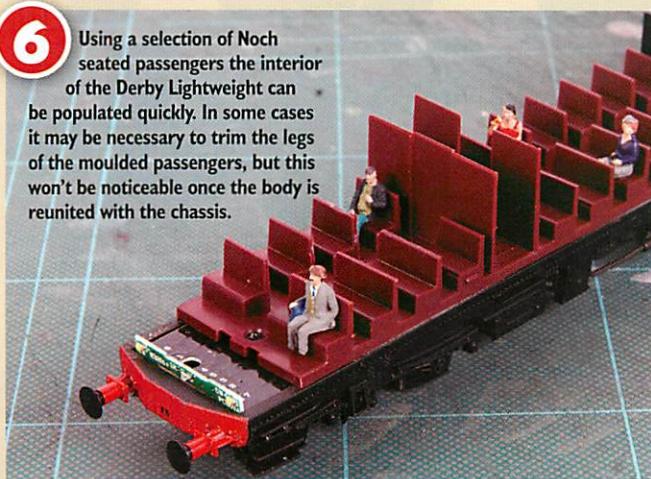


3 Cut down the tails of the couplings by 2mm to match the pocket length using a sharp craft knife.



4 Refit the couplings into their pockets and the pockets onto the DMUs inner bogies. Check clearances of the buffers before fixing the couplings into place in their pockets with superglue.

6 Using a selection of Noch seated passengers the interior of the Derby Lightweight can be populated quickly. In some cases it may be necessary to trim the legs of the moulded passengers, but this won't be noticeable once the body is reunited with the chassis.



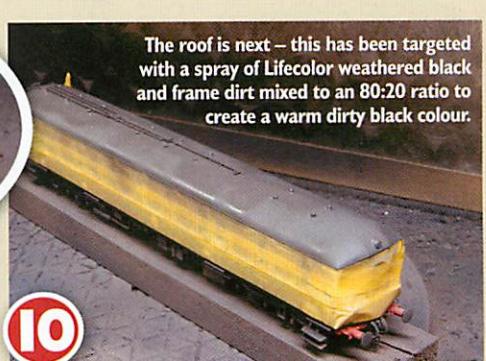
7 Next this model was fitted with a pair of DCC decoders using an 8-pin Lenz Gold decoder for the motor car and a Bachmann 6-pin decoder for the trailer car. This is simply a case of removing the blanking plug, checking the decoder's orientation by locating Pin 1 on both the decoder and socket and plugging them in. Before proceeding to the next stage test the model and change the address for decoders as required to fit within your locomotive roster. This unit has been programmed as address 0043 for Bolsover and Seven Lane Pit.

8 Weathering begins by masking the bodysides using Tamiya low tack masking tape.

11 Working on the roof the sides and ends are weathered first before proceeding to the centre of the roof. Don't forget to spray around all sides of the roof vents and pipework to ensure even coverage.



9 First, the underframe and bogies were weathered using thinned Lifecolor frame dirt.



The roof is next – this has been targeted with a spray of Lifecolor weathered black and frame dirt mixed to an 80:20 ratio to create a warm dirty black colour.

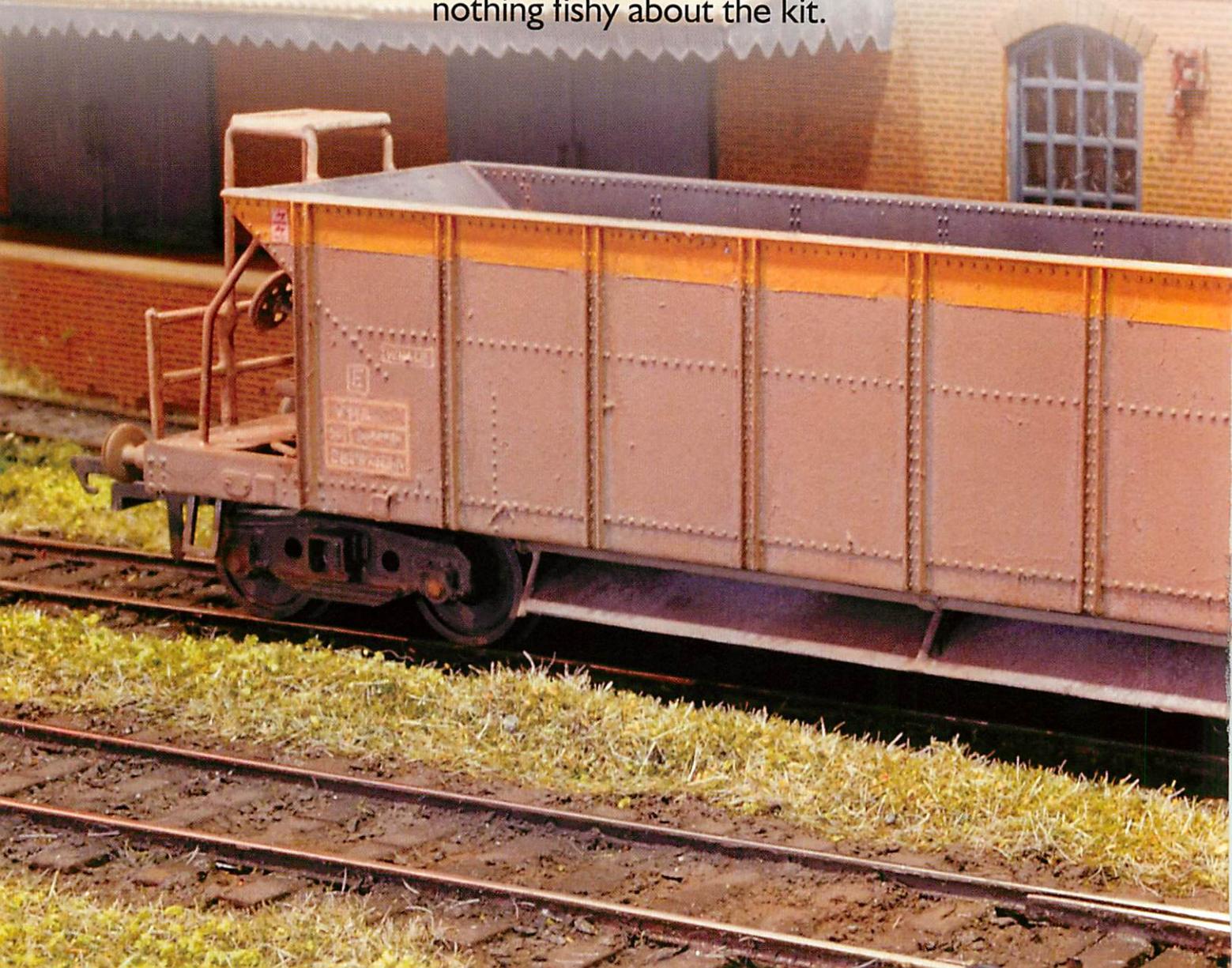
12 Finally the masking tape was removed and a second pass with thinned frame dirt was made over the underframe and bogies allowing a small amount of paint to kick up onto the lower body panels. The unit is now ready for service.



Building a

'WHALE' BALLAST WAGON

PHIL PARKER builds Cambrian Models' version of the largest engineers wagon in 4mm scale, and proves that there's nothing fishy about the kit.



I love the names that British Railways gave to departmental wagons. Whoever came up with the idea of identifying them by the names of sea creatures has given me a few chuckles as well as providing a bit of aquatic education for railway enthusiasts. The wagons tend to be rather more interesting than the revenue earning stock too, with oddball shapes and complicated pipework.

'Whale' wagons, as you might guess from the name, are big. They are longer versions of the 40ton capacity 'Walrus' hoppers originally built in 1956. The 'Whales' arrived ten years later and were two panels longer than their predecessors and thus became the longest (40ft over headstocks) and largest capacity ballast hoppers ever owned by BR. Apart from the size, the main difference between the two was that the plate type bogies were fitted with roller bearings to handle the 50ton gross weight.

Southern starters

Starting life with the Southern Region Engineers department, the wagons found themselves shunted off to the Midlands by the end of 1982. All have now disappeared from the system. Normally run as block trains, 'Whales' could also run with 'Seacows' or 'Sealions' as required.

Cambrian Models produces a large range of departmental stock in 4mm scale for 'OO' gauge. With a 'Walrus' kit already available, some clever use of moulds allowed for the

'Whale' to be produced. For the modeller this is both good and bad news.

First the good news, which is that we can add an interesting wagon to the fleet for reasonable cost. The downside is you really do need to pay attention and read the instructions. I often build a kit simply by working through all the bits confident that once I've used them all, I've finished the model. If you try that with this kit you'll end up confused. As is clearly stated, "Other parts on the mouldings are not needed for this kit". You do get some useful bits left over at the end though.

The kit is a conventional plastic model wagon with the builder required to supply his or her choice of wheels and bearings. I used 'OO' gauge Bachmann wagon wheels and Gibson bearings. The ends of the latter poke through the bogies to represent the roller bearings of the prototype.

Apart from the plastic parts, wire is supplied for handrails and canopy supports but I felt it was too soft for the job as it had already become kinked in the post, so some 0.7mm Gibson straight brass wire replaced it. If you can't find any of this, something from the K&S rack in your local model shop would work just as well.

While working on the model, be aware that the ends are not identical. The instructions mention several times there being a left and right end to the wagon. To help me keep track of this, I marked one side with

a permanent marker until the model was finished. A little thinners removed the mark enough to cover it with paint.

Liveries

The 'Whales' first appeared in a drab olive green and were eventually repainted into the 'Dutch' colours used on my model. Looking at prototype photographs, there seems to be some variation in the markings on the sides too. I used waterslide transfers for the main box and electrification flashes, filling in the lettering with a fine pen. Basic colours come from the Humbrol acrylic range so the model ought to be a good match for anything produced by Hornby. Mind you, the grey faded quite badly according to the pictures and in some appears to have taken on a distinctly purple tinge!

For the price, this is a nice kit. The mouldings do take a little cleaning up and it is more complicated than an open wagon, but care and attention during the build will be repaid. The model works out quite a bit cheaper than the retail price for a 'Seacow' too, and you end up with a bigger wagon which can't be bought as a ready-to-run item. 'Whales' normally ran in block trains from quarries to Permanent Way yards so you might want to consider more than one – in which case you'll find construction time plummets as you get used to the model. I think this one took me just over a day on and off but a second would be no more than two thirds of that. **HN**



Ballast wagons quickly weathered in service and this Cambrian Models kit built 'Whale' has been treated to a light dusting of dirt to enhance its appearance.

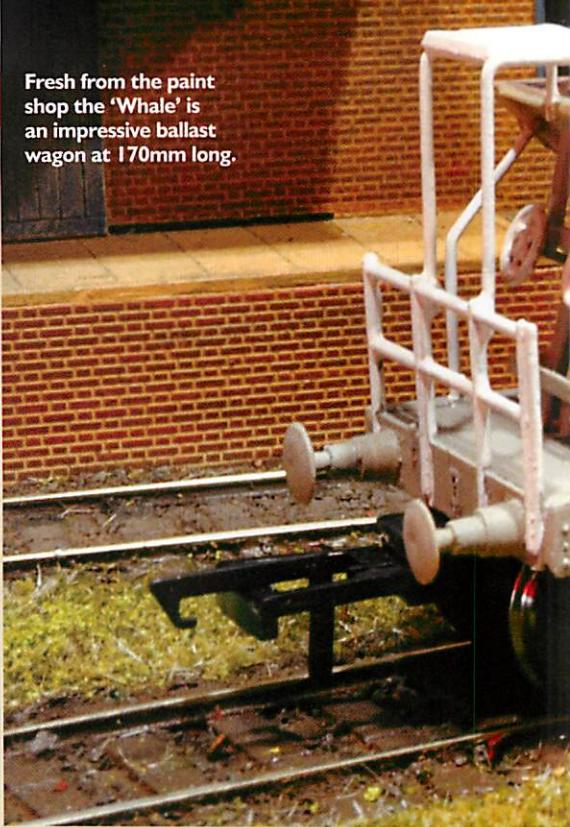
PLEASE TURN FOR
STEP BY STEP

STEP BY STEP **BUILDING A BALLAST HOPPER**

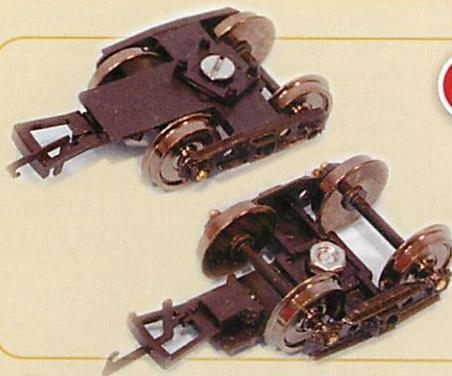
1 There are plenty of parts in this kit but not all of them will be used to build the 'Whale'. The modeller has to supply wheels, bearings and couplings themselves. We used Bachmann disc wheels and Jackson Romford flush fitting brass bearings.



Fresh from the paint shop the 'Whale' is an impressive ballast wagon at 170mm long.



2 The bogies are one-piece mouldings. Brass bearings should be inserted into the holes and the wheels fitted. Squeeze the bearings in so the axles ends are gripped and then apply a little liquid plastic glue.

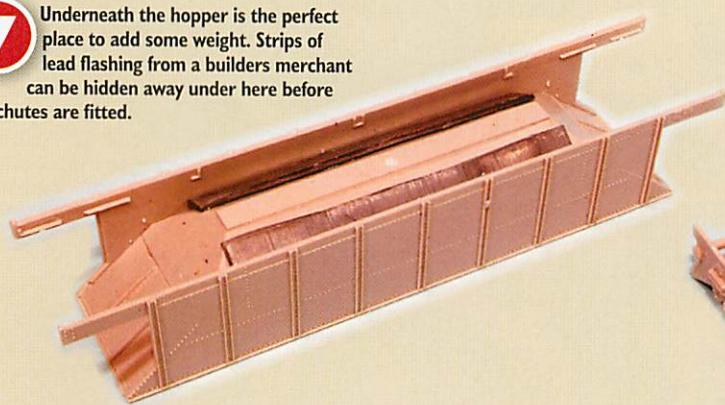


3 Bogie pivots are bolted in place: the swiveling section on top will eventually be glued to the wagon. I smoothed the tongues and glued Bachmann couplings to them with superglue although other options are catered for with adaptor plates.

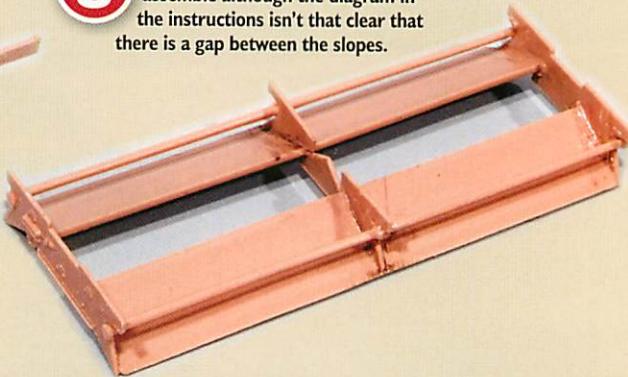
4 Prepare the handrails by cutting the wire into ten 24mm lengths. Four of these are the handrails which should fit into the notches found in the hopper sides. Bending one up and then using it as a guide for the others seemed to work well for me. Don't fix these in now - put them somewhere safe along with the other lengths.



7 Underneath the hopper is the perfect place to add some weight. Strips of lead flashing from a builders merchant can be hidden away under here before the chutes are fitted.



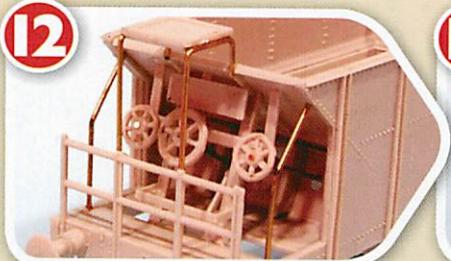
8 The chutes are also simple to assemble although the diagram in the instructions isn't that clear that there is a gap between the slopes.



PARTS AND SUPPLIERS

- C76 BR 50 Ton Hopper Whale - Cambrian Models - £12.00
- 36-017 Bachmann Metal Disc Braked wagon wheels (10 axles) - £6.00
- JR15 Jackson Romford Plain Bearings Flush Fitting (Pack of 50) - £2.11
- (Prices from Kernow Model Centre www.kernowmodelrailcentre.com)
- Alan Gibson 0.7mm diameter brass wire (10 lengths) - £2.50
- (Price from Eileen's Emporium www.eileensemporium.com)

12

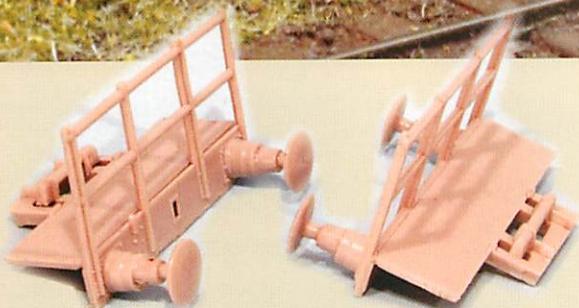


The safety canopies are fiddly to make. Bend the wire as per the instructions and then fit it to the tops. Oddly, these had a ledge on one side for the wire but not the other so I filed a flat to provide this. Notches cut in line with the bracing on the ends of the hopper make fitting a lot easier.

13

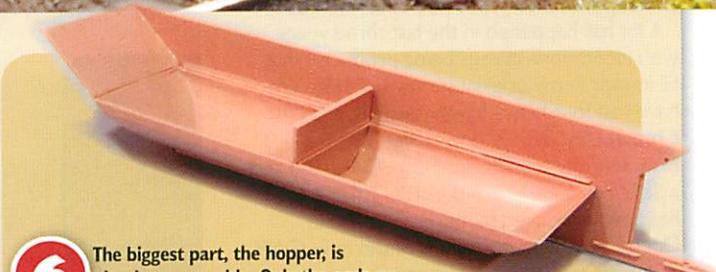


When fitting the bogies, you might have to remove some of the cross shafts from one end to stop the coupling hitting them. The side steps have to bend out as well, or if your curves are very tight you might be better omitting them altogether.



5

The buffers are made up of three parts that didn't fit too well on my kit. Using a little liquid glue, they could be adjusted while the plastic was soft until everything looked right. Add the platforms and then leave the assembly to harden, periodically checking that everything is square.



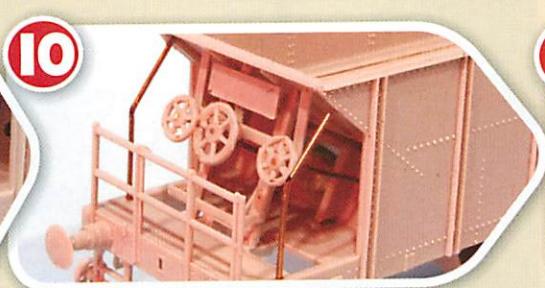
6

The biggest part, the hopper, is simple to assemble. Only the ends are a little tricky where they meet the trough as there isn't anything to help positive location. Make sure the parts are square as there is a little flash to trim off.



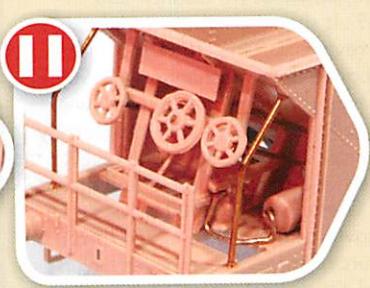
9

The outer ends both start the same way. The buffer beam/platform assembly is fitted followed by the bogie mounting plate and finally the hopper support.



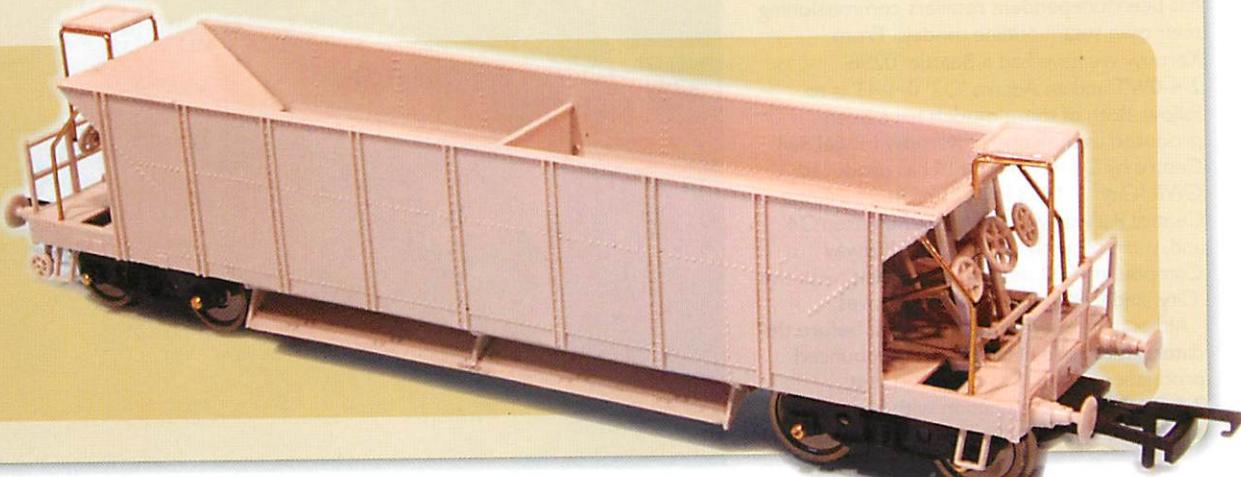
10

The handwheel bracket is fitted, this is handed depending on which end you are working on. Wheels have to be cleaned up and fitted to the metal shafts. These are then fitted to the support with superglue. Steps and instruction boards go in next and finally you can add the pre-bent handrails into their holes.



11

At the other end is an air tank and distributor to fit. I plumbed these together with a length of soft wire. My tank had a moulding hole in the end which was filled with gap-filling glue.



14

The finished wagon is certainly an impressive piece of rolling stock. At over 170mm long, you need plenty of layout for a train of these!

Is the Wish List WISHING WELL RUNNING DRY?

Three years ago **TREVOR JONES** reviewed the available steam motive power for 'OO'. In a special report he assesses where the missing links remain for steam and diesel models.

IT IS THREE years since I reviewed the available steam motive power for 'OO' gauge and related it to locomotive types as operated by BR in 1959. The period from 1959 to 1965 is the most popular modelling period and this survey will cover main line diesel locomotives as well, as by 1965 the majority of standard diesel classes and experimental types had been introduced.

A lot has happened in the last three years with locomotive classes being produced that fill in gaps in my original survey (HM18). We have had four heavy freight designs, a GWR Churchward '28XX' and Collett '2884' 2-8-0 from Hornby, a GCR Robinson 'O4' 2-8-0 and a S&D Fowler '7F' 2-8-0. A BR '3MT' 2-6-2T has been produced by Bachmann and in December the first versions of the new GWR ROD '3000' 2-8-0s arrived too.

Hornby has produced an LNER Thompson 'L1' 2-6-4T plus three 4-4-0s have re-emerged in the RailRoad range covering the Midland Compound, GWR 'County' and Gresley 'D49'. It should also be noted that Hornby has revived its LMS '2P' 4-4-0 with a new locomotive drive mechanism (HM56) and a similarly upgraded model of the Fowler '4F' is also due for release imminently. Hornby also released its all-new model of the LNER Thompson 'B1' 4-6-0 in December and there is the LNER Gresley 'B17' 4-6-0 to look forward to towards the middle of 2012 from the same source. Smaller locomotives haven't been ignored either. Bachmann has given us the Midland Johnson '3F' 0-6-0 and is also working on a SECR Wainwright 'C' 0-6-0 for the Southern Region. The GWR 'Dukedog' 4-4-0 is also planned for release in 2012.

A new development since the last review has been independent retailers commissioning their own steam outline models. From Kernow we have had a Beattie '0298' 2-4-0WT and an Adams 'O2' 0-4-4T is to follow. Both of these models have been produced exclusively for Kernow Model Rail Centre by Dapol. The NRM has produced GWR 'City' 4-4-0 3440 *City of Truro*, a Great Central Railway version of the Robinson 'O4' and, most recently, the Midland Railway Compound 1000 through Bachmann, with the 'City' and Compound being exclusives.

Although they were scrapped just before the date of this survey Hatton's has announced production of the LMS Beyer Garrett 2-6-0+0-6-2 in conjunction with Heljan – and this will surely tick a big box in the wish list. »

Hornby has announced its plans to produce the sought after GWR '72XX' 2-8-2T in 2012. On January 14 1961 7210 takes water at Furnace Sidings, South Wales, with a rake of coal empties. *Colour Rail*.





The LNER 4-4-0s are a widely untapped source of potential models. 'D34s' 62496 *Glen Loy* and 62471 *Glen Falloch* pause at Crianlarich in May 1959. Colour Rail.





Original BR classification for diesel locomotives:

A. Shunters (up to 600HP) **B.** Type 1 - classes 15-17 under 1,000 HP.
C. Type 2 - classes 20 to 28, 1,000 to 1,200 HP **D.** Type 3 - classes 31 to 37, 1,250HP to 1,750. **E.** Type 4 - classes 40 to 47, 2,000HP to 2,600HP **F.** Type 5 - classes 52 and 55, 2,700HP to 3,300HP

Could the English Electric gas turbine prototype be the source of a new ready-to-run model? The unique and distinctive 4-6-0 prototype passes Wendover in September 1961 during its brief career in service. Colour Rail.

TABLE I - LOCOMOTIVE CLASSES OF THE WESTERN REGION (EX-GWR) 1958/1959

| Wheel Type | No of Classes | No of locos | Classes Available | % Type Avail |
|------------|---------------|-------------|---|--------------|
| 4-6-0 | 6 | 665 | 'County' 4-6-0 (Hornby), 'Castle' 4-6-0 (Hornby), 'Hall' 4-6-0 (Bachmann) 'King' 4-6-0 (Hornby), 'Grange' 4-6-0 (Hornby), 'Manor' 4-6-0 (Bachmann) | 100% |
| 4-4-0 | 2 | 9 | 3440 City of Truro (NRM/Bachmann) - 'Dukedog' (Bachmann) | 100% |
| 2-8-0 | 3 | 178 | '28XX' (Hornby), '2884' (Hornby), ROD '3000' (Bachmann) | 100% |
| 2-6-0 | 1 | 192 | '43XX' (Bachmann) | 100% |
| 0-6-0 | 1 | 120 | '2251' (Bachmann) | 100% |
| 2-8-2T | 1 | 54 | '72XX' (Hornby) | 100% |
| 2-8-0T | 2 | 151 | '42XX' (Hornby), '5205' (Hornby) | 100% |
| 2-6-2T | 5 | 330 | '45XX' (Bachmann), '4575' (Bachmann), '61XX' (Hornby) | 30% |
| 0-6-2T | 1 | 200 | '56XX' (Bachmann) | 100% |
| 0-6-0T | 1 | 1 | | 0% |
| 0-6-0PT | 10 | 1213 | '57XX' (Bachmann), '8750' (Bachmann) | 20% |
| 0-6-0ST | 1 | 5 | | 0% |
| 0-4-2T | 1 | 65 | '14XX' (Hornby) | 100% |
| 0-4-0T | 1 | 6 | | 0% |
| 0-4-0ST | 5 | 7 | | 0% |
| Total 15 | 41 | 3526 | 48.78% of classes or 73.33% of wheel types | |

On January 3 Hornby revealed its plans for 2012 with three impressive and important steam model announcements. These concentrate on heavy freight designs (HM56) and cover the LNER Thompson 'O1' 2-8-0, the GWR Churchward '42XX' 2-8-0T and Collett '5205' 2-8-0T plus the Collett '72XX' 2-8-2T.

All this, plus upgrading of various models from Hornby and Bachmann, means modellers have never had it so good. So, how has the situation altered since 2008? In the charts here we can see the current situation with the new models in red. I have included models not in the current catalogues but still available from some dealers.

The gaps

If we examine the areas missing from the 1959-1965 period there appear to be four major gaps:

1. The ex-LNER types which of course include a number of ex-Scottish designs, mainly 0-6-0 and 4-4-0s which are not represented at all. Several were running in restored pre-grouping colour schemes in this period giving manufacturers the opportunity to produce a multitude of liveries. There is also a gap in the LNER fleet of large freight locomotives such as the 'Q6' or 'Q7' 0-8-0.
2. Hump shunters and heavy freight tanks - where not one model is produced. The GWR 2-8-0T and 2-8-2T are the biggest gap in the Western Region models, but happily these

are now being produced by Hornby. Similarly the Southern Railway large tanks covering the 'G16' 2-8-0T, 'H16' 4-6-2T or 'Z' 0-8-0T classes and the LNER 'T1' or 'Q1' 4-8-0Ts may offer potential.

3. The 'Atlantic' 4-4-2s - not one model of this wheel arrangement is produced despite some running into British Railways times. The most obvious gap is the LBSCR 'H2' 'Brighton Atlantic' which is currently being retro-built on the Bluebell Railway. The LNER large boilered 'Atlantic' is almost the same so a manufacturer could have a double spin off. Of course, these disappeared shortly before the era in question for this survey, but the SR and LNER 'Atlantic' tanks did not. Perhaps the Adams 'O4 15' 4-4-2T could be Kernow's next commission? >>

TABLE 2 - LOCOMOTIVE CLASSES OF THE SOUTHERN REGION (EX-SR) 1958/1959

| Wheel Type | No of Classes | No of locos | Classes Available | % Type Avail |
|------------|---------------|-------------|--|--------------|
| 4-6-2 | 3 | 140 | 'West Country'/'Battle of Britain' (Hornby), rebuilt 'West Country'/'Battle of Britain' (Hornby), rebuilt 'Merchant Navy' (Hornby) | 100% |
| 4-6-0 | 4 | 135 | 'Lord Nelson' (Bachmann), 'King Arthur' (Hornby) | 50% |
| 4-4-0 | 6 | 126 | 'Schools' (Hornby), 'T9' (Hornby) | 33.3% |
| 2-6-0 | 5 | 174 | 'N' Bachmann | 20% |
| 0-6-0 | 7 | 222 | 'Q1' (Hornby), 'C' (Bachmann) | 28.57% |
| 4-8-0T | 1 | 4 | | 0% |
| 4-6-2T | 1 | 5 | | 0% |
| 4-4-2T | 1 | 3 | | 0% |
| 2-6-4T | 1 | 15 | | 0% |
| 2-4-0WT | 1 | 3 | '0298' Kernow/Dapol | 100% |
| 0-8-0T | 1 | 8 | | 0% |
| 0-6-2T | 6 | 62 | | 0% |
| 0-6-0T | 7 | 52 | 'AIX' (Hornby) | 14% |
| 0-4-4T | 3 | 170 | 'M7' (Hornby), 'O2' (Kernow) | 66.6% |
| 0-4-0T | 2 | 10 | | 0% |
| Total 15 | 48 | 1,129 | 29.16 % of classes or 53.33% of wheel arrangements | |

TABLE 3 - LOCOMOTIVE CLASSES OF THE LONDON MIDLAND REGION (EX-LMS) 1958/1959

| Wheel Type | No of Classes | No of locos | Classes Available | % Type Avail |
|------------|---------------|-------------|--|--------------|
| 4-6-2 | 2 | 50 | 'Princess Royal' (Hornby), 'Princess Coronation' (Hornby) | 100% |
| 4-6-0 | 6 | 1155 | 'Black Five' (Hornby), Fowler 'Patriot' (Hornby - RailRoad), rebuilt 'Patriot' (Hornby), rebuilt 'Royal Scot' (Hornby), 'Jubilee' (Bachmann) | 100% |
| 4-4-0 | 6 | 251 | '2P' (Hornby), Compound (Hornby - RailRoad), Compound (NRM/Bachmann) | 33.3% |
| 4-2-2 | 1 | 1 | Caledonian 'Single' (Hornby) | 100% |
| 2-8-0 | 2 | 677 | '8F' (Hornby), '7F' (Bachmann) | 100% |
| 2-6-0 | 4 | 575 | Ivatt '4MT' (Bachmann), Hughes-Fowler 'Crab' (Bachmann) | 75% |
| 0-8-0 | 3 | 238 | 'Super D' ('G2a') Bachmann | 33.3% |
| 0-6-0 | 10 | 1390 | '4F' (Hornby), '3F' (Bachmann) | 20% |
| 4-4-2T | 1 | 14 | | 0% |
| 2-6-4T | 4 | 645 | Fowler '4P' (Hornby), Stanier '4P' (Hornby), Fairburn '4P' (Bachmann) | 75% |
| 2-6-2T | 3 | 339 | Ivatt '2MT' (Bachmann) | 33.3% |
| 2-4-2T | 1 | 18 | | 0% |
| 0-6-2T | 1 | 11 | | 0% |
| 0-6-0T | 8 | 615 | 'Jinty' (Hornby), 'Jinty' (Bachmann) | 12.5% |
| 0-6-0ST | 1 | 34 | | 0% |
| 0-4-4T | 6 | 78 | | 0% |
| 0-4-0T | 2 | 10 | | 0% |
| 0-4-0ST | 3 | 37 | L&Y 'Pug' (Hornby), Caledonian 'Pug' (Hornby) | 66.6% |
| Total 18 | 64 | 6,138 | 40.62% of classes or 66.6% of wheel arrangements | |

4. Dock shunters and industrial locomotives. Here there is a big gap, although the Model Rail 'Y7' 4wVBT has somewhat filled that gap. All the regions were still operating small dock shunters during this period and hundreds of industrial locomotives were operated by mines, the gas board, breweries and all sorts of industrial manufacturers. How about a crane tank? I am sure many modellers could find an industrial setting that it would fit in.

5. The biggest gap, however, in locomotive wheel arrangements is still the 0-6-0, the most common of all by far in both tank and tender forms. For tank engines how about a GWR Churchward '1361' 0-6-0ST, a Southern Railway 'USA' 0-6-0T, a Caledonian Railway '3F' 0-6-0T and a GNR 'J50' 0-6-0T or GER 'J69' 0-6-0T? For 0-6-0 tender locomotives a SR 'Q', an LNWR '2F' and from the LNER a GNR 'J6', GER 'J15' or NBR 'J36' would have potential and whilst not fitting into this group the GER 'E4' 2-4-0 would surely have a large support as it was regularly used on Cambridge University Specials in this period.

Pioneering diesels

During this era, which seems to be the most popular period to model, as well as the pioneer diesels from the LMS and the SR, the British Transport Commission flooded the network with experimental and production designs. As a trainspotter in the 1950s and 1960s the early experimental types were exciting 'cops' and even when the production designs came along we thought that steam would reign for ever - the main dislikes were the railcars and diesel shunters which were felt to be the main threat to steam by many enthusiasts.

Reproduced here are two tables, one showing the experimental designs (Table 6) and the other the production locomotives (Table 7). Amongst the experimental classes Brush's HS4000 *Kestrel* appeared right at the end of the steam era in 1968, as did the English Electric Class 50 from the production list. It is interesting to note that of the 12 classes of early and experimental diesel 58% are available or about to be. Of those

remaining, three classes stand out as being popular with the modeller; the Western Region Gas Turbine 18000 and the Fell 18100 2-D-2 and also GT3, a 4-6-0 steam look alike built by English Electric and using gas turbines for propulsion. These three were so unusual that they always arouse interest on a layout when a kit built model makes an appearance.

I have not covered diesel classes where production started after the end of steam; even the later marks of some classes were close to the end of steam. The withdrawn date is when national operators withdrew them: many classes have preservation examples some of which have returned to the national network.

From the chart you will see that the only class not available is Class 16 although Heljan has now announced its plans to release this pilot scheme Bo-Bo design in 2012. Among the others there were many variations, with alterations such as removing the access hatches provided for multiple working and »

TABLE 4 - LOCOMOTIVE CLASSES OF THE EASTERN REGION (EX-LNER) 1958/1959

| Wheel Type | No of Classes | No of locos | Classes Available | % Type Avail |
|------------|---------------|-------------|---|--------------|
| 4-6-4 | 1 | 1 | | 0% |
| 4-6-2 | 7 | 202 | 'A4' (Hornby), 'A4' (Bachmann), 'A3' (Hornby), 'A2' (Bachmann), 'A1' (Bachmann), 'A1' - <i>Tornado</i> (Hornby) | 57% |
| 4-6-0 | 5 | 558 | 'B17' (Hornby), 'B1' (Hornby), 'B1' (Bachmann) | 40% |
| 4-4-0 | 6 | 161 | 'D49' (Hornby - RailRoad) | 16.6% |
| 2-8-0 | 12 | 390 | 'O4' (Bachmann), 'O1' (Hornby) | 16.6% |
| 2-6-2 | 1 | 184 | 'V2' (Bachmann) | 100% |
| 2-6-0 | 5 | 327 | 'K3' (Bachmann) | 20% |
| 2-4-0 | 1 | 1 | | 0% |
| 0-8-0 | 2 | 128 | | 0% |
| 0-6-0 | 17 | 1171 | 'J39' (Bachmann) | 5.8% |
| 4-8-0T | 1 | 7 | | 0% |
| 4-6-2T | 2 | 76 | | 0% |
| 4-4-2T | 5 | 33 | | 0% |
| 2-6-4T | 1 | 100 | 'L1' (Hornby) | 100% |
| 2-6-2T | 1 | 92 | 'V1'/'V3' (Bachmann) | 100% |
| 0-8-0T | 1 | 9 | | 0% |
| 0-6-2T | 6 | 342 | 'N2' (Hornby) | 16.6% |
| 0-6-0T | 10 | 407 | 'J72' (Bachmann), 'J83' (Hornby) | 20% |
| 0-6-0ST | 2 | 77 | 'J52' (Hornby), 'J94' (Hornby) | 100% |
| 0-4-4T | 1 | 195 | | 0% |
| 0-4-2T | 2 | 3 | | 0% |
| 0-4-0T | 5 | 22 | 'Y7' Model Rail/Dapol | 20% |
| 0-4-0ST | 1 | 14 | | 0% |
| Total 23 | 83 | 4,497 | 24% of classes or 56.5% of wheel arrangements | |

TABLE 5 - LOCOMOTIVE CLASSES OF BRITISH RAILWAYS 1958/1959

| Wheel Type | No of Classes | No of locos | Classes Available | % Type Avail |
|------------|---------------|-------------|--|--------------|
| 4-6-2 | 3 | 66 | 'Britannia' (Hornby), 'Clan' (Hornby) | 66.3% |
| 4-6-0 | 2 | 252 | '4MT' (Bachmann), '4MT' (Hornby), '5MT' (Bachmann) | 100% |
| 2-10-0 | 2 | 276 | '9F' (Bachmann), '9F' (Hornby - RailRoad) | 50% |
| 2-8-0 | 1 | 733 | 'WD' (Bachmann) | 100% |
| 2-6-0 | 3 | 200 | '4MT' (Bachmann) | 33.3% |
| 2-6-4T | 1 | 155 | '4MT' (Bachmann) | 100% |
| 2-6-2T | 2 | 75 | '3MT' (Bachmann) | 50% |
| Total 7 | 14 | 1,757 | 64.2% of classes or 100% of wheel arrangements | |

The largest missing link in 'OO' gauge remains as the humble 0-6-0, although this is gradually changing. One of many contenders is the North British Railway 'J36' 0-6-0 which passed into LNER and later BR ownership. 'J36' 65297 rests at Kittybrewster shed in May 1959. Colour Rail.



TABLE 6 - EARLY AND EXPERIMENTAL MAIN LINE DIESELS AND GAS TURBINES

| Class | Man | No of locos | Introduced | Withdrawn | Wheel Type | HP | Model |
|--------------------------|--|-------------------------|----------------|--------------|--------------------|--------------|---|
| I0000/I0001 | English Electric | 2 | 1947/1948 | 1963-66 | Co-Co | 1600 | Hatton's/Dapol Rails of Sheffield/ Bachmann |
| I0100 | BR Derby Fell Dev | 1 | 1950 | 1958 | 2-D-2 then 2-B-B-2 | 2400 | |
| I0201/ I0202/I0203* | Ashford Works | 3 | 1951- 1954* | 1962-1963 | I Co-Co-I | 1750 2000 | Kernow/Dapol |
| I0800 <i>Hawk</i> | NBL Ltd Rebuilt by Brush | 1 | 1950 1962 | 1962 1968 | Bo-Bo | 1400 | |
| I8000 | Brown Boveri | 1 | 1950 | 1961 | AIA-AIA | 2500 | |
| I8100 | Metropolitan Vickers Converted to prototype 25KV Electric 1958 | 1 | 1952 | 1958 | Co -Co | 3000 | |
| D0260 <i>Lion</i> | BRCW- Sulzer-AEI | 1 | 1962 | 1963 | Co-Co | 2750 | Heljan |
| D0280 <i>Falcon</i> | Brush | 1 | 1961 | 1970 | Co-Co | 2700 | Heljan |
| <i>Deltic</i> | English Electric | 1 | 1955 | 1961 | Co-Co | 3300 | NRM/ Bachmann |
| DP2 | EE Vulcan Foundry | 1 | 1962 | 1967 | Co-Co | 2700 | Heljan |
| GT3 | EE Vulcan Foundry | 1 | 1961 | 1962 | 4-6-0 | 2700 | |
| HS4000 <i>Kestrel</i> | Brush | 1 | 1968 | 1971 | Co-Co | 4000 | Heljan |
| Total Classes 12 | | No locomotives 15 | | | | | Availability of classes 58% |



To date the 'Atlantic' 4-4-2 wheel arrangement has not been seen as a ready-to-run model. Ex-LBSCR 'H2' 4-4-2 2421 South Foreland stands at Newhaven in Southern Railway livery in 1947. Colour Rail.



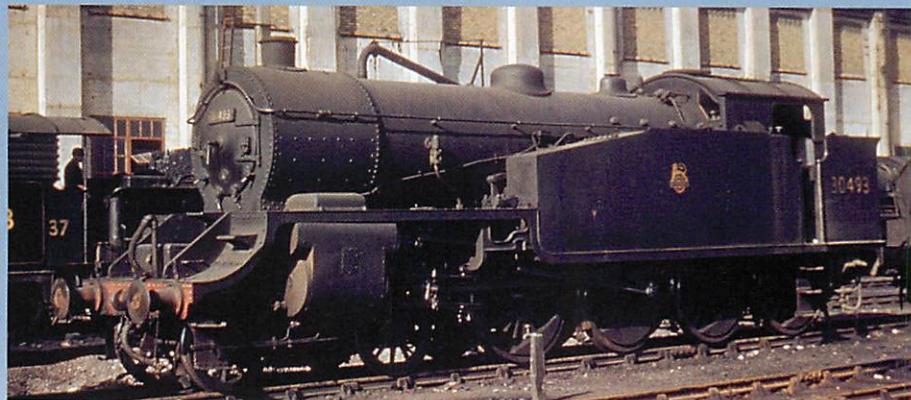
The Southern Railway's 'USA' 0-6-0Ts were powerful but compact shunting locomotives and several have been preserved. 'USA' 30064 stands at the Bluebell Railway's headquarters at Sheffield Park in 1973. Trevor Jones.

the addition and variation in head code positions. However, 96% of all main line production diesels are available as models.

Diesel shunters have not been covered in this survey. However, from the 0-6-0s the Class 03, 04, 08 and Class 14 are all produced by Bachmann, Hornby and Hattons/Heljan. 

• In future issues we will publish further surveys on electric locomotives and multiple units.

• For full information on diesel locomotives, British Rail Main Line Diesel Locomotives by Colin J Marsden, published by OPC and the relevant *Modern Locomotives Illustrated* by Ian Allan are essential reading.



The Southern Region's motive power was dominated by express and mixed traffic locomotives, but freight was still important. One of the more unusual classes was the Urie 'G16' 4-8-0T heavy freight tank. 30493 stands at Feltham in 1958. Colour Rail.

Below: Tank engines are another missing link in the available range of ready-to-run models. Ex-Great

Northern Railway 'J50' 0-6-0T 68987 ambles into London King's Cross in 1960. Trevor Jones.

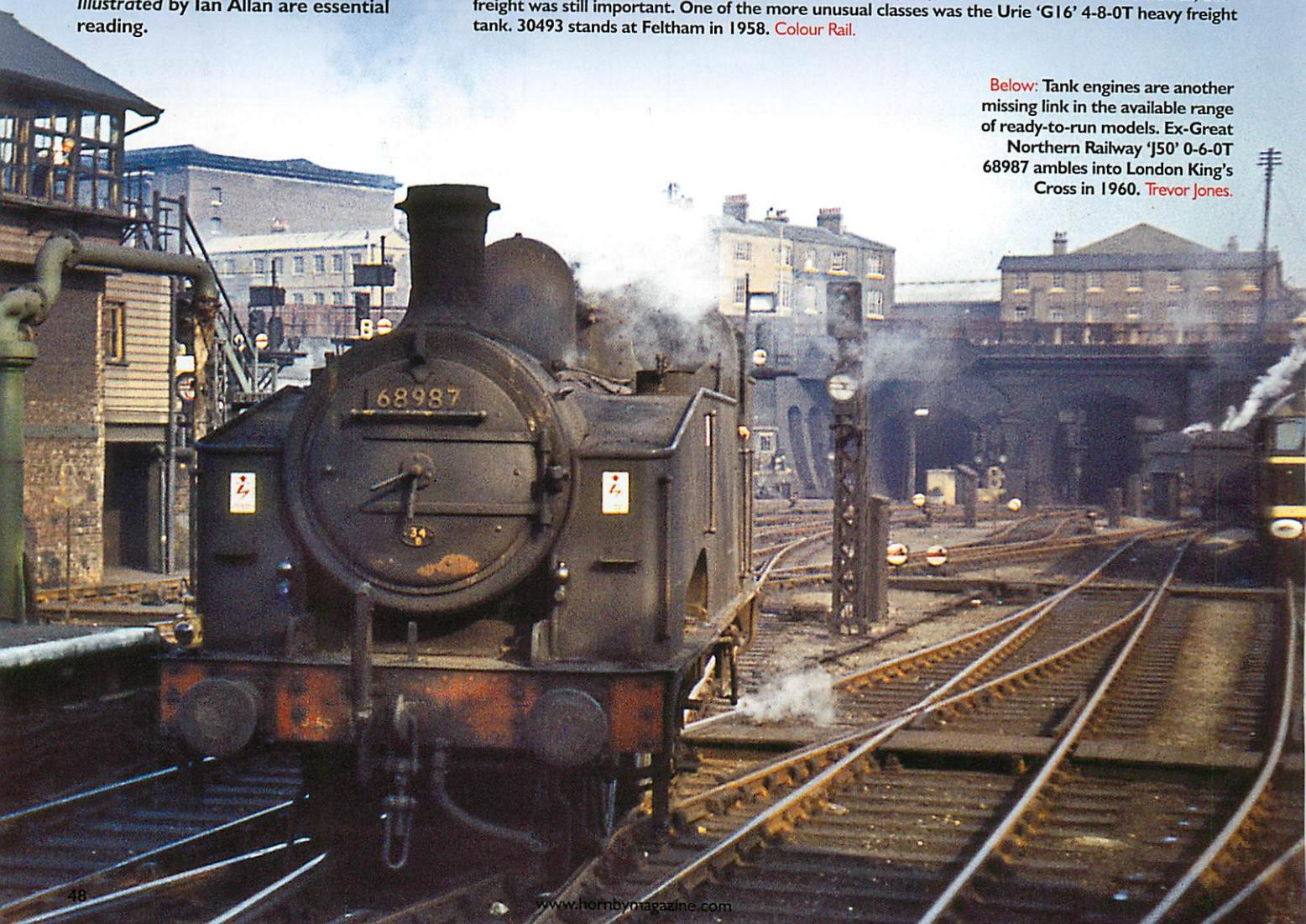
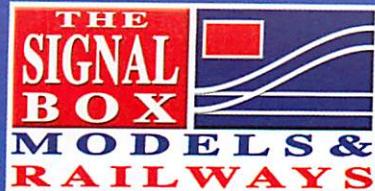


TABLE 7 – PRODUCTION MAIN LINE DIESELS

| Class | Man | No of Locos | Intro | Final Withdrawal | Wheel Type | HP | Model |
|--|-----------------------------------|-------------|-----------------------------|----------------------------------|------------|----------------|--------------------------------------|
| 15 D8200 – D8243 | Yorksire Eng Co and BTB | 44 | 1957 | 1971 | Bo-Bo | 800 | Heljan |
| 16 D8400-D8409 | NBL Ltd | 10 | 1958 | 1968 | Bo-Bo | 800 | Heljan |
| 17 D8500-D8616 | Clayton and Beyer Peacock | 117 | 1962 | 1971 | Bo-Bo | 900 | Heljan |
| 20 D8000-D8199 D8300-D8327 | EE & RSH Ltd | 228 | 1957 | - | Bo-Bo | 1000 | Bachmann |
| 21/29* D6100-D6157 | NBL Ltd * 20 Rebuilt 1965 | 158 | 1958 | 1971 | Bo-Bo | 1,100/1,350* | Dapol |
| 22 D6300-D6357 | NBL Ltd | 58 | 1959 | 1971 | B-B | 1,000/1,100 | Dapol |
| 23 D5900-D5909 | EE Vulcan Foundry | 10 | 1959 | 1971 | Bo-Bo | 1,100 | Heljan |
| 24 D5000-D5150 | BR Derby Crewe and Darlington | 151 | 1958 | 1980 | Bo-Bo | 1,160 | Bachmann |
| 25/0/1/2/3/9 D5151-D5299 D7500-D7677 | BR Darlington Derby Beyer Peacock | 227 | 1961-65 | 1987 | Bo-Bo | 1,250 | Bachmann |
| 26/0/1 D5300-5346 | Birmingham R.C.W. | 47 | 1958 | 1993 | Bo-Bo | 1,160 | Heljan |
| 27 D5347-D5415 | Birmingham R.C.W. | 65 | 1961 | 1987 | Bo-Bo | 1,250 | Heljan |
| 28 D5700-D5719 | Metropolitan Vickers | 20 | 1958 | 1968 | Co-Bo | 1,200 | Hattons/Heljan |
| 31/0/1/4 electric heating D5500-D5699 D5800-D5862 | Brush Ltd | 263 | 1957 | First 20 late 1970s Last 2001 | AIA-AIA | 1,250-1,600 | Hornby |
| 33/0/1/2 D6500-D6597 | Birmingham R.C.W. | 98 | 1960 | Late 1990s | Bo-Bo | 1,550 | Heljan and Hornby |
| 35 D7000-D7100 | Beyer Peacock | 101 | 1961 | 1975 | B-B | 1,740 | Heljan |
| 37 D6600-D6608 D6700-D6999 | EE and RSH Ltd | 309 | 1957 | - | Co-Co | 1,750 | Bachmann and ViTrains |
| 40 D200-D399 | EE and RSH Ltd | 200 | 1958 | 1985 | I-Co-Co-I | 2,000 | Bachmann and Hornby |
| 41 D600-D604 | NBL Ltd | 5 | 1958 | 1967 | AIA-AIA | 2000, | Kernow/Dapol |
| 42 D800-D832 D866-D870 Class 43 Warship D833-D865 | BR Swindon NBL Ltd | 71 | 1958 1960 | 1972 1971 | B-B | 2,000 2,200 | Bachmann and Hornby |
| 44 D1-D10 | BR Derby | 10 | 1959 | 1980 | I-Co-Co-I | 2,300 | Bachmann |
| 45 D11-D137 | BR Derby and Crewe | 127 | 1960 | 1988 | I-Co-Co-I | 2,500 | Bachmann |
| 46 D138-D193 | BR Derby | 56 | 1961 | 1984 | I-Co-Co-I | 2,500 | Bachmann |
| 47 D1100 – D1111 D1500 – D1999 | Brush and Crewe | 512 | 1962 | - | Co-Co | 2,580 | Bachman, Heljan, ViTrains and Hornby |
| 50 D400-D449 | EE | 50 | 1967 | 1994 | Co-Co | 2,700 | Hornby |
| 52 D1000-D1073 | BR Swindon and Crewe | 74 | 1961 | 1977 | C-C | 2,700 | Heljan and Dapol |
| 55 D9000-D9021 | EE Vulcan Foundry | 22 | 1961 | 1982 | Co-Co | 3,300 | Bachmann |
| Total Classes 26 | | Total 3033 | Availability of Classes 96% | | | | |



The Signalbox

www.thesignalbox.co.uk

FOR THE LARGEST RANGE
OF RAILWAY MODELS
AND ACCESSORIES VISIT
www.thesignalbox.co.uk
OR CALL 01634 826370



HORNBY 2012 CATALOGUE
£10.50 (POST PAID UK)

ALL LOCOS MARKED (x) alongside the Code
are also AVAILABLE DCC FITTED

DCC EQUIPMENT

| | |
|----------------------------------|---------|
| R8213 Select Unit | £78.99 |
| R8214 Elite Unit | £158.99 |
| R8245 Sapphire Decoder | £19.99 |
| R8247 Port Decoder | £28.75 |
| R8249 Loco Decoder (4 Func NMRA) | £9.00 |

DCC SOUND LOCOMOTIVES

| | |
|--|---------|
| R29925S BR 4-6-2 'Clive of India' Britania | £214.99 |
| R29973S BR 4-6-2 'Crewmember' Rebuilt WC | £214.99 |
| R30363S CI 08 BR Railfreight 08661 | £159.99 |
| R30373S CI 08 BR Green 03663 | £159.99 |
| R31303S BR 4-6-2 Holland-Afrika Line | £214.99 |
| R30843S Railfreight Class Donnington C56 £183.99 | |

TRAIN PACKS

| | |
|--|---------|
| R2934 Network Rail HST | £144.99 |
| R4457 Network Rail HST 2 Coach Pack | £43.99 |
| R2979 West Coast Railways Pullman | £162.99 |
| R4455 West Coast Railways Pullman Car | £65.50 |
| R2860 London 1908 GRW County Train | £129.99 |
| R2861 London 1948 BR N2 Train Pack | |
| R2865 LMS Duchess At Carlisle | |
| R2866 BR (W) Rake With The Ducky | |
| R2859 Tomato Express BR Bm Train Pack | |
| R3087 BR Full-Push | |
| R3092 Coronation Scot - Ltd Edition | |
| R3093 Tornado Pullman - Special Ed | |
| R3094 Diamond Jubilee - Special Ed | |
| R3095 Tomato Express BR Bm Train Pack | |
| R3097 BR Class 101 BR Blue/Grey | |
| R3147 BR Class 101 BR Green 3 car unit | |
| R3140 Northern Rail Class 142 | |
| BRIGHTON BELLE | |
| R2987 (x) Brighton Belle 1934 2 Car Pack | £144.99 |
| R2988 (x) Brighton Belle 1967 2 Car Pack | £144.99 |
| R4512 B/Belle Pullman Trailer Third | £35.99 |



HORNBY 2012 RANGE

ALL LOCOS MARKED (x) alongside the Code
are also AVAILABLE DCC FITTED

LIMITED EDITION LOCOMOTIVES

STEAM LOCOMOTIVES

DIESEL AND ELECTRIC LOCOMOTIVES

RAILROAD LOCOMOTIVES

RAILROAD LOCOMOTIVES

SOUTHERN

GWR COACHES

COACH PACKS

SOUTHERN

LNER/LMS COACHES

WAGONS

RAILROAD COACHES & WAGONS

| | |
|---|--------|
| R4513 B/Belle Pullman Trailer 1st w/Kitchen | £35.99 |
| R4514 B/Belle Pullman Trailer 1st w/Kitchen | £35.99 |
| R4527 B/Belle Pullman Trailer Third | £35.99 |
| R4528 B/Belle Pullman Trailer 1st w/Kitchen | £35.99 |
| R4529 B/Belle Pullman Trailer 1st w/Kitchen | £35.99 |

| | |
|---|---------|
| R3103 BR 4-6-2 'Bittern' Double Tender | £119.99 |
| R3104 Austerity 'Norman' D-0-6T J94 Class | £55.99 |
| R3105 GWR 4-6-0 'Wellington' Castle Class | £107.99 |
| R3107 (x) SR 4-6-0 'Sir Sargramore' | £107.99 |
| R3107 (x) BR 4-6-0 'Sir Herbert Walker KCB' | £111.99 |

| | |
|--|---------|
| R3107 BR 4-4-0 Class T9 Greyhound | £87.99 |
| R3108 SR 4-4-0 Class T9 Greyhound Southern | £87.99 |
| R3109 GWR 2-6-2 Prairie Class 61XX | £79.99 |
| R3110 BR 2-6-2 Prairie Class 61XX | £79.99 |
| R3111 BR 'City of Edinburgh' Coronation | £103.99 |
| R3114 BR 4-6-0 Thompson B1 Antelope Cl | £103.99 |
| R3115 BR 4-6-2 'Exeter' West Country Cl | £107.99 |
| R3116 BR 4-0-0 ATX Ternier Class | £48.99 |
| R3117 GWR 2-6-2T 14XX Class | £55.99 |
| R3118 BR 4-6-0 'Penrice Castle' Castle Cl | £102.99 |
| R3119 LMS 4-6-2 'Duchess of Aberconwy' | £104.99 |
| R3120 LNER 0-6-0T Class J83 DCC Fitted | £43.99 |
| R3121 BR 0-6-0T Class J82 DCC Fitted | £43.99 |
| R3122 GWR 0-6-0T Class 721 DCC Fitted | £43.99 |
| R3123 (x) BR 2-8-0T 42XX Class | £95.99 |
| R3124 (x) BR 2-8-0T 42XX Class | £95.99 |
| R3125 (x) GWR 2-8-0T 52XX Class | £95.99 |
| R3126 (x) BR 2-8-0T 52XX Class | £95.99 |
| R3127 (x) GWR 2-8-2T 72XX Cl | £103.99 |
| R3128 (x) BR 2-8-2T 72XX Cl | £103.99 |
| R3129 (x) SR 4-4-0T 47 Black | £103.99 |
| R3131 LNER 4-6-2 'Great Srippe' A4 Cl | £115.99 |
| R3132 LNER 4-6-2 'Book Rail' A3 Cl | £115.99 |
| R3133 NE 4-6-2 'Flying Scotsman' Black | £115.99 |

| | |
|--------------------------------------|--------|
| R3134 SR 4-4-0 'County of Fleet' | £54.99 |
| R3158 SR 4-4-0 'Dover' Schools Class | £54.99 |

| | |
|---|---------|
| R3159 Class 92 DB Schenker Red livery | £60.99 |
| R3160 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3161 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3162 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3163 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3164 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3165 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3166 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3167 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3168 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3169 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3170 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3171 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3172 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3173 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3174 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3175 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3176 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3177 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3178 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3179 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3180 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3181 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3182 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3183 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3184 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3185 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3186 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3187 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3188 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3189 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3190 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3191 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3192 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3193 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3194 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3195 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3196 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3197 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3198 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3199 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3200 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3201 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3202 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3203 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3204 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3205 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3206 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3207 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3208 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3209 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3210 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3211 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3212 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3213 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3214 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3215 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3216 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3217 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3218 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
|---|---------|
| R3219 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3220 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3221 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3222 (x) Class 60 DB Schenker Red livery | £119.99 |
| R3223 (x) Class 60 DB Schenker Red livery | £119.99 |

| | |
| --- | --- |
| R3224 (x) Class 60 DB Schenker Red livery | £119.99 |

<tbl_r cells="

MODELS CAN RETAIN OPERATING PRACTICES

I WRITE regarding Clive Jackson's letter in HM56 about realistic operation of model railways in exhibitions. His is the most sensible and considered piece I have read on this subject in a long time. He is absolutely right to say that exhibitors should attempt realistic operation within the bounds of reasonableness. Whilst Clive Jackson's chief irritation is trap points, mine is watching trains passing signals at danger as if they didn't exist, especially when on a large club layout, in 'OO' scale or larger. Network Rail (for who I work) and the train

operators are embracing technology and new working practices - such as Automatic Route Setting, European Rail Traffic Management System and Rail Operating Centres - which is moving the modern railway ever further from the 1900-1970s world the majority of modellers prefer. As this happens, so the difficulty of retaining the knowledge of how the real railway actually ran back then increases. Modellers have a part to play in holding on to this history and in educating the public who visit exhibitions. Questions of resources and time matter of course,

meaning established modelling clubs could take the lead in this area.

As a postscript, it would be rude not to say thank you to Hornby for their forthcoming 2012 models of GWR eight coupled freight tank engines. For years I have waited for these to be released ready-to-run, and I intend to reward Hornby for its commitment to the unglamorous world of heavy goods haulage by buying one example of each of the three classes being released.

Ben West, Watford, Hertfordshire.



EXPANDING ON DUBLO'S 'A4' MODELS

Having been involved in collecting and operating vintage toy trains for nearly 40 years I found the article on Hornby Dublo's 'A4' to be quite accurate, but there are a few points I would like to offer a little more of my own information.

Hornby Dublo was not the manufacturer - that was the brand name. The manufacturer was Meccano Ltd and it was that company that found itself in dire financial difficulties in 1964 and led to the take-over by Line Brothers who then owned the Tri-ang name. Hornby Dublo was not used as a brand name after that time.

The Tri-ang Railways range was re-named Tri-ang Hornby and a merger of the two ranges was suggested and even pretended, by availability of converter wagons and track and the inclusion of some Dublo models, (which had large amounts of unsold stock), in the catalogues for a few years. In reality however, Hornby Dublo was effectively wiped out.

Some former Hornby Dublo models were later manufactured by G&R Wrenn Ltd, initially

sold as Tri-ang Wrenn (appearing in the Tri-ang Hornby Catalogue in 1970) and then marketed as Wrenn Railways after the break up of Lines Brothers when the Tri-ang name disappeared from the model railway scene. It was never the whole range, just some of the tooling - and the Hornby Dublo name was never used.

The Wrenn 'A4' was a very different beast to the Hornby Dublo one. The pressed tin tender used from 1938 was replaced by a plastic one 'borrowed' with permission from the Tri-ang Hornby and later Hornby Railways Flying Scotsman model. The tender even carried the trade mark of the source underneath! The chassis was also different. It was not the ex-Dublo 'A4' chassis at all, but actually the former Dublo 'Princess Coronation' chassis equipped with Gresley valve gear. The locomotive consequently sat a little higher than the Dublo version and of course was now equipped with a Tri-ang style M1 3

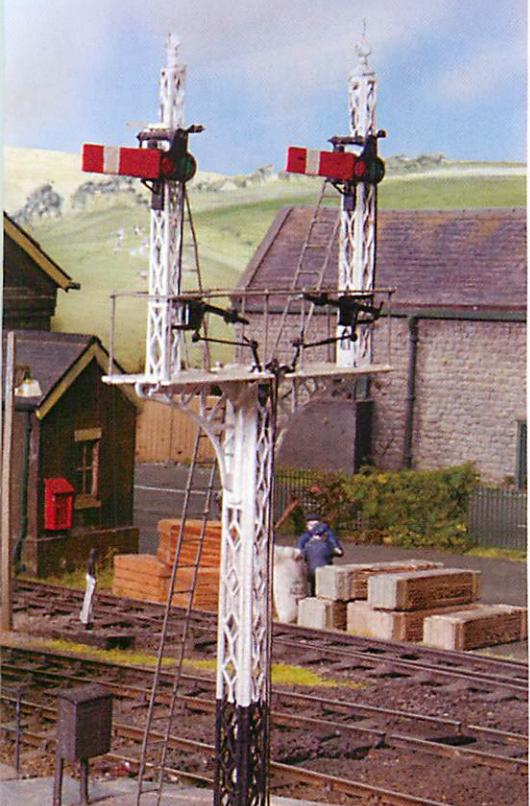
coupling.

Most Wrenn locomotives and stock were sold with the option of an easy conversion to the earlier discontinued Hornby Dublo (Peco Simplex) type coupling, but because of the Tri-ang/Hornby origins of the 'A4' tender, the conversion was a lot less easy!

James Day, by e-mail.



Penhallick (HM56) features fully operational signalling to control train movements in and out of the station and as Ben West suggests this is an ideal way of preserving railway history for the future. Bulleid 'West Country 34020 Seaton enters Penhallick. Mike Wild.



OVERCOMING AGE'S BARRIERS

I have been railway modelling for more years than I care to remember. Having always been mindful of accuracy and attention to detail made the hobby a great outlet for my skills which makes me look forward to the Project 12 to see how your team approaches the fundamentals of railway modelling.

But I have now reached my twilight years and, where once these considerations were so vital, they seem now to be much less important than they were. These changes have been forced upon me by the passing years: failing eyesight and creaking joints have made scrambling about underneath baseboards a no go area.

Instead I have had to bite the bullet and adopt surface mounted point motors which was unthinkable 10 years ago.

Together with the point motors, I also have to live with the surface wiring that goes with them. There are lots of things that I can no longer attempt. My once puritanical attention to detail and appearances no longer matter any more as I am still able run a model railway at 81 years of age. I think that, for me, I have at last got my priorities right which is the more important thing - nothing else matters. That's what age does for you!

Iain Mackenzie, by e-mail.

INVISIBLE 'N' GAUGE?

Peakdale

I have read Hornby Magazine from the very first issue and had always liked and enjoyed the mix of articles, variety of layouts, projects and reviews. You always covered the various gauges, well at least you used to.

Not for the first time in recent issues, apart from the odd layout, N gauge seems no longer to receive the coverage it deserves. In HM56, there is not a single review of any 'N' gauge items. Is that because nothing has been released, I think not. Time after time, any building or wagon project is 'OO' based. Why? I understand that 'N' gauge is in fact the fastest growing area of model railways so why 'air brush' it out of your picture?

When I first purchased the magazine I was concerned that the Hornby title would mean that range of products would be promoted over everything else. My fears were unfounded for quite a while but clearly with this issue that has changed with nine pages promoting Hornby - hardly even handed or necessary.

I have always in the past picked up Hornby Magazine without even looking at the content but I will no longer buy it without first checking the content.

Steve Scream, by e-mail.

Dear Steve, thank you for your comments and I hope I can now allay your fears about the apparent recent lack of 'N' gauge content in the magazine. To say that HM56 was devoid of any 'N' gauge content is untrue in that we featured the Lincoln and District Model Railway Society's superb 'N' gauge layout Peakdale.

Issue 56 however did have no 'N' gauge review

Lincoln & District Model Railway Club members took a stage of work with their latest exhibition layout and, as DEFRICK COGGAN explains, the resulting layout was as satisfying to build as it is to view.

Photograph: Mike Wild



models. This is simply because we didn't receive any in the office. However, I quite agree that 'N' gauge is growing and growing fast and it always has a place in the magazine. Take a look at this month's review section and you'll see our verdict on the largest Mk Is from Bachmann's Graham Farish arm, the N Gauge Society's Queen Mary brake van and Dapol's latest Class 66s.

When it comes to features we have tended to stick to 'OO' gauge for our subjects because that is where the majority of readers tend to model. The same is true of the type of projects we choose - again the vast majority are suitable for the BR steam era and early BR blue diesel periods.

We as a magazine already have one 'N' gauge exhibition layout which makes a handful of appearances each year and, as a sneak preview, there is also a second 'N' gauge layout in the pipeline which in the very early stages of construction. This will appear in due course in Hornby Magazine's Staff Projects section as it moves forward - Mike Wild.

In defence of the fens

I am in the process of building a 13ft x 8ft 'OO' Gauge layout based on the East Anglian Region in the 1950s-1960s period. The locomotives and stock are all numbered to represent real examples that were allocated to depots from Stratford to March and Norwich, both steam and diesel.

The buildings are mainly scratchbuilt, and again are models of real locations. But my question is this: having looked at this year's new releases from the main manufacturers, how is it that they never produce buildings from the East Anglian Region, in Hornby's Skaledale range, or Bachmann's Scenecraft series?

There are some really lovely stations, goods sheds and signalboxes that would make wonderful models from this region, and I would love to see more from East Anglia produced. The Station at Maldon or the goods shed from Chappel and Wakes Colne would be two examples. I think there would be a real market for ex-Great Eastern/LNER buildings.

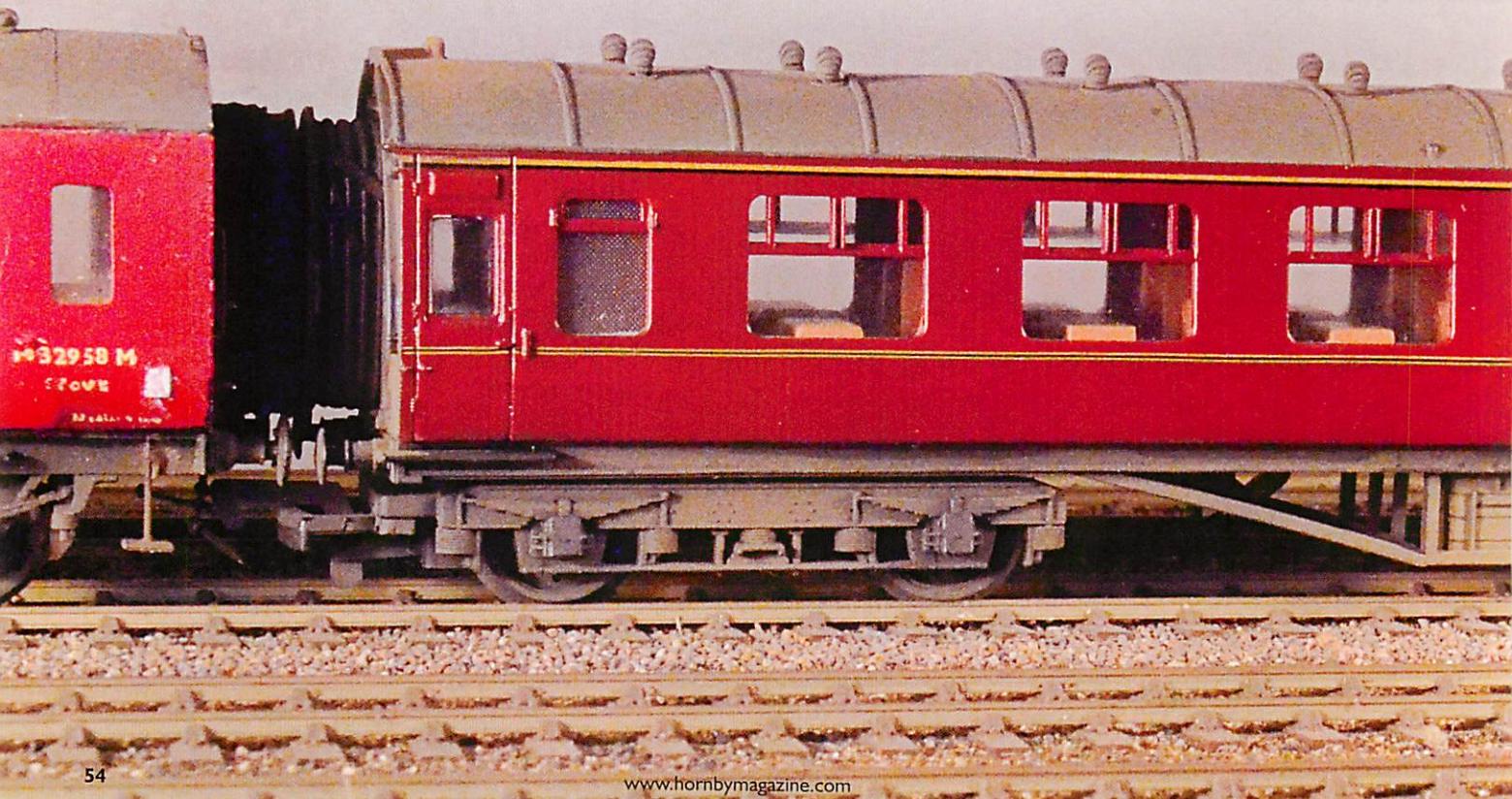
While I'm in wishing mode, please, please, could someone make a ready-to-run 'J15' or 'E4' as this iconic Eastern Region pair would fill a real gap in the market.

Richard Turner, Southend-On-Sea, Essex

The **QUICK FIX** solution

**PART
ONE**

The effect of many beautifully painted and weathered locomotives is ruined by the pristine coaches they haul, says **TIM SHACKLETON**, who shows how easy it is to make off the shelf models look much more realistic.



IF YOU BASED your expectations of what a coach looks like by studying models, you'd be sorely disappointed when you came to consider the real thing. As far as appearance is concerned, actual railway carriages rarely look like models. Even when fresh out of workshops they generally lack the shiny black underframes, matt-finish sides and immaculate grey roofs that come as standard on out-of-the-box coaches.

While we'll all of us, at some time, have travelled in coaches that looked as though they'd just seen service in a mudpit, filthy coach sides and windows are surprisingly rare. The vast majority of vehicles are kept pretty clean as far as the liveried areas are concerned, and it's the same story whether you're looking at suburban stock or Pullman trains and other prestige expresses. The running gear (which is never cleaned) will be liberally coated with brake block dust and road dirt, giving the bogies and underpinnings a strong brownish-grey tinge. The roof (which is seldom washed down either)

will be a darker version of the same shade, but this time distinctly sooty. White coach roofs in everyday service, are, unfortunately, a figment of the modeller's imagination.

So how do we explain the paradox that, in spite of this, coaches in everyday service still manage to look fairly spruce? Operating departments long ago realised that the key lies in selective cleaning. In terms of external appearance, the only difference between carriages and freight stock is that coach sides – and only the sides – will be regularly cleaned, otherwise there would be no point painting them in imaginative shades. Clean, bright livery colours are an important element in attracting passengers to the railway, so why subvert this by allowing them to become dirty? The traveller sees that lovely deep GNER blue or LMS maroon, and completely fails to notice how mucky the roof, ends and underframes are!

From a modeller's point of view, the visual elements relating to the appearance of passenger stock are common to any colour scheme you care to name. The clear division

of weathering into three areas – roof, sides and underframe, each requiring separate treatment – probably accounts for the reluctance of ready-to-run manufacturers to offer pre-weathered passenger stock.

In these linked articles I want to show you two ways of weathering coaches. The first, though simple, is ideal if your time and patience are limited – or if your carriage sidings are bulging and you need something quick and infinitely repeatable. The second (to appear in a later issue) is a customised approach which is perhaps better suited to the ambitious modeller with a modest collection of stock. Whichever approach you choose, you'll find that effective weathering can and does make a massive improvement to the appearance of any coach, even a less-than-perfect example such as the Stanier open second that is one of our guinea pigs. Adding masses of extra detail and laboriously flush-glazing every window counts for little if you skimp on the external finishing. This, after all, is the first anyone sees of a model – or a real coach, come to that. **Edna**

STEP BY STEP WEATHERING CARRIAGES – THE QUICK-FIX SOLUTION



1

I'm using a pair of 4mm scale coaches for this two-handed project. In this first part I've taken a Stanier open second released by Replica Railways more than a decade ago which is starting to show its age in terms of detailing and general finesse. Part 2 will see a more detailed job on Hornby's exquisite Maunsell brake composite in pre-war Southern Railway livery.

2

The lack of flush glazing is the biggest shortcoming of the Replica Railways Stanier coach and in its box-fresh condition it looks very toy-like. In terms of overall quality it's typical, I feel, of the kind of coaching stock still to be seen on many layouts. Rather than trying to improve its appearance by adding infinite layers of detail, my intention is to use weathering alone to make it more presentable. I'll be treating the Maunsell coach to something altogether more individual, as befits a smaller layout where more attention can be paid to the finer points of detail.



Subtle weathering using a small selection of colours from the same area of the colour spectrum leads to an authentic appearance for the roof and underframe of this Replica Railways Stanier 57ft coach.



PLEASE TURN FOR
STEPS BY STEP

STEP BY STEP WEATHERING CARRIAGES – THE QUICK-FIX SOLUTION



The first stage is to mask off the coach sides, which will remain clean. Here I'm using Tamiya's excellent low-tack masking tape – the half-inch variety which, conveniently for us, is exactly half the depth of the coach side. To avoid paint creep, make sure it's tucked well in under the cantilever.

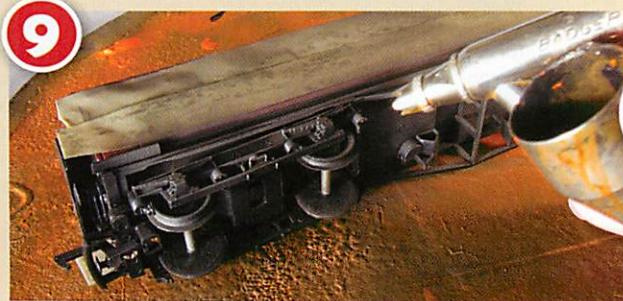


TIP
I'm using an ordinary Badger 150 airbrush for this job – there is no need with this kind of weathering for anything more expensive than a basic tool.

Weathering begins with a general application of a sooty brown-grey mixed, as ever, from Humbrol Matt Leather (No 52) and Metalcote Gunmetal (27004). Any matt black would do just as well but the reason for going for Metalcote is that the tiny metallic particles echo the sparkly, cindery quality seen on coach roofs.



One-colour blandness is totally unrealistic but then neither should anything ever stand out or draw attention to itself. However, one area where there's often a bit of local discolouration is around the roof-mounted water filler pipes.



I've laid the coach on its side and, with the masking tape still in place, started spraying the underframe with the same grey-brown mix I used on the roof. Again, be sure to spray 'in the round' otherwise details such as the springs and axleboxes won't receive full coverage. It's perfectly feasible to brush-paint this kind of weathering but it's a very slow process. I often weather rakes of coaches at one sitting but even with this approach it will be several hours' work.



Weathering effects are built up sequentially – you don't just spray one area and move on, rather you keep coming back to add increasingly subtle nuances of tone. While I'm putting an initial coat on the bogies I'm using the same darkish underframe colour to fill in a couple of bald patches that had become apparent on the roof.



Here you see the essence of my approach – subtle modulations of weathering tones on roof and underframe contrasting with the cleanliness of the coach sides. This is how coaches looked in the Victorian period and this is how they look today, all over the world. However, one of the problems of injection-moulded ready-to-run coaches is that, with their curious semi-matt finish, their bodysides look rather plastic.



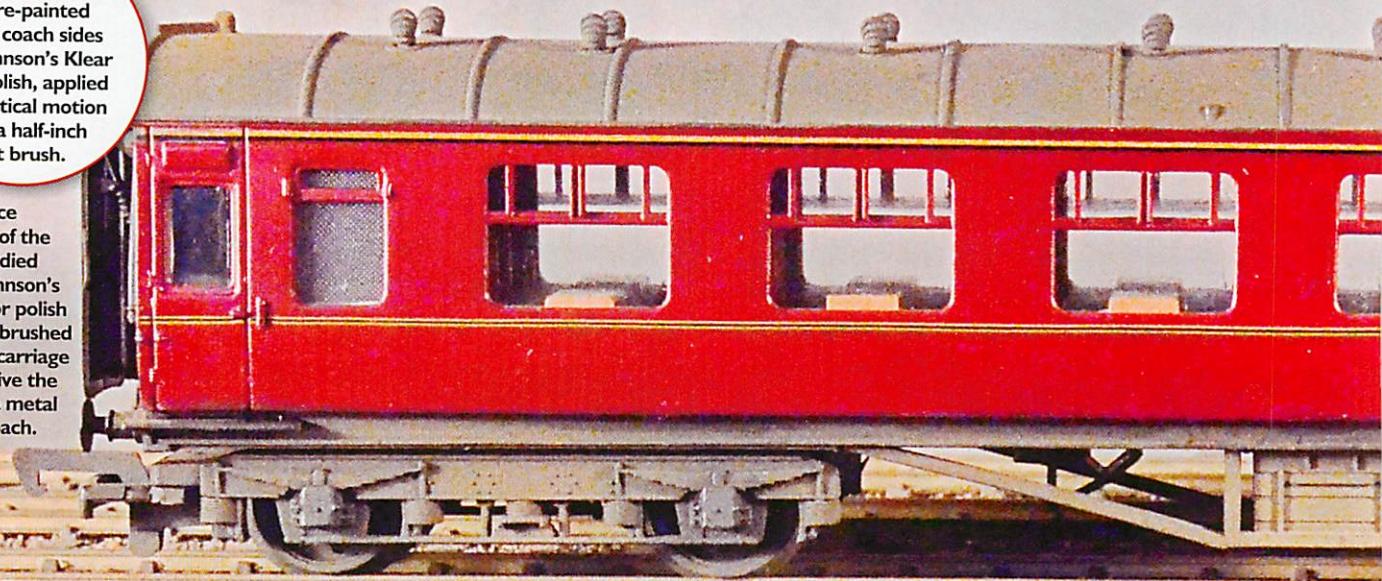
Real coaches, on the other hand, are made of thin sheet metal and their paint finish exhibits a high degree of gloss that gradually fades over time. If you want to make your carriages look more realistic some effort needs to be made to capture the glint of varnished coach sides.

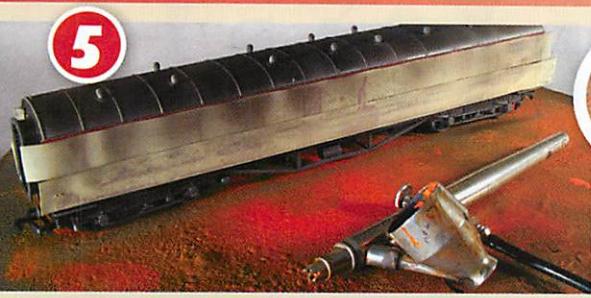


The technique of 'painting into the light' is ideal when you're brushing on Klear. With your light source coming towards you, you can see where the fluid has gone on and where the bald patches might be. After just one coat of this ultra-thin solution, the eye starts to see all kinds of pleasingly prototypical ripples and reflections. Klear, amazingly, leaves no brush strokes however thickly you apply it. A bottle will last you a modelling lifetime (it is great also for gluing down ballast and fixing clear plastic windows).



To enhance the sides of the plastic bodied model Johnson's Klear floor polish has been brushed onto the carriage sides to give the effect of a metal bodied coach.





The first coat of roof weathering has gone on and, being diluted 70:30 with white spirit, is drying fast. I'm using a thicker paint mix than usual because carriage roofs often exhibit a distinct texture, which the enhanced granularity of the paint particles will emphasise.



I've added 50% more Matt Leather to the mix and now I'm going over the roof again, merging the colours and spraying downwards between the roof ribs. There will always be a shadow line behind the roof vents so it's important to spray from different angles.



Brush-painting a realistic finish on a coach roof isn't easy. Only an airbrush can produce the smooth, gentle modulation of tones that you see on the real thing. They are not a single flat, solid 'coach roof' colour but rather a limited range of colours from the same part of the spectrum.



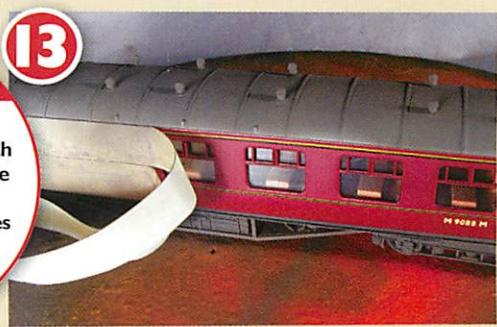
While you're at it, the ends can be treated with the same colour mix. The camera spots something I missed in all the excitement – a wayward roof ventilator.



Adding a further healthy hit of Matt Leather, I'm overspraying the bottom half of the ends with a second coat. This 'more-brown' colour echoes the road dirt and brake dust that liberally coats the lower parts of passenger stock.

TIP

I can add more of the same colour to areas such as the bogie sides and the battery boxes to create the subtle variety of tones that is the essence of good weathering.



Finally we can peel away the masking tape and see what lies beneath. The roof and underframes exhibit their familiar grubbiness but the coach sides are untouched. Already the general condition of the vehicle will be starting to ring bells but there is quite a bit of work to do still.



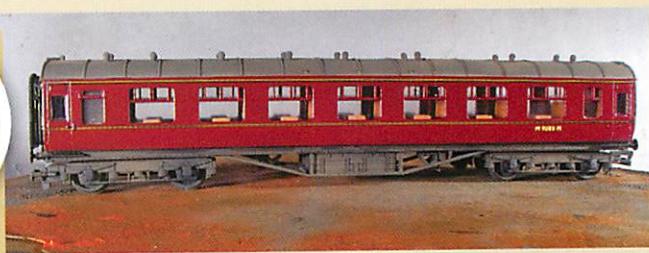
17

A second coat of Klear is usually advisable but a third rarely achieves anything. Now that it has the elusive 'glint' of well-polished paintwork, our injection-moulded Replica model has taken on the distinctive characteristics of a steel-bodied carriage. The lack of proper flush glazing is still a little awkward, but the model looks a lot more like an in-service Stanier coach than it did when we started, and one is far more inclined to pass over its other shortcomings.



18

I'm not going to add much detail weathering but one effect is the caked-on oil you often see on axlebox covers. I find the best way to represent this is with Humbrol's Metalcote Gunmetal, but this time I'm using the dried-out residue at the bottom of an empty tin.



19

This is not a showcase model on which I might lavish a day or more of highly detailed weathering. It's a coach that will run in a train, and be considered as such. The object of the exercise is to use weathering alone to lift a run-of-the-mill model to an altogether higher level. Because it looks so plausible as far as its external appearance is concerned, you can forgive the fact that it's lacking some of the fine touches we take for granted in today's exquisite ready-to-run models. Even those large tension-lock couplings somehow don't seem quite so prominent!



St Stephens

In Summer 2011 Hornby Magazine undertook a project to build a new Western Region layout for Hornby Magazine Yearbook No. 4. On the eve of its second public appearance at Model Rail Scotland in Glasgow

MIKE WILD reveals the story behind this unusual 'L' shape multi-regional layout.

Photography, Mike Wild.

WHEN IT CAME TO choosing a subject and location for the new layout for Hornby Magazine Yearbook No. 4 there was only one choice – the Western Region. In the past we've built Southern, Midland and Eastern Region models, but until the birth of St Stephens Road the BR's Western Region with its delightful 'Pannier' and 'Prairie' tanks and the distinctive diesel hydraulics of the transition era had been, perhaps, neglected at Hornby Magazine HQ.

The original idea for St Stephens Road revolved around a compact layout using a scenic area of 8ft x 4ft, but this was one of

those projects which was set for numerous revisions before it came close to being a workable scenario.

Initially four 4ft x 2ft baseboards were built and assembled as a single 8ft x 4ft solid top foundation for the layout. Drawing out the initial trackplan on the new baseboards, which was a continuous run, revealed that it wasn't going to provide all that much interest for onlookers or operators when the layout went out to exhibitions.

The next step was to take a change of direction using the two fiddle yards from Berrybridge bolted onto the 8ft x 4ft scenic section creating an 'L' shape to the overall



Road

model. This would have given a total footprint of 12ft x 8ft, but it also allowed for a junction station to be built, requiring a third fiddle yard to be constructed.

This idea worked in principle, but owing to the need to use tension lock couplings and a desire to include shunting operations on St Stephens Road it was found to be unworkable from an operating perspective.

Light bulb moment

After much head scratching, a little cursing and an opportunity to consider the options, the four baseboards were separated and a completely new format was devised. »

STATISTICS

| | |
|----------|--------------------------------------|
| Owner: | Mike Wild/Hornby Magazine |
| Scale: | 'OO' |
| Length: | 14ft |
| Width: | 12ft |
| Track: | Peco code 75 |
| Control: | Analogue |
| Period: | BR Western/Southern Region 1952-1962 |



With two independent routes double departures feature prominently in operations. A Bulleid 'Battle of Britain' tackles the stiff climb away from St Stephens Road as a Churchward '45XX' heads along the Western Region route towards the coast.



A Churchward '45XX' 2-6-2T simmers in the goods loop with a china clay train as a Collett '2251' 0-6-0 draws into St Stephens Road with a rake of empty clay wagons.

To keep the baseboard width to a sensible level for operating they were rearranged as an 'L' measuring 8ft x 2ft on the shortest side and 10ft x 2ft on the longest. Better still, it meant that with the new format two independent routes could be built offering the chance to represent an interchange between the Western and Southern Regions.

This brought about its own problems as St Stephens Road now required four separate fiddle yards to supply trains on both routes, but with only two available from Berrybridge and some complications in terms of operation, the fiddle yard design went onto the back burner while work concentrated on developing the scenic side.

The overall concept of St Stephens Road is relatively simple. It features a Western Region branch line in North Cornwall which serves a coastal destination bringing with it a plentiful supply of goods and passenger traffic with the latter including portions of express trains from the East. Included in the plan is a station (nominally based just North of Launceston, where the GWR and Southern Railways had their own stations side by side) with two goods loops on the Western Region side - akin to Highley on the Severn Valley Railway - while the Southern Region side features a single loop. Only one platform face is provided in each direction, making operations that little bit more involved: there is no point in passing passenger

trains in the loops as all trains call at St Stephens Road except for a single express working.

The main feature of the long side of the 'L' is a substantial goods yard which features three sidings, a large goods shed and all the necessary facilities including coal staithes and a yard crane to serve local businesses. Also included is the junction which connects the Western and Southern Region routes, but to make matters more interesting there are joint running powers from St Stephens Road with Western Region china clay trains continuing onto Southern metals to reach the nearby clay dries. If it sounds like a mixture of the Bodmin to Wadebridge and Tavistock to Launceston (GWR and SR) railways, you'd be right -

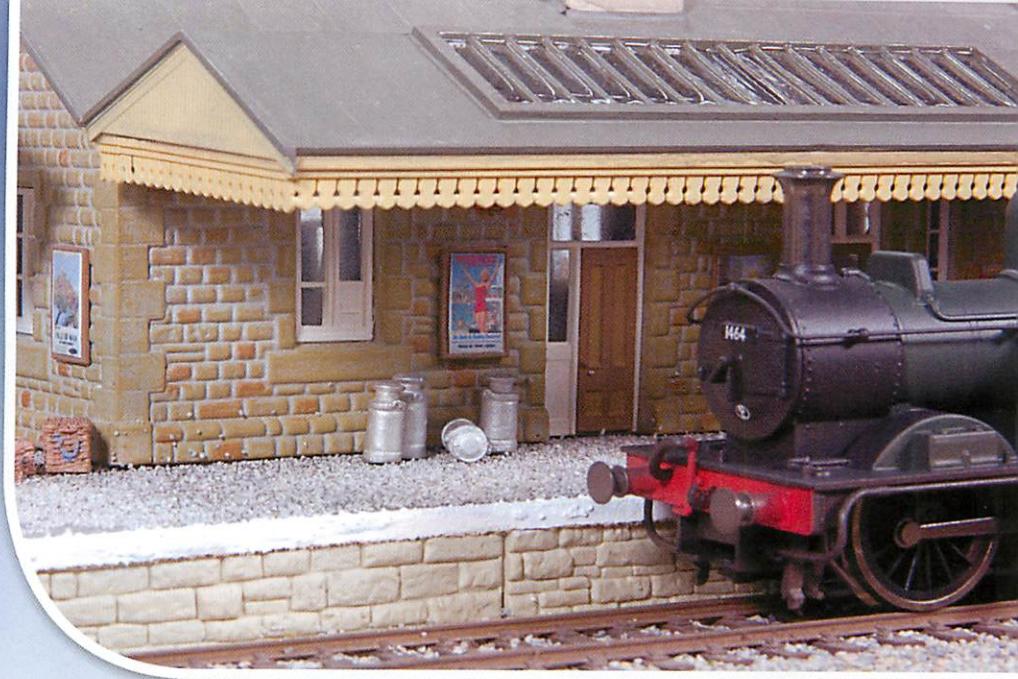


many of the elements of those routes are incorporated into St Stephens Road.

Construction

The baseboards for St Stephens Road are built in solid top format using 9mm plywood sheets – bought pre-cut to 4ft x 2ft from a local DIY outlet – supported by a framework of 69mm x 18mm timber. These are screwed together using wood screws with a line of PVA on the top of each timber for added strength.

Joining the boards together is tackled simply with 60mm M6 bolts using 30mm washers to spread the load and matching M6 wing nuts. This makes the baseboards quick to assemble and dismantle in all situations. »



 The station building is built from a Ratio kit with details including milk churns and baskets from the Hornby Skaledale range.



 A 'Hymek' powers away from St Stephens Road with a van train after a brief pause at the station.



Supporting the baseboards are hand built trestle legs constructed from 69mm x 18mm timber with 70mm hinges at the tops and metal chains to stop the legs from parting on smooth floors.

With the baseboards prepared and assembled in their final format attention turned to track laying. For this we used Peco's code

75 finescale track which has a finer appearance than code 100. However, knowing that current standard rolling stock would be used throughout there was no need to worry about flange depth which would otherwise have suggested turning towards code 100 track which has a deeper rail profile allowing older models to operate on it.

Top: A '57XX' 0-6-0PT shunts in the goods yard as a 'Prairie' approaches on the Western and a BR '4MT' departs on the Southern.

Above: A Collett '2251' approaches St Stephens Road where it will set back into the goods yard to shunt.

Below: With a mixed goods behind a Churchward '45XX' waits patiently in the goods loops as a 'Warship' hydraulic prepares to depart.

The track was laid over 1/16th in cork sheets which when trimmed away around the trackbed left a ballast shoulder when scenic work began. In total just over 15 yards of track and 12 points have been installed on the layout to reach the conclusion of track laying for the scenic section.

Prior to ballasting the track was weathered using Railmatch sleeper grime from an aerosol. First though the point blades were covered with masking tape to stop paint working its way into the blades and stopping electrical contact. The final areas around the points were then finished by hand using a small brush and a tin of the same colour.

Ballasting took place using Woodland Scenics fine and medium grade ballasts with a combination of blended grey and buff colours being used to give a little variety to the finished effect. This was applied loose to the layout, brushed carefully into place using a 1in paint brush, sprayed over with water from a plant water mister then fixed in place with a 50:50 mixture of PVA glue and water with a couple of drops of washing up liquid added to remove surface tension from the mixture.

Scenic beginnings

The scenic side of St Stephens Road began by installing the two road bridges which cross the railway – one across the station throat on the Western Region line and the other beyond the goods yard as the same route heads back 'off stage' to the fiddle yard. This two high points marked the terrain of the layout which then sweeps down to the railway giving the effect of it sitting within a shallow valley with gentle rolling hills either side.

The formwork for the scenery is constructed entirely from high density polystyrene insulation sheets which are 50mm thick. These are easily carved, shaped and worked both before and after fixing to the baseboard with

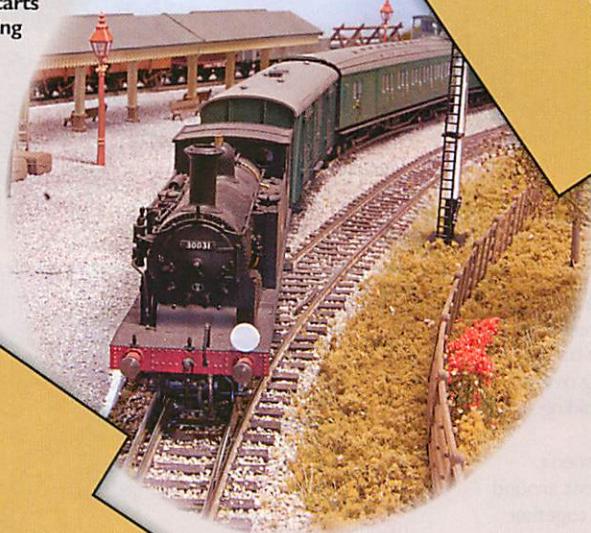


ST. STEPHEN'S ROAD TRACK DIAGRAM (Not to scale)

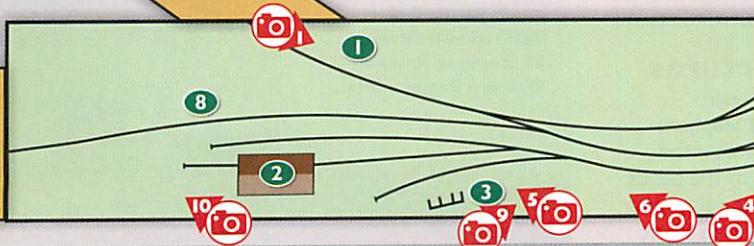
KEY

| | | |
|-----------------|----------------|----------------------|
| 1 WR/SR branch | 5 Public house | 9 SR line |
| 2 Goods shed | 6 Signalbox | 10 Station building |
| 3 Coal staithes | 7 Platform | 11 Station forecourt |
| 4 Houses | 8 WR line | 12 Road |

 8 On the Southern Region side a Drummond 'M7' 0-4-4T restarts its short stopping train after connecting with a Western Region service.



Fiddle Yard



Fiddle Yard

PVA glue to create realistic shapes while also being light and quick to work with.

To provide a final surface the polystyrene formwork was covered with Woodland Scenics plaster bandage which gives a hard wearing surface to the hills. Before proceeding to grass application the raw scenic foundation was painted over with brown poster paint while the plaster bandage was still wet allowing the paint colour to soak into the material.

The grass on this layout is built up through a number of layers of Woodland Scenics fine turfs, MiniNatur static grass, Woodland Scenic coarse turfs and more with the addition of hedge rows made from polyfibre teased out, sprayed brown and rolled in fine turfs of suitable colours.

Trees on this layout are entirely made from seamoss. Like the polyfibre hedges this material is sprayed with brown enamel paint from an aerosol before being given a generous coat of blended green fine turfs to create the finished effect. The two largest trees are made from several pieces of seamoss bound together with masking tape at the bottom and treated with the same spray paint and fine turf covering.

The other main surface on the layout is the road and platform. For this tester pots from a DIY store were bought and mixed with fine grade Woodland Scenics ballast to create a textured paint. This was then brushed on using



Fiddle Yard

12

7

3 2

4

5

6

7

8

9

10

11

12



two slightly differing shades for the road and platform. The platform was also treated to a separate layer of fine blended grey ballast to enhance its appearance by spraying over the surface with matt varnish and sprinkling small amounts of ballast over it.

The final additions to the overall scenic appearance of the layout were fences around the platform and along the lineside together with a small selection of flowers from the MiniNatur range to give the layout a little colour.

Buildings and structures

Only a handful of buildings have been incorporated into the plan for St Stephens Road. The most prominent of these is the station building followed closely by the goods shed. A GWR pattern signalbox has also been installed and all three of these models were constructed by Phil Parker for the layout using Ratio kits as their basis.

Adding to this there are two cottages overlooking the station. Both of these are from Hornby's Skaledale range and they are settled into small gardens which add a little interest to what was otherwise a fairly bare corner of the model.

An important aspect of the layout is its signalling. Despite it being a multi-regional layout with both Western and Southern operated routes, research suggested that only one type of signalling would be used throughout the station area so all signals at St Stephens Road are of GWR lower quadrant pattern.

There are nine stop signals, one twin arm bracket signal and one three arm bracket signal which was constructed using two bracket signal kits merged together.

Operation

St Stephens Road is built with cab control and uses Gaugemaster handheld W model analogue controllers to operate the trains. A mimic diagram control panel is located in the central operating well for the operators to control points through electrical contact studs with double pole double throw switches for all feeds to allow either of the two controllers to control any section of the layout – be it Western and Southern Region.

 **Above:** With empty china clay wagons behind a Collett '4575' 2-6-2T takes the junction at St Stephens Road for the Southern Region en route to the nearby clay dries.

 **Right:** Viewed across the busy goods yard a Collett 'Hall' rumbles towards St Stephens Road on Western Region metals.



The two routes through St Stephens Road are operated independently, but they are also linked by a crossover which allows china clay trains to pass between the Western and Southern routes. This operation has called for a series of dead end sidings to be laid in the fiddle yard which allows this working to run back and forth without interfering with other 'main line' operations in the fiddle yard.

The fiddle yard itself saw a radical rethink a week before the layout was due to make its exhibition debut at the Swindon Railway Festival in September 2011. This culminated in the layout being modified to become a continuous run with a 12ft fiddle yard positioned across the rear at an angle forming a triangular shape to the complete set up.

To allow trains from the Southern Region to access their fiddle yard two additional connections were built to link the whole layout together, but so far we have relied on purely manual operation for the points in the fiddle yard – a method which worked well during the first show at Swindon through

careful positioning of the points.

The Western Region side of the layout has a comprehensive locomotive fleet. Some push the boundaries of history by their inclusion in the roster – such as the GWR AEC railcar and GWR '28XX' 2-8-0 – but the majority are wholly appropriate to the area in question – North Cornwall.

Chief among the fleet are ex-GWR 'Pannier' and 'Prairie' tanks in both BR black and BR green, but there are also larger designs such as a 'Hall' 4-6-0 and a pair of '2251' 0-6-0s. Adding to this is a selection of diesel hydraulics covering 'Warship', 'Hymek', 'Western' and Class 22s, although the 'Western' is only used on one non-stop train – a five coach portion of a holiday express.

The Southern Region fleet is a little more conservative but covers Bulleid air-smoothed 'West Country'/'Battle of Britain' 4-6-2s, Maunsell 'N' 2-6-0s, Drummond 'M7' 0-4-4Ts, a Beattie '0298' 2-4-0WT and a BR 'Standard Four' 2-6-4T.

The future

When St Stephens Road made its debut at the Swindon Railway Festival in September 2011 it was fresh out of the box – literally. The layout was only completed (and briefly tested) in the early hours of the Friday morning before the event having taken just eight weeks to go from a blank set of baseboards to the fully scenic layout which was packed in the van.

However, while it ran superbly for its first showing, there were problems with the curved connections from the fiddle yard and these will be replaced prior to Model Rail Scotland to ensure that the three day operating session in Glasgow runs smoothly. Added to this the track will be weathered and toned down and hopefully more detail will be added.

The rolling stock fleet continues to expand and with some attractive ex-GWR locomotives on the horizons for 2012 St Stephens Road looks set to benefit in the year ahead.

Look out for the layout at Model Rail Scotland and do come over and say hello to the *Hornby Magazine* team. **Hornby**



TELEPHONE/ORDER

HOTLINE

(0114) 2551436

Open 9:00 am - 5:00 pm

24 Hr Answerphone for orders
outside shop hours



RAILS OF SHEFFIELD

HORNBY

| | | |
|---------|--|---------|
| R2920 | B17/1 'Sandringham' LNER Green | £94.50 |
| R2920X | B17/1 'Sandringham' LNER Green | £109.50 |
| R2921 | B17/2 'Thorpe Hall' BR Green Early Emblem | £94.50 |
| R2921X | B17/2 'Thorpe Hall' BR Green Early Emblem | £109.50 |
| R2922 | B17/6 Class Grimsby Town BR Green Late Crest | £94.50 |
| R2922X | B17/6 Class Grimsby Town BR Green Late Crest | £109.50 |
| R2979 | West Coast Railways Pullman Train Pack | £149.50 |
| R2980 | London 1908 - Limited Edition of 1908 | £129.50 |
| R2981 | London 1948 - Limited Edition of 1948 | £159.50 |
| R2984 | Network Rail HST Measurement Train Pack | £147.50 |
| R2987 | Pullman Brighton Belle 1934 | £144.50 |
| R2987X | Pullman Brighton Belle 1934 | £159.50 |
| R2988 | Pullman Brighton Belle 1967 | £144.50 |
| R2988X | Pullman Brighton Belle 1967 | £159.50 |
| R2989XS | LMS 'Duchess of Montrose' Duchess Class #6232 "SOUND" | £204.50 |
| R2990XS | BR 'Helena Victoria' Princess Royal Class #46208 "SOUND" | £204.50 |
| R2991XS | Class A4 4-6-2 'Sparrow Hawk' BR Blue #60018 "SOUND" | £204.50 |
| R2992XS | Britannia 4-6-2 'Civie of India' BR Green 1/C #70049 "SOUND" | £210.50 |
| R2994XS | BR 4-6-0 'Clun Castle' Castle Class #7029 - Late BR "SOUND" | £204.50 |
| R2995XS | BR 4-6-0 Black 5 Class #45010 - Weathered "SOUND" | £204.50 |
| R2997XS | Rebuilt West Country 'Cremorne' BR Green #34040 "SOUND" | £210.50 |
| R2998 | LNER Thompson 'Roederer' B1 Antelope Class Apple Green | £94.50 |
| R2998X | LNER Thompson 'Roederer' B1 Antelope Class Apple Green | £109.50 |
| R3000 | BR Thompson 'Sir Harold Mitchell' Antelope Class Black 1/C | £94.50 |
| R3000X | BR Thompson 'Sir Harold Mitchell' Antelope Class Black 1/C | £109.50 |
| R3003 | Ex LNER B17/6 Class #61669 'Barnsley' BR Green 1/C | £94.50 |
| R3003X | Ex LNER B17/6 Class #61669 'Barnsley' BR Green 1/C | £109.50 |
| R3004 | Ex LNER B17/6 #61631 'Selby Hall' BR Green E/C Weathered | £94.50 |
| R3004X | Ex LNER B17/6 #61631 'Selby Hall' BR Green 1/C Weathered | £109.50 |
| R3005 | Ex GWR 2800 Class 2-8-0 #2845 BR Black 1/C - Weathered | £104.50 |
| R3005X | Ex GWR 2800 Class 2-8-0 #2845 BR Black 1/C - Weathered | £119.50 |
| R3006 | Ex GWR 3800 Class 2-8-0 #3801 BR Black E/C - Weathered | £104.50 |
| R3006X | Ex GWR 3800 Class 2-8-0 #3801 BR Black E/C - Weathered | £119.50 |
| R3007 | Thompson Class 112-6-4TR Black Late Crest - Weathered | £84.50 |
| R3007X | Thompson Class 112-6-4TR Black Late Crest - Weathered | £94.50 |
| R3008 | Class A4 #60011 'Empire of India' BR Green 1/C 1st Edition | £144.50 |
| R3010 | SR King Arthur/N15 Class 'Sir Sagramore' SR Green #771 | £109.50 |
| R3010X | SR King Arthur/N15 Class 'Sir Sagramore' SR Green #771 | £122.50 |
| R3014 | LMS 'Duchess of Sutherland' #6233 LMS Black 2010 Livery | £104.50 |
| R3014X | LMS 'Duchess of Sutherland' #6233 LMS Black 2010 Livery | £119.50 |
| R3015 | BR 4-6-2 'Princess Arthur of Connaught' #46207 BR Maroon | £102.50 |
| R3015X | BR 4-6-2 'Princess Arthur of Connaught' #46207 BR Maroon | £119.50 |
| R3017 | BR (Early) Patriot 'Sir Herbert Walker K.C.B.' BR Green #45533 | £109.50 |
| R3017X | BR (Early) Patriot 'Sir Herbert Walker K.C.B.' BR Green #45533 | £122.50 |
| R3018 | Royal Scot Class 'Scots Guardsman' #46115 BR Green 1/C | £99.50 |
| R3018X | Royal Scot Class 'Scots Guardsman' #46115 BR Green 1/C | £109.50 |
| R3030 | LMS Class 4F 0-6-0 #4312 LMS Black | £79.50 |
| R3031 | BR Class 4F 0-6-0 #44331 BR Black | £79.50 |
| R3033XS | Railfreight Class 56 'Haworth Colliery' #56095 "SOUND" | £179.50 |
| R3036XS | Railfreight Class 08 Shunter #08661 "SOUND" | £159.50 |
| R3037XS | BR Class 08 Shunter D3963 BR Green "SOUND" | £159.50 |
| R3038 | Class 67 W&Bo Diesel Electric 'A Shropshire Lad' #67012 | £101.50 |
| R3038X | Class 67 W&Bo Diesel Electric 'A Shropshire Lad' #67012 | £115.50 |
| R3044 | Class 31/1 Network Rail A1A-A1A #31233 | £104.50 |
| R3044X | Class 31/1 Network Rail A1A-A1A #31233 | £119.50 |
| R3047 | Class 101 2 Car Diesel Multiple Unit Strathclyde PTE Orange | £74.50 |
| R3050 | Class 56 Co-Co BR Blue #56082 | £102.50 |
| R3051 | Class 60 EWS British Steel Blue 'Tees Steel Express' #60033 | £102.50 |
| R3052 | Class 56 Railfreight Sub Sector 'Richard Trevithick' #56031 | £102.50 |
| R3054 | Class 50 Laira Blue 'Thunderer' #50008 | £94.50 |
| R3057 | Class 92 Co-Stobart Rail 'Bart the Engine' #92017 | £59.50 |
| R3061 | GWR County Class 4-4-0 'County of Bedford' | £59.50 |
| R3084XS | Class 56 'Castle Donnington Power Station' #56091 "SOUND" | £180.50 |
| R3135 | Class 92 Co-Co Diesel GBRf #92032 | £60.50 |
| R3141 | Class 60 Co-Co Diesel Electric DR Schenker 'TATA Steel' #60099 | £117.50 |
| R3150 | Class 60 Co-Co DR Schenker 'The Spirit of Tom Kendall' #60007 | £117.50 |
| R4171C | LNER 6ft 6in Corridor 1st Class Coach | £94.50 |
| R4172D | LNER 6ft 6in Corridor 3rd Class Coach | £94.50 |
| R8249 | 4 Function Decoder | £13.50 |

Colour coding:

No DCC - DCC READY - DCC Fitted

WWW.RAILSOFSHEFFIELD.COM

email: info@railsofsheffield.com

Fax: (0114) 255 5982

When ordering please quote reference:

RAILS DEPT HM 2012



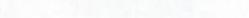
PayPal



DEBIT



SWITCH



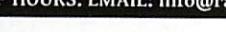
User ID: rails-sheffield

<http://stores.ebay.co.uk/Rails-Of-Sheffield>



User ID: rails-sheffield

<http://stores.ebay.co.uk/Rails-Of-Sheffield>



GRAHAM FARISH

| | | |
|----------|---|---------|
| 371-020 | Class 08 #13029 BR Black Early Emblem | £54.50 |
| 371-021 | Class 08 #13365 BR Green Early Emblem | £54.50 |
| 371-022 | Class 08 D3729 BR Green Wasp Stripes - Weathered | £57.50 |
| 371-030 | Class 20 D8000 BR Green Indicator Discs | £74.50 |
| 371-031 | Class 20 #20192 BR Blue Indicator Box Panel | £74.50 |
| 371-032 | Class 20 #20063 BR Blue Indicator Discs - Weathered | £77.50 |
| 371-501 | Class 101 2 Car DMU BR Green | £84.50 |
| 371-503 | Class 101 2 Car DMU BR Blue & Grey 'Express Parcels' | £96.50 |
| 371-510 | Class 101 3 Car DMU BR Blue | £96.50 |
| 371-511 | Class 101 3 Car DMU BR Blue & Grey | £96.50 |
| 371-701 | Class 350-2 Desiro 4 Car EMU #350 238 London Midland | £117.50 |
| 371-702 | Class 350-1 Desiro 4 Car EMU #350 101 London Midland | £117.50 |
| 371-740 | Midland Pullman 6 Car Unit Nanking Blue | TBA |
| 371-741 | Midland Pullman 6 Car Unit BR Blue Yellow Ends | TBA |
| 371-777 | Class 90 Electric #90046 Freightliner | £72.50 |
| 371-825A | Class 47 D71745 BR Two-Tone Green Small Yellow Panel | £81.50 |
| 372-401 | Class J39 #64960 BR Black Early Emblem Flat Sided Tender | £62.50 |
| 372-402 | Class J39 #64791 BR Black Late Crest Stepped Tender | £62.50 |
| 372-403 | Class J39 #64841 BR Black Late Crest Stepped Tender - Weathered | £66.50 |
| 372-425 | WD Austerity Class 2-8-0 'Vulcan' #90732 BR Black Early Crest | £103.50 |
| 372-426 | WD Austerity Class 2-8-0 #0566 BR Black Late Crest | £103.50 |
| 372-427 | WD Austerity Class 2-8-0 #02021 BR Black Late Crest - Weathered | £103.50 |
| 372-479 | Jubilee Class 'Bahamas' #4596 BR Lined Green Late Crest | £92.50 |
| 372-625 | Ivatt Class 2MT #46251 BR Lined Green Late Crest | £72.50 |
| 372-626 | Ivatt Class 2MT #46440 BR Lined Black Early Emblem | £72.50 |
| 372-675 | 4 CEP 4 Car EMU BR Green | £119.50 |
| 372-676 | 4 CEP 4 Car EMU BR Green Small Yellow Panel | £119.50 |
| 372-677 | Class 411 4 Car EMU Blue/Grey | £119.50 |
| 372-725 | BR Standard 5MT #73068 BR Lined Green L/C BRIC Tender | £97.50 |
| 372-726 | BR Standard 5MT #73158 BR Lined Black L/C BRIB Tender | £97.50 |
| 372-727 | BR Standard 5MT 'Camelot' BR Lined Black E/C BRIB Tender | £97.50 |
| 372-728 | BR Standard 5MT #73014 BR Lined Green L/C BR1 Tender | £97.50 |
| 374-901 | BR MK1 TPO Coach Post Office Red - Side Lights | £21.50 |
| 374-902 | BR MK1 TPO Coach Blue/Grey | £17.50 |
| 374-903 | BR MK1 TPO Coach Royal Mail Letters Red | £17.50 |

ESU Loksound

| | | |
|--|--|--------|
| V4.0 Steam Sound Decoder with Speaker | Classes A4 Pacific, Generic A1/A2 Pacific, A1 Pacific | £94.50 |
| | 'Tornado', GWR Pannier 57xx, GWR Manor 78xx, BR Mogul, LMS Mogul, 4MT Tank, Jubilee Classes 03/08/20/24/25/31/37/40/43 HST/45/ | £94.50 |
| V4.0 Diesel Sound Decoder with Speaker | Fitting service for all Steam Classes | £25.00 |
| | Fitting service for all Diesel Classes | £20.00 |

ALL SOUND DECODERS ARE AVAILABLE IN 8 OR 21 PIN.

DAPOL

Dapol "OO" Gauge

| | | |
|------------------|---|---------|
| B800 | Track Cleaner | £52.00 |
| B885K/L/M/N | JNA Falcon Wagon Network Rail | £17.50 |
| B889A/B/C/D | MRA side Tipping Ballast Wagon - 5 Car Set | £104.50 |
| B897A/B/C/D | Turbot Bogie Ballast Wagon - Various Liveries | £13.95 |
| B898A/B/C/D | MJA Freightliner Box Van - Pair | £22.95 |
| B1011Multi | Presto 10 Ton Cement Wagon - Pack of 5 | £35.95 |
| D1000A/B/C/D/E/F | Class 22 Diesel - Various Liveries & Running No's | £124.50 |
| D1001A/B/C | Class 21 Diesel - BR Green & Various Running No's | £104.50 |
| D1002A/B/C | Class 29 Diesel - Various Liveries & Running No's | £104.50 |
| D1003A/B/C/D | Class 52 Diesel - Various Names, Liveries & No's | £104.50 |
| OOSIGN1 | GWR Home Signal (Motorised) | £24.95 |
| OOSIGN2 | GWR Distant Signal (Motorised) | £24.95 |
| OOSIGN3 | LMS Home Signal (Motorised) | £24.95 |
| OOSIGN4 | LMS Distant Signal (Motorised) | £24.95 |

Dapol "N" Gauge

| | | |
|----------------|--|---------|
| NSIGN1 | GWR Home Signal (Motorised) | £24.95 |
| NSIGN3 | LMS Home Signal (Motorised) | £24.95 |
| NC057/068C | Great Western Collett Brake Third Coach/All Third | £17.95 |
| NC2090/F/F | Gresley Teak Coaches 3rd Class - Various running no's | £17.95 |
| NC212A/B | Mk 3 2nd Class Coaches - Intercity Swallow Livery | £18.50 |
| ND079E/F | Class B17/6 'Middleborough/Devonport' #61655/2863 | £86.50 |
| ND090P/Q/R/S | Class 9F BR1C/G/B Tender Late Crest | £87.50 |
| ND095D/H | Britannia Class 'Birth of Clyde' / The Territorial Army' | £94.50 |
| ND116A/B/C/D/E | Class 142 'Pacer' 2 Car DMU - Various Liveries/Running No's | £84.50 |
| ND122B/C/E/G | Class 43 HST Book Sets - Various Liveries & Running No's | £127.50 |
| ND128A/B/C | Class A4 'Andrew K McKee' / 'Silver Fox' / 'Wild Swan' | £95.95 |
| ND129A/B/C/D | Class A3 'Lemburg' / 'Papyrus' / 'Bayardo' / 'Flying Scotsman' | £95.95 |
| ND145C/D | Class 26 Diesel - Various Liveries & Running No's | £75.50 |
| ND145RA/LS1 | Class 26 Twin Pack - Rails of Sheffield Limited Edition (150) | £129.95 |
| ND149A/B/C/D | GWR Class 2884 - Various Liveries & Crests | TBA |
| ND202A/B/C/D | Class 52 Diesel - Various Names, Liveries & Running No's | £83.50 |
| ND203A/B/C/D | Class 56 Diesel - Various Liveries & Running No's | £83.50 |
| ND208A/B/D/E/H | Battle of Britain/West Country Class - Various Liveries & No's | £95.95 |

DIGITAL PLUS by LENZ

| | | |
|----------|--|---------|
| 10321-01 | "Silver 21" 1/10/18 Amp with 21 Pin plug | £24.50 |
| 10330-01 | "Silver Direct" 1/10/18 Amp with NEM652 Connection | £26.00 |
| 10331-01 | "Silver" 1/10/18 Amp with NMRA652 Connection | £24.50 |
| 11150 | LS150 Accessory Decoder for 6 Turnouts | £41.50 |
| 26150 | TR150 Transformer 15V, 70VA | £58.50 |
| 60090 | Set 90 Starter Set with hand controller L190 Version 3.6 | £260.95 |

Full range available. Please ring or see our website for full details.

PRE-ORDER PRICE PROMISE

 ALL PRE-ORDER PRICES ARE GUARANTEED TO BE NO

HIGHER THAN THE PRICES SHOWN WHEN AN ORDER IS PLACED. IN THE EVENT OF A PRICE REDUCTION YOU WILL BE AUTOMATICALLY BE CHARGED THE LOWER PRICE UP UNTIL THE RELEASE OF THE ITEM.

ALSO STOCKED

IN ADDITION TO FULL RANGES FROM ALL THE MANUFACTURERS FEATURED HERE WE ALSO OFFER FULL RANGES FROM KATO, VITRAINS, WOODLAND SCENICS, RATIO, BERKO, ARISTOCRAFT, WILLS KITS, METCALFE, BASSETT LOWKE . . . AND MANY MORE!

HELJAN

| | | |
|------------------|---|---------|
| 2304/5/6/7 | Class 23 'Baby Deltics' Various Liveries & Running No's | TBA |
| 4010 | English Electric DP2 Prototype Early BR Green | £102.50 |
| 4011 | English Electric DP2 Prototype BR Two Tone Green | £102.50 |
| 5217/18/19/20/21 | Class 52 - Various Names, Liveries & Running No's | £79.00 |
| 5500 | "O" Gauge Deltic BR Green Small Yellow Panels | £459.50 |
| 5501 | "O" Gauge Deltic BR Blue Full Yellow Ends | £459.50 |

WANTED
CASH OR EXCHANGE

Is it time for a clear out? We want your old obsolete 50's, 60's, 70's, 80's, 90s, 00's, noisy running, poorly detailed railways!.

Make some room and make some cash!

We will purchase your whole collection or single items.

We value your used models very highly and will pay top prices for all makes and sizes of British, American, Continental old or new model railways for cash or part exchange. Fast, friendly and professional service from our family run business. Distance no object, anything considered.

Please telephone, email, post or fax your lists.

All enquiries answered.

We need: Bachmann, Hornby, Lima, Trix, Lilliput, Wrenn, Dapol, Airfix, Tri-ang, Hornby-Dublo, Hornby 'O', Bassett Lowke, Roco, Fleischmann, Marklin, Jouef, Arnold, LGB, Bing, Exley, Lionel, Carrette.

Kit or kit-built models including: DJH, Wills, Pro-Scale, Nu-Cast, etc. Japanese/Korean brass.

We are also looking for: Dinky, Corgi, Meccano, Tri-ang, Minic Motorways, Matchbox, Spot-on, Britains Lead etc.

RAILS SECOND-HAND EMPORIUM NOW OPEN!

Thousands of second-hand items available · Come and browse at your leisure!

From all brands to all gauges · Ask a member of staff in store for access to Rails Second-Hand Emporium!



<http://www.facebook.com/pages/Rails-Of-Sheffield/182517693075>



<http://twitter.com/#!/railssheffield>

WHICH IS THE BEST DCC SYSTEMS FOR ME?

Choosing a Digital Command Control system can be daunting for beginners and experienced modellers alike. **PAUL CHETTER** demystifies the process to help you get the best setup for your needs.

WHICH Digital Command Control (DCC) system to choose is one of the most frequently posed questions to model shops and web forums. Unfortunately, the question is virtually impossible to answer in just a few words. There are a wide range of systems available, each with features that some users might consider advantageous but which for others is totally unsuitable.

Can you get reliable, impartial advice from retailers? If your local dealer does not sell DCC equipment, or only stocks a limited range, it will be difficult. However, there are a number of specialist outlets for DCC equipment in the UK. I've had dealings with many of them and on the whole they give very good advice. Based on my own experiences, if you are able to visit one (or more) of them, I would thoroughly recommend it.

You may have to travel some distance so to make it worthwhile, check out what they have available for you to try. At the very minimum, there should be a decent test track, preferably a layout with points, crossovers and plenty of running length, so you can experience the full range of possibilities.

As an example, my nearest DCC specialist, Digitrains, has an extensive layout. This provides for 2mm, 4mm and 7mm scales, and is permanently populated with a variety of rolling stock, much of which is sound equipped.

The owners, Chris and Jeremy, were the first in the UK to set up business specifically catering for DCC. They have a wealth of knowledge, which they will enthusiastically share with you. But even they will admit that 'hands on' is the best experience, so they will encourage you to pick up the controllers and drive some models.

Your combination of needs is unique to you, and the ergonomics of DCC control systems varies tremendously. It is essential, for any meaningful comparison, to try as many different systems as possible. It's therefore a great advantage if your chosen specialist provides multiple systems that you can try. It also means that any advice given will be more likely to be soundly based, impartial and suited to your needs if they have no vested interest in promoting one system over another.

The main picture shows Digitrains' permanent setup which has 10 different systems for visitors to try.

Ask questions

If you don't know what questions to ask, how can you be sure to get the answers you need? This is the difficulty we all face when exploring new avenues. Any specialist worth their salt will ask you to give some idea of what you wish to use the system to achieve, if you have any particular requirements or preferences and so on. This will enable them to better tailor their advice.

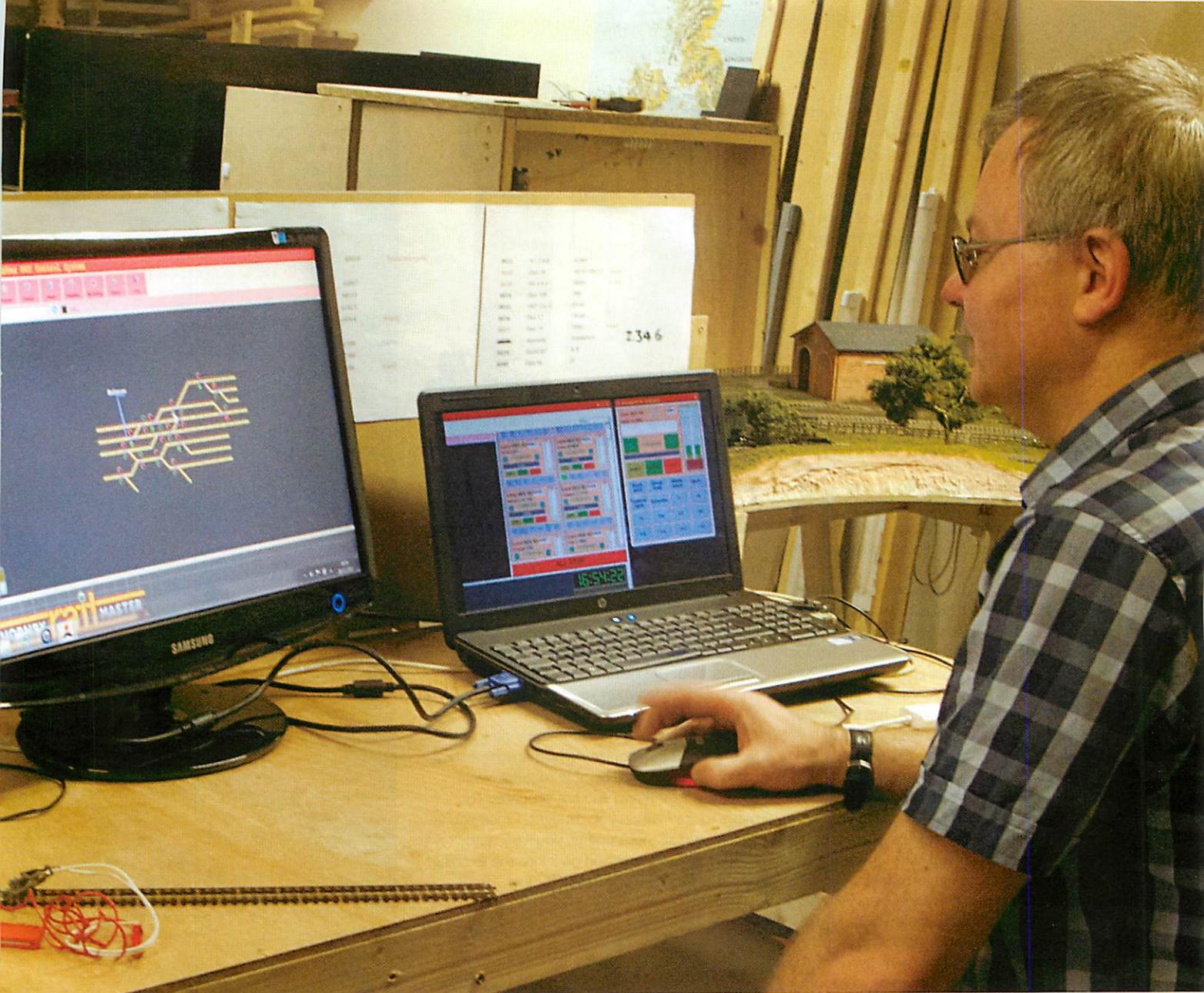


The advent of computer control is expanding the potential of Digital Command Control greatly. Beware though as not all systems include a computer interface. This is Hornby's RailMaster system running through the manufacturer's Elite controller and a twin screen computer.

It will help if you give this some thought to what you require beforehand. Perhaps the most fundamental question is whether you wish to operate your layout from a fixed position or be able to walk around whilst still controlling trains. The former will provide an operational base where you may congregate other useful items – mimic displays, computer, point control and more. The latter will enable you to follow the train under control, deal with any problems at distant parts of the layout.



Trialling a digital controller is highly effective for making a decision. This is Digitrains test track layout which features a range of trains, points and a good running length.



without closing all operations and change your viewpoint easily. There are systems which provide static and roaming positions with handheld controllers linked by cable or a wireless system.

Next up is to assess the size of your layout, and how many trains will be operating at the same time? This will help to determine the power requirements. Do you intend to run it manually, alone, or with friends? Would you like to add automation or add computer

control at some time? Not all systems, including well known and mid-price range brands, have computer interfaces, and some of the lower budget models restrict the number of operators.

Would you like to start with a modest system that has a clear (and useful) upgrade path, or invest in a fully featured one immediately in the knowledge that you will be able to expand into it as your needs and experience increase?

Are you left-handed? If so a symmetrical

design might be more comfortable for you, and there is good selection available. A hand set with a slide throttle on the right is probably not the best design for those operating left-handed for example.

Train operations

Will you be running DCC sound equipped models? The relatively small number of physical functions to be controlled such as direction dependent front and rear lamps, cab lighting, »

DCC SYSTEMS AND THEIR PRICES

| Manufacturer | System | Price |
|--------------|----------------------------------|---------|
| Hornby | Select | £89.99 |
| Bachmann | E-Z Command Dynamis DCC system | £119.95 |
| NCE | Power Cab starter set | £140.00 |
| Digitrax | Zephyr Xtra | £160.00 |
| Hornby | Elite | £178.99 |
| Lenz | Set 90 | £250.00 |
| Gaugemaster | Prodigy Advance Squared | £255.00 |
| ESU | Navigator 50300 | £265.00 |
| Lenz | Set 100 | £300.00 |
| Digitrax | Super Chief Xtra | £350.00 |
| NCE | Power Pro 5amp | £380.00 |
| Gaugemaster | Prodigy Advance Squared wireless | £465.00 |
| ESU | 50200 Command Station | £550.00 |

Gaugemaster produces the Prodigy DCC controller which is a handheld device. It is available either as a hard wire system (as shown) or wireless using a radio signal.



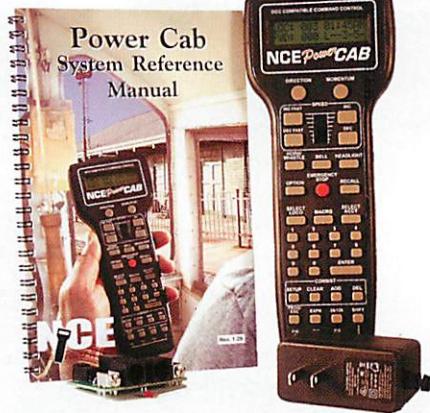
firebox glow, smoke generator and the like mean that even very basic controllers, only able to access eight functions, can run a non-sound locomotive successfully. With sound decoders now having 20 or more functions (including all the sound functions) there are some controllers which can no longer cope. More importantly, there are some designs which make accessing the higher function numbers a breeze, whilst others which notionally allow such access require multiple button pushing to operate a function, then the same sequence again to turn it off. You will quickly tire of this. How do you wish to send throttle change messages to your decoders? There are unashamedly digital formats which provide accelerate and decelerate buttons only, some which have thumb-wheel or rotary knobs which mimic analogue controller action, and some which have both.

Visual displays vary greatly too, from the basic on/off red light to full colour displays with details of the train under control, its status, speed and direction. It's useful to know which functions are switched 'on' at any time, too. Console types tend to have the edge here with their larger format, but don't take that for granted. There are console types which give very limited visual feedback, whilst there is at least one high end system which has full colour touch screens that display a huge range of information, customisable by the user.

How important is it to you that you can adjust the way the function keys operate your sounds? When you sound the horn in your car or ring a doorbell you normally press to activate and release to stop. The operating button can be said to be in 'momentary' or 'push to make' mode. This seems perfectly natural and many would think it ridiculous to have to press again to stop the sound. Yet this is the restriction imposed by many systems, including some often recommended as good 'first buys', which have only latching mode keys. Others allow the user to select between momentary or latching mode for some or all of the F keys, and to retain the set-up for each individual locomotive in its database.

Of course this last example mainly applies if you run sound fitted models and even then many users who only have experience of 'latched' keys will wonder what all the fuss is about. Those who make full use of

Bachmann's flagship DCC controller is the **Dynamis**. It operates using an infra-red wireless signal to a base station and is a compact device to operate with.



The NCE Power Cab controller is an American product which offers scope for extension and embellishment.

customisable keys will know exactly what I mean. I use it here only as an example of some of the nuances that aren't immediately obvious when reading the publicity material or user manual.

Budget

I have left this till last as it is largely irrelevant when investigating the technical and ergonomic attributes of the systems on offer. This is particularly true when you can find examples of all the above at all price points.

When you have a clear understanding of the features and functionality which are important to you, then you will be able to judge what compromises, if any, you are prepared to make to stay within your budget. Once you've considered all these points, you'll be ready to make your purchase and dive into the exciting world of Digital Command Control. **Edm**

USEFUL LINKS

| | |
|--------------------------|--|
| Digitrains | www.digitrains.co.uk |
| DCC Supplies | www.dccsupplies.com |
| Bachmann | www.bachmann.co.uk |
| Digitrax | www.digitrax.com |
| ESU | www.loksound.de |
| Gaugemaster | www.gaugemaster.com |
| Hornby | www.hornby.com |
| Lenz Digital Plus | www.lenz.com |
| NCE | www.ncedcc.com |
| Zimo | www.zimo.at |
| ZTC | www.ztccontrols.co.uk |

There are many DCC systems to choose from and the best way forward is to try as many as you can before committing to a purchase. This is Digitrains permanent test set up at its premises in Lincolnshire.





Right: Lenz produces a selection of DCC controller both handheld and static. This is the LH100 which features buttons for speed control.

Below: The Ecos Command Station is widely regarded as a top of the range digital controller. With its large full colour display it offers generous feedback to the operator.



Hornby's Elite is a simple and robust controller and through a new firmware upgrade released in January its capabilities have been substantially increased.

MODEL RAIL

SCOTLAND

PRESENTED BY THE ASSOCIATION OF MODEL RAILWAY SOCIETIES IN SCOTLAND
THE SCOTTISH EXHIBITION CENTRE GLASGOW
Friday 24th, Saturday 25th
& Sunday 26th February 2012

THE BIGGEST MODEL RAILWAY SHOW
EVER TO BE HELD IN SCOTLAND!
MORE LAYOUTS...MORE TRADE...MORE FOR EVERYONE
BIGGER THAN EVER - NOW IN TWO HALLS

50% BIGGER
NOT TO BE
MISSED!

For holders of advance tickets entry is 30 minutes prior to official opening times Friday, Saturday and Sunday. Tickets may be bought at the show or in advance by visiting our website To purchase advance tickets by post, please forward a cheque or postal order made payable to 'AMRSS' together with a self addressed stamped envelope, to arrive no later than 10th February 2012.

AMRSS, PO Box 19564, Johnstone PA6 7YP,
To purchase by telephone contact the
SECC direct sales hotline on 0870 040 4000

www.modelrail-scotland.co.uk

February Friday 24th 11am-6pm • Saturday 25th 10am-6pm • Sunday 26th 10am - 5pm

Admission Prices: (at the door) Adult £10.00 Child £6.00 Family (2+2x1 day) £25.00

Advance Ticket Prices: Adult £9.00 Child £5.00 Family (2+2x1 day) £24.00

60 LAYOUTS • 155 EXHIBITOR STANDS • GAUGE SOCIETIES • PROTOTYPE SOCIETIES • DEMONSTRATIONS

Model Rail Scotland...the hobby's leading show

Direct to
the door
bus and
rail link

Images courtesy of Chris Nevard / Model Rail

HORNBY®

HORNBY
magazine

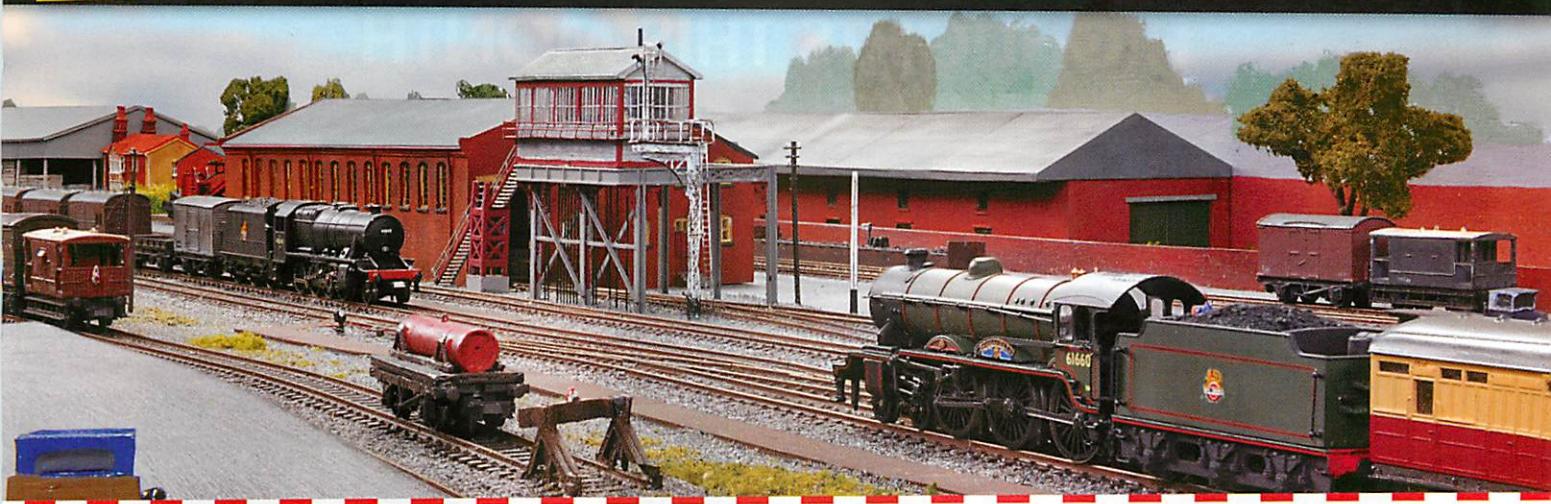
BACHMANN
EUROPE PLC

MODEL RAIL

SUPPORTERS OF MODEL RAIL SCOTLAND



NEVER MISS AN ISSUE! SUBSCRIBE TODAY TO **HORNBY** magazine



I would like to take out a subscription to **Hornby Magazine**, starting with the issue

12 issues - UK £43.20 12 issues - Europe £62.42 12 issues - ROW £66.13
 Quarterly Direct Debit - £10.80 per quarter (UK bank only)

HMMAR12

Gift subscription Details (if required)

Mr/Mrs/Miss/Ms:.....Forename:..... Surname:.....

Address:.....

Post Code:..... Country:.....

Tel No:..... Email:.....

Your Details

Mr/Mrs/Miss/Ms:.....Forename:..... Surname:.....

Address:.....

Post Code:..... Country:.....

Tel No:..... Email:.....

Debit / Credit Card

Please debit my card for the amount £..... Mastercard Visa Visa Debit

Card Number:.....

Expiry date:..... Start Date:.....

Cardholders signature:..... Date:.....

Cheque

I enclose a cheque to the value of £.....
(please make cheque payable to Ian Allan Publishing Ltd - Eurocheques are not accepted)

The Direct Debit Guarantee

This Guarantee should be detached and retained by the payer.

- This Guarantee is offered by all banks and building societies that accept instructions to pay Direct Debits.
- If there are any changes to the amount, date or frequency of your Direct Debit (Ian Allan Publishing Ltd.) will notify you 10 working days in advance of your account being debited or as otherwise agreed. If you request (Ian Allan Publishing Ltd.) to collect a payment, confirmation of the amount and date will be given to you at the time of the request.
- If an error is made in the payment of your Direct Debit, by (Ian Allan Publishing Ltd.) or your bank or building society, you are entitled to a full and immediate refund of the amount paid from your bank or building society.
- If you receive a refund you are not entitled to, you must pay it back when (Ian Allan Publishing Ltd.) asks you to.
- You can cancel a Direct Debit at any time by simply contacting your bank or building society. Written confirmation may be required. Please also notify us.

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



Please fill in the whole form using a ball point pen and send to:

**Hornby Magazine, Subscription Department,
800 Guillat Avenue, Kent Science Park, Sittingbourne ME9 8GU.
Tel: 0844 245 6932 or +44(0)1795 414 826 for overseas enquiries
email: hornby@servicehelpline.co.uk www.ianallanmagazines.com**

Name and full postal address of your bank or building society

Service Users Number: **6 2 4 9 4 3**

Name of Bank / Building Society:.....

Address of Bank / Building Society:.....

..... Post Code:.....

Name of account holder:.....

Bank / Building Society Account Number

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

Branch Sort Code:

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

Reference (office use only)

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

**FOR EASY PAYMENT
USE OUR QUARTERLY
DIRECT DEBIT
OPTION, JUST
£10.80**

Instruction to your Bank or Building Society

Please pay Ian Allan Publishing Ltd 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 Ian Allan Publishing Ltd and, if so, details will be passed electronically to my Bank/Building Society.

| |
|--|
| |
| |

| |
|--|
| |
| |

Signature:.....

Date:.....

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

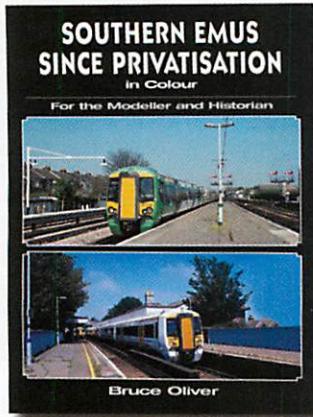
CALL 0844 245 6932

Quote code: **HMMAR12**. Offer valid until 08.03.12 and open to new subscribers only.

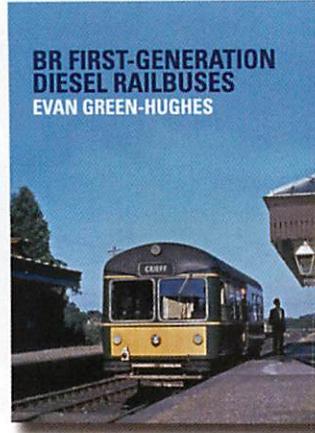
OVERSEAS ENQUIRIES +44 (0)1795 414 826

Or go online: www.ianallanmagazines.com

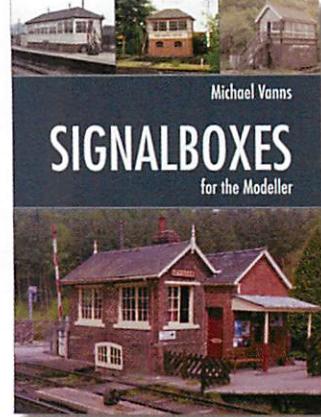
HIGHLIGHTS THIS MONTH



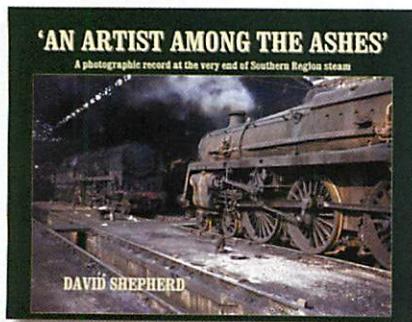
Southern EMUs Since Privatisation
Bruce Oliver
R36277 • PB • £18.99



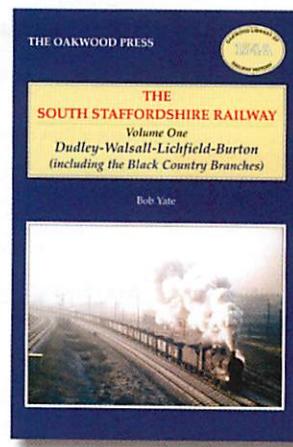
BR First-Generation Diesel Railbuses
Evan Green-Hughes
R36352 • PB • £17.99



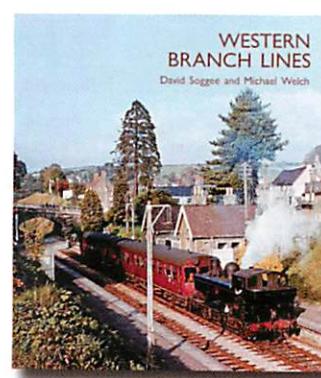
Signalboxes for the Modeller
Michael Vanns
R35010 • PB • £14.99



'An Artist Among the Ashes'
David Shepherd
R19738 • HB • £19.95



The South Staffordshire Railway
Bob Yate
R93404 • HB • £15.95



Western Branch Lines
David Soggee and Michael Welch
R93523 • HB • £16.95

ALSO AVAILABLE

British Railway Steam Locomotive Allocations • RA6428 • £35.00
Train Shunting and Marshalling for the Modeller • R36321 • £19.99
Signalling and Lever Frames • R19615 • £16.50
Steam Diesels and on Track Machines • R1718X • £15.95
Southern Rails Around Southampton • R93460 • £22.95
BR Standard Class 5 4-6-0s • R87345 • £27.95 • R87345 • £27.95
Merchant Navy Pacifics • R93369 • £28.95

Under 10 CMEs vol one • R93334 • £16.95
Under 10 CMEs vol two • R17163 • £16.95
The Brendon Hill Iron Mines and the West Somerset Railway • R88118 • £24.99
Western Region Steam • R93382 • £22.50
The Branch Lines of Devon • R83510 • £16.99
The Branch Lines of Dorset • R93576 • £16.99

Visit www.ianallanplus.com

to register online and see our full range of books, DVDs and plastic kits.

Mail Order Hotline 0844 245 6944

Overseas orders: +44 (0) 1795 414975 email: ianallanplus@servicehelpline.co.uk

Or visit one of our shops:

Birmingham, 12 Ethel Street, Birmingham B2 4BG • Tel: 0121 643 2496
London, 45/46 Lower Marsh, Waterloo, London SE1 7RG • Tel: 020 7401 2100
Cardiff, 31 Royal Arcade, Cardiff CF10 1AE • Tel: 029 2039 0615
Manchester, 5 Piccadilly Station Approach, Manchester M1 2GH • Tel: 0161 237 9840

- **Post & Packing:**
UK mainland: add 10% (min. £4.50, max £8.00).
Over £80 Post Free.
- Overseas: Add 15% (min £6.00); 10% for £200+ orders.
Highlands & Islands add £3.00 extra.
- Payment: Visa/Mastercard/Eurocard/Connect/Maestro.
Sterling cheque, drawn on a UK bank; US Dollar check
(no surcharge); IMO; British Postal Orders.
- Orders are sent Surface Mail, but Air Mail despatch by arrangement.
- We will advise you of any undue delay.
- Titles offered in this advert are subject to availability and any price change. E & EO.

REVIEWS

INCLUDING REALITY CHECK



**HORNBY
DEBUTS**

**'BRIGHTON
BELLE' EMU**

PAGE 76



PAGE 88

**REALITY
CHECK**



Coal sector

Class 56

PAGE 84

76 Hornby launches its all-new model of the Southern Region's 'Brighton Belle' EMU. We give it the once over in the models first review.

80 A named 'BI' arrives from Hornby plus Phil Parker reviews RT Models Seaham Harbour Chaldron wagon kit.

82 Bachmann releases its Class 350/1 Desiro overhead electric unit beckoning a new era of modelling potential.

84 Two new DCC sound locomotives arrive from Hornby in the form of the latest versions of the GWR 'Castle' and Class 56. Plus the latest road vehicles from Oxford Diecast.

86 A round up of the latest 'N' gauge models including new Mk Is from Bachmann's Graham Farish arm and a Queen Mary bogie brakevan from the N Gauge Society.

88 In Reality Check Evan Green-Hughes looks back at the story of the Woodhead EM1 overhead electric locomotives.



**NAMED
BR 'BI'
FROM
HORNBY**

PAGE 80

Brand new Mk I arrives for 'N'

PAGE 86



Hornby debuts

‘BRIGHTON BELLE’ EMU

HORNBY has started 2012 with a bang by releasing the first version of its brand new model of the ‘Brighton Belle’ 5-BEL all Pullman Electric

Multiple Unit (EMU).

These stylish five car trains were introduced in 1934 to provide an all Pullman express service between London and Brighton on the then recently electrified route. The fleet of three 5-BELs (consisting of 15 coaches in total) was used intensively with two sets required each day and the third as a spare.

Construction was handled by Metropolitan

Cammell of Birmingham in 1932 with the new vehicles featuring all steel construction and the bodywork taking part of the structural load instead of relying exclusively on the chassis for strength.

On introduction the 5-BEL sets were numbered 2051-2053, but this changed during the 1930s to 3051-3053 – these numbers being carried throughout the rest of their careers.

Originally the smart and distinctive Pullman umber and cream colour scheme was carried and this was only modified by changes to the crest style carried on the cab fronts and the late addition of a small yellow warning panel

in the mid-1960s. However, from 1967 the trains lost their attractive paint scheme for it to be replaced by BR corporate blue and grey. The elegant crests were also removed from the bodysides together with the names which adorned the First Class carriages from the sets.

The trio soldiered on until April 30 1972 when the last ‘Brighton Belle’ operated from London to the South Coast and back. Fortunately a preservation scheme is working towards restoration of a complete 5-BEL set with the ambition of returning the unit to main line working order during 2012.



THE DETAILS

| | |
|----------------------|--|
| Manufacturer: | www.hornby.com |
| Cat No: | R2988 (Driving Motor Brake Third x2) |
| Cat No: | R4527 (Pullman Trailer Third) |
| Cat No: | R4528 (Pullman Trailer First) |
| Cat No: | R4529 (Pullman Trailer First) |
| Description: | 'Brighton Belle' 5-BEL EMU 3053, BR blue and grey |
| Scale: | 'OO' |
| Price: | £184.49 (Driving car train pack), £47.99 per trailer car |
| Era: | 6 |
| DCC: | DCC ready, 8-pin socket |
| Couplings: | Four pin electrical couplings between cars |



The model

First to arrive from Hornby is the later period model of the 5-BEL as unit 3053 in BR blue and grey livery. Although for many this is clearly the less appealing colour scheme carried by these units, it also fits in well with other recently released EMU models including Hornby's own BR blue 4-VEP as well as the

4-CEP and 2-EPB from Bachmann which have been released in BR blue and grey too.

The livery is superbly applied. With four colours – black for the roof, yellow cab fronts and blue and grey on the bodysides – all the edges are crisp and neat and the lining around the BR blue panels is equally fine. Similarly well produced – and meeting Hornby's high

standards for livery application – are the 'Brighton Belle' legends on the cab front and carriage sides.

The model itself carries off the look of the prototype very well. The 5-BEL vehicles were very different to locomotive hauled Pullman coaches and it is pleasing to see that Hornby has developed each vehicle from scratch. ➤





The 5-BEL is being produced as a train pack featuring the two Driving Motor Brake Seconds with the trailer coaches (two Kitchen Firsts and one Parlour Third for each unit) being supplied as separate items.

At the front Hornby has done a good job in recreating the cab profile of the 'Belle' unit with its subtle but deceptively complex profile. Multiple working control connections are correctly modelled and the headcode box is illuminated from behind on each driving car. Headcodes are supplied separately for fitting after purchase. These are self adhesive and take a matter of seconds to add to the outside of the headcode box.

The body profiles of each coach match those of the original train with neat moulded detail

such as door handles, grab rails and hinges all being present where they should be.

The roofs are similarly well detailed with fine rivet detail throughout together with correct vent patterns, air horns, a periscope on each guard's compartment and subtle panel lines. The black roof colour of the BR blue and grey unit doesn't do this area justice, but with weathering this area would be greatly improved with additional colours to highlight the fine detail.

The underframes are also unique mouldings for the 'Brighton Belle' and here Hornby has again invested time and effort in assembling the chassis components. Each item is moulded in full together with the framing of the chassis meaning that the underside view of the 'Belle'

is as impressive as the body.

Bogies are also finely produced with the motor coach bogies featuring correctly, current pick up shoes on both bogies. However, it should be noted that a coupling socket has not been provided on the outer bogies of these units meaning that for those with space for a full 10 coach 'Brighton Belle' (two units coupled together) an alternative method of coupling will be required. The up side of this is that the bufferbeams are fully detailed from the factory with dummy screw link couplings and brake pipes.

Inside, each vehicle has a complete interior which includes working table lamps on all tables following the pattern laid down by Hornby's locomotive hauled Pullman coaches.

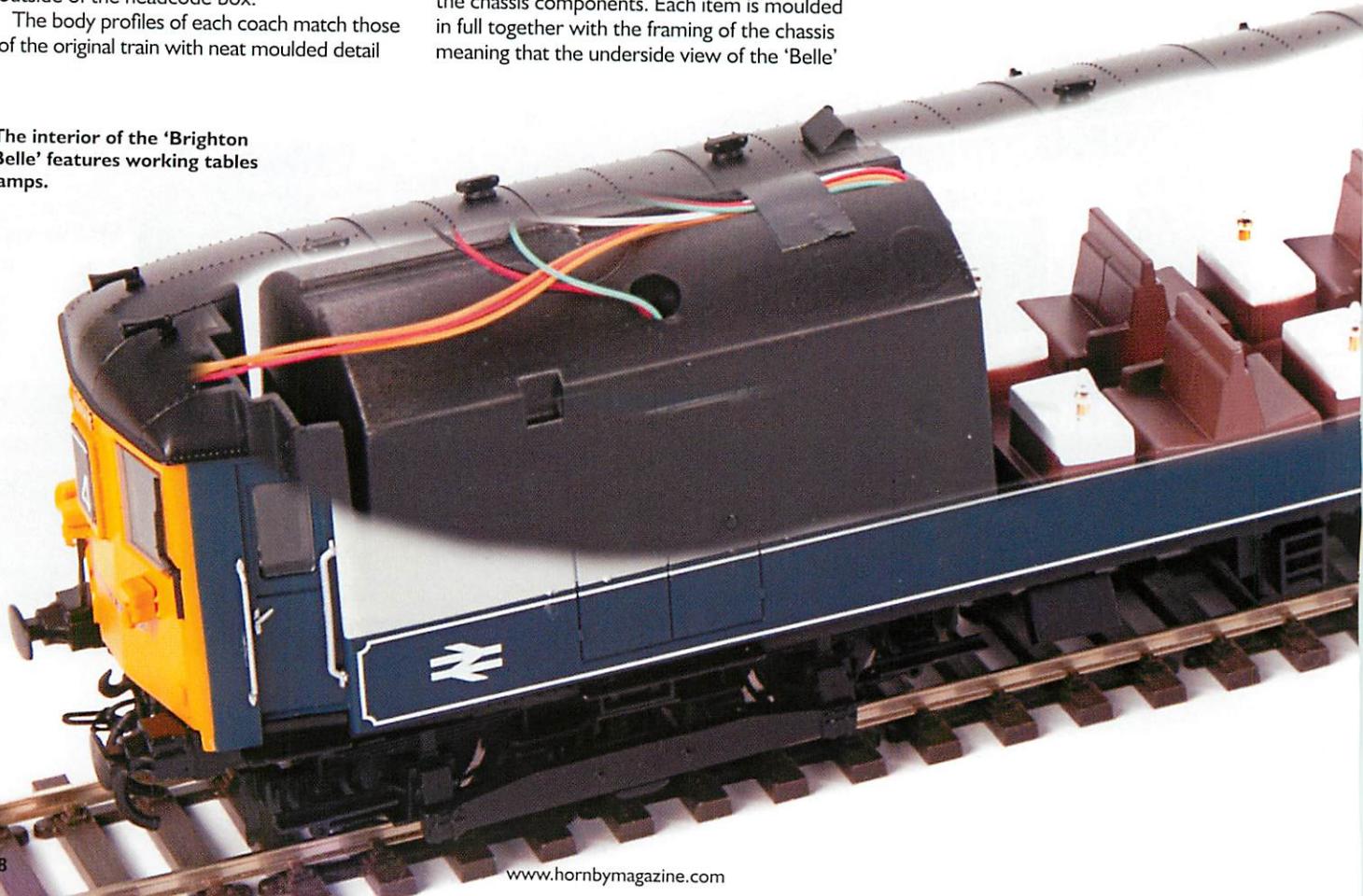
Performance

The 'Brighton Belle' mechanism has been developed along similar lines to Hornby's 4-VEP, but it has some important characteristics which set it apart and ahead of the VEP in terms of performance.

Firstly the five coach set is particularly free running and this means that there has been no need to add traction tyres to the single motor bogie on the Driving Motor Brake Second. The motor is contained within the luggage compartment of one of the DMBS vehicles (vehicle No. S293S). Only one decoder is required for the EMU as Hornby has used the same four pin connection between each vehicle which allows all the table lights and headcode box lights to be illuminated through the pick-ups on the powered coach.

During our tests – which included more than 10 hours of running – the sample proved

The interior of the 'Brighton Belle' features working table lamps.



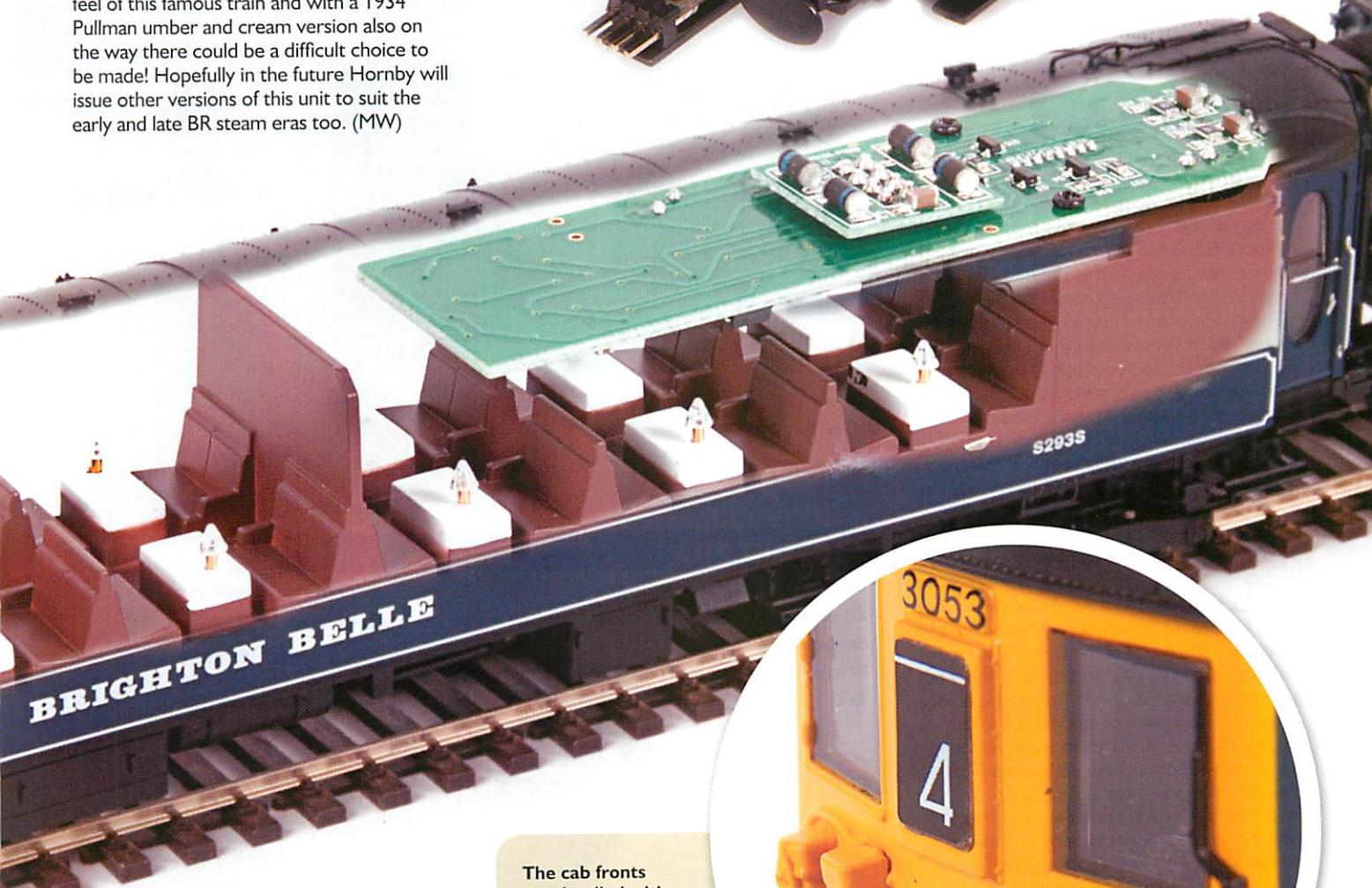
to be highly capable with smooth and quiet performance the order of the day from the word go. Speed control is excellent too with the unit offering excellent slow speed performance and a respectable top speed.

An 8-pin decoder socket is provided in the powered coach. However, while removal of the body appears to be simple on paper, the tight fit of the body over the chassis means it is a little awkward to access the interior of the motor coach for fitting of a decoder. Once you get inside though, there is ample space for a suitable decoder to power the 5-BEL through DCC and for those who prefer not to add their own decoders Hornby is offering the EMU DCC fitted as well as DCC ready.

Overall

Hornby's 'Brighton Belle' is undoubtedly a great model and one which will appeal to Southern electric modellers without question. The 'Belle's position in history as the world's only electric Pullman train sets it apart and with Hornby's already strong range of locomotive hauled Pullman coaches the standard was already set.

Hornby has done a superb job in modelling the 'Brighton Belle'. It captures the look and feel of this famous train and with a 1934 Pullman umber and cream version also on the way there could be a difficult choice to be made! Hopefully in the future Hornby will issue other versions of this unit to suit the early and late BR steam eras too. (MW)



The cab fronts are detailed with multiple control connections. Headcode boxes are supplied blank with self adhesive panels to add by after purchase to each end of the 5-BEL.

"The five coach set is free running."

MIKE WILD



Named BR 'BI'



RT Models CHALDRON WAGON

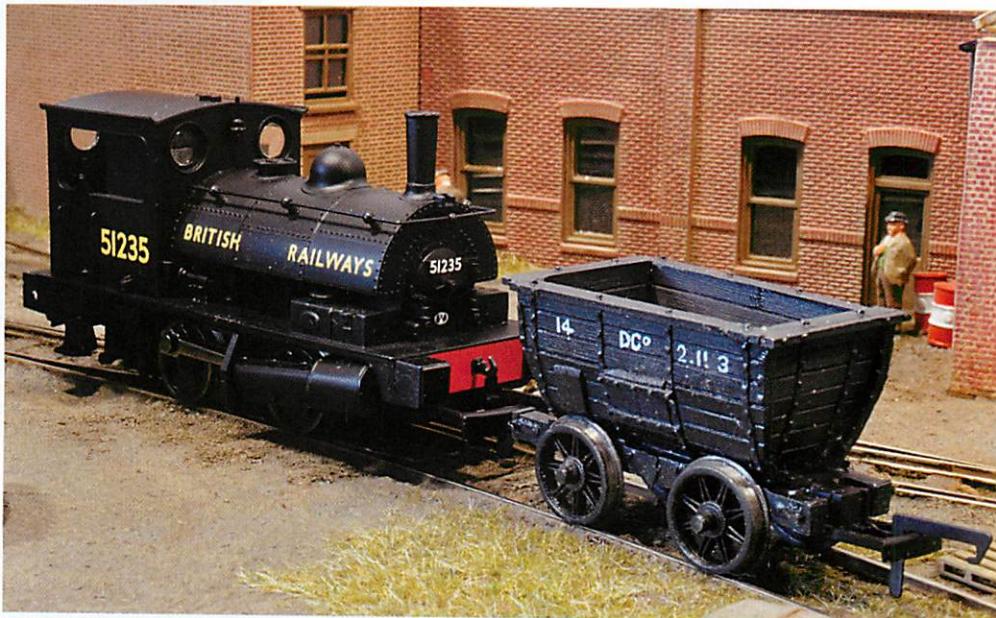
You might think that this chaldron wagon is something out of the 19th Century and therefore most suited to coupling up behind a Hornby Rocket, but in fact this model is based on those found at Seaham Harbour which were still being repaired in the mid 1960s and lasted into the following decade.

They were internal user only by this point so you wouldn't have seen them outside the confines of the docks but if you have a private siding, one or two would make an interesting change. Seaham used them as mobile rubbish skips but the same sort of wagons were originally used for coal by Londonderry Collieries Ltd. Capacity was a tiny four tons and being small, they were useful for collecting spilt coal as it could easily be shovelled in by hand from wherever it had landed.

This kit is supplied as a set of nice clean white metal castings which can be assembled using superglue. The width of the ends has to be reduced slightly so 'OO' wheels turn freely but a few strokes of a file or rubs with some emery paper fixed to a piece of wood achieve this. Suitable Gibson wheels are included featuring the prototypes distinctive split spokes. The spindly brake gear is etched and can be assembled with solder, or if you are careful with the finished model, superglue. Leaving it off wouldn't be entirely unprototypical either.

No provision is made for couplings but I managed to fit Bachmann straight tension locks by cutting back the NEM box and then gluing it to the frame.

Whilst definitely not a shake-the-box type kit, if you take care and plenty of time, it's not too difficult to add something very unusual to your wagon fleet. (PP)



THE DETAILS

| | | | |
|---------------|--|------------|----------------|
| Manufacturer: | www.rtmodels.co.uk | Cat No: | SGWK004 |
| Description: | Seaham Harbour Chaldron wagon kit | Couplings: | Builder choice |
| Scale: | 'OO' | | |
| Price: | £7.60 | | |
| Era: | 3-6 | | |

RT Models Seaham Harbour Chaldron wagon kit assembles into a highly distinctive vehicle. The prototypes remained in service as internal user vehicles into 1970s.



from Hornby

FOllowing on from the first issue of Hornby's new Thompson 'B1' 4-6-0 a second version has now arrived in BR lined black with late crests on the tender as 61243 *Sir Harold Mitchell*.

This model is, at first glance, identical to the BR lined black model reviewed in HM56, except for its number and name. However, there are two notable differences which make it stand out – the higher position of the smokebox door numberplate and the provision of electric lamps on the front footplate and tender rear. Hornby has even modelled the conduit to the electric lamp on top of the smokebox!

The model is beautifully detailed from front to back and offers the best model of Thompson's highly popular mixed traffic 'B1' to be produced for 'OO' gauge. The only potential negative comment we have noted is

the moulding line along each side of the boiler barrel. However, this is barely noticeable and particularly when the model is running on a layout or after weathering.

Livery application is, again, superb on this model. Full BR three colour mixed traffic lining is reproduced on the tender and cabsides while the boiler bands are exceptionally well done. All numbering and lettering is fully legible and 61243 is fitted with an Eastfield (65A) shedplate marking it out as a Scottish allocated 'B1'.

As with the first sample reviewed in HM56, performance for this model was first class. Straight from the box the 'B1' ran smoothly and quietly with plenty of power available to haul a 12 coach train of Bachmann Mk Is. An 8-pin DCC decoder socket is provided in the tender together with provision for a speaker to be installed in the tender chassis weight for those looking to add DCC sound.

THE DETAILS

Manufacturer: www.hornby.com

Cat No: R3000

Description: Thompson 'B1'
4-6-0 61243 *Sir Harold Mitchell*, BR lined black

Scale: 'OO'

Price: £119.75

Era: 5

DCC: DCC ready, 8-pin socket

Couplings: Small tension locks
in NEM pockets

This is truly an outstanding model from Hornby and one which fits the bill of a mixed traffic locomotive perfectly for Eastern Region modellers. (MW)

LOCOMOTIVE SERVICING STATION FOR 'OO'

Ontracks has received this new Locomotive Servicing Bench from Proses and is now able to supply them as part of its growing range of model components and accessories.

The servicing bench has been designed to support 'OO' gauge models for essential maintenance such as wheel cleaning and lubrication. Two options are provided to support a model at 45 or 90 degrees, making it versatile too.

The bench is supplied as a flatpack containing a base, four support bars and eight each of the angled supports. Assembly takes a matter of minutes as the angled supports simply bolt to the support bars.

Once assembled the servicing bench is

THE DETAILS

Manufacturer: www.ontracksinternational.co.uk

Cat No: LB-901

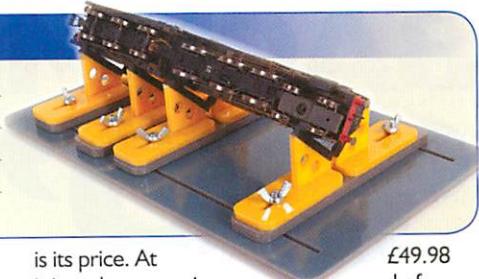
Description: Locomotive Servicing Bench

Scale: 'OO'

Price: £49.98

sturdy and capable of holding steam and diesel locomotives, although careful positioning of tender locomotives will be required to ensure that the locomotive and tender are both fully supported. However, with adjustment available on the supporting bars this will be no problem.

The only potential problem with this product



£49.98

is its price. At the end of model maintenance equipment, but it will prove its worth time and time again. We put this sample to use during an exhibition and found it extremely useful when locomotives required maintenance. (MW)

RAILROAD 'WARSHIP' ARRIVES

Hornby has delivered its reworked version of the ex-Lima 'Warship' diesel hydraulic in its RailRoad range offering a new budget model of the popular Western Region Type 4.

The model relies exclusively on the ex-Lima tooling for the body, but features an upgraded chassis with a new motor, an 8-pin DCC decoder socket and small tension lock couplings.

This first release is finished in BR green as D802 *Formidable*. Livery application is achieved to a high standard, but to keep the price down some areas have been left without printed detail such as the headcode boxes. For those wishing to add this feature there are plenty of options including headcode box packs from Fox Transfers suitable for the Lima 'Warship'.

The Lima 'Warship' captured the look of the prototype well overall, although it tended to appear a little oversized. However, this new version from Hornby features flush glazing in the cab windows and the upgraded chassis makes up for any short comings in the body.

This may not be the best model of the 'Warship' money can buy, but it is an excellent budget model. (MW)

THE DETAILS

Manufacturer: www.hornby.com

Cat No: R3068

Description: Class 42 'Warship' D802
Formidable, BR green

Scale: 'OO'

Price: £59.99

Era: 5

DCC: DCC ready, 8-pin socket

Couplings: Small tension locks in NEM pockets





BACHMANN DELIVERS 'OO' DESIRO

WITH THE recent flurry of interest in multiple units Bachmann has brought 'OO' gauge modellers it promised new model of the Class 350 Desiro EMU offering contemporary scenes a new influence.

The Class 350 units were built by Siemens and the Class 350/1 and Class 350/2 units are operated by London Midland. Bachmann's first release represents a dual voltage Class 350/1 which has provision for 25kV overhead current collection and 750V DC third rail power collection.

The units were built between 2004-2005 with the Class 350/1 fleet totaling 30 units. The fleet of Class 350/1s and Class 350/2s operate on the Southern section of the West Coast Main Line providing stopping services based around

Birmingham and London Euston giving them a sphere of operation which takes them to Stoke-on-Trent, Northampton, Milton Keynes, Crewe and Liverpool amongst other places.

The model

The Class 350/1 is the first overhead electric unit to be produced by Bachmann. It is supplied as a complete four-car set containing two driving cars, a motor car with pantograph and a trailer car.

The manufacturer's experience with multiple units in recent years has evidently paid off as the Class 350 is a superb looking model which captures the look and feel of these smart trains from the outset.

The cab fronts are highly detailed with the

distinctive raked windscreens while the gangway connections stand appropriately proud of the body. Correct light clusters are modelled too while details such as windscreens wipers, buffing plates and cab numbers all add to the 'face' of the Desiro model.

The bodyside profile of the Desiro is clean in reality and this appearance follows into the model. However, importantly the front and rear of the body includes correct profiles while the tumblehome of the lower body is also accurately reflected.

Turning to the roof and this is superbly finished with panel lines, air-conditioning pod and other features all of which add up to a comprehensive model. The power car also features a very nicely produced pantograph which can be raised for overhead electric layouts, although it has not



"Access to the DCC socket is divinely simple."

MIKE WILD

An exceptionally fine pantograph has been produced for the Class 350/1 by Bachmann. The well which surrounds it is also fully detailed.



been designed to collect power from overhead catenary. The underframe matches this standard too with all of the equipment produced in full plus when you turn the model upside down, Bachmann has gone to the trouble of reproducing the conduits which run underneath the chassis.

The bogies too are moulded to exacting standards and capture the look of the prototype supremely well. The driving cars feature third-rail pick up shoes too – another important element of the dual voltage Class 350/1.

Every application meets the high standards which are now expected of Bachmann. This London Midland liveried unit is neatly decorated with the grey and green colour scheme of its operator which is further enhanced by detail printing of logos, lettering and more. Destination displays also feature in the rear window of the driving cars.

Performance

The Class 350 follows a similar style of motor arrangement to Bachmann's previous multiple units. A single power bogie is fitted to the model

and this is located in the motor coach sitting it in the centre of the train.

A single 21-pin DCC decoder socket is provided on the unit and this is located underneath the floor of the powered coach. Access to this is divinely simple – remove a single screw and the large underframe box can be taken off for access to the decoder socket making this the simplest multiple unit to fit for DCC. Provision is also made for a speaker for DCC sound in the same area, although careful choice of a speaker will be required due to the restricted space available.

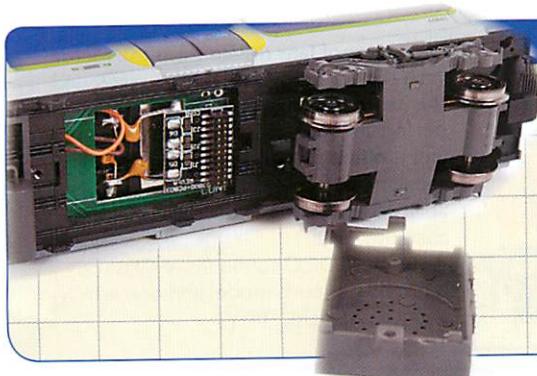
On the track we found our sample of the Desiro to be an excellent performer. Straight from the box the unit ran smoothly and quietly with very good slow speed control. Lighting is flicker free too even at low speeds on analogue control.

Overall

The Desiro may not be everyone's cup of tea, but one thing is sure and that is that Bachmann has done a first rate job in creating a model of a 21st century EMU. For those modelling the

contemporary railway scene we hope it is a sign of things to come.

For those reproducing the West Coast Main Line in recent times the Desiro is a must have and it is well worth the asking price too. (MW)



THE DETAILS

| | |
|---------------|---|
| Manufacturer: | www.bachmann.co.uk |
| Cat No: | 31-032 |
| Description: | Class 350 Desiro 350101, London Midland livery |
| Scale: | 'OO' |
| Price: | £149.95 |
| Era: | 9 |
| DCC: | DCC ready, 21-pin socket |
| Couplings: | Small tension locks in NEM pockets (outer ends) Power couplings between cars |

DCC sound for Clun

HORNBY HAS produced a second version of its Collett 'Castle' 4-6-0 with digital sound and this new release is finished as 7029 *Clun Castle* in BR lined green with late crests on the tender. 7029 is correctly fitted with a double chimney and it has also been paired with a Collett 4,000 gallon tender.

Externally it follows the high standard laid down by Hornby's recent model of the 'Castle' with fine detail throughout and an excellent overall impression of these powerful 4-6-0s. It features separately fitted handrails, fine detail

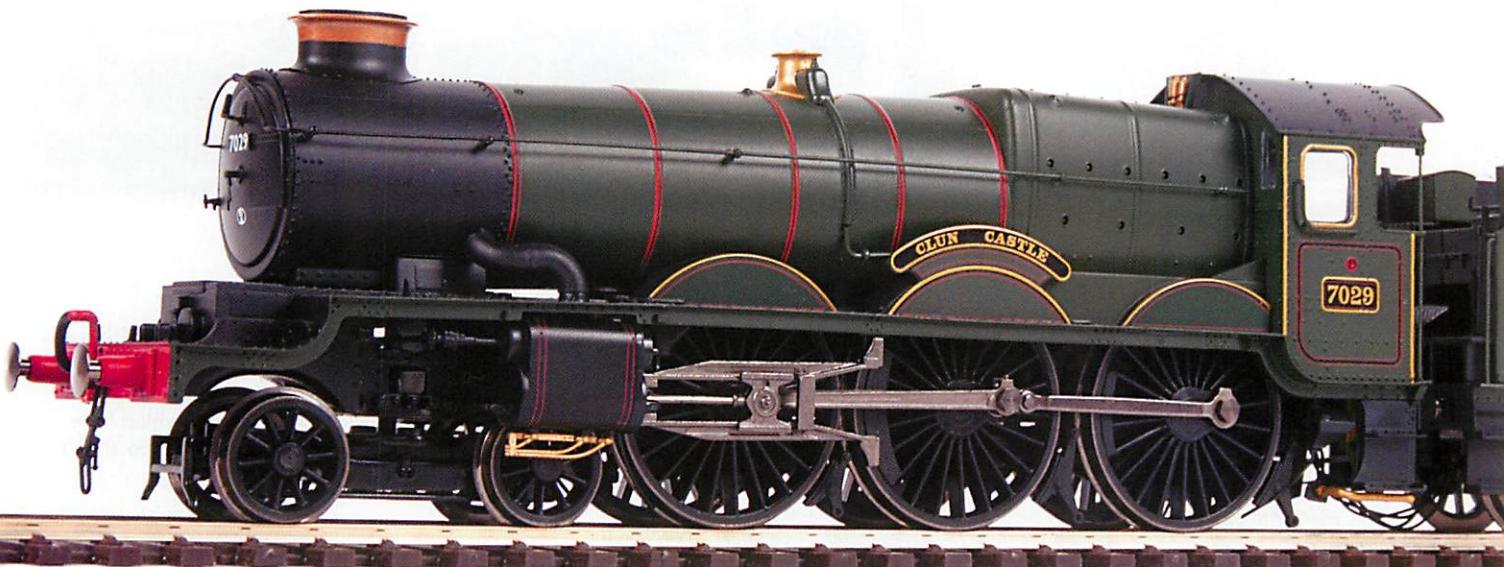
on the footplate and bufferbeam including rivet patterns, sprung buffers, optional dummy screw link couplings and host of other fine components.

The model is supplied factory fitted with DCC sound. The decoder and speaker are both located inside the tender body with a Loksound V4.0 decoder being selected. The recordings for this have been produced to a high standard indeed and there is no questioning that this is intended to be a 'Castle'.

In total 12 functions are available covering everything from a range of whistles to coal

shovelling sounds, injectors and more. The only downside is that the coasting sounds are difficult to access on the 'Castle' as only a rapid drop in speed would cut the exhaust beat. However, with changes to the deceleration characteristics and maximum voltage through the decoders CV values this area can be improved.

Overall this is another great addition to the Hornby DCC sound range and with the popularity of 7029 *Clun Castle* both in BR service and preservation I'm sure it will be popular too. (MW)



Coal sector Class 56 with sound

Hornby's popular model of the Class 56 heavy freight diesel makes a welcome return this month in BR Railfreight triple grey livery with coal sector markings. The identity chosen is 56095 *Harworth Colliery*.

This new release is also fitted with Hornby's DCC sound chip for the Class 56 which gives it that extra bit of appeal. The decoder is a Loksound V4.0 connected to a suitable speaker. On first startup the volume is set to the maximum which is loud – however, there is no distortion at full volume and that can be reduced to personal taste through CV63.

The recordings capture the impressive sound of the Class 56 and its V16 engine with a range of functions available including several horn tones, the ability to notch the power up and down (which makes the driving experience superb!) and more.

The model itself is finished to the high standard we expect from the Hornby Class 56. From front to back this big diesel is highly detailed with fine cantrail grilles and superb reproductions of the substantial bogies.

All wheel drive is catered for in the powerful mechanism which also features

THE DETAILS

| | |
|---------------|---|
| Manufacturer: | www.hornby.com |
| Cat No: | R3033XS |
| Description: | Class 56 56095 <i>Harworth Colliery</i> , Railfreight coal sector |
| Scale: | 'OO' |
| Price: | £247.99 |
| Era: | 8/9 |
| DCC: | DCC sound fitted |
| DCC: | Small tension locks in NEM pockets |

rotating roof fans driven from the motor via a rubber belt. On the track we found this sample to be a smooth and quiet performer (with the decoder sounds off) and it offers more than enough haulage capacity with the ability to move a 15 coach train with absolute ease.

This new DCC sound fitted Class 56 is another superb model and one which sounds just right. (MW)



Castle

THE DETAILS

| | |
|---------------|--|
| Manufacturer: | www.hornby.com |
| Cat No: | R2994XS |
| Description: | Collett 'Castle' 4-6-0 7029 Clun Castle, BR lined green |
| Scale: | 'OO' |
| Price: | £266.49 |
| Era: | 5 |
| DCC: | DCC sound fitted |
| Couplings: | Small tension locks in NEM pockets |



Rear wheel drive classics from Oxford Diecast



Oxford Diecast has added two new classic cars to its range of 'OO' scale (1:76th) road vehicles in the shape of the pre-1967 Volkswagen Beetle and the Renault Dauphine.

Of the two the Beetle is by far the best known and Oxford has created a tooling which replicates the early years of the 'large rear window' design while still retaining the sloping headlights and small rear taillights.

Interestingly American specification 'towel rail' bumpers have been chosen for the model rather than the more traditional British style which featured a single level bumper front and rear. Even so, this is an excellent model of a car which was a common sight on roads across the UK in the 1960s.

The Renault Dauphine is perhaps less well known, not least because it was only produced between 1956 and 1967. It too was rear engined with rear wheel drive, but rather than the air-cooled engine of the Beetle it was

equipped with an updated version of the 4CV water cooled engine.

The model captures the spirit of these unusual cars with its four door saloon, distinctive headlight arrangement and bodyshape. The model also features neat detailing in the bodysides for the radiator air intake and similarly for the rear grille.

Both models are excellent and offer something both common and rare from Britain's roads in the mid 1960s. (MW)

THE DETAILS

| | |
|---------------|--|
| Manufacturer: | www.oxforddiecast.co.uk |
| Cat No: | 76VWB002 (VW Beetle, red), 76RD001 (Dauphine, blue) |
| Scale: | 'OO' |
| Price: | £3.95 each |
| Era: | 5 |

Weathered wagon triple packs



Bachmann has added two new weathered triple packs to its range covering the BR 16ton mineral wagon and the BR 12ton plywood sided ventilated box van.

Each trio features individually numbered wagons with detail differences in the weathering. This is particularly noticeable on the mineral wagons where the rust patterns differ on each model for a more authentic appearance.

The box vans have a simpler weathered finish consisting of a brown dirt colour over the chassis and bodysides and a darkened roof.

These new triple packs are a great way to add more variety to freight formations for the BR steam and green diesel period and offer good value for money too. (MW)

THE DETAILS

| | |
|---------------|--|
| Manufacturer: | www.bachmann.co.uk |
| Cat No: | 37-235 (weathered mineral wagons), 38-185 (weathered box vans) |
| Description: | Triple pack of weathered BR 16ton mineral wagons, BR grey |
| Description: | Triple pack of weathered BR 12ton box vans, BR bauxite |
| Scale: | 'OO' |
| Price: | £27.40 (minerals), £29.70 (box vans) |
| Era: | 4/5 |
| Couplings: | Small tension locks in NEM pockets |



Brand new Mk I full brake arrives for 'N'

N' GAUGE is benefitting from arrival of a brand new model of the BR Mk I Gangway Brake (BG) to go with the recently launched new series of BR Mk I carriages.

The BG is an essential part of steam era passenger and parcels formations with over 1,000 built between 1951 and 1963. The vehicles were distinctive in being some 6ft shorter than the passenger Mk I vehicles at 57ft.

Bachmann's new BG has been produced to the same high standards laid down by the new Mk I carriages. It features a highly detailed body with flush glazing, detailed

bogies and underframe equipment and a finely finished roof. It is fitted with scale carriage wheels and also has NEM coupling pockets which retain standard 'N' gauge Rapido couplings.

Livery application had been achieved to a high standard on our BR maroon sample. The fine straw lining above and below the windows looks superb while numbering and lettering is fully legible on both the bodyside and chassis solebar.

The arrival of the BG ticks another important box in 'N' gauge rolling stock, particularly as these vehicles had such a long lifespan. (MW)

THE DETAILS

| | |
|---------------|--|
| Manufacturer: | www.bachmann.co.uk |
| Cat No: | 374-036 |
| Description: | BR Mk I BG E80533, BR maroon |
| Scale: | 'N' |
| Price: | £19.70 |
| Era: | 5 |
| Couplings: | Rapido couplings in NEM pockets |



N Gauge Society launches QUEEN MARY BRAKE



The N Gauge Society has released its exclusive model of the Southern Railway built 25ton Queen Mary bogie brake van with a range of liveries to suit all periods of operation.

The Queen Mary is available exclusively through the N Gauge Society to members only. It has been produced by Bachmann's Graham Farish arm for the society and features a wealth of fine detail to match current production standards for ready-to-run 'N' gauge.

The body accurately captures the impressive proportions of the van with its large verandas while the central section features glazed windows throughout – even in the lookouts on the sides.

Similarly the bogies have been neatly produced to be accurate representations of the real

THE DETAILS

| | |
|---------------|--|
| Manufacturer: | www.ngaugesociety.com |
| Cat No: | 377-875Z (Southern Railway brown Queen Mary brake van) |
| | 377-876Z (BR bauxite Queen Mary brake van) |
| | 377-876X (EWS maroon Queen Mary brake van) |
| Scale: | 'N' |
| Price: | £19.95 |
| Era: | 3, 5 and 9 respectively |
| Couplings: | Rapido couplings in NEM pockets |

fittings including the large steps which are a prominent feature of this area. The underframe is fully detailed with brake rigging and brake vacuum reservoirs. (MW)





BCK and RMB variants arrive

Adding further to the range of BR Mk I carriages available for 'N' gauge are these two brand new models of the Brake Corridor Composite (BCK) and Restaurant Miniature Buffet (RMB) from Bachmann's Graham Farish arm.

Both models are superbly finished in terms of detail with accurate bodysides and underframe fittings. The sample of the BCK was finished in BR carmine and cream livery – which always looks attractive on the Mk

I while the RMB is finished in BR Southern Region green livery.

Like the body detail the livery has been applied to a high standard with excellent attention to detail in terms of lettering and numbering.

All in all a pair of highly useful coaches which are being released in BR carmine and cream, BR maroon, BR Southern Region green, BR Western Region chocolate and cream and BR blue and grey. (MW)

THE DETAILS

| | |
|----------------------|---|
| Manufacturer: | www.bachmann.co.uk |
| Cat No: | 374-081 (BCK), 374-108 (RMB) |
| Description: | BR Mk I BCK M21029, BR carmine and cream BR Mk I RMB S1849, BR Southern Region green |
| Scale: | 'N' |
| Price: | £19.70 each |
| Era: | 4/5 respectively |
| Couplings: | Rapido couplings in NEM pockets |



Dapol releases new GBRf Class 66s

Dapol has added two new versions of its Class 66 to the shelves of retailers with the arrival of 66720 in its unique and striking artwork livery and 66729 Derby County in GBRf's blue and orange colour scheme.

The two models use Dapol's standard tooling for the low emission Class 66/7s used by GBRf which offers a wealth of detail and an accurate body profile. The chassis features an NEM 6-pin DCC decoder socket as well as NEM coupling pockets and working directional lights.



During our tests we found both samples to be smooth running and quiet throughout the

speed range. The lights also illuminate at low voltages without any flicker. Haulage capacity is impressive too with both samples being subjected to a 20 coach train which they tackled with ease.

Livery application on both samples is superb and particularly on the model of 66720 where the two sided artwork really stands out.

For those modelling the current railway these two new Class 66s will be attractive propositions – and rightly so. (MW)

THE DETAILS

| | |
|----------------------|--|
| Manufacturer: | www.dapol.co.uk |
| Cat No: | ND201D (66729), ND201E (66720) |
| Description: | Class 66 66729 Derby County, GBRf blue and orange |
| Description: | Class 66 66720, GBRf children's graphic livery |
| Scale: | 'N' |
| Price: | £84.95 each |
| Era: | 9 |
| DCC: | DCC ready, 8-pin socket |
| Couplings: | Rapido couplings in NEM pockets |

THE BRITISH RAIL EMI ELECTRICS

Almost 30 years ago the last of the EMI electric locomotives were taken out of service, despite being a highly-successful design with many years of life left. **EVAN GREEN-HUGHES** explains how this pioneering class came about – and why they met an early end.

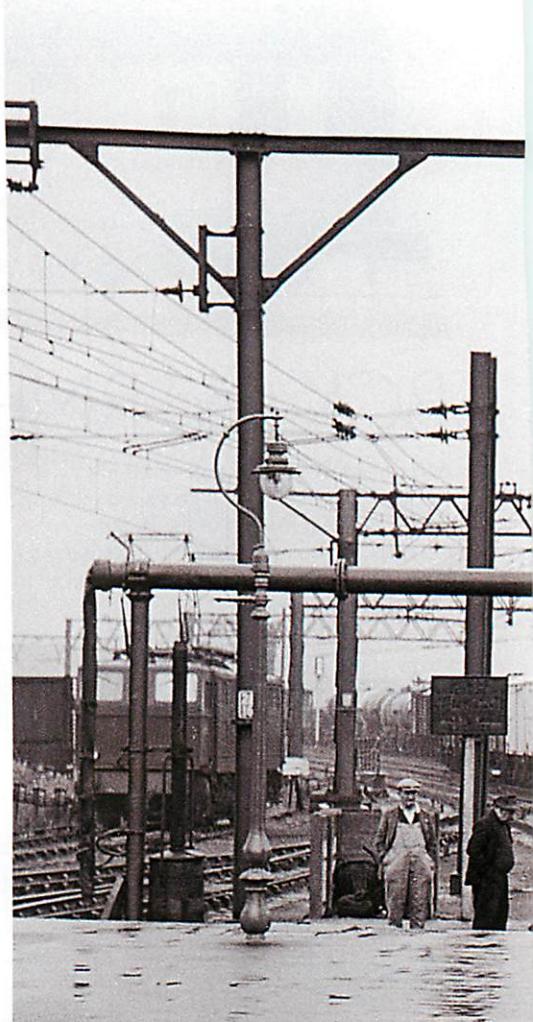
ELECTRIFICATION of the railways is currently a hot topic in the railway press, but electric railways have been with us for more than 100 years and one notable case has already passed into history. The Woodhead line was a route which traversed hilly country between Sheffield, Wath yard and Manchester. By the 1930s this line was almost at capacity with a staple diet of heavy freight trains mixed with express and local passenger traffic.

A formidable obstacle from either direction was almost 20 miles of continuous climb to the summit tunnel at Woodhead, which taxed steam locomotives to the limit on heavy freight

trains, which were often reduced to a crawl.

The London and North Eastern Railway (LNER) was an enthusiastic exponent of electrification and had had experience of 1,500v DC overhead schemes, even during the 1920s seriously suggesting that the East Coast Main Line between York and Newcastle should be modernised on the principle. It was therefore a logical step to suggest that the Woodhead route would benefit from electric traction, with new locomotives which would have superior haulage capacity, greater efficiency and which could work trains at higher speeds and provide more capacity for the route.

Authorisation was given in 1936 and at Doncaster works Sir Nigel Gresley, the



Sporting BR mixed traffic lined black EMI 26035 passes through Penistone station with an Up freight from the Manchester direction on a wet day in 1956. Kenneth Field/Rail Archive Stephenson.

LNER's Chief Mechanical Engineer, set about designing a completely new locomotive following consultations with manufacturers and exploratory visits to other railways abroad. In 1939 electrical equipment for 70 locomotives was ordered from Metropolitan Vickers but unfortunately, before the scheme could be brought to completion, the Second World War broke out and work was abandoned for the duration.

However, Sir Nigel's prototype electric locomotive was sufficiently far advanced for permission to be given it to be completed. It was a classic DC design with simple resistance control, mounted on two four-wheel bogies which were designed so that forces from the buffering and trailing loads were transmitted from bogie to bogie via an intermediate coupling. The couplers and buffers were also mounted on the outside of the bogies, rather than on the body, which therefore did not have to take any of the load. The flat-fronted cabs and box-like shape had a workmanlike appearance with the locomotive being finished in green livery and carrying the number 6701.

Early trials

Completed in 1941 the new locomotive, which was five years later to be identified as the first



EMI 26021 comes down Thurgoland bank at Wortley with a train of coal empties for Wath in 1956. Kenneth Field/Rail Archive Stephenson.



member of the EMI class, and which was also Sir Nigel Gresley's only electric locomotive design, was taken for proving trials on the Manchester South Junction and Altrincham Railway, a suburban system which had been jointly electrified at 1500v DC by the LNER and the LMS in 1931. The trials were successful but there was no work for 6701 there and it was duly stored until the Sheffield-Manchester scheme could be completed.

When the War ended in 1945 the country's finances were in a parlous state and money was not immediately available to re-commence electrification work on the Woodhead line and therefore agreement was reached with Netherlands State Railways, which were seriously short of motive power, for the new locomotive, by this time renumbered 6000, to be sent out for normal service work.

The loan period commenced in 1947 and whilst abroad 6000 acquitted itself well, proving capable of handling passenger and freight trains and during this period it amassed many thousands of miles running. The tests did show up some deficiencies, in particular with the riding of the bogies at higher speeds, and as a result changes were made to the bogies themselves, the bogie coupling and the upper structure springing. These worked well and

remained with the locomotive for the rest of its life. 6000 was returned to the UK in 1952 and was promptly officially given the name *Tommy*, by which name it had been known in Holland.

In production

Orders for a production version were placed after nationalisation in 1948, with 57

built at the former LNER works at Gorton, near Manchester, with electrical equipment coming from nearby Metropolitan Vickers at Dukinfield. When the first of these appeared in 1950 the most obvious difference from the prototype was that the cab had been enlarged and redesigned to incorporate a separate side window, with a door to the rear of this. All ➤



The pioneer of the EMI class 26000 *Tommy* stands in ex-works condition at Gorton in November 1955. Chris Forest/Rail Archive Stephenson.



had the improved bogie design and nine were fitted with steam heating equipment so that they could be used to haul passenger trains. The livery applied was the new BR mixed traffic livery of black, lined out with red, grey and cream lining.

Prior to the Woodhead route being completed, running-in tests took place on the newly-electrified Liverpool Street to Shenfield line but this work was transferred to Wath shed in June 1951 when the first section of the new line became available. Meanwhile 26020 made a VIP appearance at the 1951 Festival of Britain for which it was specially prepared with polished cab window surrounds and stainless steel handrails.

The first locomotives entered service in February 1952, operating between Wath and Dunford Bridge but there were problems with adhesion and train loads had to be reduced from 850tons to 750tons until modifications could be applied. Services were extended when the new Woodhead tunnel was opened in June 1954.

During 1955 five more EM1s were fitted with steam heating equipment but the class was

mainly used for heavy freight work, for which purpose it was eminently suited. Between 1966 and 1970 21 non-heat-fitted EM1s were equipped with air brake equipment, with the air receivers being mounted in the unused boiler space. At the same time they were fitted out for multiple working. Another nine were similarly treated in 1973-1977, with the bulk of these being used to haul heavy merry-go-round coal trains.

"The Class was entirely suited to heavy freight work."

EVAN GREEN-HUGHES

brake only locomotives. Duties were extended in 1968 when the six express passenger EM2s were sold off to Netherlands Railways and the remaining passenger trains were entrusted to the older and smaller design.

Withdrawals began in 1970 shortly after passenger services over the Woodhead route were abandoned with 26035/26042 being the first to be condemned, although they were both out of traffic with serious internal damage at the time. Other locomotives were taken out of service gradually and some were

cannibalised for spares until 1981 when the line closed, by which time only 34 remained.

Liveries

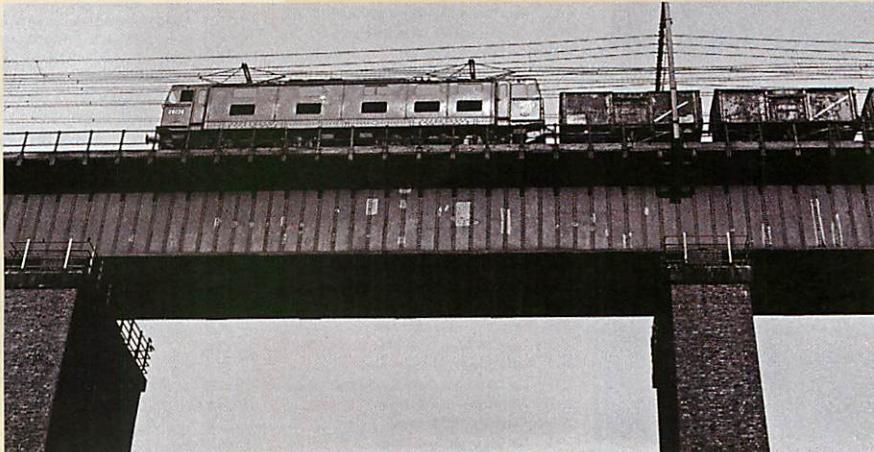
The BR mixed traffic livery which had been applied to the class from new remained with many for much of their early life, although some of those used on passenger services were repainted in British Railways lined passenger green. Prototype *Tommy* also lost its original green in favour of British Railways lined black and was amongst the first withdrawals in 1970. The British Rail corporate era saw the class repainted in BR blue with full yellow ends but there were several variations in style and in typeface used. The TOPS system saw the class renumbered 76001-76057, from 1972-1974 with gaps due to withdrawals.

Apart from *Tommy* there were 12 other named EM1s with 26046-26057 all being named after characters from Greek mythology. All the names were applied between 1959 and 1961 and were removed between 1968 and 1970.

During 1976 some class members swapped identities with 76003 becoming 76036 and vice versa; 76018 swapped with 76035; 76038 with 76050; 76039 with 76048 and 76044 with 76031. This was presumably to keep locomotives being modified for multiple unit control together in number series.

BR EMI BO+BO FACTS AND FIGURES

| | |
|-----------------------------------|--|
| Class (from 1945) | EMI |
| Numbers | 26000-26057 (later 76001-76057) |
| Built | 1941 (26000) 1950 (26001-26057) |
| Total built | 57 |
| Withdrawn | 1970-1981 |
| Length | 50ft 4in |
| Width | 9ft |
| Height | 13ft (over body) 21ft (pantographs fully extended) |
| Power supply | 1500v DC overhead |
| Control system | Electro-pneumatic |
| Wheel arrangement | Bo+Bo |
| Wheel diameter | 4ft 2in |
| Horsepower | 1,868hp |
| Traction motors | 4x Metropolitan Vickers Type 186 |
| Maximum speed | 65mph |
| Weight | 87tons 15cwt |
| Maximum tractive effort | 45,000lbs |
| Continuous tractive effort | 8,800lbs at 56mph |
| Brakes | Air, electric regenerative and rheostatic (locomotive) Vacuum (train), as built |
| Train heat (where fitted) | Bastain and Allen electric steam boiler |
| Boiler tank capacity | 240gallons (except 26000, 210gallons) |



With a long rake of coal wagons behind EMI 26026 joins the Great Central main line at Barnsley Junction just before passing Penistone with a loaded train from Wath in 1956.

Kenneth Field/Rail Archive Stephenson.

Following the closure of the Woodhead system in 1981 the locomotives which remained were still in good operational condition and could have had many years life left in them. Unfortunately time had moved on and most of the subsequent electrification schemes had been on the 25kV AC system so there was no work for them in this country. Hopes of selling them off abroad came to nothing and so, inevitably, they were all sent for scrap with most being cut up by CF Booth of Rotherham during 1983.

Fortunately the EMIs were regarded as so significant in the development of electric traction that 26020, the same locomotive featured at the Festival of Britain, was claimed for the National Railway Museum at York where it is on display in the Great Hall. Also still existing is a complete cab from 76039 (pre-TOPS 26039 and after 1976 76048) at the Manchester Museum of Science and Industry.

Had the Woodhead route not been selected for closure, which itself was a result of the change in the pattern of supply for coal-fired power stations West of the Pennines, the EMIs would doubtless have soldiered on for many more years. As pioneers of electric traction for main line use these locomotives were a huge advance over anything which had preceded them and deserve a prominent place in any account of this country's railway history. 

The impressive steel girders of Dinting viaduct are topped by EMI 26039 as it crosses with a Westbound coal train on April 6 1968. *Patrick Russell/Rail Archive Stephenson.*



By now wearing BR green with small yellow warning panels EMI E26022 passes Dinting station with a Westbound coal train on April 6 1968. *Patrick Russell/Rail Archive Stephenson.*



New Bachmann Steam Locos

For any models pre-ordered price is guaranteed at the pre-ordered price

| | | |
|----------|---|---------|
| 20-009 | A2 'Peter Pan' BR late green - Limited Edition in wooden display box - last few | £124.49 |
| 30-060 | Standard AMT 57001 in BR late green - split from Kader set (1 Last few) | £77.50 |
| 31-002 | Robinson 04 Class 2-8-0, 63635 BR early crest | £109.50 |
| 31-004 | Robinson 04 Class 2-8-0, 63598 in BR early black Weathered | £122.49 |
| 31-005 | Robinson 04 Class 2-8-0, 3547 in LNER black | £117.49 |
| 31-010 | Class 7F 2-8-0 53806 in BR early black | £109.00 |
| 31-085 | Class 3200 Duke of Earl 9022 in BR early black Weathered | £115.95 |
| 31-086 | Class 3200 Duke of Earl 9017 in BR early black (Preserved) | £108.95 |
| 31-087dc | Class 3200 Duke of Earl 3203 in GWR green | £122.49 |
| 31-115 | Standard AMT 4-6-0 57027 BR late green Single Chimney (W) | £79.50 |
| 31-116 | Standard AMT 4-6-0 57069 BR late green D'Chimney | £79.50 |
| 31-117dc | Standard AMT 4-6-0 57074 BR late green DCC FITTED | £84.50 |
| 31-118 | Standard AMT 4-6-0 57033 BR late black | £74.50 |
| 31-127 | 30x ROD 2-8-0 Locomotive, BR Black early emblem | £129.99 |
| 31-128 | 30x ROD 2-8-0 Locomotive, BR Black late emblem | £129.99 |



| | | |
|----------|--|---------|
| 31-129 | 30x ROD 2-8-0 Locomotive, GWR green - STOCK | £125.75 |
| 31-175 | Jubilee 502 45611 'Hong Kong' BR early green | £84.50 |
| 31-177ds | Jubilee 502 45593 'Yalakut' BR early green, DCC SOUND | £199.49 |
| 31-178dc | Jubilee 502 45659 'Drafe' in BR late green | £95.49 |
| 31-186 | Jubilee 45587 'Bandal' BR Lined Green Late Crest Fowler Tender | £87.49 |
| 31-210 | Patrol Class Royal Lothianshire Regiment' BR early green | £87.49 |
| 31-211 | Patrol Class 'Home Guard' BR late green | £87.49 |
| 31-457 | Ivan Class 2MT 2-6-2 Tank, 41310 in BR early black | £58.95 |



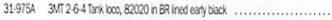
| | | |
|---------|--|---------|
| 31-476a | G2A 0-8-0 loco, 49402 BR early black DCC FITTED Stock | £85.99 |
| 31-479 | G2A 0-8-0 loco, 49094 in BR late black weathered | £89.95 |
| 31-478 | G2A 0-8-0 Super D, 49287 in BR early black | £87.50 |
| 31-527 | Class 42, 60538 'Tudor Minstrel' BR Apple-green | £104.50 |
| 31-528 | Class 42, 60533 'Happy Knight' BR late green | £115.95 |
| 31-529 | Class A2, 60634 'Irish Elegance' BR early green | £115.95 |
| 31-530 | Class A2, 526 'Sugar Palm' LNER lined green | £115.95 |
| 31-625 | Class 4F 0-6-0 Tender Locomotive, 43474 in BR late black | £67.00 |



| | | |
|--------|---|--------|
| 31-626 | Class 3F 0-6-0 Tender Locomotive, 43186 in BR Early Black | £67.00 |
| 31-627 | Class 3F 0-6-0 Tender Locomotive, 3502 in LMS black | £67.00 |



| | | |
|----------|--|---------|
| 31-716 | B1 Class 4-6-0 Loco, 61180 in BR late black (W) new DCC ready chassis | £83.50 |
| 31-975a | 3MT 2-6-4 Tank loco, 82020 in BR lined early black | £71.99 |
| 31-976a | 3MT 2-6-4 Tank loco, 82020 in BR lined early green | £71.99 |
| 32-005 | Hall Class locomotive, 4962 'Rugby Hall' BR early green | £84.50 |
| 32-083 | 56x Class 0-6-2 Tank 6658 in BR late green | £65.50 |
| 32-130 | 45x Class 2-6-2 Prairie Tank, 4571 in BR late green(slope tank) | £63.75 |
| 32-165dc | N Class 2-6-0 mogul, 31869 in BR early black weathered | £92.95 |
| 32-182 | Crab 2-6-0 loco, 42919 in BR late black | £74.49 |
| 32-181 | Crab 2-6-0 loco, 13000 LMS Maroon | £92.50 |
| 32-209 | Class 8750 0-6-0PT Pannier tank, 3711 in BR early black | £53.95 |
| 32-215 | Class 7A Pannier Tank, 5775 in GWR green | £53.95 |
| 32-216 | Class 7A Pannier Tank, 8732 in BR late black | £53.95 |
| 32-231 | Jinty 0-6-0 Tank loco, 47394 in BR early black | £52.95 |
| 32-280 | K3 Class 2-6-0 locomotive, 161899 in BR late black Weathered | £83.95 |
| 32-310 | Colet Goods 0-6-0 with ROD tender GWR green | £55.95 |
| 32-550 | A1 Class 60135 'Tomado' BR Apple green | £117.50 |
| 32-559 | A1 Class 60157 'Great Eastern' BR late green | £103.49 |
| 32-579 | Ivan Class 4-2MT Mogul, 43095 in BR late black | £69.50 |
| 32-581 | Kest Class 4-6-0 loco, 43018 in BR early black | £93.75 |
| 32-829a | Class 4-2MT Mogul, 43018 in BR late black | £72.95 |
| 32-830 | Ivan Class 2MT Mogul, 64022 in LMS plain black | £72.50 |
| 99-Class | 99 Class 90202 BR early black | £112.49 |
| 32-875dc | Farfum 2-6-4 Tank loco 42085 BR early black - DCC FITTED | £89.49 |
| 32-952a | Standard Class 4MT, 76079, 2-6-0 loco BR early black (east Lancs) | £75.50 |



| | | |
|----------|--|---------|
| 32-652ds | Class 44 Peacock, 44005 'Cross Fell' BR DCC SOUND FITTED | £160.75 |
| 32-677a | Class 45 Diesel, 45200 in BR blue split headcode | £71.49 |
| 32-670ds | Class 45 Peacock, 027 in BR green split headcode DCC SOUND FITTED | £159.75 |
| 32-703 | Class 46 Peacock, D186 in BR late weathered | £71.50 |
| 32-726ds | Class 66 Diesel, 66209 in EWS weathered Ivory | £68.75 |
| 32-735 | Class 66 Diesel, 66209 in EWS weathered Ivory | £68.75 |

New Bachmann Diesel Locos



| | | |
|----------|---|---------|
| 32-750s | Class 57 Diesel, 57003 'Freightliner Evolution' DCC SOUND FITTED | £159.75 |
| 32-783s | Class 37 Diesel, 37049 in BR blue DCC SOUND FITTED | £154.50 |
| 32-804 | Class 47 Diesel, D1825 in BR two tone green | £69.25 |
| 32-805 | Class 47 Diesel, D1547 in BR | £69.25 |
| 32-900s | Class 108 2 Co DMU in BR green with whiskers | £72.49 |
| 32-903 | Class 108 3 Co DMU, Greater Manchester PTE | £69.49 |
| 32-904dc | Class 108 2 Co DMU BR Blue DCC FITTED | £102.00 |
| 32-925 | Class 150 1 2 Co DMU, First Northwestern | £73.49 |
| 32-926 | Class 150 1 2 Co DMU, Central Trains | £73.49 |
| 32-935 | Class 150 2, 2 Co DMU, Amia Trans' | £73.49 |
| 32-936 | Class 150 2, 2 Co DMU, 'Regional Railways' | £73.49 |
| 32-976dc | Class 66 Diesel, 66412 GRS Blue DCC Fitted | £73.25 |
| 32-978 | Class 66 Diesel, 66715 Sunderland GBR | £73.50 |
| 32-979 | Class 66 Diesel, 66412 GRS - Malcolm Rail | £68.49 |



Bachmann, Coaches, wagons, Trackside Figures, couplings, wheels, bogies buildings etc - most in stock - call for availability- competitively priced

Horby 2012 New Steam Locos

due first quarter - PRE-ORDER NOW

| | | |
|--------|---|---------|
| R2016 | BR 4-6-0 Standard 4 MT 70000 Class | £112.50 |
| R3021a | BR 2-6-4 Stanier 4P Class - late BR, weathered | £85.00 |
| R3028 | Pull-Rush Train Pack, BR 0-4-4T & Pull-Push 2 Car Set | £157.00 |
| R3101 | AM 4-6-2 Duke of Hamilton Coronation Class Special Edit | £111.50 |
| R3116 | BR 0-6-0T A1X Tenter Class 32670 Early Crest | £49.99 |
| R3117 | GWR 0-21 4X4 14XX 4819 | £55.00 |
| R3120X | BR 0-6-0T Class J52 1883 9833 | £44.50 |
| R3121X | BR 0-6-0ST Class J52 Early Crest | £44.50 |

Horby 2012 New Diesel / Electric Locos

due first quarter - PRE-ORDER NOW

| | | |
|----------|--|---------|
| R2967 | 1934 Brighton Belle Pullman Train Pack | £148.00 |
| R4512/34 | 1934 Brighton Belle Pullman Cars for above - each | £37.49 |
| R2988 | 1967 Brighton Belle Pullman Train Pack | £148.00 |
| R4527/8 | 1967 Brighton Belle Pullman Cars for above - each | £37.49 |
| R3057 | Stobart Rail Class 92 Co-Electric 'Bart the Engine' | £59.99 |
| R3058 | Freightliner Class 88 Bo-Bo Electric | £45.00 |
| R3084X | Railfreight Sub-Sector Class 56 Co-Co Diesel 'Castle Donington' DCC Sound | £179.99 |
| R3141 | DB Schenker Class 60 D100 Co-Co Diesel 60099 'Tata Steel' | £119.00 |
| R3146 | BR Class 101 DMU Train Pack blue / grey | £79.99 |
| R3147 | BR Class 101 DMU Train Pack green | £79.99 |
| R3149 | DB Schenker Class 92 Co-Co Diesel / Electric 92042 | £62.99 |

Horby 2012 New Coach Pack

due first quarter - PRE-ORDER NOW

| | | |
|-------|---|--------|
| R4534 | BR Pull-Push Twin Coach Pack BR Green | £59.99 |
|-------|---|--------|

Horby 2011 / 10 New Steam Locomotives

Please note: We haven't listed all the DCC models we keep in stock - please call with your requirements.

| | | |
|-------|---|---------|
| R3075 | N15 Class, 785 'Sir Mador de la Port' SR Green Limited Edition Royal Mail | £134.50 |
|-------|---|---------|



| | | |
|-------|---|---------|
| R3074 | King Class 4-6-0 locomotive, 7002 'King William IV' Royal Mail L/E | £134.50 |
| R3073 | A1/3 Class 4-6-2 loco, 4473 'Royal Lancer' LNER green Royal Mail L/E | £134.50 |
| R3066 | Dean Class 21210 6-0PT Pannier tank, 2785 in GWR green | £25.95 |
| R3061 | Churchward County class, 4-4-0 loco, 3821 'County of Bedford' Great Western | £59.00 |
| R3060 | A1 Class, 60163 'Tomado' in British Railways late Brunswick green -Split from set | £62.49 |
| R3059 | A1 Class 'Tomado' in BR early crest Brunswick green -Split from set | £82.50 |
| R3026 | 8F Class 2-8-0 loco, 48706 in BR late black (W) | £104.75 |
| R3024 | Ex/LMS Pug 4-0-0T 12410 in BR early black | £51.75 |
| R3023 | Class J9 0-6-0ST loco 68000 in BR late black | £57.25 |
| R3022 | A1X Class 4-2-6-2 Tank, 42613 in Southern green | £49.75 |
| R3021 | Stanier 4-2-6-2 Tank, 42612 in BR late black | £79.49 |
| R3018 | Rebut Royal Scot Class, 46115 'Scots Guardsman' in BR late green | £97.00 |
| R3016 | Standard Class 4MT, 75072 in BR early black | £102.49 |
| R3015 | Princess Class loco, 46207 'Prince of Connaught' in BR late maroon | £103.49 |
| R3014 | Duchess Class locomotive, 6233 'Duchess of Sutherland' LMS black | £104.50 |
| R3013 | DB Class 'Coronation' in BR late green | £104.50 |
| R3012 | A4 Class, 'Morin' in BR late green | £113.75 |
| R3011 | (ex SR) Q1 Class 0-6-0 loco in BR late black | £82.75 |
| R3007 | Thompson L1 Class 2-6-4 Tank Loco, 60779 in BR late black (W) | £86.00 |
| R3006 | 38x Class 2-8-0 loco, 3864 in BR early black (W) | £102.75 |
| R3005 | 28x Class 2-8-0 loco, 2845 in BR late black (W) | £102.75 |
| R3000 | Thompson B1 Class, 61243 'Sir Harold Mitchell' BR late black | £95.75 |



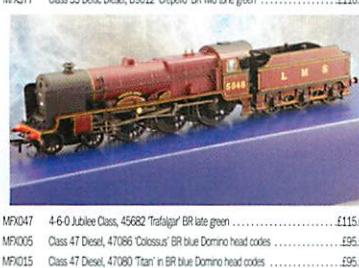
| | | |
|-------|---|---------|
| R3061 | Churchward County class, 4-4-0 loco, 3821 'County of Bedford' Great Western | £59.00 |
| R3060 | A1 Class, 60163 'Tomado' in British Railways late Brunswick green -Split from set | £62.49 |
| R3059 | A1 Class 'Tomado' in BR early crest Brunswick green -Split from set | £82.50 |
| R3026 | 8F Class 2-8-0 loco, 48706 in BR late black (W) | £104.75 |
| R3024 | Ex/LMS Pug 4-0-0T 12410 in BR early black | £51.75 |
| R3023 | Class J9 0-6-0ST loco 68000 in BR late black | £57.25 |
| R3022 | A1X Class 4-2-6-2 Tank, 42613 in Southern green | £49.75 |
| R3021 | Stanier 4-2-6-2 Tank, 42612 in BR late black | £79.49 |
| R3018 | Rebut Royal Scot Class | |



| | | | | | |
|--------|--|---------|--------|---|---------|
| R2962 | Class 56 Diesel, 56040 'Oystermouth' in BR large logo grey | £98.50 | MF3277 | Class 55 Deltic Diesel, D9002 'The King's Own Yorkshire Light Infantry' T1G | £110.00 |
| R2949 | HST 2 car Pack, 'Cross Country' | £129.50 | MF3215 | Class 55 Deltic Diesel, D9020 'Nimbus' Two Tone Green | £110.00 |
| R2948 | HST Pack 2 car pack, 'East Midlands' | £129.50 | MF3276 | Class 55 Deltic Diesel, D9001 'St Paddy' BR Two tone green | £110.00 |
| R2946 | 4/EP 4 car EMU in BR Blue | £124.00 | MF3244 | Class 55 Deltic Diesel, D9013 'Black Watch' BR Two Tone green | £110.00 |
| R2939 | Class 33 Diesel, D6537 in BR green | £37.00 | MF3277 | Class 55 Deltic Diesel, D9012 'Orepol' BR Two tone green | £110.00 |
| R2934 | Class 08 Diesel Shunter 08865 EWS | £59.00 | | | |
| R2932 | Class 153 Single car DMU 'Amit' | £59.50 | | | |
| R2931 | Class 153 Single car DMU 'London Midland' | £59.50 | | | |
| R2900a | Class 21 Diesel, 31247 in Railfreight Large Logo, SOUND FITTED | £179.50 | | | |
| R2994a | Class 60 Diesel, 60042 'Hood of EWS' SOUND FITTED | £179.00 | | | |
| R2876 | GWR Express Parcels' Rail Car No34 'Chocolate and cream' | £59.50 | | | |
| R2812 | Class 43 HST power car and trailer 'First Great Western' | £129.50 | | | |
| R2802s | Class 50 Diesel, 50015, DCC SOUND FITTED | £169.50 | | | |
| R2772 | Class 87 Electric Loco, 87010 'Britannia' BR blue | £49.50 | | | |
| R2755 | Class 86 Bo-Bo Electric Loco, 86259 'Les Ross' in Electric Blue | £49.50 | | | |
| R2752 | Class 56 Diesel, 56032 'County of South Glamorgan' Sub-Sector grey | £72.49 | | | |
| R2704 | HST Power Car & Dumpy pack 'Virgin red and black' | £117.00 | | | |
| R2703 | HST Power Car & Dumpy pack, 'GNER' blue | £117.50 | | | |

Horby Digital

| | | |
|-------|--|---------|
| R8249 | Standard 8 pin loco Chip | £11.50 |
| R8245 | Sapphire Loco Chip 21 Pin with 8 pin converter | £22.99 |
| R8213 | DCC Select Digital Control unit | £69.50 |
| R8214 | DCC Elite Digital Control unit | £165.50 |



Silver Fox Models

Ready to Run 00 gauge Classic Diesel & Electric and rolling stock



| | | |
|-------|--|---------|
| R3059 | Tomato Express, with 'Tomato' in BR green & 3 mark 1 coaches | £119.99 |
| P2986 | Train Pack 'A Date with the Dutch', with Tauton Castle and 3 coaches | £199.00 |
| P2981 | London 1948 pack with N2 06-27mkr loco + 2 LNER teak coaches | £165.00 |
| P2980 | London 1948 pack with Churched Country 4-4-4 loco and two Cheshire coaches | £139.99 |
| P2979 | West Coast Pullman 'Black 5' 49392 & 3 WC pulmans | £161.50 |
| R1139 | The Blue Rapper' Train Set with 3 car Javelin train | £75.99 |
| P2961 | Class 395 'Javelin' London 2012 livery | £119.50 |
| P2955 | Virgin Charter Relief train pack, Class 90 + DMU | £104.50 |
| P2908 | Fireworks at Chilcompton, W/C Dorchester & 3 Staverton coaches | £225.50 |
| P2987 | ThamesForth express, Black 5 (LMS) and 3 Staverton coaches | £99.50 |
| P2906 | The last Single Wheeler with LMS 2-2-2 loco & 3 calender coaches | £99.50 |
| P2979 | White Pullman- with King Arthur 'Sir Llawine' and 3 Pullmans | £125.00 |

New Hornby Coaches

| | | |
|-------|--|--------|
| R44xx | All the 12 wheel and B wheel Pullmans in stock 'Neptune', 'Car98' 'Rosemary', 'Octavia', 'Car 27', 'Car 171', 'Zenobia', 'Car 66, and others | £37.49 |
|-------|--|--------|



| | | |
|----------------|---|--------|
| R4519/20/21/22 | BR Gresley Suburban coaches in maroon, each | £29.75 |
|----------------|---|--------|



| | | |
|---------|---|--------|
| R4507/8 | LNER Gresley Suburban coaches in BR teak - each | £34.75 |
|---------|---|--------|

| | | |
|-------|---|--------|
| R4451 | SR Bagge Luggage of Chocolate and cream | £21.49 |
|-------|---|--------|

| | | |
|--|---|--------|
| | Hawksfoot coaches Maroon and Blood and custard & Choc & Choc in stock | £28.49 |
|--|---|--------|



| | | |
|---------|--|--------|
| R4547/8 | Hornby coaches Maroon and Blood and custard & Choc & Choc in stock | £28.49 |
|---------|--|--------|

| | | |
|-------|--|--------|
| R4473 | British Railways lined maroon. Observation Car | £44.25 |
|-------|--|--------|

| | | |
|--------------------------|--|--------|
| SR & BR Maunsell Coaches | | £26.50 |
|--------------------------|--|--------|

We have a large range of Hornby coaches, wagons, Skaledale buildings and other accessories please ring 0844 543 8034 for prices

** MODELFAIR EXPRESS **

Custom finished locomotives, completed to a very high standard with quality brass plates, shed plates etc



| | | |
|-------|--|---------|
| MM214 | Class 55 Diesel, D9010 'King's Own Scottish Borderer' Two tone green | £110.00 |
|-------|--|---------|

| | | |
|-------|---|---------|
| MM208 | Class 201 General Motors Co-Co Diesel, River Lagan' | £139.00 |
|-------|---|---------|

| | | |
|-------|---|---------|
| MM229 | Class 201 General Motors Co-Co Diesel, River Marie' | £139.00 |
|-------|---|---------|

| | | |
|-------|--|---------|
| MM230 | Class 201 General Motors Co-Co Diesel, River Dart' | £139.00 |
|-------|--|---------|

| | | |
|-------|---|---------|
| MM220 | Class 201 General Motors Co-Co Diesel, River Blackwater NEW | £139.00 |
|-------|---|---------|

| | | |
|-------|--|---------|
| MM227 | Class 201 General Motors Co-Co Diesel, River Tees' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM226 | Class 201 General Motors Co-Co Diesel, River Taff' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM225 | Class 201 General Motors Co-Co Diesel, River Mersey' | £139.00 |
|-------|--|---------|

| | | |
|-------|---|---------|
| MM224 | Class 201 General Motors Co-Co Diesel, River Wye' | £139.00 |
|-------|---|---------|

| | | |
|-------|--|---------|
| MM223 | Class 201 General Motors Co-Co Diesel, River Severn' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM222 | Class 201 General Motors Co-Co Diesel, River Tees' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM221 | Class 201 General Motors Co-Co Diesel, River Tyne' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM220 | Class 201 General Motors Co-Co Diesel, River Mersey' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM219 | Class 201 General Motors Co-Co Diesel, River Taff' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM218 | Class 201 General Motors Co-Co Diesel, River Severn' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM217 | Class 201 General Motors Co-Co Diesel, River Tyne' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM216 | Class 201 General Motors Co-Co Diesel, River Mersey' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM215 | Class 201 General Motors Co-Co Diesel, River Taff' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM214 | Class 201 General Motors Co-Co Diesel, River Severn' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM213 | Class 201 General Motors Co-Co Diesel, River Tyne' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM212 | Class 201 General Motors Co-Co Diesel, River Mersey' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM211 | Class 201 General Motors Co-Co Diesel, River Taff' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM210 | Class 201 General Motors Co-Co Diesel, River Severn' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM209 | Class 201 General Motors Co-Co Diesel, River Tyne' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM208 | Class 201 General Motors Co-Co Diesel, River Mersey' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM207 | Class 201 General Motors Co-Co Diesel, River Taff' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM206 | Class 201 General Motors Co-Co Diesel, River Severn' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM205 | Class 201 General Motors Co-Co Diesel, River Tyne' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM204 | Class 201 General Motors Co-Co Diesel, River Mersey' | £139.00 |
|-------|--|---------|

| | | |
|-------|--|---------|
| MM203 | Class 201 General Motors Co-Co Diesel, River Taff' | £139.00 |
|-------|--|---------|

Nine Mills

DAVE FORSHAW, GORDON FORRESTER and DAVE KENT

are the custodians of a fabulous 'N' gauge layout which really shows the potential of the smaller scale for operation. *Photography, Trevor Jones.*

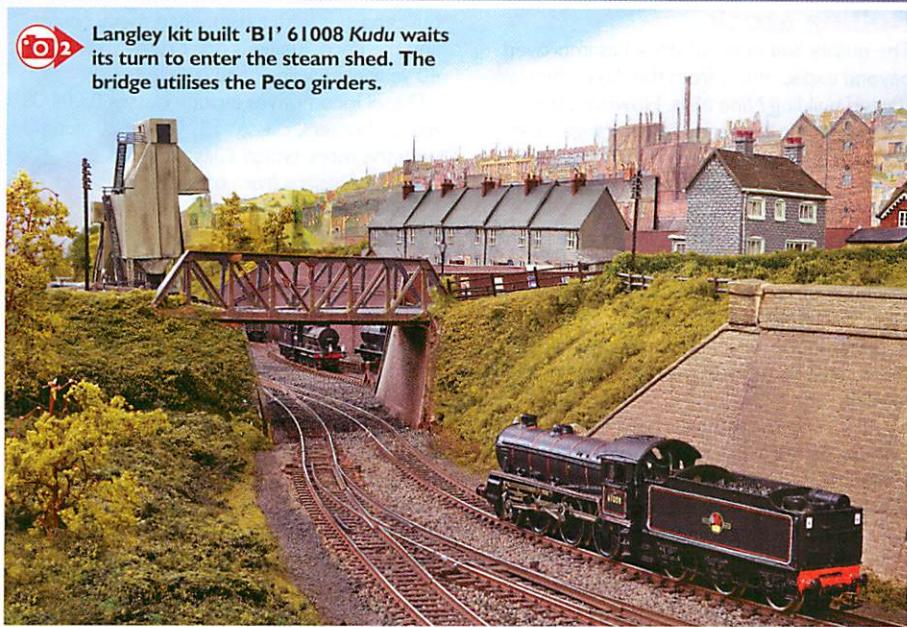


The coaling plant towers over several Fowler locomotives – a 'Compound' '4F' and '7F' – along with a 'Black Five' and a 9F.

The coal and ash plant are based on the examples at Carnforth, scratchbuilt from plasticard by a friend who was working at Steamtown at the time.



Langley kit built 'B1' 61008 *Kudu* waits its turn to enter the steam shed. The bridge utilises the Peco girders.



STATISTICS

| | |
|----------|------------------------------------|
| Owner: | Worthing Model Railway Club |
| Scale: | 'N' |
| Length: | 20ft |
| Width: | 8ft |
| Track: | Peco code 80 |
| Control: | Analogue |
| Period: | 1950s-1960s Midland/Western Region |

NINE MILLS is a fictitious Motive Power Depot located in the South Midlands where the London Midland & Scottish Railway (LMS) and Great Western Railway (GWR) both had depots. By the early 1960s the Midland shed has been replaced by a new diesel servicing facility: the GWR shed remains in use, but the steam locomotives continue to use the ex-LMS coaling and ash plant.

Behind the depot is a cross country main line, running a wide range of local and long distance inter regional passenger services, including some displaced from the West Coast Main Line due to electrification work. The line also sees extensive freight workings, often pausing nearby in the passing loops. The engineers' department has taken over some of the rationalised sidings, but the brewery remains rail served. This gives members a reason to run Midland, Western and BR Standard rolling stock as well as inter-regional trains from Southern and Eastern regions.

The layout measures 20ft x 8ft, built from twelve 4ft x 2ft baseboards - five scenic at the front, five fiddle yard at the rear; and one linking the front and rear at each end giving a central operating well. A continuous circuit with the two track main line, steam and diesel MPD and sidings gives up to five operator positions, with viewing from two sides, and an 18-road fiddle yard.

The name, Nine Mills is not exactly an original name for an 'N' gauge layout: it was intended as a temporary project name during construction, but then we didn't want to change it!

Inspiration

Nine Mills started life in 1989 with just the steam depot as an end to end layout with a fiddle yard at one end and run round loops at both ends were built over the following few years - though the fiddle yards were longer than the scenic section! A temporary solution was to cover the run round loop at the one end with a hill, thus hiding the fiddle yard and providing more of a scenic section. However the other end with its sidings and loop was really defeating the flexibility and operating potential of 'N' gauge to show full length trains, as the two track main line was just being used as a single track dumbbell.

After spending six years in Nottinghamshire, Dave Forshaw returned to Worthing in 2002 and the decision was taken by the club to modify Nine Mills into a large continuous circuit layout. A further ten 4ft x 2ft baseboards were constructed, four scenic and six for the fiddle yard, to create what you see today.

Life on the road

By 2006 the rebuilt layout was sufficiently complete to begin exhibiting it again. At first this was locally in Sussex, giving us our first »

logistical challenge. As the layout now has 12 baseboards, lighting gantry, control panels, power box, tools, spares, rolling stock boxes etc., there was a lot of equipment to move. This was normally done with a hired van, but in recent years we have been able to borrow a local Scout group's large box trailer, which reduces exhibitor's expenses, and with a ramp at the rear is easier to load.

It takes us about two hours to erect and level up the layout after unloading at shows, including running twenty 25-way cables to the control panels. After a track clean we are ready to start test running. Then begins the laborious task of putting the stock on the layout, which actually takes longer than putting up the layout, which is the downside of having installed a large capacity fiddle yard! However, it does mean a visitor sees 22 trains in each direction before the same one comes round again, likely to take about 45 minutes. The fiddle yard can hold 44 trains, swallowing over 600 wagons and 200 coaches with 40 locomotives to haul them. There are then typically a further 50 locomotives on shed, plus a few in sidings, meaning we have to maintain a fleet of well over 100 locomotives on the layout at any one time. Exhibition visitors are often fascinated to see so much stock in one place.

Rolling stock

The quality and range of stock has improved beyond expectations from the days when we started building Nine Mills. However, there are still gaps in the ready-to-run ranges and we have built and converted many items to fill these holes to create a more complete and authentic scene.

Steam locomotives normally get at least the addition of lamps, brake pipes and real coal and maybe some weathering. I used to buy vacuum pipes by the dozen but now they are now normally in the 'bits bag' along with holes in the buffer beam ready to be fitted on modern models.

Whilst most locomotives have Farish origins, we still run a number of Minitrix - the 'Britannia' and '9F' have great haulage ability on trains of heavy kit built coaches and wagons, which their Farish counterparts won't shift.

The new generation of locomotives from Farish and Dapol are excellent, but it is also worth mentioning the range from Union Mills. Whilst not having the level of detail we now see from Farish and Dapol, these are great locomotives for heavy haulage. Trains with heavy loads are often pulled by Union Mills Fowler '3Fs' or '7Fs' (both the LNWR 'G2' and Fowler versions). The '2P' is good for the kit

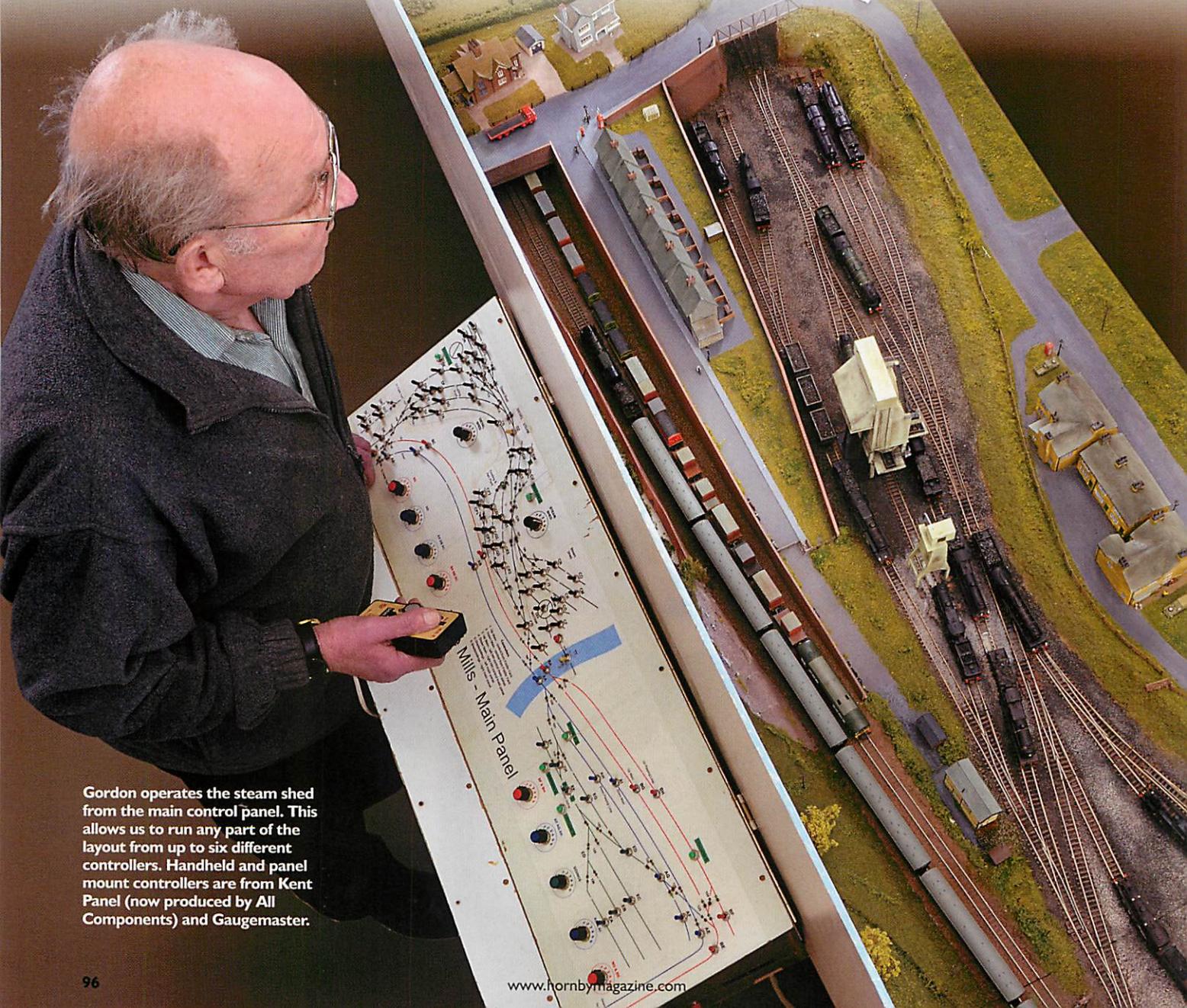
built coaches with a high white metal content and the Peco 'Jubilee's don't really show their 40 year old tooling once detailed.

Diesel locomotives include classes 03/04/08 diesel shunters, classes 15, 16 and 20 along with the more typical Class 25s, 31s, 37s, 40s and 47s. Designs from other regions, such as Class 33s and prototypes such as 10000 and Falcon also appear.

Several of the kits - steam and diesel - are from manufacturers who are no longer trading and thus no longer available. The lesson seems to be that if you like something, then buy it while you can.

It will soon be possible to eliminate the last of the old Farish Poole coaches with their peculiar colours once the newly retooled Mk I BG and GUVs become available. The rest of the Mk I fleet is either the new tooling or the much improved last generation of the old tooling with correct colours and printed detailing. A few old coaches have been used as donors for etched overlays of non available types, such as the sleepers (but not for much longer as these are also due for release by Farish later this year).

As a London Midland oriented layout there is also a lot of ex-LMS Stanier stock in evidence. Many of these Ultima Models coaches will be >>



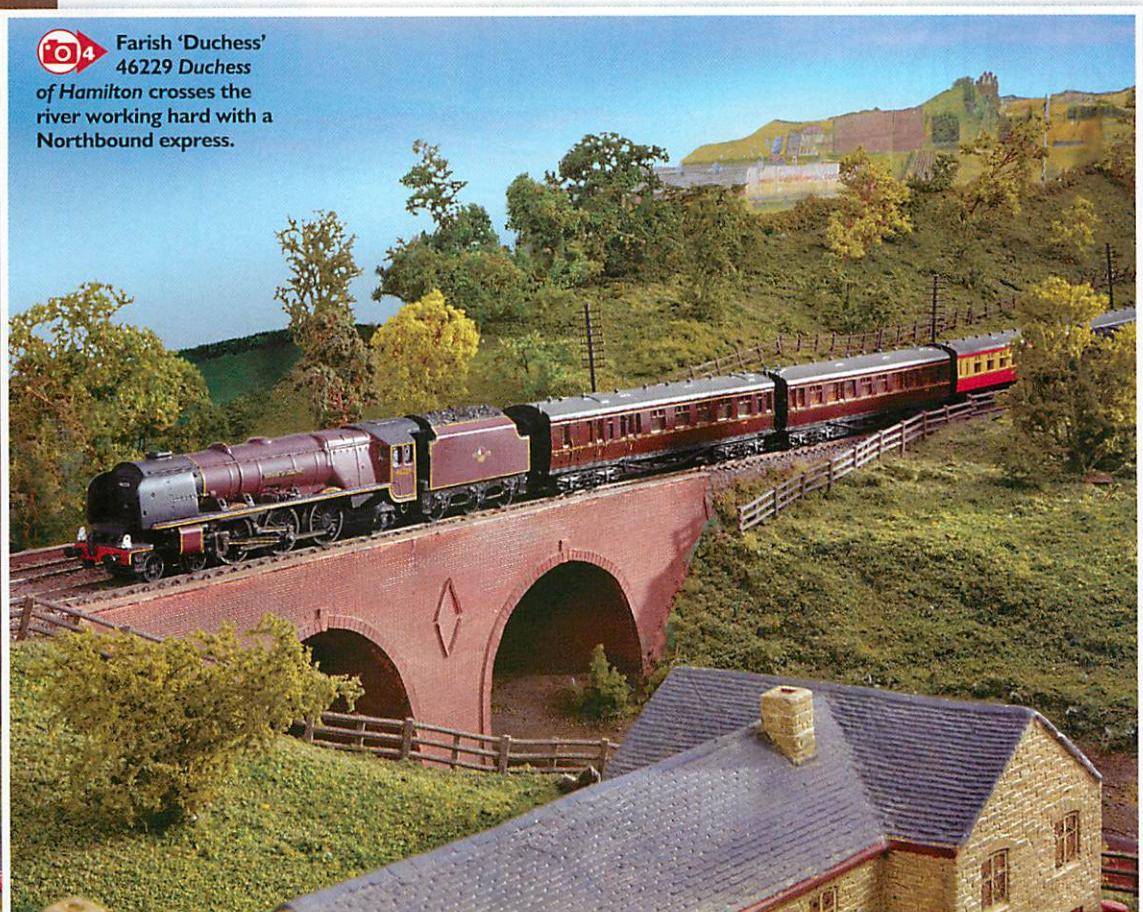
Gordon operates the steam shed from the main control panel. This allows us to run any part of the layout from up to six different controllers. Handheld and panel mount controllers are from Kent Panel (now produced by All Components) and Gaugemaster.

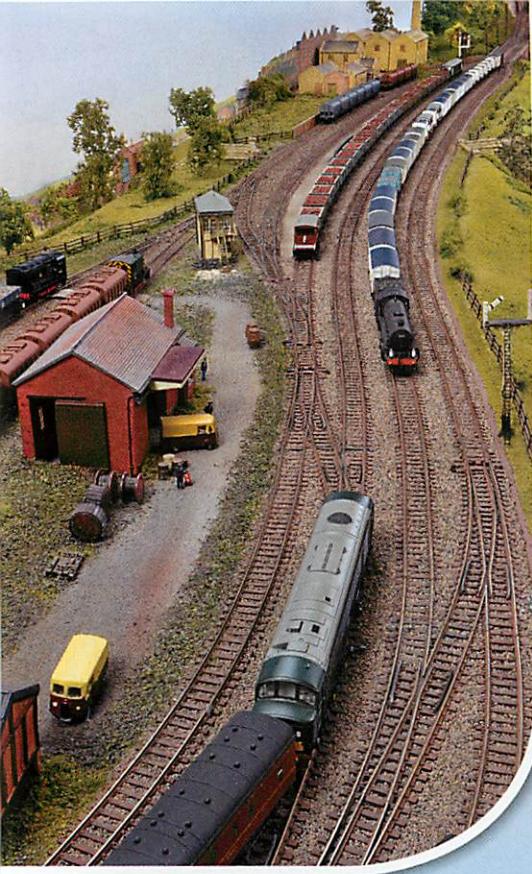


A busy time on the diesel shed, with Brush and BR Type 2s, BTH Type 1 and English Electric Type 4. A new English Electric Type 3 is refuelling. The breakdown crane (Fleetline/Skytex kit) is ready for action.



Farish 'Duchess'
46229 Duchess
of Hamilton crosses the
river working hard with a
Northbound express.





seen running on the layout. The early kits have recently been recycled into other Stanier coach variants using the original aluminium floor and roof sections 'cut and shut' into various lengths, but adding new white metal ends and underframe details from Etched Pixels, which has relaunched many of the Ultima kits and detailing parts. Some printed sides and other detailing parts are also still available from the N Gauge Society.

As a cross country route we can justify some interlopers from other regions so there is a rake of Dapol's superb Gresley coaches, as well as some old BH Enterprises kit versions and Thompson coaches from the same source. From the Western region a few Collett coaches will be seen, and some Southern green or WR chocolate and cream Mk Is.

Suburban stock is not forgotten with both BR and LMS Farish versions, and a Mk I rake from Beaver kits built before the Farish ones appeared. To bring the coaching stock to a

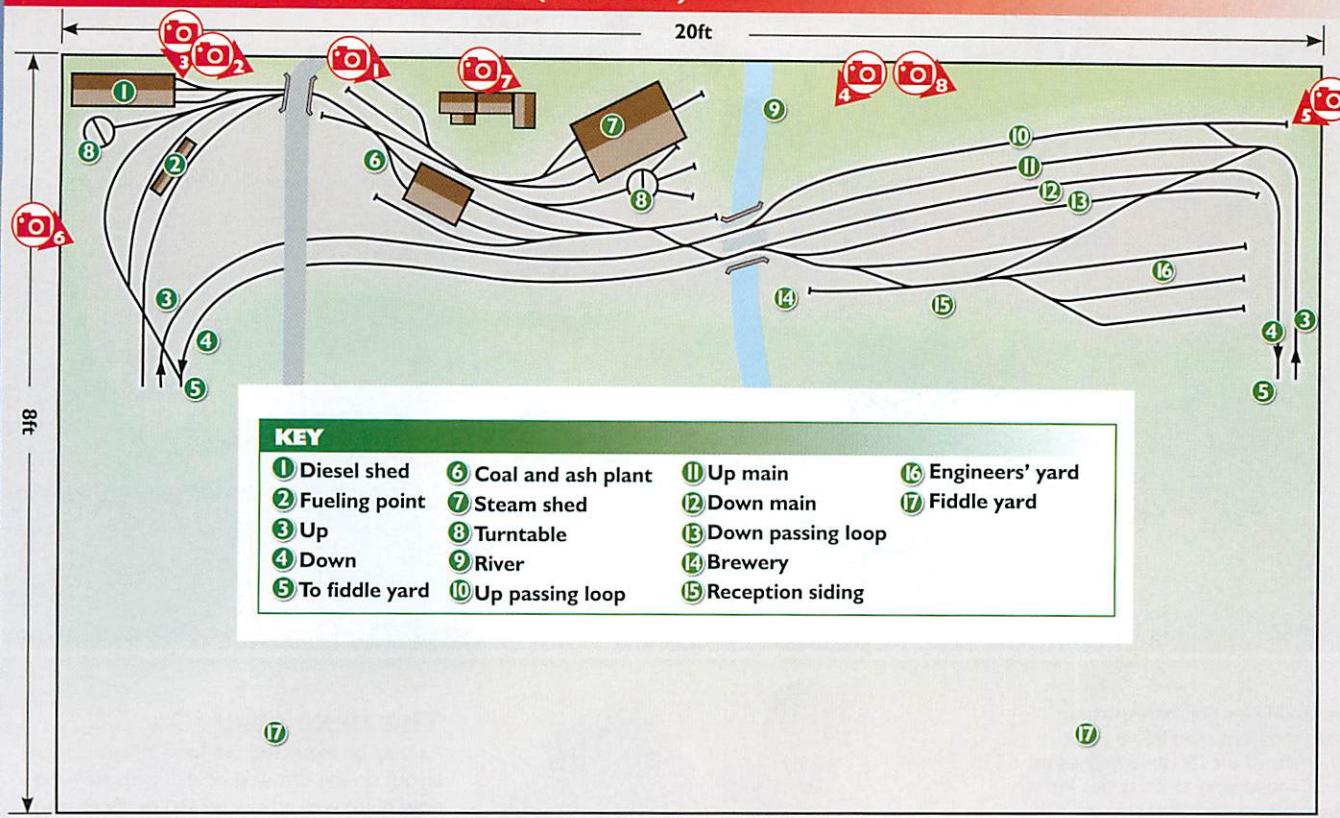
close we should mention DMUs as these were rapidly displacing locomotive hauled trains at the time. For a long time the only ready-to-run first generation DMU model was the Metro Cammell Class 101 and whilst there is still an original still in the fleet, the excellent new replacement version means it will be rarely seen. The Derby Class 108 makes an appearance in several guises as released by Farish. BH Enterprises kit built Class 104 BRCW and Swindon Cross Country Class 123 can also be seen. The Class 104 currently uses a Tomix chassis and the 123 a shortened Farish Class 158 later type split frame chassis, which can relatively easily be adjusted to fit a 64ft long vehicle by adjusting the bogie pivot points inwards and shortening one of the drive shafts.

The wagon fleet is where we have the greatest variety, ranging from 30 year old Peco 10ft wheelbase wagons to the latest Farish and Dapol releases, appropriate to the period. More importantly though a large number of kits from the N Gauge Society, Parkwood Models (now also owned by the N Gauge Society), Parkside Dundas, Fleetline, Foxhunter, Chivers, to name a few make up the numbers.

05 Old and new come together as a Farish Peak and 'BI' meet. The 'BI' is working a fish train made up of Dapol blue spot vans, Foxhunter ex-LNER fish vans, and Farish insulated containers.



NINE MILLS TRACK DIAGRAM (Not to scale)



⑯ The mainly Mainstreet card kit based town backs onto the railway, with Union Mills 'G2' 49378 passing below and 'Princess Royal' 46200 The Princess Royal hauling a Northbound sleeping car train.

Almost every prototype running in the early 1960s that has been produced by these manufacturers will be seen on the layout, giving over 100 different wagon types. Loaded open wagons feature real coal, stone, sand, and chalk. Tanks, tractors, cars, lorries, pipes, girders and various Ten Commandments loads are all carried too.

Many trains are made up with a mix of vehicles from different manufacturers, such as the ballast train made up with Grampus and Mermaid from Parkside Dundas, with Dapol Dogfish and 'N' Gauge Society Walrus hoppers and Shark brake vans. The 'Condor' container train uses Parkwood, Peco and Skyrrex containers, not only on conflats, but a variety of open 10ft and 15ft wheelbase wagons. The breakdown train has a 45ton Fleetline crane together with Peco barrier wagons, Ultima Stanier BG, Lima Siphon G as a tool van, N Gauge Society Salmon track carrier and Farish brake vans.

DG Couplings are fitted to many locomotives and train ends, and some wagons to allow some hands free shunting, and also because the stock is used on another layout with a terminus station.

Development at WMRC

Dave Forshaw has been building another project set in the North West at the end of the 1960s and as a result building and conversion of a number of locomotives in BR blue livery with their pre TOPS numbers.

In some cases, this means un-refurbishing the existing model, as many are portrayed in their later life guises, to return them to their as built condition. A number of Class 47s, 50s and 86s have been treated so far, or should I say Brush and English Electric Type 4s and BR AL6s!

These, together with selected green diesels, will form the motive power. A number of period blue/grey coaches, mainly Mk 2a and Mk 2c have been converted from the Farish air conditioned variants using Electra Graphics vinyl sides, adding roof vents and altering the underframe equipment.

On the wagon front period pre TOPS air braked wagons make an appearance with HOP AB (later HAA) from Peco, and the then brand new standard 20ft 9in wheelbase vehicles as vans COV AB and opens OPEN AB (later known as VAA and OAA). There are also Freightliners and 100ton bogie tanks mixed with appropriate existing vacuum braked and unfitted stock.

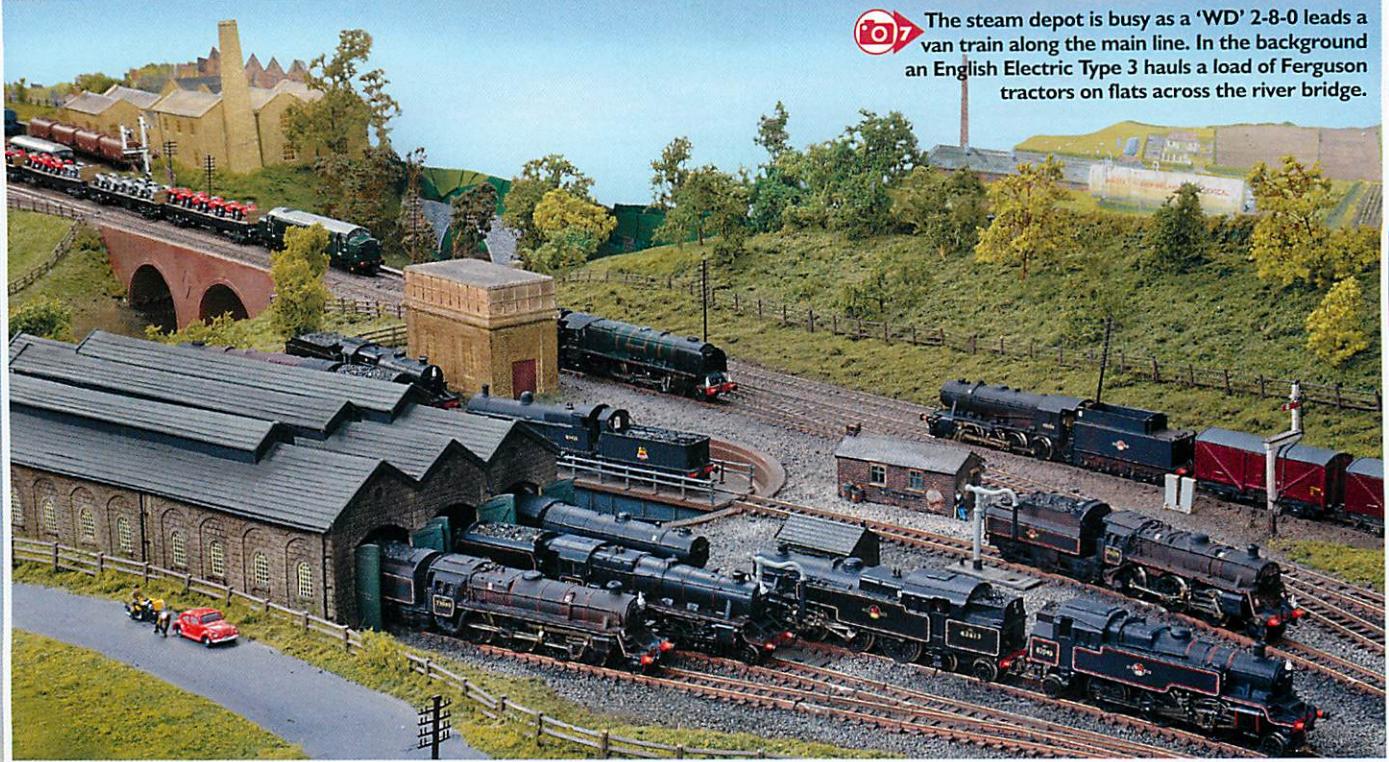
In order to tweak the layout, the steam shed is converted to a preservation centre, and given that the coaling stage and ash plant are modelled on Carnforth, an impression of Steamtown is created. Adding some preserved steam locomotives and several more waiting to be rescued - along with a few wagons and coaches - completes the altered scene. There are plenty of withdrawn mainly old Poole Farish locomotives in my spares box for conversion into rusting hulks.

To complete the transformation, additional circa 1970 period vehicles are added to the layout along with some BR corporate image signage, and there we have a Northern England West Coast Main Line just before the wires arrived.

We of course continue to add additional small details and little cameos to fill gaps and create more interest on the layout. We will continue to add appropriate period stock such as the previously mentioned new Farish coaches, and the Blue Pullman (on an excursion?) when released.



The steam depot is busy as a 'WD' 2-8-0 leads a train along the main line. In the background an English Electric Type 3 hauls a load of Ferguson tractors on flats across the river bridge.



AND LEFT
LUGGAGE

Gordon and Dave Forshaw working the main lines from the fiddle yard panels. With about 150 locomotives in our fleet, conversion to DCC was not a viable option, so analogue control is in use for the foreseeable future.

The next step

As may be expected we have a replacement layout on the drawing board, with planning now quite well advanced and ready to start cutting timber. This is an ambitious project to create most of Preston station and the junction area just south, creating an almost 'opposite' layout to Nine Mills, modelling a large station but no locomotive sheds. We're not yet sure how we're going to build the overall roof - but that's part of the challenge!

This will be a larger layout with an initial length of 24ft and a scenic depth of over 3ft (versus 2ft of Nine Mills). The existing 18 road fiddle yard will be incorporated into the layout to provide the core WCMR trains, but additional storage will be built immediately behind the scene for the West Lancashire lines (Liverpool, Southport, Blackpool) and East Lancashire lines (Manchester and beyond), creating a total of six through running lines. With an increasing pool of stock we expect to be able to run this layout in circa 1960s or 1970s periods. Excursions to Blackpool were still big business in the early 1960s and this creates the opportunity for some interesting visiting locomotives and stock from other regions. In the long term there is the option of modelling the area north of the station which includes the junction for the Fylde coast and the north to Lancaster, Carlisle and Scotland and maybe some locomotive facilities.

This year the Nine Mills is due to appear at Perth in June, the 'N' Gauge Show at Leamington Spa in September, and our own show at Worthing on September 15/16. There are bookings into 2013 and 2014 for Watford Finescale and Warley so far.

Due to the long life of the layout, numerous current and former club members have worked on Nine Mills over the years. In recent years, the current three man team has done most of the modelling, with Gordon specialising in electrics, and Dave Kent on scenic detailing. Thanks also to regular guest operator, Reg Skelhorn from the Elizabethan Railway Society who joins us at many exhibitions.



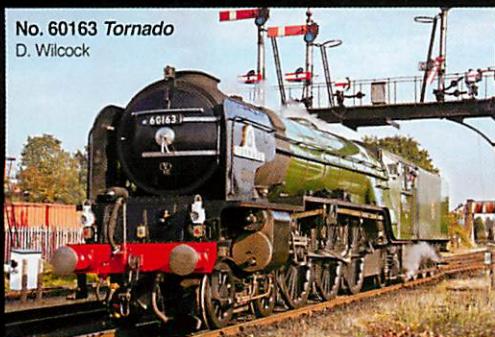
 'Britannia' 70054
Dornoch Firth with
a Crownline detailing
kit hauls a rake of
Ultima Stanier stock
while rebuilt Crosti
'9F' 92026 hauls a
steel train into the
loop ready for an
express to overtake.



Steel, Steam & Stars III

21st-29th April 2012
A NINE DAY MEGA GALA

Featuring up to 12 ex-Main Line Steam Locomotives including 6 Guests



No. 60163 *Tornado*

D. Wilcock



'Coal Tank' No. 58926

H. D. Bowtell



No. 70000 *Britannia*

B. Morrison



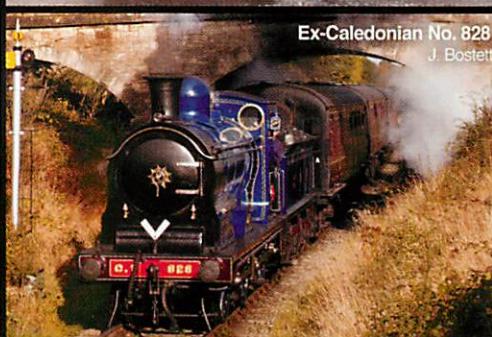
'Super D' No. 49395

B. Sharpe



Ex-GNR 'N2' No. 1744

M. Rogers



Ex-Caledonian No. 828

J. Bostett

PLUS THE RESIDENT LLANGOLLEN RAILWAY FLEET

Including: ex-GWR No. 7822 *Foxcote Manor*, ex-GWR No. 5199 (in BR black), ex-LMS No. 44806, ex-GWR No. 3802, ex-GWR No. 6430 (on auto trains), ex-BR No. 80072 & ex-GWR No. 4141 (subject to completion)

INTENSIVE TIMETABLE 21/22 & 27-29 APRIL • EVENING TRAINS THROUGHOUT

MON 23: SCOTTISH DAY with 70000, 828, 44806 (as 44801)

TUES 24: 1950s WEST MIDLANDS DAY with 49395, 7822, 5199

WEDS 25: TORNADO 'LITTLE & LARGE' DAY with 60163, 1744, 58926

THURS 26: NORTH WEST 1950S DAY with 49395, 58926, 44806

• featuring a once-only recreation of the last train between Abergavenny

& Merthyr Tydfil in January 1958 with '49121' and 58926 (middle top picture)

★ FIRST TRAINS DOWN NEW CORWEN EXTENSION TO BONWM
(subject to railway inspectorate approval)

★ BEAVERTAIL™ OBSERVATION COACH

- ★ BRAKE VAN RIDES ON TIMETABLED GOODS TRAINS
(including newly restored ex-SR 'Queen Mary' brake van)
- ★ STEAM & VINTAGE RALLY AND MODEL RAILWAY EXHIBITION AT GLYNDYFRDWY
- ★ NARROW GAUGE STEAM FEATURING TALYLLYN
RAILWAY NO. 2 DOLGOCH AT CARROG
- ★ MODEL ENGINEERING DISPLAY & MINIATURE RAILWAYS IN CARROG YARD
- ★ BEER FESTIVAL AT LLANGOLLEN STATION
- ★ GRAND CAVALCADE ON SUNDAY 29TH

**SINGLE & MULTIPLE DAY TICKETS AVAILABLE –
BUY IN ADVANCE AND SAVE! GO TO www.6880.co.uk**

Extensive parking available at Glyndyfrdwy

THE GALA EVENT OF THE YEAR!

At the Llangollen Railway

Presented by the 6880 Betton Grange Society

*all attractions subject to availability/weather – please check before travelling

Show sponsored by:

HORNBY
magazine

www.6880.co.uk

Don't Delay
Call Today

WANTED

No Cheques
No Posting
Just a Top Cash Deal

Top Prices Paid for Your collection of
Hornby, Bachman, Heljan, Farish, Wrenn, DJH and Other
Kits Built & Unbuilt, Exley, LGB

WE PURCHASE YOUR WHOLE COLLECTION

Layouts dismantled - Distance No Object

**We also require O gauge and above R.T.R or Kitbuilt
Loco's, Coaches, Wagons etc.**

VISIT

WWW.SANDJMODELS.COM

**For Discontinued Mint Boxed Hornby & Bachmann
Loco's, Coaches, Wagons etc.**

**100's of items listed who know's
you may just find that elusive item!**

**S&J Models, Eaton House, 16 Chester Road, Castle,
Northwich, Cheshire CW9 1JB**

Opening hours Fri - Sat 10 - 4, Parking at rear

ALL MAJOR CREDIT CARDS ACCEPTED

**Call Now Tel: 01606 872786 Mobile: 07531 949 069
Email: sjmodels@tiscali.co.uk**

- particularly with a fully sound fitted fleet of
models to work with!





UNDER CON

MIKE WILD

BOLSOVER AND SEVEN LANE PIT has been the focus of attention here in the Hornby Magazine office ahead of the Leamington and Warwick Model Railway Exhibition on January 21/22 following construction of its new fiddle yard.

Between Christmas and New Year Hornby Magazine's operating team of Graham Muspratt, Richard Proudman and I got together to tackle a few jobs on the layout together with some modifications to the fiddle yards for Ashland – Hornby Magazine's layout in a weekend challenge project (HM51).

The first job on Bolsover was to tackle a couple of ailing point motors which refused to throw over properly. Fixing these problems has opened up new operation potential as we now have full access to the goods yard at the front of the layout and it is also possible to set a goods back into the outer loop for shunting.

The new fiddle yard was all but complete in the final days running up to the show with only final configuring of the point accessory decoders to complete and a lot of packing to do by January 19.

However, these changes have lead to the necessity to enhance the control options for the layout. Previously we have operated it with Hornby's RailMaster software on a laptop plus a single handheld device which is still undergoing Beta testing prior to launch. However, we now need three operators permanently in control of Bolsover to ensure a smooth flow of trains on the main lines and in the colliery.

To do this two additional handsets have been acquired which will link into the main laptop through a wireless network hidden beneath the layout. Adding further to this the change to the fiddle yard has been a

complete overhaul of how the computer is used for the layout and the addition of a second 22in monitor to allow the track plan to be adequately displayed for the operators to work with.

There are now three dedicated positions for operation of Bolsover:

1. Inner main line operator and point control located in the centre of the layout.
2. Outer main line operator and goods yard shunter located on the outside of the layout.
3. Colliery shunter located in the centre of the layout.

These three positions mean that all drivers have full view of operations and through the use of macros to control the fiddle yard points a smooth flow of trains should follow – certainly once we have all got used to how the new system works.

A substantial amount of communication will



ROL!

Jobs this month

- * Prepare Bolsover for Leamington
- * Adjust point motors
- * Develop control system

be needed between the operators to bring all the elements of the new arrangements together, but as we approach the show we have a great deal of confidence that we will be able to put on a good show at the weekend – particularly with a fully sound fitted fleet of models to work with!

BIG CHIMNEY

PHIL PARKER

FLOCKBURGH, our 3mm scale layout, has a photograph bought from International Models for a backscene. It's very nice and attracts a lot of positive comments from visitors, but there is a big problem. At the baseboard joint it has become tatty. Attempts at repairing or patching it have been unsuccessful as I can't match the delicate shades in the blue sky. Replacing the whole thing isn't an option either as there are several feet of cliff stuck to it.

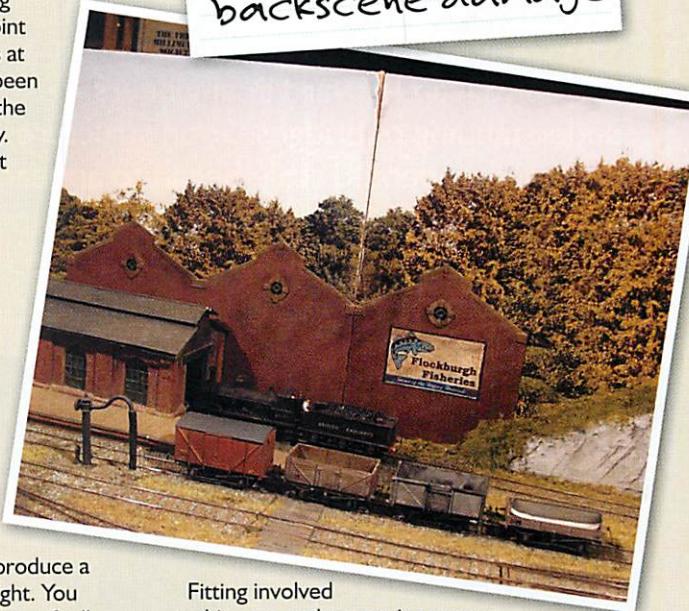
At times I wish we'd just done the job with a wash of sky colour emulsion.

With a major exhibition approaching, it was time to do something and we had an idea. The gap is between two Flockburgh Fisheries buildings. If the factory gained a chimney, this would cover up the damage nicely.

It took several attempts to produce a cardboard shell that looked right. You can't, or at least I can't, find plans of tall chimneys anywhere so working out how much taper the stack should have was guesswork. As it turns out, the answer is "very little". The card was covered with Slaters brick embossed plasticard. Several layers built up the top as this tended to be a bit ornamental.

Jobs this month

- * Cover up backscene damage



Fitting involved

nothing more than carving away a bit of ground cover and Blu-tacking the model in place over the joint. Without the layout set up, my attempts at matching colours of the brickwork weren't very good but I pretended that this was a replacement stack. At least people can't see the damaged paper behind it now.



Bridges

PART
TWO

The coming of the railways resulted in a massive leap forward in engineers' understanding of bridges. Soon structures on an unprecedented scale began to appear, as **EVAN GREEN-HUGHES** explains.





An Ivatt '4MT' 2-6-0 crosses Sleekburn viaduct from South to North Blyth with a train of coal empties at sunset in 1966.
W Verden Anderson/Rail Archive

EARLY RAILWAY builders were faced with many problems which had never been faced before by civil engineers. In the turnpike age roadbuilders were able to navigate hills on gradients possible for mail coaches but beyond the capabilities of the early steam locomotives. When the road had to cross terrain which would have provided a route impossible to a coach and horses, the route could be varied so that it ran at an angle across the hillside, thus reducing the slope.

For the canal builders this solution was not practical and so locks were used to raise the level from one section to another. Also much of the canal network was built on the contour system in which the route sticks to a particular level, winding its way around hillsides as it does so. The big disadvantage with this method is that many miles can potentially be added to a journey and sometimes complete U-turns are performed as the route meanders its way through the countryside.

At first, civil engineers followed the patterns of their fathers, and the first routes had long flat sections with inclines at each end, often worked by steam engines much in the fashion of the canals, and many notable routes were built in this way. There is a good example of one of these early lines near Grosmont in North Yorkshire where the original route of the Pickering-Whitby line contains an incline, which was later by-passed by what was to become the North Yorkshire Moors Railway.

Obviously contour-hugging or routes containing inclines were not practical solutions for the first main lines, which would have to take a more direct course from place to place, and neither was the Roman principle of building straight roads which ran directly up and over natural obstacles, whatever the resulting gradient. Inevitably these direct routes would cross wide valleys, the crossing of which would require structures of hitherto unimaginable proportions.

New solution

George Stephenson was faced with this problem when he laid out the line for the Liverpool and Manchester Railway in 1828 for at Collins Green near Warrington he was faced with carrying his line over the Sankey Brook. Here it was necessary to cross the valley at a height of 70ft so that there would be sufficient clearance for the Mersey flats on the canal below. The resulting nine-arch structure, approached by 900 yards of viaduct, was the prototype for many similar viaducts. The structure required huge foundations which had to be dug down many feet until a secure footing could be obtained and used the arch principle in which the load is passed outwards and downwards until it reaches solid ground at each end. In this case, the viaduct had to be tied into the embankment as there was no existing rock onto which the load could be transferred.

Engineers' understanding of viaduct construction advanced so quickly that by 1840 it proved possible to build a 111 ft high 27 arch structure right across the town of Stockport. This bridge was built for the »



English Electric Type 4 D362 comes round the curve from the 2½-mile Tay Bridge at Wormit with an Aberdeen to Edinburgh Waverley express in September 1964. W Verden Anderson/Rail Archive



Stockport viaduct was a major achievement and when constructed it was the longest viaduct in the world, although that soon changed. On April 20 1968 Stanier '8F' 2-8-0 48773 crosses Stockport viaduct with a rail tour. Brian Stephenson.



The most modern railway bridge in the UK is the Medway Viaduct on the high speed line from London St Pancras to the Channel Tunnel. A Class 373 Eurostar hurries away from the camera across the Medway bridge forming train 9036, the 15.32 St Pancras to Paris Nord on Sunday April 19 2009. Brian Stephenson.



Glenfinnan viaduct was constructed entirely of concrete and was a major step forward in viaduct and bridge construction. Thompson 'B1' 4-6-0 61355 comes off Glenfinnan viaduct with a Mallaig to Fort William train on April 3 1961. David Hepburn-Scott/Rail Archive Stephenson.

Manchester to Birmingham main line and was widened in 1890 to take more tracks: it is still used today by express trains between Manchester and London.

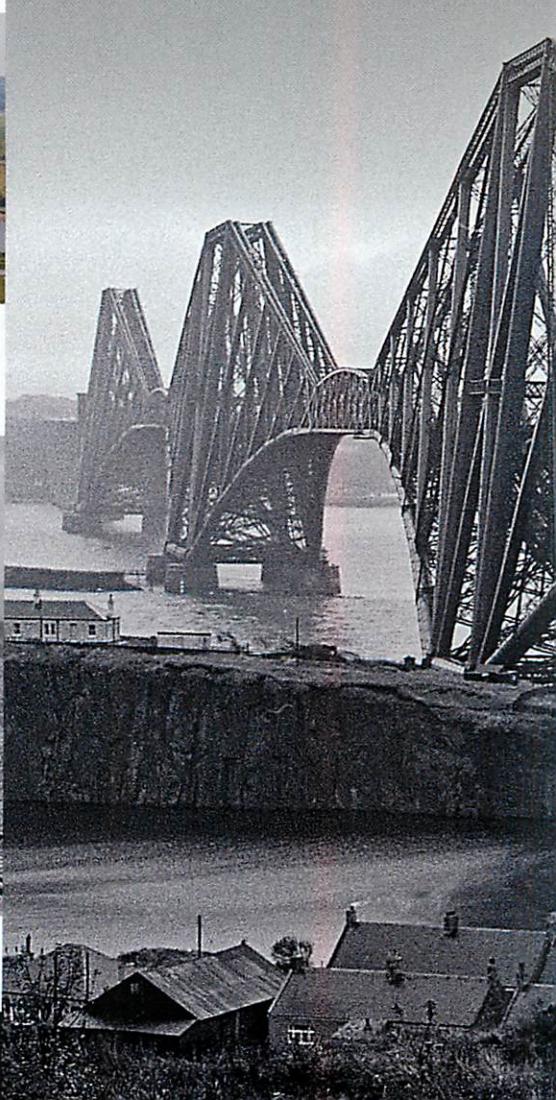
Although this was the largest in the world when constructed it was eclipsed time and time again until eventually the largest viaduct in the UK was constructed, the monumental 82-arch Harringworth Viaduct, which crosses the River Welland in Northamptonshire. This structure is 1,275 yards long and 40ft high and was completed in 1878. Within half a century man had learned to cross even the most formidable of obstacles.

Heavy metal

As the tracks advanced, there were still problem areas where the conventional masonry viaduct was unsuitable. Many of these were where a huge span was required at great height while others crossed shipping lanes where an arch of sufficient size could not be constructed which would allow sea-going vessels to pass underneath.

In road-building days many of these large crossings had been made by using suspension bridges but this type of design is unsuitable for very heavy loads applied at random over differing parts of the structure such as trains as its strength is derived from the combined efforts of the drop cables. In addition, the movement of the deck, however small, would make the laying of permanent way impracticable.

Alternative methods needed alternative materials, one of which was iron. The first



large wrought iron structure was completed in 1857 in Weischel in Germany with multi-arch structures following soon after. By using iron it was possible to build bridges which were much lighter than they would have been had they been of masonry, and as a result it was possible to site the piers further apart. Iron bridges also largely did away with the need for extensive and heavy abutments because the bulk of the load was transmitted vertically into the pillars.

As with masonry structures iron bridges became larger and more complex as the years progressed with one of the longest ever constructed being finished in 1878, and crossing the Tay, near Dundee. This 2½-mile long structure was of lattice girder design and made of wrought and cast iron parts resting on pillars sunk down to the river bed. Unfortunately due to design errors and some defective parts this structure collapsed the following year, just as a train was passing over it during a gale.

Although bridges such as that over the Tay were normally successful when properly constructed they still had the disadvantage that they required pillars to be constructed at regular intervals. Such a solution was not possible when Robert Stephenson wished to build a bridge to Anglesey from the Welsh mainland as the Admiralty demanded that there were to be no obstructions in the busy waterway below. His solution was to build a bridge in which the trains ran inside a large box girder, which was supported on two large columns, one at each end. Prior to this

bridge wrought iron spans had been limited to just over 30ft long by the manufacturing process but in this bridge the main spans were no less than 460ft long. This extremely successful bridge lasted until 1970 when it was destroyed in a major fire started by vandals. Today the columns support a new bridge, though there is a smaller bridge on the same principle at Conwy.

Perhaps the most monumental of the metal bridges was that over the River Forth near Edinburgh and completed in 1890. This gargantuan structure is 1.6 miles long and 151ft high to rail level, with supporting towers which are 330ft high and constructed on the cantilever principle. Originally this bridge was to have been of similar construction to that over the Tay but the collapse of that structure caused the railway companies to rethink their plans. This bridge was the first to be made completely of steel, including the supports and was of such quality and strength that it is still in use today and is in such good condition that it will be with us for hundreds of years to.

Hard rock

Concrete bridges first appeared in the mid 19th century with that at Cromwell Road in West London on the District Line being one of the earliest. The material gained in popularity, particularly where no local stone was present

for building with perhaps the largest of the early mass concrete structures being the 21-arch Glenfinnan Viaduct on the West Highland line's Mallaig extension of 1897 which was built entirely on a curve at a height of 90ft above the surrounding land.

The adding of steel reinforcement to concrete enabled even bigger structures to be constructed and today almost all new bridges are built of concrete. On the new high-speed

line from London to the Channel Tunnel one of the longest single span concrete structures in the world designed specifically for rail use was built over the River Medway in Kent and completed in 2002. This bridge is almost a mile

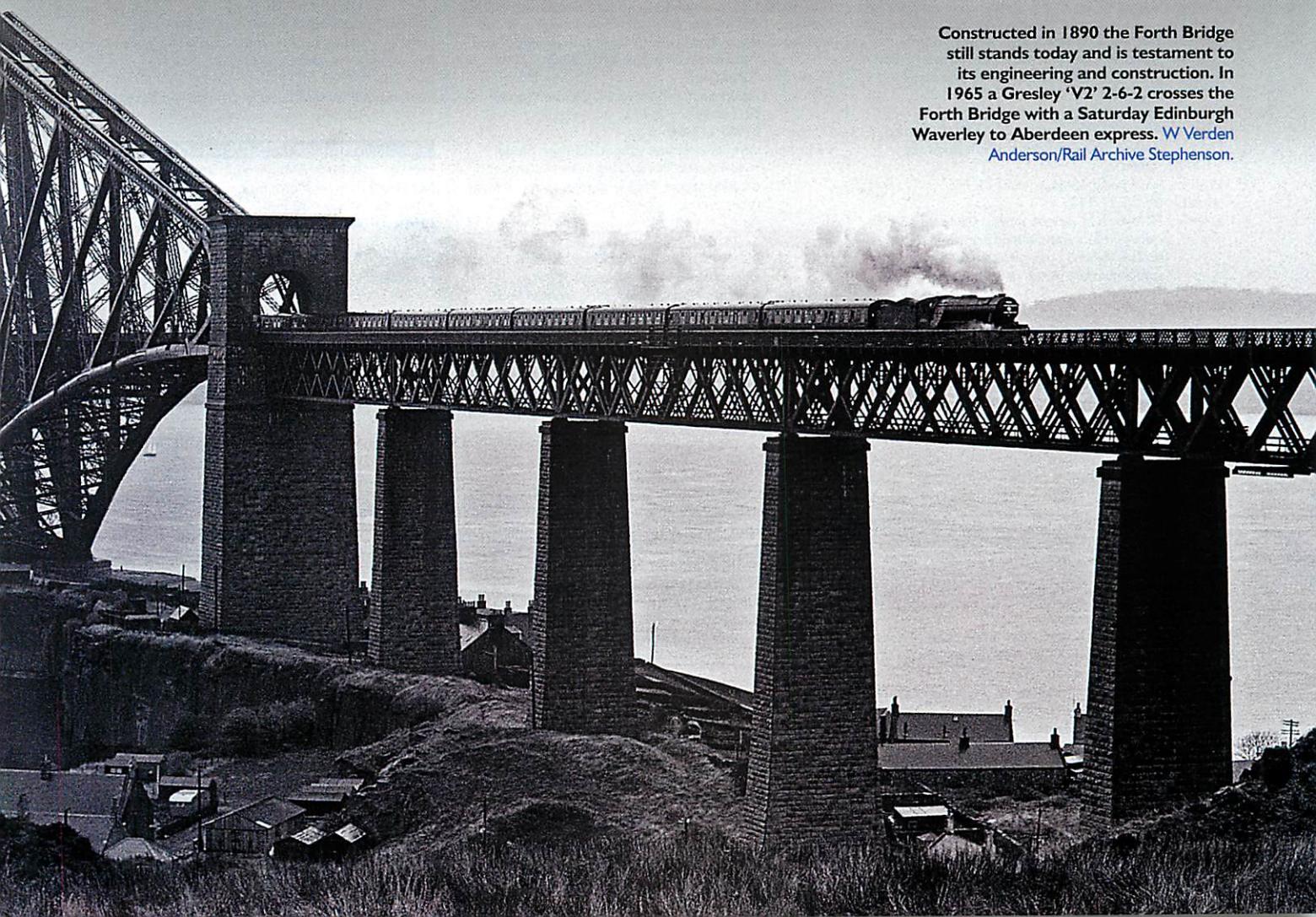
long with the longest span being of 450ft over the river itself. Designed for trains running at over 180mph the supports of this bridge have had to be specially designed to prevent them toppling over in the unlikely event of two high speed trains applying their emergency brakes on the structure at the same time.

It is unlikely that modellers anywhere will have the chance to reproduce any of these truly amazing structures in miniature, as their large size would preclude them being reproduced in anything smaller than an aircraft hangar, but fortunately we still have the opportunity to examine these structures for real and to marvel at the skills of those who constructed them. 

"Iron bridges became larger and more complex"

EVAN GREEN-HUGHES

Constructed in 1890 the Forth Bridge still stands today and is testament to its engineering and construction. In 1965 a Gresley 'V2' 2-6-2 crosses the Forth Bridge with a Saturday Edinburgh Waverley to Aberdeen express. 



HORNBY MAGAZINE

SHOW GUIDE

FEBRUARY 2012

11 Biggleswade Model Railway Exhibition

Hosts: East Beds Model Railway Society
Location: Stratton School, Eagle Farm Road, Biggleswade, Bedfordshire SG18 8JB
Times: 10.30am-5pm
Prices: Adults £4, Concessions £3, Children £2, Family (2+2) £10.
Website: www.ebmrs.org.uk
Contact: 01626 864942
Features: 12 layouts, trade support, societies, refreshments, free parking and disabled access to all areas except stage in the main hall.

11 Newbury Model Railway Exhibition

Hosts: Newbury Model Railway Club
Location: St Bartholomew's School, Andover Road, Newbury RG14 6NQ
Times: 10am-5pm
Prices: Adults £3.50, Concessions £3, Children £2, Family (2+2) £9. A free entry form for children accompanied by a paying adult can be downloaded from the website
Website: www.newburymrc.co.uk
Contact: 07941 075165
Features: 15 layouts in various gauges, trade support, other railway related exhibitors, refreshments, extensive free parking and disabled access.

11/12 The Festival of British Railway Modelling

Hosts: Wariners Exhibitions with support from Doncaster and District Model Railway Club
Location: Doncaster Exhibition Centre, Doncaster DN2 6BB
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £7/£8, Children £3/£3.50 (first price in each category is for advance purchase tickets)
Website: www.model-railways-live.co.uk
Contact: 01778 391123
Features: 30 layouts in various gauges, trade support, refreshments and disabled access. A free shuttle bus will operate between Doncaster station and the venue on both days.

11/12 Open Weekend - Brandon

Hosts: Thetford and District Model Railway Society
Location: Breckland Middle School, Crown Street, Brandon, Suffolk IP27 0NQ
Times: 10.30am-4.30pm both days
Prices: Free admission
Website: www.tdmrs.co.uk
Contact: 01842 813100
Features: An opportunity to see the club's layouts and some invited guests in an informal atmosphere. The open day is the first in a series of events to celebrate the history of Breckland Middle School which is due to close at the end of the academic year.

11/12 Gartell Light Railway Model Railway Exhibition

Hosts: Gartell Light Railway
Location: Gartell Light Railway, Common Lane, Yenston, near Templecombe, Somerset BA8 0NB
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £4, Concessions £3 (GLR train tickets not included)
Website: www.glr-online.co.uk
Contact: 07970 113270
Features: 10 layouts, trade support, demonstrations, historical displays and refreshments. Train service operating on GLR 2ft gauge railway. In aid of GLR and Cale Rail Society.

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.

18 Gosport Railroad Meet and Mini Exhibition

Hosts: Solent Sub Group of NMRA
Location: St Mary's Parish Centre, Green Road, Alverstoke, Hampshire PO12 2ET
Times: 10am-4pm
Prices: Adults £1, Children 50p
Website: www.freewebs.com/gosportrailroadgroup
Contact: 07766 536481
Features: More than 20 mainly North American theme layouts in various gauges, trade support, club sales, refreshments, free parking and disabled access. Visitors are welcome to bring their own stock to run on the layouts.

18 Milton Keynes Model Railway Exhibition

Hosts: Milton Keynes Model Railway Society
Location: Courtside Sports Hall and Refectory, Milton Keynes College, Bletchley MK3 6DR (opposite Bletchley station)
Times: 10am-4pm
Prices: Adults £4, Concessions/Children £2.50
Website: www.mkmrs.org.uk
Contact: 01908 375226
Features: More than 20 layouts in various gauges, trade support, refreshments, free parking and disabled access. See website for discounts available if travelling via the Marston Vale railway line.

18 Warminster Model Railway and Transport Exhibition

Hosts: Warminster & District Model Railway Group
Location: Warminster Leisure Centre, Woodcock Road, Warminster, Wiltshire BA12 9DQ
Times: 10am-5pm
Prices: Adults £5, Concession £4, Children (under 14) £2, Family (2+2) £12
Contact: 01985 213458
Features: Layouts in various gauges, displays, model road vehicles, free parking, refreshments and disabled access. Free vintage bus service from town centre.

18 RISEX 2012 Model Railway Exhibition

Hosts: Risborough and District Model Railway Club
Location: Community Centre (adjacent to Springs Swimming Pool), Wades Park, Stratton Road, Princes Risborough, Buckinghamshire HP27 9AX
Times: 10am-5pm
Prices: Adults £3, Children £2
Website: www.rdmrc.nildram.co.uk
Contact: 01844 275748
Features: Layouts and demonstrations.

18 Saffron Walden Annual Model Railway Show

Hosts: Saffron Walden Model Railway Club
Location: United Reformed Church and Salvation Army Halls, Abbey Lane, Saffron Walden, Essex CB10 1AG
Times: 10am-4.30pm
Prices: Adults £2.50, Children £1
Contact: 07816 213442
Features: At least eight layouts in various gauges, trade support, refreshments and disabled access. No car parking on site, use nearby Swan Meadow pay and display car park.

18 31st Tonbridge Model Railway Exhibition

Hosts: Tonbridge Model Railway Club
Location: The Angel Centre, Vale Road, Tonbridge, Kent TN9 1SF
Times: 10am-5pm
Prices: Adults £5, Concessions £4, Children (10-16) £1, Accompanied Children under 10 free
Website: www.tonbridgemrc.com

Contact: 07940 161663

Features: Around 25 layouts, trade support, demonstrations and disabled access. Less than ten minutes walk from town centre bus stops and railway station.

18/19 Ebor Model Railway Exhibition

Hosts: Ebor Group of Railway Modellers
Location: Heworth Church Hall, Melrosegate, York YO31 0RP
Times: 10am-4pm both days
Prices: Adults £2, Children £1
Contact: 01904 790373
Features: Layouts in various gauges, trade support, refreshments, no disabled toilets.

18/19 Leicester Model Railway Exhibition

Hosts: Syston Model Railway Society
Location: Sileby Community Centre, High Street, Sileby LE12 7RX
Times: 10am-4.30pm both days
Prices: Adults £3, Concessions £2.50, Accompanied Children free, Family (2+2) £6
Website: www.systonmrs.org.uk
Contact: 0116 260 5760
Features: 12 layouts in various gauges, trade support, tombola, refreshments and free parking.

18/19 20th Annual Watford Finescale Model Railway Exhibition

Hosts: Watford and District Model Railway Club in association with North London Group
Location: Parmiter's School, High Elms Lane, Garston, Watford WD25 0UU
Times: Sat 10.30am-5pm, Sun 10am-4.30pm
Prices: Adults £5, Accompanied Children under 16 free
Website: www.watfordmrc.org.uk
Contact: 01923 440264
Features: 21 layouts in various gauges, trade support, lectures, societies and refreshments.

26 Ilkeston 10th Annual Exhibition

Hosts: Ilkeston (Woodside) Model Railway Club
Location: Trowell Parish Hall, nr Ilkeston NG9 3QA
Times: 10am-4.30pm
Prices: Admission £3, Accompanied Children under 16 free
Contact: 01773 712648
Features: Layouts in various scales, trade support, club stall, refreshments, free parking and disabled access.

24/25/26 Model Rail Scotland

Hosts: Association of Model Railway Societies in Scotland
Location: The Scottish Exhibition and Conference Centre, Glasgow, Scotland
Times: Fri 11am-6pm, Sat 10am-6pm, Sun 10am-5pm
Prices: Adults £9/£10, Children £5/£6, Family (2+2) £24/£25 (first listed prices are in advance)
Website: www.modelrail-scotland.co.uk
Contact: 0870 040 4000 (advance ticket hotline)
Features: 50% bigger for 2012, layouts in various gauges including Hornby Magazine's St Stephens Road, trade support, demonstrations, society stands, refreshments, disabled access and parking on site.

MARCH 2012

3 Abingdon Model Railway Exhibition

Hosts: Abingdon Model Railway Club Ltd
Location: White Horse Leisure and Tennis Centre, Audlett Drive, Abingdon OX14 3PJ
Times: 10am-5pm
Prices: Adults £6, Children £4, Family (2+2) £14 (children must be accompanied by an adult at all times)
Website: www.admrc.org.uk
Contact: 01235 530574
Features: More than 26 layouts, 20 trade stands, demonstrations, societies, refreshments and free parking.

| | |
|------------------|--|
| 2/3/4 | The Northern Model Engineering Exhibition |
| Hosts: | Meridienne Exhibitions |
| Location: | EventCity, next to Trafford Centre, Phoenix Way, Manchester M41 7TB |
| Times: | Fri/Sat 10am-5.30pm, Sun 10am-5pm (last admission one hour prior to closing each day) |
| Prices: | Adults £7/£8, Concessions £6/£7, Children (5-14inc) £2/£3, Family (1+3) £9/£11, Family (2+3) £16/£19 (first listed price is for advance purchase tickets available until 17 February 2012) |
| Website: | www.northernmodellingexhibition.co.uk |
| Contact: | 01926 614101 |
| Features: | Model engineering, industrial heritage, model railways, marine modelling, aircraft, remote control cars, trucks and tanks, trade support. |

| | |
|------------------|--|
| 3/4 | Mansfield Model Railway and Photography Exhibition |
| Hosts: | Mansfield St Peter's Model Railway Group |
| Location: | St Peter's Centre, Church Side, Mansfield NG18 1AP |
| Times: | Sat 10am-5pm, Sun 10am-4pm |
| Prices: | Adults £3.50, Concessions £3, Children £1 |
| Website: | www.mansfieldmodelrailway.co.uk |
| Contact: | 01623 469068 |
| Features: | Eleven layouts in various gauges and eras, trade support, demonstrations and refreshments. |

| | |
|------------------|--|
| 3/4 | Preston Model Railway Exhibition |
| Hosts: | Preston and District Model Railway Society |
| Location: | Sports Hall, Preston College, St Vincents Road, Fulwood, Preston PR2 8UR |
| Times: | 10am-5pm both days |
| Prices: | Adults £6, Children £4, Family (2+2) £15 (see website for details of free child admission) |
| Website: | www.prestonanddistrictmrs.org.uk |
| Contact: | 07775 326204 |
| Features: | 21 layouts, trade support, societies, refreshments, free parking and disabled access. |

| | |
|------------------|--|
| 3/4 | Rainhill Model Rail 2012 |
| Hosts: | Rainhill Model Railway Club |
| Location: | Rainhill Village Hall, Weaver Avenue, Rainhill, Merseyside L35 4LU |
| Times: | Sat 10am-5pm, Sun 10am-4.30pm |
| Prices: | Adults £3.50, Concessions/Children £2.50, Family (2+2) £9.50 |
| Website: | www.rainhillmrc.org.uk |
| Contact: | 01925 226266 |
| Features: | Layouts in various gauges, trade support, club shop, demonstrations, refreshments and disabled access. |

| | |
|------------------|---|
| 3/4 | 33rd Romsey Model Railway Exhibition |
| Hosts: | Romsey and District Railway Modellers Society |
| Location: | Crosfield Hall, Broadwater Road, Romsey SO51 8GL |
| Times: | Sat 10.30am-5pm, Sun 10am-4.30pm |
| Prices: | Adults £3, Children £2, Family (2+2) £8 |
| Website: | www.rdrms.hampshire.org.uk |
| Contact: | 01794 521937 |
| Features: | Around twelve layouts in various gauges, trade support, refreshments, free parking on Sunday and disabled access. |

| | |
|------------------|--|
| 3/4 | Tenterden Model Railway Exhibition |
| Hosts: | North Kent Model Railway Group |
| Location: | Homewood School, Ashford Road, Tenterden, Kent TN30 6LT |
| Times: | Sat 10am-5pm, Sun 10am-4pm |
| Prices: | Adults £4, Concessions £3, Children £2, Family (2+2) £10 |
| Contact: | 07803 229235 |
| Features: | 22 layouts, 16 trade stands, refreshments, free on site parking and disabled access. |

| | |
|------------------|--|
| 10 | Northampton Model Railway Show |
| Hosts: | International Model Railroad Group |
| Location: | Malcolm Arnold Academy, Trinity Avenue, Northampton NN2 6JW |
| Times: | 10am-5pm |
| Prices: | Adults £4, Concessions £3, Family (2+2) £10 |
| Website: | www.northamptonmodelrailwayshow.co.uk |
| Contact: | 01601 415020 |
| Features: | More than 20 layouts from 'Z' to 'G' gauge, trade support, raffle, refreshments, free car parking and disabled access. |

| | |
|------------------|--|
| 10 | Swindon Model Railway Exhibition |
| Hosts: | Swindon Model Railway Club |
| Location: | Gorse Hill Baptist Church, Cricklade Road, Swindon SN2 1AA |
| Times: | 10am-5pm |
| Prices: | Adults £3, Children £2.50, Family (2+3) £10 |
| Contact: | 07880 654755 |

Features: More than 10 layouts in various gauges, trade support, refreshments, free parking nearby and disabled access.

10 Wealden Personal Layout Show

Hosts: Wealden Railway Group
Location: Arundel 1st Scout Hall, Green Lane Close, off Canada Road, Arundel, West Sussex BN18 9HG
Times: 10am-5pm
Prices: Adults £3, Children free admission
Website: www.wealden.weebly.com/index
Contact: 07714 101015

Features: Layouts in various gauges, one trade stand, club sales stand, refreshments, parking at or close to the venue and disabled access.

10/11 Basingstoke Model Railway Exhibition

Hosts: Basingstoke and North Hants Model Railway Society
Location: Aldworth Science College, Western Way (off Brighton Hill roundabout), Basingstoke RG22 6HA
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £5, Concessions £4, Family (2+3) £14
Website: www.bnhrms.hampshire.org.uk
Contact: 07768 728684
Features: 25 layouts, trade support, free parking and disabled access.

10/11 Macclesfield Model Railway Exhibition

Hosts: Macclesfield Model Railway Group
Location: Tytherington High School, Manchester Road, Macclesfield, Cheshire SK10 2EE
Times: 10am-5pm both days
Prices: Adults £5, Concessions £4, Children £2.50
Website: www.macclesfieldmrg.org.uk
Contact: 07594 564220
Features: 13 layouts in various gauges, trade support, demonstrations, club stand, refreshments, free parking and disabled access.

10/11 Merseyside Hobbies Toys and Model Railway Exhibition

Hosts: World of Motion
Location: Pacific Road Arts Centre, Pacific Road, Birkenhead, Merseyside CH41 1LJ
Times: Sat 12noon-4pm, Sun 10.30am-4pm
Prices: Adults £4, Accompanied Children free
Website: www.worldofmotion.co.uk
Contact: 0151 638 3915
Features: Layouts in various gauges, society stands, model boats and aircraft, tram and bus rides by local preservation society and Wirral Transport Museum will be open.

10/11 Nelson Model Railway Exhibition

Hosts: Brierfield Model Railway Club
Location: St Luke's Church, Brierfield, Nelson BB9 5JW
Times: 10am-5pm both days
Prices: Adults £3, Children £1.50
Contact: 07770 331348
Features: Working layouts, trade support, drive-a-train, refreshments and disabled access. Event to raise funds for St Luke's Church, Brierfield.

10/11 West Mercia Model Railway Exhibition 2012

Hosts: Wyre Forest Model Railway Club
Location: Perdiswell Leisure Centre, Biford Road, Worcester WR3 8DX
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £5, Concessions £4, Children £2.50, Family (2+2) £12.50
Website: www.wyreforestmrc.com
Contact: 01562 515152
Features: 18 layouts, trade support, demonstrations, refreshments, free parking and disabled access.

17 Chesham Model Railway Exhibition

Hosts: Chesham Model Railway Club
Location: Elgiva Theatre, St Mary's Way, Chesham, Buckinghamshire HP5 1LL
Times: 10am-5pm
Prices: Adults £3.50, Concessions £3, Children £2.50, Family (2+3) £10
Contact: 01494 782347
Features: 12 layouts, trade support, large club second hand stand, refreshments and disabled access. Close to Chesham underground station and town centre car parks.

17/18 East Grinstead Model Railway Exhibition

Hosts: East Grinstead Model Railway Club
Location: Sackville School, Lewes Road, East Grinstead, West Sussex RH19 3TY

Times: Sat 10am-5.30pm, Sun 10am-4.30pm
Prices: Adults £4.50, Concessions/Children (5-16) £3, Family (2+2) £12.50
Contact: 01342 314228

Features: 14 layouts in various gauges, trade support, refreshments, free parking and disabled access.

17/18 Heywood Model Railway Exhibition

Hosts: Heywood Model Railway Group
Location: Warwick Mill, Oldham Road, Middleton M241AZ
Times: 10am-5pm both days
Prices: Adults £4, Concessions/Children £3, Family £11
Website: www.hmrg.co.uk
Contact: 07732 781989 or 07710 229450
Features: More than 15 layouts in various gauges.

17/18 The Midlands Garden Rail Show

Hosts: Meridienne Exhibitions
Location: Warwickshire Exhibition Centre, nr Leamington Spa CV31 1XN
Times: 10am-4pm both days – last admission one hour before closing
Prices: Adults £6.50, Children accompanied by a paying adult free
Website: www.largescalemodelrail.co.uk
Contact: 01926 614101
Features: Layouts in 'O' gauge, 'G' scale, Gauge 1 and 16mm, trade support and societies.

17/18 Nailsea Model Railway Exhibition 2012

Hosts: Nailsea and District Model Railway Club
Location: Nailsea School, Mizzymead Road, Nailsea, North Somerset BS48 2HN
Times: Sat 10.30am-5.00pm, Sun 10am-4.30pm
Prices: Adults £4.50, Concessions £3.50, Child £2.50, Family £11
Contact: 01934 838444
Features: 20 layouts, trade support, demonstrations, societies, refreshments and disabled access.

17/18 Nottingham East Midlands Model Railway Exhibition

Hosts: Nottingham (Bulwell) Model Railway Society
Location: Harvey Hadden Sports Complex, Bilborough Park, Wigman Road, Bilborough, Nottingham NG8 4PB
Times: Sat 9.30am-5.30pm, Sun 10am-5pm
Prices: Adults £8, Concessions £7, Child £2, Family (2+2) £18
Website: www.nottingham-modelrailway.org.uk
Contact: 0115 939 9097
Features: 26 layouts in all popular gauges, scales and prototypes, trade support, demonstrations and free parking on site.

17/18 Perth Green (Jarrow) Model Railway Exhibition

Hosts: Perth Green Model Railway Club
Location: Perth Green CA, Inverness Road, Jarrow, Tyne and Wear NE32 4AQ
Times: Sat 10am-5.00pm, Sun 10am-4pm
Prices: Adults £4, Concessions £3, Child £2
Website: www.perth-green-mrc.webs.com
Contact: 0191 489 3743
Features: 16 layouts from 'N' to 'O' gauge, trade support, demonstrations, refreshments, free parking and disabled access to all areas except the stage.

24 Tring-Rail 2012

Hosts: Tring and District Model Railway Club
Location: The Red Cross Hall, Town Centre, Tring, Hertfordshire HP23 5AZ
Times: 10.30am-5pm
Prices: Adults £2.50, Child £1.50, Family (2+2) £6
Website: www.tdmrc.co.uk
Contact: 01525 850703
Features: Members and visiting layouts, trade support, preservation societies, refreshments and disabled access. Venue accessible from town centre car parks.

* Entries marked in blue are new to the show guide

PLANNING AN EXHIBITION?

Is your club or society planning a model railway exhibition? *Hornby Magazine's Show Guide* is a free listing which allows you to promote a forthcoming model railway show to the readers. Contact *Hornby Magazine* by calling 01733 270044 or e-mail: show_guide@wildcomms.com please ensure you include appropriate contact details for the public as we are unable to publish the listing without this.

TOY FAIRS

BIG SOUTHERN READING VINTAGE Train Collectors Fair, Rivermead Leisure Centre, Richfield Avenue, Reading, RG1 8EQ Sunday 4th March 2012. 10.30am-3.30pm Adults £3.50, Seniors £3.00, Accompanied children .50p Family ticket 2+2 £7.00 For further details please contact Tony Oakes 01270 841558/01270 652773 Mob: 07825 631323

CANTERBURY, St Anselms School, Old Dover Road, Canterbury, Kent CT1 3EN. SRP Toy Collectors Fair, Saturday 4th March 2012 Set up 8am. 10.30 – 2.00pm Info: Gery 0773 999 8012/01322 662729 srptoy@hotmail.com

NEEDHAM MARKET TOY AND TRAIN FAIR. Needham Market Community Centre, Suffolk IP6 8BB Sunday 4th March Sunday 10.30am – 3.00pm Adults £1 Children Free. Refreshments available. Organised by Stowmarket Railway Club. Tel: Contact: 07766 365282 www.stowrailclub.org

RUGBY EVENING TOY & TRAIN COLLECTORS FAIR. Tuesday 6th March 2011 80 Stalls The Benn Hall, Newbold Road, Rugby, Warwickshire, CV21 2LN. 7pm - 9pm Adults £1.50 Seniors £1.20 Children £1.00 www.bpfairs.com Tel: 01604 846688

STAFFORD SHOWGROUND TOY & TRAIN COLLECTORS FAIR. The Prestwood Suite, Stafford Showground, Weston Road, Stafford ST18 0BD Sunday 11th March 10.30am – 3.30pm 230 stalls Adults £3 Seniors £2.50 Children £1 www.bpfairs.com Tel 01604 846688

ASHFIELD TOY AND TRAIN FAIR, Festival Hall, Kirkby in Ashfield, Nottingham NG17 7DJ Sunday 11th March 2012 10-3 Good access, refreshments, free parking. Contact Malc: 07951 072790.

STOKE ON TRENT TOY AND TRAIN COLLECTORS FAIR, Fenton Community Centre, Manor Street, Fenton, Stoke on Trent ST4 2PT Saturday 17th March 2012. 10.30am – 2.00pm Adults £1.00 For further details please contact Tony Oakes 01270 841558/01270 652773 Mob: 07825 631323

RAYLEIGH, Sweeney Park School, Sir Walter Raleigh Drive, Rayleigh, Essex, SS6 9BZ. SRP Toy Collectors Fair, Sunday 18th March 2012 Set up 7am. 10.00 – 2.00pm Info: Gery 0773 999 8012/01322 662729 srptoy@hotmail.com

ST. ALBANS TOY & TRAIN COLLECTORS' FAIR, Friday 23rd March Francis Bacon Maths and Computing College, Drakes Drive, St. Albans, Hertfordshire.. AL1 5AR 1900-2100. Adults £1.20, children under 18 FREE. Up to 80 tables. The largest evening toyfair! To hire table: Ian Shave 01929 480103 www.3countiestoyfairs.com

DERBY (Trains only) COLLECTORS FAIR, Mickleover Community Centre, Uttoxeter Road, Mickleover, Derby DE3 0DA Saturday 24th March 2012 10.30am – 1.30pm Adults £1.00 For further details please contact Tony Oakes 01270 841558/01270 652773 Mob: 07825 631323

ORPINGTON, Crofton Halls, Station Road, Orpington, Kent BR6 8PR. SRP Toy Collectors Fair, Saturday 24th March 2012 Set up 8am. 10.30 – 2.00pm Info: Gery 0773 999 8012/01322 662729 srptoy@hotmail.com

BURTON-UPON-TRENT TOY AND TRAIN FAIR, Town Hall, DE14 2EB, Wednesday 28th March 2012. 6.30pm -9 pm. Always a good selection of rail and diecast. Contact Malc 07951 072790.

HAYWARD HEATH, Clair Hall, Perrymount Road, Haywards Heath, West Sussex. RH16 3DN. SRP Toy Collectors Fair, Saturday 31st March 2012 Set up 8am. 10.30 – 2.00pm Info: Gery 0773 999 8012/01322 662729 srptoy@hotmail.com

EPSOM & EWELL TRANSPORT FAIR Bourne Hall, Spring Street, Ewell, KT17 1UF. Saturday 14th April 2012. 10.00am - 3.30pm. Admission £2.00. Contact Julian Bowden 07932 812268

MODEL SHOPS

CARLISLE, C & M MODELS, 1 Crosby Street, opposite former GPO, in Warwick Road. New and secondhand model railways, including European HO, Collectors items. Tel: 01228 514689

FOR SALE/WANTED

Ian Allan ABCs always required plus Modern Traction and Bus books. Atter, 20 Gillett Lane, Rothwell, Leeds. LS26 0EG Tel: 0113 282 4986



DART CASTINGS
Monty's Model Railways
MJT
scale components

Scenic Accessories & Highly Detailed Figures. A vast range of rolling stock components from buffers & springs to etched sides and GWR kits.



Suffolk Punch, Rocker & Bus Crew

www.dartcastings.com
DART CASTINGS, 17 HURST CLOSE,
STAPLEHURST, KENT, TN12 0BX

HOBBYRAIL

SUTTON COLDFIELD

HORNBY, BACHMANN, FARISH,
PECO, HELJAN, DAPOL,
GAUGEMASTER, RATIO, WILLS,
PARKSIDE, KESTREL,
SUPERQUICK, METCALFE, SCENIX,
KNIGHTWING, COOPER CRAFT,
HARBURN HAMLET, SKALEDALE,
WOODLAND SCENICS, ETC
DECODER FITTING SERVICE

OPENING HOURS
MON, TUES WED, FRI - 10.30am - 5.30pm
SATURDAY 10am - 5pm
CLOSED THURSDAYS, SUNDAYS
& BANK HOLIDAYS

55 RILAND ROAD, SUTTON COLDFIELD
WEST MIDLANDS TEL: 0121 378 0680

Rhyl Model Railways

44 Wellington Road, Rhyl, LL18 1BN
01745 798460

Working Layouts
"N" Oval over 10ft
"OO" Digital over 33ft

Open 10am - 5pm
Monday to Saturday

model-railways-rhyl.co.uk

Mike Pett's Supercast OO Model Railway Figures



Station Flower Seller, Guard/Signalman £1.75 each Set of 2 £3.00
Hand Painted figures £4.50 each

All items plus P&P £1.75
Website: www.modelrailwayfigures00.co.uk (zerozero)
12 Chatham Street, Ramsgate, Kent, CT1 7PP
Tel: 01843 593417
Mobile: 07976 724225
Email: mikepettphotos@btconnect.com

M.A.R.C. MODELS
SR/BR General Manager Saloon No 975025
RTR or kit form see website for details
SR/BR Cinema coach and generator van - pictures and prices on the website

www.marcmodels.co.uk
0208 440 5918

BRICKYARD MODELS
MODEL RAILWAYS BOUGHT AND SOLD
• RESPRAYS AND RENUMBERING,
LOCOS, COACHES, WAGONS
• WEATHERING
• REPAIRS AND SPARES
Tel: 01636 689963
Mobile: 07967 956683
WE ALSO STOCK A WIDE RANGE OF TRACTORS & FARM IMPLEMENTS

Model Railway Doctor
Model Railway Repair Specialist
Most Makes Undertaken
DCC Specialist
Why not visit the website for more information
www.modelrailwaydoctor.co.uk
or tel: 020 8907 7662



PAIGNTON MODEL SHOP

Stockist of:
Hornby, Bachmann, Peco, Woodland Scenics, Metcalfe, Superquick, Airfix, Sealextric, Ratio, Wills & Scenrama
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

TRACKS AND WATER RAILWAY SCENICS AND BOATS

www.tracksandwater.com
www.sarik-vacform.com

TEL: 0117 960 5402
safe paypal payments on website or cheque

GEOFF GAMBLE BOOKS

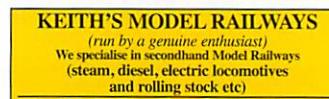
Railway book specialist covering UK and overseas prototypes, also modelling, bus, tram and shipping books.

Visit www.geoffgamblebooks.co.uk for further details On-line ordering on www.rail-books.co.uk Tel: 01293 406137



CM Model Signals

www.modellsignals.co.uk
SIGNALS - ECKON BERKO TRAINTRONICS RATIO DCC AUTOMATIC CONTROL & BLOCK OCCUPANCY KITS PARKSIDE DUNDAS DAPOL COOPER CRAFT DORNAPLAS NOCH FALLER SEEP PM's DCC SUPERQUICK CARD MODEL KITS - W & T SMITH Tel: 01588 660 580 7 days a week Modeltrainsuk at Cravenmodels of Shropshire



KEITH'S MODEL RAILWAYS
(run by a genuine enthusiast)
We specialise in secondhand Model Railways (steam, diesel, electric locomotives and rolling stock etc)
We BUY, sell and exchange
Any gauge, any condition, servicing and repairs
Telephone: 0116 277 8634



www.heki.co.uk
www.sommerfeldt.co.uk
Safe & Secure sites
Tel 01702 204210
or use the websites

To Advertise in

HORNBY
magazine

call the Sales Team on
01780 484634

STATION SIGNS

You choose the name and we make the signs
BR 'Totems', SR Targets, nameboards, destination boards & poster boards. BR regional colours of the 1950s/60s
www.stationsigns.co.uk admin@stationsigns.co.uk
Telephone 07749 993164



HATTON'S MODEL RAILWAYS

364 - 368 SMITHDOWN ROAD, LIVERPOOL, L15 5AN

TEL: 0151 - 733 3655 FAX: 0151 - 734 4040

INFO@EHATTONS.COM

All shown items in stock when advert created
Prices valid until 08/03/12 errors excepted

2012/13 CATALOGUES AVAILABLE TO PRE-ORDER



Bachmann's Branchline 2012/13 and Graham Farish 2012/13 are available to pre-order now at Hatton's.

36-2012 Branchline 2012/13 £5.50

370-012 Graham Farish 2012/13 £5



BARGAINS & TOP SELLERS



31-117DC Standard 4MT 4-6-0 75074 in BR lined black with early emblem BARGAIN £67



31-175 Jubilee 4-6-0 45611 'Hong Kong' in BR green with early emblem BARGAIN £69



R3000 Thompson Class B1 4-6-0 'Sir Harold Mitchell' in BR black with late crest £96



D1000d Class 22 B-B Diesel Hydraulic D6319 in BR green with small yellow panel & split headcode box £125

VISIT OUR PREMIER WEBSITE
WWW.EHATTONS.COM



THIS ADVERT CONTAINS

BACHMANN
BASE TOYS
BRITBUS
CORGİ COLLECTABLES
CREATIVE MASTER NORTHCORD
DAPOL
EXCLUSIVE FIRST EDITIONS
GRAHAM FARISH
HELJAN
HORNBY
OXFORD DIECAST
POCKETBOND
PECO
VI TRAINS
AND OTHERS IN VARIOUS SCALES

HATTON'S EXCLUSIVE LIMITED EDITIONS



PRE-ORDER

10001HAP BR Brunswick green with orange, black & orange lining. Aug 1956 - Oct 1957. Due February 2012 £124



PRE-ORDER

266208 Beyer Garratt 2-6-0 0-6-2 47996 with BR early emblems on cabsides. Heavily weathered. 1949-1956. Due Christmas 2012 £199

UK P&P £4 PER ORDER

£2 P&P FOR SINGLE DIECAST ITEM

Next Day Delivery £7 (Orders before 2pm)

9000+ ITEMS
AVAILABLE ON
WWW.EHATTONS.COM

OPENING HOURS

8AM TO 6PM - MON TO SAT
10AM TO 4PM - SUNDAY





Established 1946

N Gauge

Bachmann UK - DCC loco decoders



36-558 6-pin 2 function decoder (suitable for 00 and N Gauge Locos) £14

Base Toys

Commercial & Public Services

N002 Albion CX7 flatbed 'BRS Argyl Group' (circa 1949 - 1959) NEW £5

N005 Albion CX7 flatbed 'James Spencer' (circa 1954 - 1964) NEW £5



N004 Foden DG flatbed 'BRS Bouts Tillotson' (circa 1945 - 1955) NEW £5

N006 Leyland FG van 'Kosset Carpets' (circa 1965 - 1975) £5

Dapol - Steam locos

ND095 Britannia Pacific 4-6-2 70030 'William Wordsworth' in British Railways Green late crest. £96

ND095c Britannia Pacific 4-6-2 70038 'Robin Hood' in British Railways Green early crest. £96

ND120 Class B1 4-6-0 '1234' LNER Green (list £109.95) BARGAIN £69

ND120B Class B1 4-6-0 61097 BR Black early crest (list £109.95) BARGAIN £69

ND079 Class B17 4-6-0 2863 'Everton' LNER Apple Green. £85

ND079e Class B17 4-6-0 61655 'Middlesbrough' BR Green late crest (not early as listed elsewhere) £85

ND135C Hall class 4-6-0 6110 'Goslington Hall' BR lined black early emblem. £85

ND100m Terrier Tank 0-6-0 'Martello' Stroudley Liver. £54

Diesel locos

ND201A Class 56 60953 Freightliner (powered). Revised WIPAC lighting £68

ND145C Class 26 #26038 Red Stripe R'freight Grey 'Scottie Dog' £76

ND201E Class 66 diesel GBRF Euro "Childrens" NEW £69

ND201C Class 66 diesel in EWS Powered £70

ND201D Class 66 diesel 66729 in GBRF Europeo "Derby County" £69

ND127 Class 66 Freightliner 66527 - unpowered dummy. £24

ND200A Class 67 # 67018 'Keith Heller' DB Schenker Red (PwD) £85

ND101h Class 67 Diesel 67002 EWS Liver. £83

ND101j Class 67 Diesel 67030 EWS Liver. £83

ND000BR Class 73 Electro Diesel E6005 in BR Blue. £89

Electric locos

ND099K Class 86 Bo-Bo Electric 86415 Triple Grey 'Distribution Sector' new style pantograph. £84

DMU's

ND119a Class 121 Bubble Car BR Green 'Whiskers' 55023 (was originally announced as 55032) (Unpowered Dummy) £40

ND119d Class 121 Bubblecar Network South East 55028 Unpowered dummy. £40

ND114d Class 153 DMU 153332 in Northern Rail (motorised) £40

ND114e Class 153 DMU 153334 London Midland (motorised) (list £107) BARGAIN £56

ND112b Class 156 2 car DMU 156416 Regional Railways £85

HST Trainpacks

ND122c Class 43 HST book pack (253028) 43056 (powered) 43057 (dummy) FO MkIII and SO MkIII in InterCity Executive (list £159.95) BARGAIN £104

ND122d Class 43 HST book pack 43057 (powered) and 43057 (dummy) FO MkIII and SO MkIII in Virgin (list £159.95) BARGAIN £104

ND122f Class 43 HST Book Set in First Great Western Liver. £128

ND122e Class 43 HST Book Set Grand Central Liver (new version DVT Power Cars) £128

Coaches

NC211B Gresley brake coach in LNER teak. £18

NC208B Gresley first class coach in LNER teak. £18

NC209B Gresley third class coach in LNER teak. £18

Wagons

NB115A 6 wheel milk tanker 173 Co-Op Milk. £11

NB115D 6 wheel milk tanker 27 LMS NEW. £11



371-675 Class 220 001 4 car 'Maiden Voyager' in Virgin Trains £88



371-678 Class 220 4 car Voyager DMU in 'Cross Country' (list £148.65) BARGAIN. £99
EMU's



372-677 4 CEP class 411 4 Car EMU in BR Blue & Grey. £124

Coaches

374-270A Mk1 57ft Suburban Crimson. £13

374-186A Mk1 BSK Brake Second Corridor (SR) Green (Blue Riband). £16

374-185A Mk1 BSK Brake Second Corridor Crimson & Cream (Blue Riband). £16

374-254A Mk1 CK Composite Corridor Blue & Grey (Blue Riband). £16

374-254A Mk1 CK Composite Corridor Crimson & Cream (Blue Riband). £16

374-153A Mk1 First Corridor Maroon. £13

374-062A Mk1 SK Second Corridor Blue & Grey (Blue Riband). £16

374-061A Mk1 SK Second Corridor Coach BR Maroon (Blue Riband). £16

374-012A Mk1 SO Second Open Maroon (Blue Riband). £16

374-827 Stanier 2nd class brake in BR Maroon M7895M. £14

374-852A Stanier Vestibule Composite BR Maroon M9755M. (list £16.60) BARGAIN. £13

374-847 Stanier Vestibule First Corridor BR Maroon M1062M. (list £16.60) BARGAIN. £13

374-841A Stanier Vestibule Second BR Crimson & Cream. (list £16.60) BARGAIN. £13

374-842 Stanier Vestibule Second BR Maroon M943M. (list £16.60) BARGAIN. £13

Wagons

373-55B 100 Ton Bogie Tank Wagon BR Black Weathered. £11

373-850B 102 tonne HTA bulk coal hopper wagon EWS. £18

377-577 102 Tonne HYA Bulk Coal Hopper Wagon GBRF 'Coal'. (list £23.35) BARGAIN. £14

377-578A 102 Tonne HYA Bulk coal hopper wagon in GBRF grey (list £23.35) BARGAIN. £14

377-576A 102 Tonne IIA Bulk Coal Hopper Wagon Fastline. (list £22.85) BARGAIN. £14

377-577A 102 Ton BR Planked Ventilated Van BR Bauxite (Early) £59.50. BARGAIN. £5

377-628A 12 Ton BR Planked Ventilated Van BR Bauxite (Late) (list £6.50) BARGAIN. £5

377-678A 14 Ton Tank Wagon 'Shell BP'. £5

377-525A 20 Ton brake van BR bauxite. £7

377-828 22 Ton Presflo Bulk Powder Wagon 'Cement Marketing Board - Snowcrete' Light Grey. £8

377-827 Pack of 4 22 Ton Presflo Bulk Powder Wagon 'Blue Circle Bulk Cement' Brown. (list £38.40) BARGAIN. £30

373-900D 46 tonne HAA Hopper Freight Brown. £30

377-827 Single. £5

377-225Z 6 X BR grey 15 Ton weathered steel mineral wagons end door & different run no. Ltd ed of 500 £37.50

377-600 80 Tonne BDA bogie bolster wagon 'Loadhaul'. £14

377-600 Pack of 4. £55

377-600 Megapack of 8. £108

377-625 BR Fruit van - BR Bauxite Early. £7

377-626 BR Fruit van - BR Bauxite Late. £5

377-626 Pack of 4 (list £34) BARGAIN. £23

377-925 PCA Metalair Bulk Powder Wagon 'ARC' yellow. (list £9.70) BARGAIN. £5

377-926 PCA Metalair Bulk Powder Wagon 'Blue Circle Cement'. (list £9.70) BARGAIN. £5

377-727 SPA Wagon Steel Coils EWS. £14

377-727 Pack of 4 (list £59.80) BARGAIN. £46

377-725 SPA Wagon Steel Coils Railfreight Red. £15

377-725 Pack of 4 (list £59.80) BARGAIN. £46

377-840 Triple pack 22 Ton presflo wagons BR bauxite early - weathered. £25

373-270 Triple pack 8 Ton cattle wagons BR bauxite early - weathered. £22

370-255 Collyer Classic Freight set Class 14 in NCB & 3 coal wagons. £70

370-025A Complete 6-0 LMS starter steam train set 3 wagons. £48

Train sets - analogue control

371-431 Class 170 2-car DMU in 'Cross Country' £75

Train sets - DCC control

370-060 Digital Commuter set 2 tone green Class 24 and 2 Maroon Mk1 coaches. £120

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

371-431 Class 170 2-car DMU in 'Cross Country' £75

364-368 SMITHDOWN ROAD, LIVERPOOL, L15 5AN

TEL: 0151 - 733 3655 FAX: 0151 - 734 4040

INFO@HATTONS.COM

UK POSTAGE £4 PER ORDER

All items actually in stock when advert created



Buses

| | |
|--|------------|
| 379-593 Bristol Lodekka "Western" | £6 |
| 379-591 Bristol Lodekka Eastern National | £6 |
| 379-532 Bristol RELH Royal Blue | £6 |
| 379-503 Bristol VRT United | £6 |
| 379-500 Bristol VRT Western National | £6 |
| 379-515 Harrington Cavalier Trent | £6 |
| 379-516 Leyland National United Counties | £6 |
| Buildings & structures. Non-railway | £6 |
| 42-074 Bus Depot | £34 |
| 42-204 Low Relief Bonded Warehouse NEW | £20 |
| 42-206 Low Relief Coach Pub NEW | £20 |
| 42-207 Low Relief Corner Store NEW | £12 |
| 42-004 Provender store BR type | £12 |
| Buildings & structures. Railway-related | £12 |
| 42-064 Art Deco Signal Box | £18 |
| 42-066 Art Deco Station Building | £37 |
| 42-087 Bluebell Waiting Room NEW | £35 |

NEW



42-073 Suburban Station Building **NEW** £20

Wheel Sets

| | |
|---------------------------------------|----|
| 379-412 Pack of 10 axles coach wheels | £5 |
|---------------------------------------|----|

Hornby

| | |
|--|-----------|
| Buildings & structures. Railway-related | £5 |
| N8018 Cotswold Stone Walls - Pack 2 | £5 |

| | |
|--|-------|
| N8030 Wooden standing garage - Lydney End Village & Town range | £3.50 |
|--|-------|

Oxford Diecast Ltd - Cars

| | |
|---|-------|
| NJAG9002 Jaguar MKIX Black Sherwood Green NEW | £3 |
| NJAG9001 Jaguar MKIX Cream/Imperial Maroon NEW | £2.50 |

Buses

| | |
|--|-------|
| NRF006 AEC RF London Transport (late 70s) NEW | £5 |
| NRM013 Routemaster bus Bow Centenary NEW | £4.50 |

Commercial & Public Services

| | |
|--|----|
| NLAN18006 Land Rover Series 1 88" Hard Top Post Office Telephones NEW | £3 |
|--|----|

Peco - Wagons

| | |
|--|----|
| NR44FB BR Butterley steel coal wagon in bauxite. Weathered | £7 |
|--|----|

| | |
|--|------------|
| Buildings & structures. Railway-related | £12 |
| NB-55 Turntable Kit, well type, deck length 151mm | £12 |

| | |
|--|------------|
| Spares, repairs, couplings, maintenance | £12 |
|--|------------|

| | |
|--|-------|
| SL-311 Insulated Rail Joiners Fishplates for N & 009 gauge (12 per pack) | £1.50 |
| SL-310 Rail Joiners/Fishplates for N & 009 gauge (24 per pack) | £1.50 |

Setrack Code 80

| | |
|-----------------------------|-------|
| ST-9 2 Power Clips | £2 |
| ST-11 Double straight track | £1.10 |

| | |
|---|-------|
| ST-10 N Setrack No. 4 radius double curve | £2 |
| ST-11 N Setrack No. 3 radius double curve (8 form a circle) | £1.75 |

| | |
|-------------------------------|-------|
| ST-12 N 1 radius double curve | £1.20 |
| ST-3 N 1 radius single curve | £1 |

| | |
|-------------------------------|-------|
| ST-15 N 2 radius double curve | £1.25 |
| ST-8 Setrack Buffer Stop | £1.25 |

| | |
|--|----|
| ST-6 Setrack left hand point insulfrog | £8 |
|--|----|

| | |
|---|----|
| ST-5 Setrack right hand point insulfrog | £8 |
|---|----|

| | |
|------------------------------|----|
| ST-1 Standard straight track | £1 |
|------------------------------|----|

| | |
|-------------------------------------|--------------|
| Streamline Code 55 Finescale | £2.90 |
|-------------------------------------|--------------|

| | |
|--|-------|
| SL-300F 1 yard (91.5cm) length of Finescale Nickel Silver flexible track | £2.90 |
|--|-------|

| | |
|--------------------|-----|
| SL-300P Pack of 30 | £68 |
|--------------------|-----|

| | |
|--|----|
| SL-302F 1 Yard of Nickel Silver Flexible Track Concrete Sleepers | £3 |
|--|----|

| | |
|--------------------|-----|
| SL-302P Pack of 30 | £78 |
|--------------------|-----|

| | |
|----------------------------------|-----|
| SL-E399F 3-way finescale turnout | £26 |
|----------------------------------|-----|

| | |
|---|-------|
| SL-E387F Finescale curved double radius left hand point electrofrog | £9.50 |
|---|-------|

| | |
|--|-------|
| SL-E386F Finescale curved double radius right hand point electrofrog | £9.50 |
|--|-------|

| | |
|--|-----|
| SL-E390F Finescale double slip electrofrog | £31 |
|--|-----|

| | |
|---|-------|
| SL-E395F Finescale double slip insulfrog (finescale only) | £9.50 |
|---|-------|

| | |
|---|-------|
| SL-E398F Finescale left hand long point electrofrog | £8.50 |
|---|-------|

| | |
|---|-------|
| SL-E396F Finescale left hand medium point electrofrog | £8.50 |
|---|-------|

| | |
|--|-------|
| SL-E397F Finescale right hand long point electrofrog | £8.50 |
|--|-------|

| | |
|---|-------|
| SL-E391F Finescale right hand small point electrofrog | £5.20 |
|---|-------|

| | |
|--|-----|
| SL-E397F Finescale Y Point electrofrog | £10 |
|--|-----|

| | |
|-------------------------------------|--------------|
| Streamline Code 80 Universal | £2.70 |
|-------------------------------------|--------------|

| | |
|-------------------|-----|
| SL-302 Pack of 25 | £53 |
|-------------------|-----|

| | |
|--|-------|
| SL-300 1 yard (91.5cm) length of Wooden-Sleeper Nickel Silver Flexible track | £2.60 |
|--|-------|

| | |
|--|----|
| SL-309 Left hand large point electrofrog | £9 |
|--|----|

| | |
|---|----|
| SL-308 Left hand medium point electrofrog | £9 |
|---|----|

| | |
|---|----|
| SL-308 Right hand large point electrofrog | £9 |
|---|----|

| | |
|--|----|
| SL-305 Right hand medium point insulfrog | £8 |
|--|----|

| | |
|--|----|
| SL-307 Right hand medium point insulfrog | £8 |
|--|----|

| | |
|--|----|
| SL-307 Left hand large point insulfrog | £8 |
|--|----|

| | |
|---|----|
| SL-307 Left hand medium point insulfrog | £8 |
|---|----|

| | |
|--|----|
| SL-307 Left hand small point insulfrog | £8 |
|--|----|

| | |
|------------------------------------|----|
| SL-307 Left hand Y point insulfrog | £8 |
|------------------------------------|----|

| | |
|--|-----|
| SL-302 3F Powder Jinty 47500 0-8-0 tank in BR black late crest | £53 |
|--|-----|

OO Gauge

Bachmann UK - Steam locos

| | |
|--|-----|
| 32-181 Crab 2-6-0 Mogul 13000 & tender in LMS crimson as preserved | £53 |
|--|-----|

32-875DC Fairburn 2-6-4 tank 42065 BR lined black early emblem (DCC On Board) £90

31-001Z Robinson H0/0 class 04-2-0-0 50748 (shod side) in BR basic late crest (weathered). Ltd Edition of 512 (list £143.72) **BARGAIN £119**

31-010 S & DJR Class 7F 2-8-0 53806 in BR Black early emblem £107

31-479 G2A (Super D) 0-8-0 49094 & tender (no back cab) in BR black late crest. Weathered. £86

31-476 G2A Class 0-8-0 Locomotive 49402 BR Black early emblem. £75

31-011 S & DJR Class 7F 2-8-0 53809 in BR Black late crest. £75

31-115 Standard 4MT 4-6-0 75027 single chimney in BR lined green late crest BR2 tender (weathered) (list £110.90) **BARGAIN £64**

31-129 GWR 3000 Rod Great Western Green. £129.95

31-128 Standard 4MT 4-6-0 75028 single chimney in BR lined black late crest BR2 tender (list £105.60) **BARGAIN £64**

31-118 Standard 4MT 4-6-0 75033 single chimney loco in BR lined black late crest and BR2 tender (list £105.60) **BARGAIN £64**

31-117 Standard 4MT 4-6-0 75034 single chimney in BR lined black late crest and BR2 tender (list £120) **BARGAIN £67**

Diesel locos

31-362 Class 03 diesel shunter 0045 BR blue wasp stripes and air tanks. £51

31-363 Class 03 diesel shunter 03162 in BR blue air tanks. £51

32-029A Class 20 diesel 20090 Railfreight indicator discs. £52

32-030 Class 20 diesel 20128 in BR blue indicator discs (weathered) £52

32-035A Class 20 diesel 20136 in BR blue domino head code. £57

32-043DS Class 20 diesel D5138 BR green centre head code (DCC Sound). £145

32-430B Class 24 diesel D5061 in BR Plain Green. £52

31-175 Jubilee 4-6-0 45611 'Hong Kong' BR green early emblem & 4000-gallon riveted tender (DCC Sound on board). £69

31-178DC Jubilee class 4-6-0 45559 'Drake' in BR lined green late crest and 4000 gal riveted tender (DCC Sound on board). £94

32-429DS Class 24/1 Bo-Bo diesel D5183 in BR green small yellow panel (DCC Sound). £129

32-330DS Class 25/1 Bo-Bo diesel D5183 in BR green (DCC Sound). £144

32-329 Class 25/2 Bo-Bo diesel 25231 in BR blue weathered. £55

32-328 Class 25/2 Bo-Bo diesel 25231 BR plain green small yellow panel. £55

31-210 Patriot class 4-6-0 45503 'The Royal Leicestershire Regiment' in BR green early crest. £89

364 - 368 SMITHDOWN ROAD, LIVERPOOL, L15 5AN

TEL: 0151 - 733 3655

INFO@EHATTONS.COM



OUR PREMIER WEB SITE

WWW.EHATTONS.COM

9000+ ITEMS AVAILABLE
WITH LIVE STOCK INFORMATION



32-377DS Class 37/4 diesel 37417 "Highland Region" in BR Large logo blue (DCC Sound). £155



32-734 Class 66 diesel 66152 in DB Schenker (EWS). £69



32-388 Class 37/4 diesel 37427 "Bont Y Bermo" in BR Large logo blue. Weathered. £77

32-383 Class 37/4 diesel 37428 David Lloyd George Railfreight Petroleum Sector. £64



32-735 Class 66 diesel 66209 in EWS weathered. £89



32-387 Class 37/5 diesel 37506 in Railfreight Red Stripe flush front. £61



32-728DS Class 66 diesel 66546 in Freightliner (DCC Sound). £164

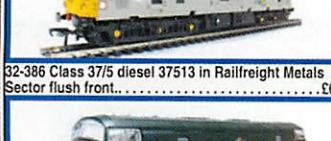


32-976DC Class 66 diesel 66412 DRS (DCC on board). £86

32-978 Class 66 diesel 66725 "Sunderland AFC" First GBP (21-pin plug). £69

31-586 Class 70 PowerHaul diesel 70003 in new Freightliner green. £79

31-585 Class 70 PowerHaul diesel 70005 in new Freightliner green. £76



32-386 Class 37/5 diesel 37513 in Railfreight Metals Sector flush front. £61



31-325DC Class 105 2 Car Cravens DMU in BR blue full yellow ends (DCC on Board). NEW. £97

31-325 Class 105 2 car Cravens DMU BR blue yellow ends. Norwich (Lowestoft). £84

31-327 Class 105 2 car Cravens DMU BR green half yellow ends. Harwich/Manningtree. £79



32-052A Class 42 Warship diesel D823 "Hermes" in BR plain green late crest. £59

32-050DC Class 42 Warship diesel D827 "Kelly" BR Blue (DCC On Board). £70

32-051DC Class 42 Warship diesel D867 "Zenith" BR green late crest (DCC On Board). £70

32-652DS Class 44 Peat diesel 44005 "Cross Fell" BR Blue (DCC Sound). £61

32-677A Class 45 diesel 45120 in BR Blue split head code boxes. £58

32-679DS Class 45 diesel D27 BR green split head code & small yellow panel (DCC Sound). £160

32-703 Class 46 diesel D168 in BR blue Weathered. £72

31-652 Class 47 diesel 47474 "Sir Rowland Hill" in Parcels red & grey. £76

31-650 Class 47 diesel 47535 "University Of Leicester" BR blue large logo. £76



32-804 Class 47 diesel D1572 in BR two tone green. £71



31-326 Class 105 2 car Cravens DMU in BR green speed whiskers. Kings Cross/Welwyn Garden. £72



32-526DS Class 55 Deltic diesel 55018 "Ballymoss" in BR blue (DCC Sound). £155



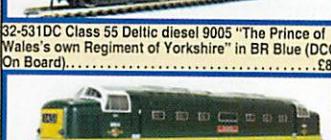
31-535 Class 105 Cravens 2 Car DMU in BR blue full yellow ends (Power Twin Unit). NEW. £89



32-531DC Class 55 Deltic diesel 9005 "The Prince of Wales's own Regiment of Yorkshire" in BR Blue (DCC On Board). £89



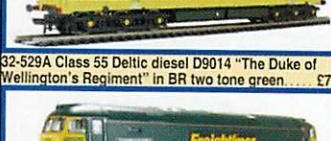
31-537 Class 105 Cravens 2 Car DMU in BR green half yellow ends (Power Twin Unit). NEW. £89



32-529A Class 55 Deltic diesel D9014 "The Duke of Wellington's Regiment" in BR two tone green. £73



31-536 Class 105 Cravens 2 Car DMU in BR green speed whiskers (Power Twin Unit). NEW. £89



32-750DS Class 57/0 diesel 57003 "Freightliner Evolution" in Freightliner (DCC Sound). £161

32-752 Class 57/6 diesel 57602 First Great Western. £74

32-779 Class 57/6 diesel 57602 First Great Western. £59

32-779 Class 57/6 diesel 57602 First Great Western. £74



32-900B Class 108 2 Car DMU BR Green With Speed Whiskers (with 8-pin DCC socket). Destination - Hitchin/Bedford. £72



32-903 Class 108 2 car DMU in BR/Greater Manchester PTE white & blue. Chester/ Manchester (list £99.95). BARGAIN. £58



32-926 Class 150/1 2 car DMU "Centro". Dorridge/ Snow Hill (list £98.95). BARGAIN. £62



32-925 Class 150/1 2 car DMU "First North Western". Preston/ Blackpool (list £98.95). BARGAIN. £64



32-925Z Class 150/1 2 car DMU "Original Provincial". Limited edition NEW. £95



31-375 Class 416 2 car EPB EMU in BR blue (with corrected running numbers). £85



31-376 Class 416 2 car EPB EMU in BR green. £84

Coaches

34-328 50ft Parcels in BR blue. £17

34-328 Pack of 4 (list £84). BARGAIN. £58

34-327D 50ft Parcels van in LMS crimson. £18

34-327D Pack of 4 (list £84). BARGAIN. £65

34-252D 57ft Corridor 1st/3rd composite coach in LMS crimson. £18

34-251D 57ft Corridor 1st/3rd composite coach in LMS crimson. £18

34-226D 57ft Corridor brake end 3rd coach in LMS Crimson. £18

34-228C BR Mk1 BCK Brake Composite Corridor (SR) Green. £22

34-226D BR Mk1 BCK Brake Composite Corridor in Crimson & Cream. £22

34-226D BR Mk1 BCK Brake Composite Corridor in Maroon weathered. £23

34-177E BR Mk1 BG Full Brake in Maroon weathered. £23

34-176E BR Mk1 BG Full Brake in Maroon weathered. £23

34-078E BR Mk1 BSK Brake 2nd Corridor in (SR) Green. £22

34-080E BR Mk1 BSK brake 2nd corridor Intercity executive (list £25.95). BARGAIN. £14

34-080E Pack of 4 (list £103.80). BARGAIN. £41

34-075C BR Mk1 BSK Brake Second Corridor Blue & Grey. £20

34-075C BR Mk1 BSK Brake Second Corridor Maroon. £20

34-321 BR Mk1 POS Pullman bar 2nd coach in blue/grey (with lighting). £26

34-321 BR Mk1 POS Pullman bar 1st coach in blue/grey (with lighting). £22

34-125C BR Mk1 CK Composite Corridor Blue & Grey. BARGAIN. £19

34-127C BR Mk1 CK Composite Corridor Crimson & Cream. £19

34-128C BR Mk1 CK Composite Corridor in (SR) Green. £22

34-128C BR Mk1 CK Composite Corridor Chocolate & Cream. £22

34-126C BR Mk1 CK Composite Corridor in Maroon weathered. £23

34-151E BR Mk1 FX 1st Class Corridor in Maroon weathered. £23

34-156 BR Mk1 FK corridor 1st Regional Railways (list £25.95). BARGAIN. £12

34-280B BR Mk1 FK Pullman Kitchen 1st Umber & Cream Falcon (With Lighting). £26

34-269 BR Mk1 FP Pullman parlour 1st coach in blue/grey (with lighting). £22

34-273A BR Mk1 GUV (SR) Green. £20

34-273A Pack of 4 (list £103.80). BARGAIN. £69

34-271C BR Mk1 GUV in Maroon. Weathered. £21

34-271C Pack of 4 (list £112.40). BARGAIN. £80

34-271C Megapack of 8 (list £224.80). BARGAIN. £154

34-184A Pack of 4 (list £107). BARGAIN. £83

34-125 BR Mk1 NEA Full Brake in Royal Mail. BARGAIN. £30

34-425 Pack of 4 (list £145). BARGAIN. £112

34-430 Pack of 4 BR Mk1 POS Post Office Sorting Van in Royal Mail Letters Large Red. (list £145). BARGAIN. £112

34-430 Single. £30

34-103A BR Mk1 RU Restaurant Buffet Car in Crimson & Cream. £22

34-103A BR Mk1 RU restaurant car M1984 blue/grey (list £22.95). BARGAIN. £11

34-028E BR Mk1 SK 2nd Corridor in (SR) Green. £22

34-027G BR Mk1 SO 2nd Open in Crimson & Cream. £22

34-052B BR Mk1 SO 2nd Open in Crimson & Cream. £22

34-311 BR Mk1 SP Pullman parlour 2nd coach in blue/grey (with lighting). £27

34-310B BR Mk1 SP Pullman Second Parlour Umber & Cream 'Car No 349' (With Lighting). £29

34-201B BR Mk1 Super BG full brake 'Royal Mail' (list £25.95). BARGAIN. £14

34-201B BR Mk1 Super BG full brake 'Royal Mail' (list £25.95). BARGAIN. £14

34-411B BR 2FK brake corridor 1st Intercity blue/grey (list £25.95). BARGAIN. £12

34-371 BR Mk2 BSO brake open 2nd Intercity blue/grey (list £25.95). BARGAIN. £11

34-330 BR Mk2 FK corridor 1st in blue/grey (list £22.95). BARGAIN. £15

34-627B BR Standard Mk1 57ft suburban brakend coach in BR maroon. £19

34-508B BR Standard Mk1 57ft suburban coach in BR maroon. £22

34-508B Bulleid 63ft 2nd brake corridor open coach in BR(SR) green. £19

34-577B Bulleid 63ft 2nd open 2nd in BR(SR) green. £19

34-577B Bulleid 63ft 2nd brake corridor open coach in BR maroon. £19

34-076A Collett 60ft 1st/3rd brake coach in GWR chocolate/cream. £19

34-176 Collett 60ft 2nd brake corridor coach in BR maroon. £19

34-176 Collett 60ft 2nd brake corridor coach in GWR chocolate/cream. £19

34-052A Collett 60ft 2nd in BR maroon. £19

34-378A Thompson 60ft 2nd in BR maroon. £18

34-403A Thompson 60ft 5ft composite coach in BR maroon. £18

34-478A Thompson 60ft 1st BR Maroon. £18

34-478A Thompson 60ft 1st BR Maroon. £18

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-030 Class 350/1 Desiro 4 Car DEMU 350 111 "Apollo" in Silver Link (unbranded). £118

31-



OPENING HOURS

8AM TO 6PM - MON TO SAT
10AM TO 4PM - SUNDAY

ALL SHOWN ITEMS IN STOCK WHEN ADVERT CREATED



D1000a Class 22 B-B Diesel Hydraulic 6326 (front B) in BR Blue. Full yellow ends & split headcode box. £125

D1000e Class 22 B-B Diesel Hydraulic D6313 (front A) in BR Green. Small yellow panel & split headcode box. £125

NEW



D1000d Class 22 B-B Diesel Hydraulic D6319 (front A) in BR Green. Small yellow panel & split headcode box. £125

NEW

Coaches

C095C 57' Stanier non-composite coach BR Carmine red. Plastic kit. £3

C096C 57' Stanier coach non-corridor brake in BR Carmine unlined. Plastic kit. £8

C097C 57' Stanier coach non-corridor comp BR Maroon lined LMS. Plastic kit. NEW. £9

Wagons

HF000002 16 ton steel mineral BR basic. Weathered. NEW. £9

HF000001 Grampus wagon BR basic. NEW. £12

HF000002 Grampus wagon in BR basic. Weathered. NEW. £14

BHATSPC855a JNA Network Rail 'Falcon' Bogie ballast wagon. NLU 29081 weathered. Hutton's exclusive (list £21.95) BARGAIN. £17

BHATSPC855b JNA Network Rail 'Falcon' Bogie ballast wagon. NLU 29101 weathered. Hutton's exclusive (list £21.95) BARGAIN. £17

BHATSPC855d JNA Network Rail 'Falcon' Bogie ballast wagon. NLU 29161 weathered. Hutton's exclusive (list £21.95) BARGAIN. £17

8910b KTA wagon GERFS 9776 & 40 ft high cube container. £21

8910c KTA wagon GERFS 9771 & 40 ft high cube container. £21

B809C Megafret twin pack & container. £29

B1009 Milk tanker in Unigate Dairies. £12

HF036001 Pack of 5* BR bulk grain wagons. £36



HF036002 Pack of 5* BR bulk grain wagons. Weathered. NEW. £39



B913d Pair of 2 FEAB spine wagons Freightliner containers 640313 & 640314 NEW. £25

B913a Pair of 2 FEAB spine wagons Freightliner containers. £25

B913b Pair of 2 FEAB spine wagons GBRf containers 640623 & 640624 NEW. £25

B913c Pair of 2 FEAB spine wagons GBRf containers 640627 & 640628. £25

B913d Silver Bullet ICA wagon - pristine - 33 87 789 605 - Hutton's 1st edition of 250. (list £27.95) BARGAIN. £22

B913e Silver Bullet ICA wagon - pristine - 33 87 789 610 - Hutton's 1st edition of 250. (list £27.95) BARGAIN. £22

B747K Telescopic hood wagon in 'VTG' Ferrywagen. 589 9 074 - Hutton's 1st edition of 320. (list £24.95) BARGAIN. £19

B747I Telescopic hood wagon in 'VTG' Ferrywagen. 589 9 080 - Hutton's 1st edition of 320. (list £24.95) BARGAIN. £19

B747J Telescopic hood wagon in 'VTG' Ferrywagen. 589 9 088 - Hutton's 1st edition of 320. (list £24.95) BARGAIN. £19

A0201 Unpainted 6 wheel milk tanker. £7

Spares, repairs, couplings, maintenance

OSPAR01 10 connecting bars for spine wagons and Megafret. NEW. £2

B805 100ml of track cleaning fluid for the B800 Track cleaner. £7

Track Maintenance Vehicles



B800L loadhaul Non-motorised OO Track Cleaner motorised cleaning heads and vacuum - Loadhaul. £52

EEF Diecast Buses & Vehicles - Buses

35206FF 36' BET 6 bay single Lamp 'East Yorkshire'. £22

35208 36' BET 6 Bay Single Lamp 'Maidstone & District'. £26

35305 36' BET 6 Bay Twin Lamp Bus 'Southdown'. £23

25306 EECI double coach 'East Yorkshire'. £18

36064 AEC Renown 'Northern NBC'. £23

30711 AEC Renown Bus 'Greater Manchester PTE'. £23

23321 AEC RF coach 'Greenline BEA' single decker. NEW. £23

34106 AEC RT Bus 'London Transport'. £23

24502 Alexander Atlantic bus 'Newcastle Corporation'. £22



16228 Bristol MW/LS Coach in Royal Blue 'Western National'. £26

20452 Bristol VR III 'Rebel NBC'. £23

18613 Bristol VR/II Open top bus in Amiva Wales. £23

29807 G.M. Fleetline Strathtay double decker bus. NEW. £27

15807 Leyland PD1 London Coach 'British Transport'. £27

16132 Leyland PD2 Hightower 'Soudan'. £26

NEW



16012 Leyland PD2 Lowbridge "East Yorkshire", NEW. £27

20905 Leyland PS2 Windover half cab coach 'North Western'. £15

28812 Leyland Titan 5 door deck bus 'West Coast Motors'. £15

27309 Leyland Titan TD1 1930's deck bus enclosed stairs 'Samuel Ledgard'. £15

2961 Leyland ECW Olympian Type B 'Capital Citybus'. £16

26299 Plaxton Pointer Dennis Dart s/dock bus 'City of Chester'. £15

31508 RM Routemaster bus 'Stratford'. £22

Commercial & Public Services

13601 ACE Ergo 3 axle elliptical tanker Express Dairy. NEW. £25

37701 ERF KV 2 Axle Dropside 'Gardner Engines'. £20

33702 ERF KV 2 Axle Box Van 'Stevenson (Royal Venton China)'. £20

London Underground Tube Train

99935 2 car 1938 tube set 'Dinosaur' as per Isle of Wight (not motorised). £55

Heljan UK - Diesel locos

1405 Class 14 'Teddy Bear' (ex British Rail) Green Circle Cement (ex D9526) (Weathered). £115

EXCLUSIVE



1407 Class 14 'Teddy Bear' 14701 Loadhaul Livery. Ltd Ed of 200 certificate. £115

1400 Class 14 'Teddy Bear' D9500 BR Green as preserved. £115

EXCLUSIVE



1404 Class 14 'Teddy Bear' D9521 BR Green (pristine). £105

1403 Class 14 'Teddy Bear' D9535 BR Green (weathered). £105

1401 Class 14 14029 'Teddy Bear' in BR Blue, as preserved. Indicator boxes, no wasp stripes. £115

1504 Class 15 diesel electric BTH/Clayton D8201 BR plain green (glossy finish). £89

1505 Class 15 diesel electric BTH/Clayton D8235 BR green full yellow ends. £99

1508 Class 15 diesel electric BTH/Clayton D8239 in BR green full yellow ends and TOPS panels. £99

1713 Class 17 Clayton diesel 6801 BR Green full yellow panels. £89

EXCLUSIVE



1712 Class 17 Clayton diesel D8501 BR Green small yellow panels. £80

EXCLUSIVE



2301 Class 23 Baby Deltic diesel D5593 in BR Green full yellow ends and 4 character headcode. £96

2302 Class 23 Baby Deltic diesel D5594 BR Green large yellow ends arrows. £96

2610 Class 26 BRCW Sulzer diesel 26028 in BR blue full yellow ends, boiler tank and blanked cab doors (list £73). BARGAIN. £49

2611 Class 26 BRCW Sulzer diesel 26031 in BR blue full yellow ends, boiler tank and blanked cab doors (list £73). BARGAIN. £49

2602 Class 26 BRCW Sulzer diesel D5331 BR blue full yellow ends (list £73). BARGAIN. £49

2654 Class 25 diesel 26001 / D5301 'Eastfield' BR Heritage green (list £99). BARGAIN. £68

2652 Class 26 diesel 26003 in Engineers Dutch (list £99). BARGAIN. £67

2653 Class 26 diesel 26004 in Railfreight Coal Sector (list £99). BARGAIN. £59

EXCLUSIVE

2801 Class 28 Co-Bo Diesel D5705 BR Green Small Yellow Panels (as preserved). £125

2802 Class 28 Co-Bo Diesel D5707 BR Green Full Yellow Ends. £125

2807 Class 28 Co-Bo Diesel D5711 in Full BR Green modified windows. £125

2808 Class 28 Co-Bo Diesel D5712 BR Green Small Yellow Panels. £125

2810 Class 28 Co-Bo Diesel D5714 Full BR Green - modified windows. £125

2803 Class 28 Co-Bo Diesel D5716 BR Green Small Yellow Panels (Weathered). £125

3371 Class 33/0 33029 'Glen Loy' in West Coast Railways. £69

3370 Class 33/0 33030 'Glen Falloch' in West Coast Railways. £69

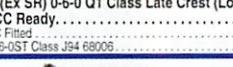
Hornby Steam locos



R3021 2-6-4T Stanier 4P Class 42613 Late BR weathered. £80

R3021A 2-6-4T Stanier 4P Class BR. NEW. £85

R3022 A1X Terrier class 0-6-0T 2662 in Southern green. £50



R3011 BR (Ex SR) 0-6-0 Q1 Class Late Crest (Loco Drive). £85

R3011X DCC Fitted. £100

R3023 BR 0-6-0ST Class J94 68006. £57



R3028 BR 4-6-0 Fowler 2P Class - Late BR (Loco Drive). £80



R3015 BR 4-6-2 Princess Royal Class 'Princess Arthur Of Connaught' in BR Red - DCC Ready. £106

R3015X DCC Fitted. £120



R2995XS BR Black 5 Class 4-6-0 45010 - Weathered. £214



R2994XS BR Castle Class 4-6-0 'Clun Castle' - Late BR DCC Sound. £214

R3064 BR Smokey Joe. £20



R3007 BR Thompson L1 Class 2-6-4T 67759 Late BR Weathered - DCC Ready. £87

R3007X DCC Fitted. £101



R2975 Britannia in original unlined BR Black as built. £110



R2882 Class 3P Jinty 0-6-0 tank loco 24 in S & DJR. £24

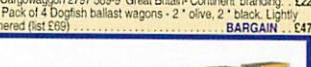


R3026 Class 8F 2-8-0 48706 in Late BR (Heavily Weathered). £108



R2785 Class 9F 2-10-0 92220 "Evening Star" loco & tender in BR green - Railroad range (Loco Drive). £56

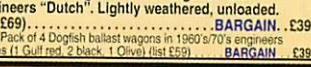
Electric locos



8601 Class 86 Electric loco 86214 'Sans Pareil' in Intercity Swallow (list £134.95). BARGAIN. £79



8604 Class 86 Electric loco 86605 in Freightliner green (list £134.95). BARGAIN. £82



5014 Cargowagon 279 589-9 Great Britain - Continent branding. £22

4099 Pack of 4 Dogfish ballast wagons - 2* olive, 2* black. Lightly weathered (list £69). BARGAIN. £47

4100 Pack of 4 Dogfish ballast wagons - Civil Engineers "Dutch". Lightly weathered, unloaded. (list £69). BARGAIN. £39

4097 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4101 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4102 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4103 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4104 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4105 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4106 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4107 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4108 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4109 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4110 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4111 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4112 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4113 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4114 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4115 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4116 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4117 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4118 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4119 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4120 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4121 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4122 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4123 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4124 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4125 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

4126 Pack of 4 Dogfish ballast wagons in 1960's/70's engineers liveries (1 Gulf red, 2 black, 1 Olive) (list £59). BARGAIN. £39

364 - 368 SMITHDOWN ROAD, LIVERPOOL, L15 5AN

TEL: 0151 - 733 3655

E-MAIL: INFO@EHATTONS.COM

VISIT OUR WEB SITES

www.ehattons.com

www.hattons.co.uk

Train Packs



R2985 'Duchess At Carlisle' Train pack - Barry J Freeman collection. Limited edition (list £230.75)**BARGAIN £189**
R2670 Class 101 0-4-0 GWR green steam loco, open wagon, closed van and a brake van£32



R2938 Class 40 diesel 40152 in BR blue (Railroad Range)£138



R3068 Class 42 'Warship' Diesel Electric Locomotive D80 in BR Green - Railroad Range. **NEW**
R3054 Class 50 Diesel 50008 'Thunderer' in Laira Blue£96
R3033XS Class 56 Co-Co Diesel 56095 'Haworth Colliery' Rail freight Co. livery£166
R3052 Class 56 Diesel 56037 'Richard Trevithick' Rail freight Construction Livery£103
R3050 Class 56 Diesel 56062 in BR Blue£103



R3048XS Class 56 diesel 56091 in Railfreight Coal "Castle Donington Power Station" DCC sound **NEW** £166



R3050A Class 56 diesel BR blue 56083 **NEW**£110



R3041 Class 59 Co-Co Diesel 59005 "Kenneth J. Painter" in Fox & Yeoman Livery£44
R3051 Class 60 Diesel 60033 "Tees Steel Express" in British Steel Blue EWS cabside branding£103
R3042 Class 60 'Shed Diesel 66843' in Colas Blue Livery£49
R3076 Class 66 Diesel 66723 "Chinook" in First GBRf 'Barbie' Livery£49



R3045 Class 73 Electro Diesel 73202 in Gatwick Express Livery**Electric locos** £44



R3053A Class 90 electric 90019 "First ScotRail" EWS cabside branding. **NEW**£52
R3077 Class 90 Electric 90046 in original Freightliner Green/Yellow **DMU's**£52



R2758 Class 153 single car DMU 153223 in North West Trains blue Northern branding (2000-2008) (DCC Ready) (list £68.50) **BARGAIN £41**
R2756X Class 153 single car DMU 153333 Central Trains (2000-2008) (DCC Fitted)£57
R2931X Class 153 single car DMU 153334 in London Midland DCC fitted (list £104.49)**BARGAIN £72**



R2792 Class 153 single car DMU 153374 East Midlands blue, red & yellow (previously Wessex Trains) (DCC Ready) Steadford/Nottingham (list £68.50)**BARGAIN £44**
R2702 Class 153 single car DMU in Arriva Wales/Trenau Arriva Cymru - DCC ready. Cardiff/ Pembroke Docks (list £66.99)**BARGAIN £53**

EMU's



R2946 Class 423 VEP 4 car EMU in BR Blue£120



R2947 Class 423 VEP 4-car EMU in NSE£120



R2948 Class 43 HST power (43055) and dummy (43048) pack in East Midlands trains -DCC ready (list £180.99)**BARGAIN £106**
R2703 Class 43 HST Power (43105) & Dummy-car (43113) pack in revised (post 2004) GNER gold lettering. DCC Ready (list £148.25)**BARGAIN £69**



R2934 Class 08 diesel shunter 08865 in EWS (list £83.25)**BARGAIN £61**
R2902XS Class 08 diesel shunter 08644 'Chris Wren' 1955-2002 EWS (with sound)£159



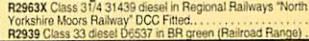
R3049 Class 08 Diesel Shunter 08417 in Serco Livery£67

R2948 Class 08 Diesel Shunter 08673 Piccadilly BR InterCity Livery£67

R2902XS Class 08 diesel shunter 08644 'Chris Wren' 1955-2002 EWS (with sound)£159



R2904 Class 31 Diesel 31233 Network Rail Yellow - DCC Ready£107



R3067 Class 31 Diesel Electric Locomotive 31256 - Railroad Range. **NEW**£42

R2953X Class 31/4 31439 diesel in Regional Railways 'North Yorkshire Moors Railway' DCC Fitted£122

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38



R2953X Class 31/4 31439 diesel in Regional Railways 'North Yorkshire Moors Railway' DCC Fitted£122



R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38



R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

R2939 Class 33 diesel D6537 in BR green (Railroad Range)£38

**ALL PRICES VALID UNTIL 08/03/12, ERRORS EXCEPTED
MOST STILL VALID AFTER THIS DATE
DEFAULT PRICES AS ON OUR WEBSITES**



**ORDERS RECEIVED IN THE POST AFTER
THIS DATE FOR PRODUCTS THAT HAVE
GONE UP IN PRICE WILL BE GIVEN A REFUND.
WE HAVE HAD TO TIGHTEN UP ON PREVIOUS
LATITUDE GIVEN.**



R2704 Class 43 HST Power (43196) & Dummy-car
(43162) pack - Virgin Trains (1998-2004). DCC Ready
BARGAIN. £79
R2704X DCC Fitted. £129

R2949 Class 43 HST power (43221) and dummy (43285) pack in
Arriva Cross Country DCC ready (list £180.99). BARGAIN. £107

R2812 Class 43 HST power car & dummy in First Great Western -
DCC ready. (list £175.49). BARGAIN. £129



R2984 Network Rail HST Trainpack 2x Class 43 Buffer
fitted Power Cars (1 powered, 1 dummy) - DCC Ready! £148

Coaches

R4385 12 wheel Pullman 3rd class parlour car '98' - £35
R4346C BR Blood and Custard Maunsell 6 Compartment 3rd Class
Brake (High Window) (list £36.49). BARGAIN. £19
R4344C BR Blood and Custard Maunsell Corridor 1st Class (High
Window) (list £38.99). BARGAIN. £20

R4344B BR Blood and Custard Maunsell Corridor 1st Class (High
Window) A (list £38.99). BARGAIN. £19

R4467 BR Blue Southern Van 'C' £21



R4468 BR Blue/Grey Gresley Teak Buffet Car. £44



R4519 BR Gresley (Non Vestibuled) Suburban 1st
Class in BR Maroon £30



R4522 BR Gresley (Non Vestibuled) Suburban 3rd
Brake in BR Maroon £30

R4520 BR Gresley (Non Vestibuled) Suburban 3rd Class BR Maroon £30

R4521 BR Gresley (Non Vestibuled) Suburban Composite BR Maroon £30

R4409A BR Hawksworth (Post 1953) Gangway Passenger Brake
BR Maroon £30

R4493A BR Hawksworth 1st Class Coach. NEW. £32



R4473 BR Maroon Observation Car £44

R4348C BR Maunsell Brake Composite (High Window)
(list £36.49). BARGAIN. £20

R4348B BR Maunsell Brake Composite (High Window) B
(list £38.99). BARGAIN. £21

R4467A BR Southern Blue Van 'C'. NEW. £21

R4515 Gresley (Non Vestibuled) Suburban 1st Class in LNER teak £36



R4518 Gresley (Non Vestibuled) Suburban 3rd Brake
in LNER teak £36

R4516 Gresley (Non Vestibuled) Suburban 3rd Class in LNER teak £36

R4517 Gresley (Non Vestibuled) Suburban Composite LNER teak £36



R4171C Gresley 61ft 6in Corridor 1st Class Coach in
LNER teak £44

R4170E Gresley 61ft 6in Corridor Composite Brake Coach LNER teak. £44

R4173D Gresley 61ft 6in Corridor Composite Buffet Car in LNER teak. £44

R4524 GWR Brake Coach - Railroad Range £14

R4523 GWR Composite Coach - Railroad Range £14



R4505 GWR Hawksworth (1949) First Class
(list £38.99). BARGAIN. £28

R4500 GWR Hawksworth (1949) Gangway Passenger Brake
BARGAIN. £28

(list £39.49) £28

R6458 OTA Timber Carrier 110201 EWS £12
R6371 Petrol tanker wagon in Shell black £5
R6371 Pack of 6 (list £35.94). BARGAIN. £25
R6511 GWR Triple Pack Hopper Wagon £23
R6455 Swan ballast brake van BR green (weathered)
(list £19.25). BARGAIN. £12
R6457 Swan ballast Brake Van Loadhaul. Weathered
(list £19.25). BARGAIN. £9
R6544 Pack of 4 £14
R6512 ZFO/ZFP (Trot) Ballast Hopper 3 Wagon Pack - BR
Departmental (Weathered) £14
R6545 ZFP (Trot) Ballast Hopper - BR Departmental £14
R6545 Pack of 4 £14

DCC loco decoders

DCC loco decoders

DCC loco decoders

£12

£5

£25

£23

£12

£9

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14

£14

£12

£14</p

364 - 368 SMITHDOWN ROAD, LIVERPOOL, L15 5AN
TEL: 0151 - 733 3655 FAX: 0151 - 734 4040



THE UK'S LARGEST
MODEL RAILWAY
RETAILER. WE ALSO
HAVE LOTS OF DIECAST

TO QUICKLY VIEW ALL NEW DIECAST RELEASES GO TO
WWW.NEWDIECAST.CO.UK

Coaches

MM1701, MM1702 & MM1703 Pack of 3 RPSI Mk2 coaches - FK, TSO & BSO (list £99) BARGAIN £69

Oxford Diecast Ltd - Cars

76CT001 Citroen 2CV Charleston Maroon/Black, NEW £4

76MGA001 MGA in chart red £3

76RD001 Renault Dauphine Light Blue, NEW £3

76WVB002 VW Beetle 'Ruby Red', NEW £3

76WVB001 VW Beetle Pearl White (Herbie), NEW £3

76WV003 Wolseley 18/85 Series III Luxan Blue £3.50

Buses

76RM110 AEC Routemaster Black Prince, NEW £6

Commercial & Public Services

76DAF02L A P Hollingsworth DAF Low Loader, NEW £18

76SAL001 Aerial Rescue Pump 'Stratclyde Fire & Rescue' £17

76UR001 Burrell Showmans 'Qo Vadis William Wilson' steam engine £3.50

76CH031 Chippenfield Livestock Trailer, NEW £3.50

76DAF09CS DAF 105 (S) Curtainside in Owens Livery £16

76SET10A Fordson Tractor set blue, yellow & grey variants £16

76VOL22L Heanor Haulage Low Loader £16

76LAN18001 Land Rover Series 1 Hard Top Beretan, NEW £3.50

Used 76LR001 car transporter £4

Streamline Code 75 Finescale

SL-102F 1 yard (91.5cm) length of finescale Nickel Silver concrete-sleeper flexible track £3

SL-102F Pack of 25 £6.40

Road vehicles - military

76MAN01CT MAN TGX D-TEC CombiTrailer Robert Laidlaw, NEW £16

76MAN01FR MAN TGX XLX refrigerated trailer in 'Turners of Scham' £16

76SP053 Queens Diamond Jubilee Bullnose Morris Smaii, NEW £18

76SAL004 Scania Aerial Fire Rescue Pump Mid & West Wales F.R. Service, NEW £16

76SFE005 Scania Fire P31 Pump Ladder Essex £16

76SCA001L Scania R Series Low Loader 'Donnell & Ellis (Northern Ireland)' Ltd ed of 2000 £15

76VOL02CS Volvo 'W H Malcolm' £16

Plant, Farming & Construction

76SET12 Baler, Livestock Trailer & Farm Trailer, £12

Road vehicles - military

76MMT006 Morris Traveller Bomb Disposal £4

Peco - Scenic items. Man made

SL-40 Rail buffer stop £1

SL-47 Scale Point Motor (Pack of 6) (NOT working point motors, for cosmetic use only) £2

Buildings & structures. Railway-related

SL-55 Turntable, well type £39

Scenic items. Man made

SL-45 Flexible field fencing, Approx 1065mm (42in), 5 pieces £2.50

Spares, repairs, couplings, maintenance

SL-111 Pack of 12 insulated rail joiners/fishplates (Code 75) for OO & HO gauge £1.60

SL-111 Pack of 12 insulated rail joiners/fishplates (for OO, HO & O gauge code 100 rails incl. Hornby, Peco & Peco Streamline) £1.60

SL-110 Pack of 24 finscale rail joiners/fishplates (for code 75 finscale) for OO & HO gauge £1.60

SL-110 Pack of 24 metal rail joiners/fishplates (for code 100 rails inc Hornby, Peco & Peco Streamline). For OO, HO & O gauge £1.60

Setrack Code 100

ST-245 Setrack curved double radius left handed point insulfrog £12

ST-244 Setrack curved double radius right handed point insulfrog £12

ST-221 Settrack double straight £1.75

ST-226 Settrack No 2 radius double curve £2.50

ST-241 Settrack No 2 radius left handed point insulfrog £7.50

ST-240 Settrack No 2 radius right handed point insulfrog £7.50

ST-223 Settrack No 2 radius standard curve £1.25

ST-231 Settrack No 3 radius double curve £2.25

ST-235 Settrack No 4 Radius Standard Curve. No "double" version produced - use 16 to form a circle £2

ST-204 Settrack Quad Straight £3

ST-204 Box of 24 £6.80

ST-209 Settrack standard straight £1

Streamline Code 100 Universal

SL-100 Pack of 25 1 yard (91.5cm) length of Code 100 Wooden-sleeper nickel silver flexible track £64

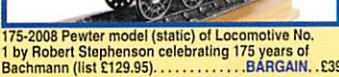
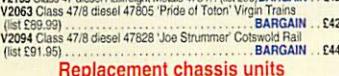
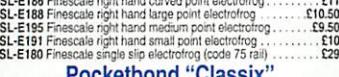
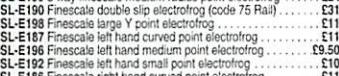
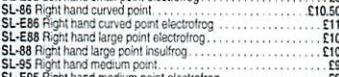
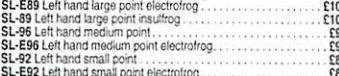
SL-100 Single £2.80

SL-102 1 yard (91.5cm) length of Nickel Silver concrete-sleeper flexible track £2.75

SL-92 Pack of 25 £54

SL-E93 9 mm medium radius point electrofrog £2.75

SL-99 3 way medium radius point insulfrog £22



VA111903 Ford Cortina MkIV 1.6L - Venetian Red £15

NEW



VA12600 Ford Escort MkII 1.1 Popular - Olympic Blue £15

NEW



VA12403 Ford Granada MkII Series 1 2.8i Ghia - Black SPECIAL EDITION **NEW** £15

NEW



VA12200 Ford Sierra XR4i - Black **NEW** £15

VA12701 Peugeot 205 1.1 LOCK - Topaze Blue **NEW** £15

VA11803 Subaru Legacy RS R Turbo Series 1 - slate Grey **NEW** £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

VA12800 'Colin McRae R4, 2500cc - McRae 2006' £19

VA11904 Ford Cortina MkIV 2.0S - Lancashire Police £15

Commercial & Public Services

Like the magazine? You'll love the **yearbook!**

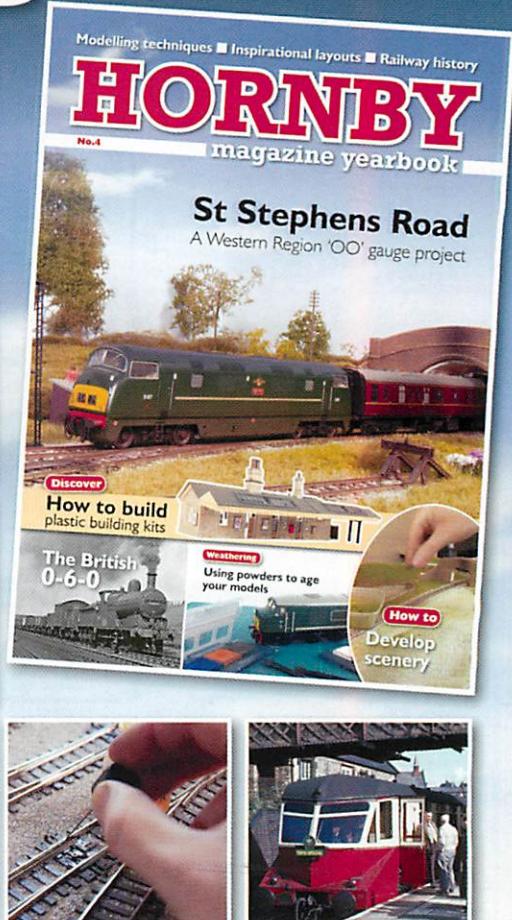
Hornby Magazine has established its place in model railway publishing by providing accessible information on railway-modelling for beginners of all ages. The award winning magazine has a constantly growing readership with its appeal lying in its hands-on approach, the inclusion of inspirational features and photographs showing what can be achieved, practical tips on how to get started and advice on best practice and avoidance of pitfalls.

Ian Allan Publishing is delighted to publish the fourth Hornby Magazine Yearbook. This year's title features new material sourced and collated by Hornby Magazine's Editor covering a broad range of topics which will be of interest to railway modellers of all skill levels.

Photography is a key element of the book with detailed how-to images to help with building and construction plus fantastic images of finished layouts to really inspire modellers to be as creative as possible. There will be something for everyone in this new book, with expertly researched coverage of the most popular scales.

Compiled by Hornby Magazine Editor, Mike Wild, his knowledge and enthusiasm and that of his contributors will come across through the pages of this book to inspire.

Ian Allan Publishing • Printed Paper Cased
• 297 x 210mm • 128 pages • 978 0 7110 3657 4 • £16.99



Order **today** from 

A specialist mail order service offering thousands of titles from hundreds of publishers.

Buy online at www.ianallanplus.com

Call **0844 245 6944** ■ Overseas +44 (0)1795 414826 (P&P charges apply)

or visit one of our Ian Allan Book & Model Shops in:

BIRMINGHAM
12 Ethel Street
Birmingham B2 4BG
Tel: 0121 643 2496

CARDIFF
31 Royal Arcade
Cardiff CF10 1AE
Tel: 029 2039 0615

LONDON
45/46 Lower Marsh
Waterloo SE1 7RG
Tel: 020 7401 2100

MANCHESTER
5 Piccadilly Station App.
Manchester M1 2GH
Tel: 0161 237 9840


Ian Allan
PUBLISHING

THE HEREFORD MODEL CENTRE

EMAIL US ON SALES@HEREFORDMODELS.CO.UK
www.herefordmodels.co.uk

SALES LINES

01432 352809/07816 352809

4 COMMERCIAL ROAD, HEREFORD, HEREFORDSHIRE, HR1 2BA
 OFFICIAL HORNBY COLLECTORS CENTRE

LIMITED EDITION WAGONS

| | |
|--|--------|
| 37-659Z Set of Benzole Tank Wagons | £29.55 |
| 37-675U Set of Mobil Tank Wagons | £29.55 |
| 37-711Y Pack of three GWR Cattle wagons | £27.20 |
| 37-711Z Pack of three GWR Cattle wagons weathered | £27.20 |
| 37-730Z Set of three GWR Vent Wagons | £25.54 |

!!!!SPECIAL EDITIONS!!!!

Bachmann Limited Editions with Max run of 504

| | |
|--|--------|
| 32-381W CL37 Large Logo 37428 Vale of Rheidol | £75.00 |
| 32-900Y CL108 in Blue/ Grey with Black window surrounds and Welsh Dragon embellishment on front C970 | £86.35 |

NEW RELEASE

| | |
|-----------------------------|---------|
| R2878 West Coast Train Pack | £148.99 |
| R3026 8F BR Late | £103.75 |
| R3062 D49 The Berkley | £54.00 |
| R3063 LMS Compound | £54.00 |
| R2995XS Black 5 BR | £204.45 |
| R3011X Q1 BR | £96.45 |
| R2861 County of Bedford | £63.95 |
| R2981 London Olympic | £158.00 |
| R2984 HST Network Rail | £142.00 |
| R3000 B1 BR Late | £92.00 |
| R3028 2P BR Late | £76.50 |
| R3029 2P SDJR | £76.50 |

HORNBY

Steam Locomotives

| | |
|---|---------|
| R2424 Castle Class - Hampden BR - 5074 | £66.95 |
| R2543 Castle Class - Warwick Castle BR - 4081 | £71.00 |
| R2548 68XX Class - Frankton Grange BR - 6816 | £78.00 |
| R2551 Castle Class - Fairey Battle BR - 5077 | £71.50 |
| R2582 N15 Class Sir Harry Le Fiske Lake | £71.50 |
| R2621 N15 Sir Ironside | £75.95 |
| R2632 Sir Fred Harrison BR | £74.95 |
| R2633 Patriot Class - Planet | £74.95 |
| R2634 Patriot Class | £74.95 |
| R2678 A1/A1X Terrier GWR | £40.00 |
| R2712X T9 BR | £83.99 |
| R2724 N15 - Sir Meleaus | £73.95 |
| R2742 Schools Charterhouse | £78.95 |
| R2742X Schools Charterhouse | £91.95 |
| R2799 Terrier LBSCR Brighton | £43.95 |
| R2805XS A4 Herring Gull LNER | £188.95 |
| R2827 Cheltenham Schools | £84.45 |
| R2828 T9 Southern | £76.95 |
| R2830 N15 Valence | £91.95 |
| R2846 Clan Buchanan BR | £102.75 |
| R2847 Clan MacLeod Green BR | £102.75 |
| R2848 Tintagel Castle GWR | £98.00 |
| R2855 J94 BR | £49.45 |
| R2959 Thompson BR | £68.45 |
| R2965 A2 Silver Link | £129.00 |
| R2970X J83 LNER | £33.95 |
| R2971X J13 GNR | £33.95 |
| R2991XS A4 Sparrow Hawk | £204.00 |
| R2998X B1 LNER | £106.99 |
| R2998 B1 LNER | £94.45 |
| R2999X B1 BR Early | £106.99 |
| R2999 B1 BR Early | £94.45 |
| R3007 L1 Late Crest Weathered | £83.95 |
| R3015 CL73 Gatwick Express | £43.95 |
| R3021 Stanier 4P Weathered | £78.45 |
| R3022 Terrier Southern | £48.95 |
| R3027 14XX | £55.45 |
| R3060 Tornado (Railroad) | £59.99 |

HORNBY

Train Packs/Sets

| | |
|---------------------------|---------|
| R2372M Royal Dutchie Pack | £95.00 |
| R2437 Serco Train Pack | £78.95 |
| R2696 CL101 - 2 Car | £65.25 |
| R2706 The Flying Dutchman | £110.00 |
| R2821 CL395 Javelin | £109.45 |
| R2821X CL395 Javelin | £123.95 |
| R2852 Imperial Airways | £159.95 |
| R3059 Tornado Train Pack | £128.45 |

HORNBY

Track Accessories

| | |
|--------------------------|--------|
| R628 Half Curve 3rd Rad | £1.70 |
| R643 Half Curve 2nd Rad. | £1.40 |
| R8026 Power Track | £3.75 |
| R8072 LH Point | £7.25 |
| R8073 RH Point | £7.25 |
| R8074 LH Curved Point | £12.95 |
| R8075 RH Curved Point | £12.95 |
| R8076 Y Point | £9.45 |
| R8077 LH Express Point | £12.95 |
| R8078 RH Express Point | £12.95 |

BACHMANN

Diesel/Electric Locomotives

| | |
|--------------------------------------|---------|
| 31-026 CL166 | £74.75 |
| 31-027 CL166 | £74.75 |
| 32-329 CL25/2 BR Blue | £53.45 |
| 31-426 CL411 BR Green | £99.99 |
| 31-342 Class 04 Green L/C | £36.25 |
| 31-377 CL416 2EPB | £85.99 |
| 31-511 CL158 Arriva Wales | £68.75 |
| 31-575 Windhoff MPV NWR | £108.00 |
| 31-586 CL70 Freightliner | £83.95 |
| 31-328A CL105 BR Green | £80.50 |
| 32-386 CL37 RFT Metals | £59.45 |
| 32-388 CL37 BR Blue | £73.50 |
| 32-407 CL25/3 BR Blue | £52.95 |
| 32-4040S CL25 BR Blue | £137.50 |
| 32-406 CL25 BR Green | £45.75 |
| 32-4308 CL24 BR Green | £45.75 |
| 32-5280S CL55 BR Blue | £147.50 |
| 32-529A CL55 Duke of Wellington Regt | £68.25 |
| 32-6790S CL45 BR Green | £151.95 |
| 32-701 CL46 BR Blue | £49.95 |
| 32-703 CL46 BR Blue weathered | £68.25 |
| 32-7280S CL66 Freightliner | £160.50 |
| 32-731 CL66 Rail Services | £57.75 |
| 32-735 CL66 EWS weathered | £86.50 |
| 32-750 DC - CL57 FL - 57008 | £52.95 |
| 32-803 CL47 | £58.95 |
| 32-804 CL47 BR Green | £68.95 |
| 32-805 CL47 BR Blue | £68.95 |
| 32-900B CL108 BR Green | £71.45 |
| 32-901 CL108 DMU - NSE | £58.50 |
| 32-902A CL108 DMU Blue/Grey | £59.95 |
| 32-902A CL108 BR Blue/Grey | £64.75 |
| 32-910 CL108 Blue/Grey | £74.95 |
| 32-926 CL150 Regional | £63.50 |
| 32-936 CL150 Central | £63.50 |

HORNBY TRACKSIDE

| | |
|--------------------------------|--------|
| R8008 Suspension Bridge | £35.95 |
| R334 Station Canopy | £18.95 |
| R460 Straight Platform | £2.95 |
| R462 Large Curve Platform | £3.95 |
| R463 Small Curve Platform | £3.20 |
| R464 Platform Ramp | £3.20 |
| R495 Platform Subway | £3.20 |
| R510 Platform Shelter | £9.45 |
| R513 Platform Fencing | £6.45 |
| R514 Platform Canopies | £10.45 |
| R539 Railway Cottages | £9.25 |
| R590 Station Halt | £17.95 |
| R8000 Country Station | £26.75 |
| R8001 Waiting Room | £15.85 |
| R8002 Goods Shed | £18.95 |
| R8003 Water Tower | £10.95 |
| R8004 Engine Shed | £16.50 |
| R8005 Signal Box | £13.75 |
| R8006 Diesel Maintenance Depot | £18.75 |
| R8007 Booking Hall | £22.45 |
| R8009 Station Terminus | £36.25 |

HORNBY

Control Equipment

| | |
|--------------------------------------|--------|
| R044 Point Switch | £5.95 |
| R046 Two Way Switch | £5.95 |
| R047 On/Off Switch | £5.95 |
| R602 Power Connecting Clip | £1.50 |
| R8012 HM 2000 Controller - **** | £56.75 |
| R8014 Point Motor | £3.65 |
| R8015 Point Motor Housing | £2.95 |
| R964 Wall Mounted Transformer - **** | £13.95 |
| R965 Controller | £9.00 |

BACHMANN

Steam Locomotives

| | |
|-------------------------------|---------|
| 20-2009 A2 Blue Peter | £97.50 |
| 31-001 Robinson BR Late Crest | £84.99 |
| 31-003 Robinson LNER | £94.99 |
| 31-210 Patriot BR Green 45503 | £75.95 |
| 31-211 Patriot BR Green 45543 | £77.50 |
| 31-476A G2A BR Early | £72.95 |
| 31-475A G2A BR Late | £66.50 |
| 31-478 G2A BR Black Late | £66.00 |
| 31-526 A2 Bachelors Button | £101.99 |
| 31-527 A2 Tudor Minstrel | £96.45 |

ORDER BY TELEPHONE

Orders taken 7 days a week

9-5 Monday to Saturday 01432 352809

5-9 Monday to Sunday 07816 352809

MAIL ORDER SERVICE

ALL PRICES VALID UNTIL 31/3/2012

You must state these prices when ordering

POSTAGE & PACKING RATES PER ORDER:

UK Standard Postage and Packing Rate £3.00p

UK Insured Postage and Packing Rate £6.50p

UK Courier Transport and Packing Rate £9.00p

Worldwide at cost. VAT free to non EC.

Postage charged at cost **

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

*** Please allow 7 days for delivery when paying by cheque ***

PLEASE QUOTE OUR SPECIAL PRICES WHEN YOU USE US.

Credit Cards Welcome - Visa, Mastercard, Maestro

Please state expiry date

| | | | | | | | | | | |
|--|--|---------|---|--------|---|--------|---|---------|---|--------|
| Graham Parish N Steam Locomotives | 371-908 57xx Pannier No. 5757 BR Black L.C. | £52.99 | 372-068 POA Wagon RMC Orange weathered. | £9.00 | 377-528 377-528 22 Ton Pacific 'Singercrete'. | £9.50 | ND0909N 9F No. 92211 Weathered | £96.99 | ND1132 Hymek No. D7071 Green (dummy). | £28.50 |
| | 371-914 8750 Pannier GWR 4605. | £52.99 | 372-008A PCA Wagon in ICI livery. | £9.00 | 377-540 22 Ton Pacific Wagon Tinted Pk BR elctrc. | £27.99 | ND0958 70013 'Oliver Cromwell' | £104.95 | ND135A 'Norton Hall' 5953 GWR Green. | £54.95 |
| | 372-010 8750 Pannier GWR 4605. | £52.99 | 373-029 PCA Bulk Aggregate Hopper WBB Minerals Grey. | £9.50 | 377-528 PCA Bulk Powder No. 11237 Metalas Grey. | £9.50 | ND0958 70023 'Bill Worcester' Green L.C. | £104.95 | ND135C 'Glossington Hall' 6910 BR Blk E.E. | £54.95 |
| | 371-814 61xx Prairie GWR 6114. | £54.99 | 372-403 31 Ton ZDA Open Plank Departmental Grey/Yellow Dutch. | £8.00 | 377-927 PCA Bulk Powder No. 11038 Metalas Grey wthrd. | £10.00 | ND0953 70222 'Tornador' BR Green L.C. | £104.95 | ND145C 26 26 038 R/Stripe Railfit Grey 'Scottie Dog'. | £79.99 |
| | 372-054 AF No. 44330 BR Black L.C. | £72.99 | 372-625B OBA Open Wagon EWS. | £9.19 | Graham Parish Scenecraft | | ND0994A 86 No. 85229 Virgin. | £91.99 | ND2004 26 No. 25 007, Trainload Coal. | £79.99 |
| | 372-075 B1 'Springbox' LNER. | £96.99 | 372-625B OBA Open Wagon Railfreight. | £9.19 | 42-0008 Hampton Heath Colliery Bargain Set. | £54.99 | ND0998 86 No. 85213 Intercity. | £91.99 | ND2004 67 No. 67 018 DB Schenker. | £59.99 |
| | 372-076 B1 No. 61139 BR Blk E.E. | £96.99 | 372-627A OBA Open Wagon Plasmoor. | £8.80 | 42-004 Provender Store BR Type. | £28.99 | ND0992 86 No. 86221 Freightliner. | £91.99 | ND2014 Class 66 66 953 Freightliner whenever WIPAC light. | £71.99 |
| | 372-077 B1 'Oliver Fury' BR Black L.C. | £96.99 | 372-718 12 Ton Vans - Van Wagon Hops Ends EWS. | £9.19 | 42-005 Conjugated Goods Shed. | £15.50 | ND0990 86 No. 86425 Res. | £91.99 | ND2012 Class 66 66 115 EWS powered. | £71.99 |
| | 372-078 B1 No. 61211 BR Blk E.C. Wetwd. | £100.99 | 372-803 100 Ton ghw HHA Bogie Hopper Freightliner. | £20.99 | 42-008 Red Brick Water Tower. | £12.00 | ND0989 86 No. 86215 Res. | £91.99 | ND2010 Class 66 66 729 GBRf. | £71.99 |
| | 372-079 8750 Pannier GWR 4605. | £72.99 | 372-803C 100 Ton ghw HHA Bogie Hopper Freightliner. | £20.99 | 42-017 Queen Victoria Depot. | £22.99 | ND0989 86 No. 86220 EWS. | £91.99 | ND2016 Class 66 66 654 GBRf Children. | £71.99 |
| | 372-138 Black 5N 4510 BR Black E.E. | £97.99 | 372-902 MGR HAA Hopper Trainload Coal. | £20.99 | 42-020 Saxon Office Block. | £17.00 | ND0999 86 No. 86505 Grey Freightliner. | £91.99 | | |
| | 372-137 Black 5N 4510 BR Black L.C. | £97.99 | 372-925A Bogie Bolster BR Gull Red. | £13.00 | 42-018 Saxon Office Block Extension. | £15.00 | ND0994 86 No. 86537 Freightliner Powerhaul. | £91.99 | | |
| | 372-154 AF No. 46170 BR Black E.E. | £90.99 | 372-925B OBA Open Wagon EWS. | £13.00 | 42-019 Office Block. | £7.00 | ND100K Terrier 54 Waddon in Stroudley Grn. | £59.99 | | |
| | 372-207 Jinty 47472 BR Black L.C. | £84.00 | 372-950A HFA Hopper + dust cover - Railfreight. | £11.00 | 42-047 Hampton Hill Platelayers Hut. | £7.00 | ND100M Terrier 62 'Markie' Stroudley | £59.99 | | |
| | 372-227 No. 42765 Crat 7 BR Black E.E. | £83.99 | 372-950B HFA Hopper + dust cover - Railfreight whtd. | £10.00 | 42-054 Art Deco Signal Box. | £44.99 | ND100N Terrier 62 'Markie' Blk L.C. | £59.99 | | |
| | 372-278 'Tangent' 45000 BR Green L.C. | £83.99 | 372-971A 12 Ton Vans - Van Wagon Hops Ends EWS. | £9.19 | 42-056 Art Deco Station Building. | £38.99 | ND100P Terrier No. 67 001 EWS (Dummy) | £91.99 | | |
| | 372-279 'Tangent' 45000 BR Green L.C. | £83.99 | 372-971B POA Box Mineral Wagon Tiger. | £8.17 | 42-074 Bus Depot. | £11.00 | ND101A 67 No. 67 001 EWS (Dummy) | £91.99 | | |
| | 372-314 Jubilee 45642 'Roaring' BR Green. | £95.99 | 372-999A Bogie Bolster BR Olive Green. | £18.38 | | | ND101B 67 No. 67 022 EWS (Dummy) | £91.99 | | |
| | 372-479 Jubilee No. 55598 'Bahamas'. | £79.99 | 372-001A Sealion Hopper Dutch. | £19.99 | | | ND103B 58 No. 58 023 Railfreight | £74.99 | | |
| | 372-531 Std 4MT No. 80096 BR Black L.C. | £74.99 | 372-002A Sealion Hopper EWS. | £19.99 | | | ND112B 58 No. 58 024 Trainload Coal. | £74.99 | | |
| | 372-675 No. 46147 'North Eastern'. | £95.99 | 372-025B 5 Plank Steel Floor No. 156 - John Arnold & Sons. | £6.50 | | | ND113C 58 No. 58 037 Freightliner. | £74.99 | | |
| | 372-676 'Gordon Highlander' BR G. | £95.99 | 372-026B 5 Plank Steel Floor No. 255 - Tarbitulmac. | £5.50 | | | ND114B 58 No. 58 037 Freightliner. | £74.99 | | |
| | 372-577 No. 6115 'Scots Guardsman' LM Bk. | £95.99 | 372-027B 5 Plank Steel Floor No. 354 - Shap Tarmet Granite. | £5.50 | | | ND115B 58 No. 58 037 Freightliner. | £74.99 | | |
| | 372-592 8750 Pannier GWR 4605. | £93.99 | 372-028B 7 Plank End Door No. 107 - Crane & Company. | £5.50 | | | ND116B 58 No. 58 037 Freightliner. | £74.99 | | |
| | 372-651 4MT No. 76220 BR Black E.E. | £95.99 | 372-100A JGA Hopper Budman Line. | £19.99 | | | ND117B 58 No. 58 044 Unbranded Grey. | £91.99 | | |
| | 372-652 4MT No. 76220 BR Black E.E. | £98.99 | 372-101A JGA Hopper Budman Line. | £19.99 | | | ND118B 58 No. 58 044 Unbranded Grey. | £91.99 | | |
| | 372-801 AF No. 60156 'Great Central'. | £114.99 | 372-152B 7 Plank Fwd End No. 17 - Foster & Connell Transport. | £7.00 | | | ND119B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 372-802 A1 No. 60147 'North Eastern'. | £114.99 | 372-175B 7 Plank Fwd End No. 17 - Foster & Connell Transport. | £7.00 | | | ND120B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 372-177 7 Plank Fwd End No. 17 - Foster & Connell Transport. | £7.00 | 5 with coke rail - Exeter Gas Company. | £7.00 | | | ND121B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 372-204 A1 No. 1644A with Coke Rail - Thos Ward. | £7.00 | 5 with coke rail - Exeter Gas Company. | £7.00 | | | ND122B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-308A MK1 57ft Suburban 2nd Class BR Crimson | £14.99 | 372-205A 5 Plank Steel Floor No. 554 - Shap Tarmet Granite. | £5.50 | | | ND123B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-308A MK1 57ft Suburban Composite BR Crimson | £14.99 | 372-206A 5 Plank Steel Floor No. 554 - Shap Tarmet Granite. | £5.50 | | | ND124B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-308A MK1 57ft Suburban Open Second BR Crimson | £14.99 | 372-207B 7 Plank End Door No. 107 - Crane & Company. | £5.50 | | | ND125B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-311A MK1 57ft Suburban Brake Coach BR Crimson | £14.99 | 372-301B 20 Ton Ex-LMS Brake Van No. MT23484 in BR (M) Grey. | £5.50 | | | ND126B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-311A MK1 57ft Suburban Brake Coach BR Crimson | £14.99 | 372-325 Confat with AF Container No. AF 16115B (Blue). | £7.50 | | | ND127B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-477 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-326 Confat with AF Container No. AF 16115B (Blue). | £7.50 | | | ND128B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-478 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-327 Confat GWR. | £7.50 | | | ND129B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-479 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-328 Confat GWR. | £7.50 | | | ND130B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-480 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-329 Confat GWR. | £7.50 | | | ND131B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-481 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-330 Confat GWR. | £7.50 | | | ND132B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-482 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-331 Confat GWR. | £7.50 | | | ND133B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-483 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-332 Confat GWR. | £7.50 | | | ND134B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-484 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-333 Confat GWR. | £7.50 | | | ND135B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-485 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-334 Confat GWR. | £7.50 | | | ND136B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-486 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-335 Confat GWR. | £7.50 | | | ND137B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-487 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-336 Confat GWR. | £7.50 | | | ND138B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-488 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-337 Confat GWR. | £7.50 | | | ND139B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-489 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-338 Confat GWR. | £7.50 | | | ND140B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-490 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-339 Confat GWR. | £7.50 | | | ND141B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-491 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-340 Confat GWR. | £7.50 | | | ND142B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-492 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-341 Confat GWR. | £7.50 | | | ND143B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-493 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-342 Confat GWR. | £7.50 | | | ND144B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-494 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-343 Confat GWR. | £7.50 | | | ND145B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-495 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-344 Confat GWR. | £7.50 | | | ND146B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-496 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-345 Confat GWR. | £7.50 | | | ND147B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-497 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-346 Confat GWR. | £7.50 | | | ND148B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-498 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-347 Confat GWR. | £7.50 | | | ND149B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-499 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-348 Confat GWR. | £7.50 | | | ND150B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-500 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-349 Confat GWR. | £7.50 | | | ND151B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-501 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-350 Confat GWR. | £7.50 | | | ND152B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-502 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-351 Confat GWR. | £7.50 | | | ND153B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-503 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-352 Confat GWR. | £7.50 | | | ND154B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-504 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-353 Confat GWR. | £7.50 | | | ND155B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-505 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-354 Confat GWR. | £7.50 | | | ND156B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-506 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-355 Confat GWR. | £7.50 | | | ND157B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-507 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-356 Confat GWR. | £7.50 | | | ND158B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-508 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-357 Confat GWR. | £7.50 | | | ND159B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-509 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-358 Confat GWR. | £7.50 | | | ND160B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-510 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-359 Confat GWR. | £7.50 | | | ND161B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-511 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-360 Confat GWR. | £7.50 | | | ND162B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-512 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-361 Confat GWR. | £7.50 | | | ND163B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-513 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-362 Confat GWR. | £7.50 | | | ND164B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-514 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-363 Confat GWR. | £7.50 | | | ND165B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-515 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-364 Confat GWR. | £7.50 | | | ND166B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-516 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-365 Confat GWR. | £7.50 | | | ND167B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-517 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-366 Confat GWR. | £7.50 | | | ND168B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-518 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-367 Confat GWR. | £7.50 | | | ND169B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-519 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-368 Confat GWR. | £7.50 | | | ND170B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-520 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-369 Confat GWR. | £7.50 | | | ND171B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-521 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-370 Confat GWR. | £7.50 | | | ND172B 58 No. 58 053 Northern Rail. | £91.99 | | |
| | 374-522 Mk3 SLEP Sleepers Car BR Blue & Grey. | £14.99 | 372-371 Confat GWR. | £7.50 | | | ND1 | | | |

A MARKET FIRST EXCLUSIVE

The only Flying Scotsman Clock with sound and movement!

The FLYING SCOTSMAN

MOVES



Around the base
on the hour

Relive the romance and allure of the bygone era of steam, with the Flying Scotsman Memories of Steam Clock, handcrafted to commemorate the 80th anniversary of the Flying Scotsman's non-stop run between London and Edinburgh.

CRAFTED FROM 15
AUTHENTICALLY DETAILED
SCULPTS!

Requiring more than a year of intricate handcrafting to perfect, this extraordinary first-of-a-kind delicately captures the atmosphere of a historic station, filled with nostalgia...

- exclusively handpainted in a three-dimensional design
- the Flying Scotsman moves around its track on the hour
- the train moves to the genuine sound of the original locomotive
- the Stationmaster emerges from his 'office' to announce its arrival
- the clock itself is a replica of the front of the locomotive's engine and features a precision quartz movement

SUPERB VALUE –
SATISFACTION GUARANTEED

This exclusive clock is a unique collector's piece and strong demand is expected. Act now to acquire yours for five monthly instalments of only £25.99. That's terrific value at just £129.95 (plus £9.99 postage & handling*), backed by our 365-day money-back guarantee. Reply today, but pay nothing now; simply complete and return your Reservation Application today!

FIND OUT MORE ABOUT LOCOMOTIVE 4472...

| | |
|----------------|-------------------------|
| DESIGNER: | SIR NIGEL GRESLEY |
| BUILDER: | DONCASTER RAILWAY WORKS |
| BUILD DATE: | 1923 |
| ORIGINAL COST: | £7,944 |
| CONFIGURATION: | 4-6-2 |
| TOP SPEED: | 100MPH (161KM/H) |
| CLASS: | A1 |
| NUMBER: | 1472, RENUMBERED 4472 |
| RETIRIED: | 1963 |

www.bradford.co.uk

If ordering online, please quote
reference code P284577

Produced under licence from National Museum of Science and Industry Trading Ltd. A credit check may be carried out by a licensed Credit Reference Agency. All Flying Scotsman marks owned and registered by NMSIT Ltd. © NMSIT 2008. All rights reserved.



FLYING SCOTSMAN
BACK ON
THE RAILS 2012

AUTHENTIC
SOUND

Hear the actual
Flying Scotsman
thunder around the
track every hour

AN OFFICIAL



PRODUCT

MEASURES
AN IMPRESSIVE
22 INCHES
TALL

Your exclusive clock measures an impressive 22 inches (56cm) tall!

PAY NOTHING NOW

THE
BRADFORD EXCHANGE
RESERVATION APPLICATION

Please Respond Promptly

To: The Bradford Exchange, PO Box 653, Stoke-on-Trent ST4 4RA

YES! Please reserve the Flying Scotsman 'Memories of Steam' Clock for me as described in this advertisement. I need PAY NOTHING NOW!

Certificate of Authenticity and 365-day Money-back Guarantee

Name (Mr/Mrs/Miss/Ms) _____ (PLEASE PRINT)

Address _____

Postcode _____ Telephone _____

Email Address _____

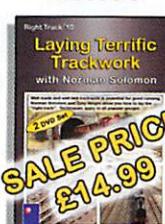
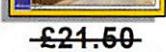
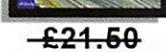
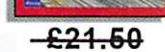
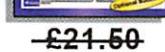
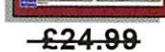
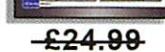
Signature _____

From time to time The Bradford Exchange may allow carefully screened companies to contact you. If you do not wish to receive such offers, please tick box

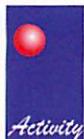
Order Ref:P284577

The "Right Track" DVD Series

SALE - BIG DISCOUNTS on selected DVDs - SALE

| | | | | | | |
|--|---|---|---|--|---|---|
|  SALE PRICE £29.99 £21.50 |  SALE PRICE £29.99 £21.50 |  SALE PRICE £15.99 £21.50 |  SALE PRICE £15.99 £21.50 |  SALE PRICE £10.99 £21.50 |  SALE PRICE £15.99 £21.50 |  SALE PRICE £15.99 £21.50 |
|  SALE PRICE £10.99 £21.50 |  SALE PRICE £10.99 £21.50 |  SALE PRICE £10.99 £21.50 |  SALE PRICE £12.99 £21.50 |  SALE PRICE £14.99 £24.99 |  SALE PRICE £14.99 £24.99 |  NEW RELEASE! £21.50 |
|  SALE PRICE £10.99 £21.50 |  SALE PRICE £10.99 £21.50 |  SALE PRICE £10.99 £21.50 |  SALE PRICE £12.99 £21.50 |  SALE PRICE £14.99 £24.99 |  SALE PRICE £14.99 £24.99 | |
| | | | | | | |

Sale Ends 29th February **Discounts available whilst stocks last**



Order online from:

www.model-railway-dvd.co.uk

01476 861 988 with your debit / credit card details

...or phone:

or mail order: Activity Media (H.M), 29, Back Lane, Colsterworth. Lincs. NG33 5HU

WANTED

ELLIS CLARK TRAINS



Top prices paid for your
Trains and diecast,
Anything considered!

Hornby - Bachmann - Wrenn -
Graham Farish - Marklin -
Heljan - Lima - Dapol -
Diecast - Tinplate - Etc... Etc...



Call: 07799554491
Email: ellis@ellisclarktrains.com

Or post a list to:

Ellis Clark
Unit 25 Baildon Mills
Northgate, Baildon, Shipley
West Yorkshire
BD17 6JX



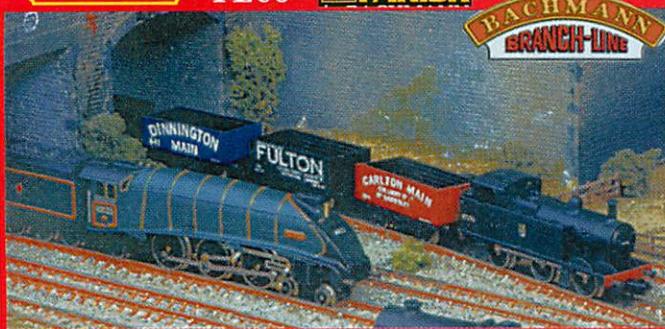
West Midlands Analogue and Digital Railway Shop

HORNBY®

PECO

GRAHAM FARISH

BACHMANN
BRANCH-LINE



TAKE A LOOK NOW IF YOU LIVE NEAR

or our website www.aoakes.co.uk

- Hornby or Bachmann Digital systems
- COME AND TRY THEM!
- Train demonstrations every Saturday
- Advice
- Chip fitting service

WINTER
SALE
on til the end
of February

A. OAKES LTD.

174-180 Vicarage Road, Oldbury,
West Midlands B68 8JB

Store Hours: Mon to Sat 9 - 5.30, Wednesday 9 - 12.30
Customer Car Park - 0121 552 1684

modelenium

9 Evans Business Centre, Dunns Close, Nuneaton, CV11 4NF. Tel: 02476 322226/7
Opening Times: 9 - 4.30 Mon, Tues, Thurs, 9 - 4.00 Fri, Sat, Closed Weds, Sun

SECURE ONLINE ORDERING AT WWW.RAILWAYCOLLECTABLES.CO.UK

Hornby 2012 products now available to order



QUALITY BRASS MODELS IN GAUGES 00, 0 AND 1

Hear the chime whistle, the safety valves and the 3 cylinder beat!



All brass models beautifully painted with choice of liveries



Photos by Tony Wright



GOLDEN AGE MODELS
LIMITED

Please contact for details of full range and prices
www.goldenagemodeles.net
to view our photos and DVD with sound

Golden Age Models Limited, P.O. Box No. 888, Swanage, Dorset, BH19 9AE
Tel: 01929 480210 (with answerphone) E-mail: quentin@goldenagemodeles.net

www.ontracks.co.uk Phone 01981 241 268

NEW – NCB Industrial 0-6-0T Locomotive



Built: Late 1880's
Manufacturer: Barclay
Length: 27ft
Livery: National Coal Board
Era Post Second World War
Hornby & Bachmann Compatible
Due June 2012
Code HES0033
Pre Order Price £49.99



Phosphorous Tank Wagon
Weathered and Chemically Stained .
Era 1970 - 1993
HE5489
£32.50

Marklin Z scale – Gift Cube Train Set 81564 Just £128 SAVE £35

Complete train set in just 21 x 16 inches!



Proses Track Circuit Tester
For HO, OO and N track systems.
For DC and DCC systems
Shows three different voltage levels. Ideal to spot power drop. 5-9V, 9-12V and +12V
£11.99
Code: CT-HO-01



www.ontracks.co.uk or give us a call. E&OE. UK P&P £4 OnTracks.co.uk, Pontrifal Business Park, Hereford, HR2 0AZ info@ontracks.co.uk



The Locoshed

48 Bury Old Road, Whitefield,
Manchester, M45 6TL



| O Gauge | |
|--|----------|
| DH 9F in BR Block 92212 | £1595 |
| OO Gauge | |
| R794 Advanced Passenger train set vgc boxed | £189.00 |
| R2139 Hornby Wincuter Train pack with 9F Ltd edition | £139.00 |
| R2689 Duchess of Hamilton in LMS as at the NRM | £139.00 |
| Bachmann 32-475 Class 40 in BR Blue 40075 | £79.00 |
| Bachmann 32-3762 Class 37 in BR green Ben Crookshank | £140.00 |
| Bachmann 32-525 Delhi prototype DPT Mint Boxed | £249.00 |
| Hornby R2309 King George IV BR blue | £125.00 |
| Hornby R2262 Duchess of London BR maroon | £125.00 |
| 00 Gauge | |
| Hornby R2338 Sir Charles Newton in NE block | £125.00 |
| Hornby R2965 A4 Silver Link Ltd Edt. | £149.00 |
| Hornby R1041 Live Steam Mallard set LNER blue | £295.00 |
| Hornby R2817 Devon Belle Train Pack with Wadebridge | £255.00 |
| Various items of rolling stock all in vgc from | £4 each. |
| 009 | |
| Kit built 2-6-2 Lynton and Barnstaple Tank in SR | £99.00 |
| Various coaches and wagons swb and Lwb | |
| EEF 1:76 OO Scale 3 Car London Transport Underground train unboxed | £89.00 |

North Manchester's friendly Modellers and Collectors centre welcomes you for new & pre owned model railways in gauges Z to G.

We also stock Model Aircraft, Buses, Trams, Military Modelling, Spares, Bits n Bobs and accessories

DCC fitting and repair service.

Hornby, Bachmann, Dapol, Trix, Wrenn, Farish, Airfix, Corgi. Etc

We buy sell or exchange. Quality items always wanted, single items or collections.

All models in vgc unless stated. P&P £5.00 any item.

Free private parking for 4 cars at the door. 1/2 mile Jct 17 M60 and 300 yds Besses's o the Barn Metrolink station. Regular express bus service No 135/137 pass the door every 10 mins. Opposite the "Welcome" Public House.

Open Tues to Saturday 10am -5.30 pm

Late night Thursday until 7.00pm - Closed Sundays and Mondays

Tel: 0161 798 7021 or 0161 772 0103

Mobile: 075904 13177

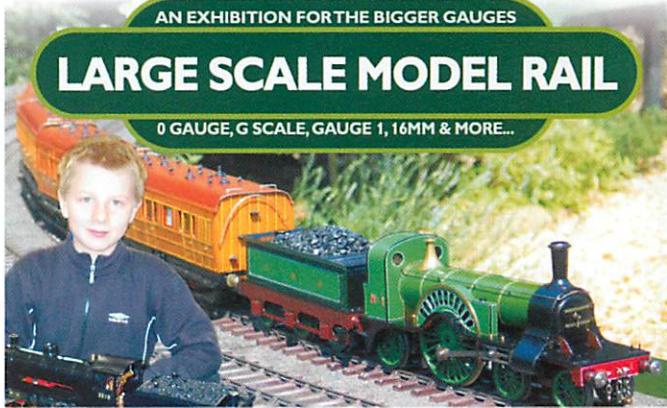
email: thelocoshed4@aol.com

THE MIDLANDS GARDEN RAIL SHOW

AN EXHIBITION FOR THE BIGGER GAUGES

LARGE SCALE MODEL RAIL

O GAUGE, G SCALE, GAUGE 1, 16MM & MORE...



The Midlands Garden Rail Show – Bigger than ever!

Saturday 17th &
Sunday 18th March 2012

10.00am - 4.00pm daily

Last admission 1 hour before closing

Warwickshire
Exhibition
Centre

Fosse Way, Leamington Spa, CV31 1XN

Inspiration if you're planning
your garden railway - see
live steam, gas and coal fired
locomotives.



The Show for the larger
scales: O Gauge, G Scale,
Gauge 1, 16mm and more...
See nearly 15 layouts

Over 35 leading suppliers
who will help you to create
your dream layout including
locomotives, track, coaches,
rolling stock and accessories.

FREE car parking

Full restaurant
facilities



Ticket Prices

Adult/Senior Citizen £6.50

Child (under 16's) FREE

When accompanied by a full paying adult

Tickets are available
on the door - there are
no advance ticket sales



www.largescalemodelrail.co.uk

Meridienne Exhibitions Ltd

Tel: 01926 614101

Collectors' Limited Edition Model No.5 00 Gauge English Electric Type 3, Number D6711,



Price
£89.95
Fully inclusive of
recorded UK
post and
packing*

IAPP27169

Collectors' Limited Edition Model No.4 00 Gauge Class 47/4 47572 Ely Cathedral with BR large logo blue



Price
£89.95
Fully inclusive of
recorded UK
post and
packing*

IAPP26664

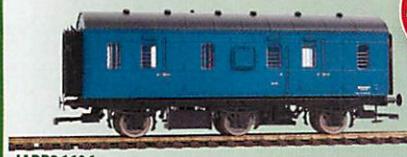
Ex-LMS 'Stove R' - '00' gauge 4mm scale



IAPP26604



IAPP26602



IAPP26606



IAPP26605

MODELS AVAILABLE ARE AS FOLLOWS

| | | |
|-----------|--------|-----------------------------------|
| IAPP26600 | HM001 | LMS lined maroon with maroon ends |
| IAPP26601 | HM002 | LMS lined maroon with black ends |
| IAPP26602 | HM003a | BR Crimson |
| IAPP26603 | HM003b | BR Crimson |
| IAPP26604 | M004a | BR Maroon |
| IAPP26605 | M004b | BR Maroon |
| IAPP26606 | HM005 | BR Blue |

Price
£28.50
Postage £1.50 per
order (UK)
£3.50 per order
overseas

DAPOL

Southern station building

HORNBY

Price
£18.95
POST
FREE



Ian Allan Publishing has teamed up with Hornby to offer a unique Skaledale '00' gauge station building. The timber clad LSWR structure is based on that at Medsted and Four Marks on the Mid Hants Railway.

IAPP26696

Bus Collectors' Limited Edition Model No. 4
Kentish Bus Liveried Leyland Olympian

Exclusive
First
Editions

Price
£22.95
Fully inclusive of
recorded UK
post and
packing*

IAPP26695

Bus Collectors' Limited Edition Model No. 5 Brighton & Hove, Thomas Tilling Liveried RML Routemaster

Bus Collectors' Limited Edition Model No. 3
Great Yarmouth Transport
Liveried Routemaster, RML2717

Price
£20.95
Fully inclusive of
recorded UK
post and
packing*

IAPP26693



Price
£23.50
Fully inclusive of
recorded UK
post and
packing*

IAPP26694

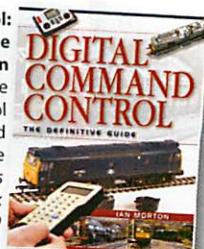
New and Recent Releases

Digital Command Control: The Definitive Guide By Ian Morton

This new title forms the ultimate guide to Digital Command Control and is a must have for all rail and modelling enthusiasts worldwide

160 pages
Hardback

IAPP27871 £19.99

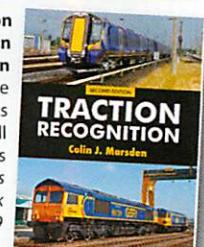


abc Traction Recognition Second Edition by Colin J. Marsden

Following the massive success of the first edition, Colin J. Marsden presents this fully up-to-date guide for all modern traction enthusiasts

296 pages
Hardback

IAPP27874 £16.99

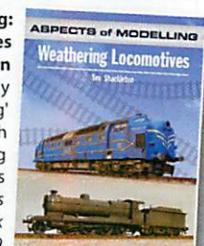


Aspects of Modelling: Weathering Locomotives by Tim Shackleton

The newest addition to the hugely successful 'Aspects of Modelling' series provides readers with comprehensive guide to weathering locomotives

96 pages
Paperback

IAPP27872 £14.99

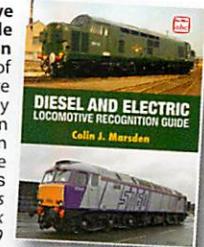


Diesel and Electric Locomotive Recognition Guide by Colin J. Marsden

A single reference book covering all of the diesel and electric locomotive classes, both withdrawn and currently active, that operated on Britain's main line railways, providing information on variants, technical details and a range of predominantly colour illustrations

248 pages
Laminate Hardback

IAPP27875 £19.99

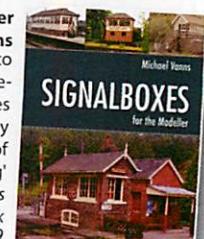


Signalboxes for the Modeller by Michael Vanns

Signalboxes for the Modeller aims to provide the modeller with a more detailed examination of signalbox types and design which have previously been mentioned briefly in 'Aspects of Modelling Signalling'

80 pages
Paperback

IAPP27873 £14.99



HOW TO ORDER:

Buy online at www.ianallanplus.co.uk (P&P apply)

Call 0844 245 6944 (UK) +44 (0)1795 414975 (Overseas)

E-mail: ianallanplus@servicehelpline.co.uk

Write to: Ian Allan Plus, 800 Guilliat Avenue, Kent Science Park, Sittingbourne, ME9 8GU

Or visit one of our Ian Allan Book & Model Shops:

BIRMINGHAM, 12 Ethel Street, Birmingham, B2 4BG

Tel: 0121 643 2496

CARDIFF, 31 Royal Arcade, Cardiff, CF10 1AE

Tel: 029 2039 0615

LONDON, 45/46 Lower Marsh, Waterloo, London, SE1 7RG

Tel: 020 7401 2100

MANCHESTER, 5 Piccadilly Station, Approach, Manchester, M1 2GH

Tel: 0161 237 9840

Post & Packing: UK mainland: add 10% (min £4.50, max £8.00). Over £80 Post Free. Overseas: Add 15% (min £6.00); 10% for £200+ orders. Highlands & Islands add £3.00 extra.

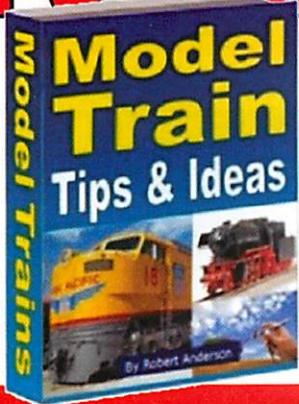
Payment:

Visa/Mastercard/Eurocard/Connect/Maestro, Sterling cheque, drawn on a UK bank; US Dollar check (no surcharge); IMO; British Postal Orders. Orders are sent Surface Mail, but Air Mail despatch by arrangement. We will advise you of any undue delay. Titles offered in this advert are subject to availability and any price change. E & EO.

Get ALL The Clever Model Railroading Ideas, And Step-By-Step Tutorials You'll Ever Need To Help You Build THE PERFECT Model Train Layout... Saving You Time, Money, And Frustration!

www.modeltrainclub.org/hm.html

**DOWNLOAD
FREE**



www.modeltrainclub.org/free.html

EXPERIENCE THE ULTIMATE IN CONTROLLER TECHNOLOGY

£125
PLUS £8.95 P&P

£69
PLUS £8.95 P&P

£69
PLUS £8.95 P&P

The V series controllers have state-of-the-art design, electronics and construction and offer the very best performance capability, both at slow and fast speeds. The 220/240 volts AC mains powered controllers are designed with a separate transformer for each track supplying the correct voltage and current required. Each track has automatic reset circuit breakers to protect against overload. Our controllers are fitted with an on-board **CAPACITOR DISCHARGE UNIT (CDU)** for positive points motor operation. A 12V DC accessories output is included on the Vesta N and Vector, the Vortrak 09 has two outputs. The anodised front panel displays provide clear indications of switch, control knob and LED functions and positions. The dark grey case has a sloping control panel. The Vesta N and Vector are supplied with 2 centre off, power and direction change **HAND HELD CONTROLLERS** with a 2.5m cable for ease of layout operation, the Vortrak 09 is supplied with 2 hand helds each with 5.0m cable. The Vesta N design and construction is honed to the requirements of N gauge motors, and the Vector and Vortrak 09 cover all small gauges including "00" "HO" and "N". Dimensions: Vector and Vesta N 215mm wide, 130mm high and 75mm deep. The Vortrak 09 is 312mm wide, 170mm high and 85mm deep.

Order today at (Secure order site)
www.morleycontrollers.com

or telephone Morley Controllers on 01704 533 116
(Overseas enquiries +44 1704 533 116)

Morley Controllers – Choose the best!



PO Box 501, Southport, PR9 9ZL
Email enquiries: jet@morleycontrollers.com

Also at PO Box 1230, Wangara BC, Perth, Western Australia 6947 Tel: (08) 930 56358. <http://aus.morleycontrollers.com>



New, Pre-owned & Vintage

Model Trains

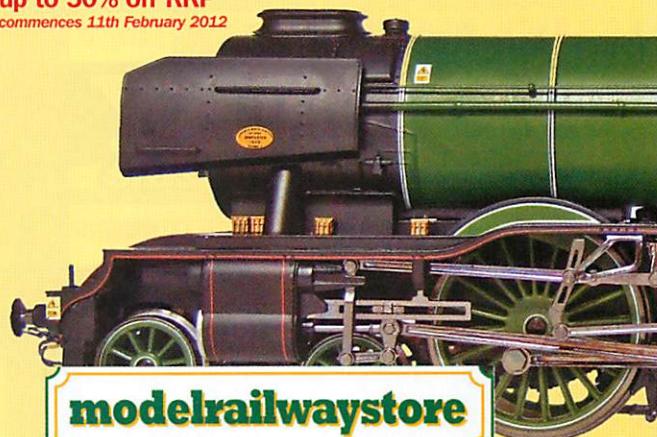
SALE!

Winter Sale

up to 50% off RRP

commences 11th February 2012

Scan QR code to visit our web site



modelrailwaystore

High Street Mews 28 High Street Leighton Buzzard Bedfordshire LU7 1EA

01525 854788

Store Opening Hours 8.30am - 5.30pm Monday - Saturday

Secure on line ordering through Web site www.themodelrailwaystore.com



Steam Locomotives:

| | |
|--|------|
| 31-001 Robinson Class 04 BR late | £95 |
| 31-002 Robinson Class 04 BR early | £100 |
| 31-004 Robinson ROD Class O4 W | £122 |
| 31-005 Robinson 04 LNER | £115 |
| 31-059 J72 Tank BRLate | £51 |
| 31-117 DC Class 4MT BR Early | £108 |
| 31-129 Rod 3000 class 3031 | £120 |
| 31-177 DS Jubilee 45593 Kolhapur sound | £202 |
| 31-178DC Jubilee 45659 'Drake' BR | £102 |
| 31-211 Patriot class 45543 'Home Guard' 92 | £92 |
| 31-479 G2A (Super D) no back cab | £84 |
| 31-527 Class A2 Tudor Minstrel 60528 BR | £98 |
| 31-563 31-563 V2 60865 BR Late | £80 |
| 31-625 Class 3F BR Black Late | £70 |
| 31-626 Class 3F early | £70 |
| 31-976A BR Class 3MT Tank | £68 |
| 32-082 Class 56xx 5639 BR Late, W. | £52 |
| 32-165 DC N class "31869" Weathered | £90 |
| 32-180 Crab 42919 BR Late Crest | £73 |
| 32-181 Crab Mogul 1300 LMS | £78 |
| Diesel / Electric Locomotives: | |
| 31-516 Class 148 Central trains | £82 |
| 31-577 Windhoff MPV | £110 |
| 31-585 70 70006 PowerHaul Freightliner | £75 |
| 32-115 Class 08 Diesel 08173 BR Wth'd | £54 |
| 32-116A Class 08 shunter D3986 | £52 |
| 31-362A Class 03 shunter 03045 | £50 |
| 32-406 Class 25/3 Diesel BR D5255 | £53 |
| 32-466 Class 170/5 2 Car DMU | £84 |
| 32-529 Class 55 D9014 | £84 |
| 32-679DS Class 45 D27 BR green | £160 |
| 32-703 Class 46 D186 BR W. | £72 |
| 32-783DS Class 37 BR Blue, sound | £152 |
| 32-804 Class 47 D1572 BR | £72 |
| 31-586 70 70003 PowerHaul Freightliner | £75 |
| R2963X Class 31 A1A - A1A | £120 |

For full details of all stock availability visit our web site www.themodelrailwaystore.com or tel 01525 854788 Postage UK £3.95 Europe £12 Rest of the world £18



Download *Hornby Magazine* to your iPad or iPhone



Available on the
App Store



Come and see
a demonstration
on our stand at
Model Rail Scotland
24-26 February

- Get your digital copy the same day as it's published
- An enhanced copy of the magazine in convenient digital format
- Six month trial subscription for only £15.99
- Back issues available
- Why not try one issue for just £2.99*

*Trial offer

BUY DIRECT FROM

- www.apple.com/itunes
- www.pocketmags.com

HORNBY
magazine

New to MODEL RAILWAYS?

We have everything you need to
Get Started!

00 & N Gauge

Scenery • Kits • Electrical
Paints • Glues • Tools • Preowned

Order Your
Starter Pack
Today

- ✓ Track Plans
- ✓ Info Booklets
- ✓ DVDs & more

Just £20
+P&P

Thursday Evening
Free Workshops

See website for details

Shop with us online

www.gascupboard.co.uk

FREE DELIVERY ON ORDERS OVER £40

Sundeala Hobby Board Stockists

3 boards for Hornby Track Mats £49.50 Inc. Delivery

**THE GAS CUPBOARD
MODELS & HOBBIES**

Call 01373 825825

53a Castle St, Trowbridge, Wilts

Illustrated Catalogues Including Post

00,009 (1/76th Scale).....£4.10 Full Colour.....£7.40
N Catalogue (1/148th).....£3.70 Full Colour.....£6.40
0 Catalogue (1/43rd).....£2.70 Full Colour.....£4.60
Mail Order By Return P+P £2.50, over £25 Sent Post Free
Unpainted metal kits glue with epoxy glue £5.30



00 SCALE Horse Drawn
Bulk Tanker (oil/petrol/
milk) incl colour artwork
£16.55, brass lattice
footbridge £39.90 lots of
kits in our 00 catalogue

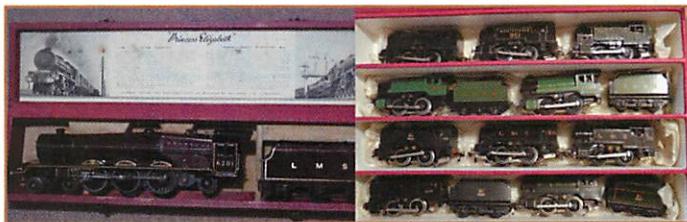
LANGLEY MODELS
166 Three Bridges Road, Crawley, Sussex, RH10 1LE
Tel: 01293 516329 Fax 01293 403955 www.langleymodels.co.uk

| | | | |
|--|---------|--|---------|
| 4 large Oak Barrels | £ 4.35 | 2 Loco Crew - 1930's/50's | £ 2.45 |
| 6 Aluminium Beer Barrels | £ 4.20 | 2 Loco Crew - Diesel drivers | £ 2.45 |
| 2 large Wooden Packing Cases | £ 4.60 | 4 deckchairs with figures | £ 6.60 |
| Lifebelts & stands | £ 4.30 | 6 assorted Color Gas Cylinders | £ 3.95 |
| Bath tub, mangle & bucket | £ 4.30 | Waterfowl (Swans, ducks, Geese etc) | £ 4.50 |
| Rabbit hutch & coal bunker | £ 4.30 | Fencing - brass-circle & arrow patterns | £ 10.20 |
| Sundial, birdbath & 2 flower urns | £ 3.95 | Fir Bucket Rack and fire Extinguisher | £ 4.90 |
| Mower, roller, wheelbarrow & seedtrays | £ 4.30 | 8 x Modern Beer Kegs | £ 4.05 |
| Water butt & 5 tubs with flowers | £ 4.30 | Bee Hives & Beekeepers | £ 5.25 |
| 3 assorted Name/sign boards | £ 4.30 | Coalman Scales and coal sacks | £ 4.90 |
| 8 assorted Milk Churns | £ 4.05 | 2 x Air Conditioning Units | £ 4.25 |
| 6 Oil drums | £ 4.05 | Ornate Cast Iron Fencing for Stately Home | £ 10.20 |
| Gantry Hoist | £ 12.85 | Ornate Gates for Stately Home (fencing 237) | £ 10.20 |
| Private siding gate | £ 6.25 | Illuminated Camp Fire (incl resistor&led) | £ 4.25 |
| NEW 2xSmall 5 bar gate | £ 5.65 | 4 x Wheeled Bins | £ 4.25 |
| Band stand | £ 15.00 | 2 x Large Cable Drums | £ 4.60 |
| Seated Band-Civil Uniform (8 figures) | £ 8.80 | 4 x Bulk Building bags | £ 4.25 |
| etched brass Seats & Music stands | £ 7.35 | 4 x Lightweight pallets and sack loads | £ 4.60 |
| Marching Guards Band (10 figures) | £ 10.50 | Building Skip with Rubbish load | £ 5.95 |
| Kitted Pipe & Drums Band (10 figures) | £ 11.45 | 10 Children playing (modern 80s) | £ 6.20 |
| 2 kitted Pipers & 2 Highland Dancers | £ 3.35 | Delivery Tricycle and Box incl transfers | £ 6.20 |
| 15 ass. Street Bollards (3 types) | £ 4.05 | Ice Cream Tri-cycle & salesmen incl transfers | £ 6.20 |
| 20 ass. Chimney Pots (10 types) | £ 4.05 | Windmill-Smock Mill (detailed brass-etch) RRP £110 | £ 99.95 |
| 6 large Chimney pots(Kings & Queens) | £ 4.05 | 6 Tennis Players in action poses | £ 4.90 |
| 10 Road Traffic cones | £ 3.70 | Tennis umpire linesmen & ballboys 7 figs | £ 5.10 |
| Milkman with 9 milk crates | £ 4.20 | 1930's 10x Seated People / passengers £6.60 F16 | |
| assorted Beer and Cider crates | £ 4.60 | | |
| 4 x 1940/60s Petrol Pumps | £ 6.75 | | |
| Garage Workshop-Forecourt fittings | £ 7.80 | | |
| Garage 4 pillar Hydraulic Car Ramp | £ 5.30 | | |
| 2 Loco Crew - Victorian/Edwardian | £ 2.45 | | |



0 SCALE Series 6 Telephone box
1936 to present day £11.55. Loca
Crew £5.40
Lots more in our catalogue

| | |
|--|----------|
| 3 50's Women standing/shopping | £ 7.45 |
| 3 Vic/Edw Women standing shopping | £ 7.70 |
| 3 Travellers Figures (fishing boat) | £ 7.45 |
| 3 Working Women, scrubbing, mopping etc | £ 7.75 |
| 3 In the Kitchen (various of the night) | £ 9.95 |
| 3 seated Men | £ 7.45 |
| 3 seated Women | £ 7.45 |
| 3 Shopkeepers | £ 7.45 |
| 3 Milkman/beer workers & drayton | £ 7.95 |
| 3 Coalman Figure, scales & folded sacks | £ 3.60 |
| 6 Assorted Chickens & Cockerel | £ 5.20 |
| 45ft Fishing Trawler (resin, hollow hull) | £ 131.75 |
| 45ft Fishing Trawler-waterline resin | £ 109.25 |
| 10ft Tugboat (resin, hollow hull) | £ 9.60 |
| Steam Powered Winch (from plaffer) | £ 20.55 |
| 72ft Narrowboat-Motor boat 1 piece resin hull | £ 23.55 |
| 72ft Narrowboat-Motor boat (resin hull) | £ 23.55 |
| Waterside Transfers/Industrial Narrowboats above | £ 7.35 |
| Rotten Rowing Boat (holes in hull) | £ 6.85 |



Ryedale
AUCTIONEERS

Two day specialist sale 18/19th February

Includes a large private collection
of trains and railway related items
to be sold on day two, (19th).

Viewing starts on Friday 17th, 10am-7pm and morning
of sale 9am-11am, sale starts 11am.

Online bidding available and illustrated online catalogue and hard copy catalogues available, sale to include: Large selection of Hornby 'O' gauge including boxed Princess Elizabeth locomotive, large selection of over 100 other locos and a large selection of rolling stock, Pullman coaches, stations, signals and other accessories. Hornby 'OO' gauge, Trix items including boxed multiway station and conveyor, Wren, Bing items including early loco and carriages.

Large selection of track, controls, boxed items and accessories 'N' gauge, Tri-ang, and other toys, also railway signs and station clocks including double fusee movement.

In house postage and packing service available, large car park and onsite cafe, catalogues available online from 13th February and early viewing by appointment.

Ryedale Auctioneers
Cooks Yard, Kirkbymoorside, York, YO62 6DZ
Tel: 01751 431544
Email: hashworth@aol.com
www.ryedaleauctioneers.com



SHREWSBURY MODEL CENTRE



Knights Way, Battlefield Ent.Pk.

Tel: 01743 464004/7 Fax: 464002

Shrewsbury, SY1 3TJ, UK

FREE ON-SITE PARKING

P&P:
£3.99 Under 2Kg
£6.99 Over 2Kg
SHOP OPEN 9-5:30
MONDAY-SATURDAY

| | | | | | |
|--|---|--|---|--|---|
| L78302 £265.99 LGB Passenger complete G set | MP1102 £6.50 N Truss Bridge, built up | MP0316 £34.99 HO Old Coal Mine Kit | 44-3001x £69.99 25 HO/OO Nickel-Silver Flexi | MP5789 £5.99 HO/OO People Eating | MP1900 £3.99 Mercedes E Class silver |
| L78400 £219.99 LGB Big Train complete G set | MP1112 £6.50 N High Truss Bridge, built up | MP0423 £7.99 HO/OO Light Industrial / Refinery | MP0021 £0.55 HO/OO Steel 9" Straight track | MP5788 £5.99 HO/OO Crime Scenes | MP1901 £3.99 HO Mercedes C Class Sport |
| L32040 £89.99 LGB DRG Baggage Car | MP1329 £9.99 N Highway Street Set (6 pcs) | MP0443 £12.99 HO/OO Power Station kit | MP0033 £0.55 HO/OO Steel 18" curve | MP5787 £5.99 HO/OO Homeless People | MP1903 £3.99 Porsche 911 Carrera Cabrio red |
| L40884 £64.99 LGB SBB high sided open | MP1330 £9.99 N 10 Car 12 Figure Set | MP0469 £21.99 HO Building under Demolition Kit | MP0050- £9.99 Left Electrified Point & switch | MP5786 £5.99 HO City Park People | MP1904 £3.99 BMW 3 Series Convertible- black |
| L43673 £64.99 LGB D&RGW Box car | MP1333 £5.99 N Fat People (9 Figures) | MP0477 £18.99 HO/OO Globe News kit | MP0051- £9.99 Right Electrified Point & switch | MP5784 £5.99 HO/OO Prisoners (orange) | MP1909 £3.99 Porsche Boxster- black |
| L46860 £74.99 LGB SP Livestock Wagon | MP1335 £5.99 N Station People (9 Figures) | MP0564 £18.99 HO/OO Redwood Station Built & | MP0125 £2.99 HO NS Rail Joiners (48) | MP5783 £5.99 HO/OO Prisoners (black & white) | MP1913 £3.99 HO Mini Cooper- blue/ black roof |
| L50040 £12.99 LGB Track Cleaning Rubber | MP1336 £5.99 N Sitting People 2(9 figures) | MP0565 £25.99 HO/OO Shell Gas Holder Built & | MP0220 £2.99 Track fixing Pins Large Pack | MP5781 £5.99 HO Farmers Market | MP1915 £3.99 HO Audi TT Roadster- silver |
| MP0948 £9.99 G 57" Black Iron Fencing + Gate | MP1337 £5.99 N Work Crew (9 Figures) | MP0573 £12.99 HO/OO Bob's Hot Dogs Built & | MP0494 £7.99 HO Gas Lamp frosted Tens 1.5" | MP5780 £5.99 HO/OO Women on the Move | MP1919 £3.99 HO Mercedes 300SL Gullwing |
| MP0978 £4.99 G Traffic Stop sign, lighted, | MP1338 £5.99 N Station Service Crew(9 figs) | MP0605 £14.99 HO/OO Silverado Station kit | MP0496 £7.99 HO/OO Double Motorway Lights | MP5773 £5.99 HO Serving Staff | MP1922 £3.99 HO AC Shelby Cobra red |
| MP0980 £15.99 G Curve top Lamp post, lighted, | MP1339 £12.99 N Park Scene Figures (pk 20) | MP0611 £19.99 HO/OO Twin Track Loco Shed | MP0497 £7.99 HO/OO Single Street Lights | MP5766 £5.99 HO/OO Tennis Players | MP1923 £3.99 HO '55 Chevy Belair blue/white |
| MP0981 £15.99 G Ball Lamp post, lighted, brass | MP1341 £5.99 N Work People (9 Figures) | MP0616 £9.99 HO/OO Station Halt kit + 4 Figs | MP0500 £7.99 HO/OO Gas Lamp Round clear | MP5747 £5.99 HO/OO Utility Workers | MP1925 £3.99 HO 69 Chevy Camaro green |
| MP0982 £15.99 G Square Lamp post, lighted, | MP1342 £5.99 N Farm People (9 Figures) | MP0621 £29.99 HO/OO Supermarket kit Quickee | MP0547 £6.50 HO/OO 54" White Picket | MP5746 £5.99 HO/OO Action Sportsman & | MP1927 £3.99 HO 2003/4 Ford Thunderbird |
| MP0983 £15.99 G Gulf Petrol Station Sign | MP1343 £5.99 N Steam Era People (9 Figures) | MP0622 £19.99 HO/OO Warehouse kit | MP0550 £7.50 HO/OO Garage Sale Furniture | MP5741 £5.99 HO/OO Wedding Figures | MP1928 £3.99 HO Dodge Viper RT10 red |
| MP0984 £15.99 G Round Lamp post, lighted, | MP1344 £5.99 N Street People (9 Figures) | MP0624 £19.99 HO/OO Horse Drawn Lumber | MP0596 £9.99 HO/OO Traffic Lights & Switch | MP5740 £5.99 HO/OO Beach Figures | MP1929 £3.99 HO Pontiac Firebird black |
| MP0985 £15.99 G Round Lamp post, lighted, | MP1347 £5.99 N Deacon With His Flock | MP0625 £17.99 HO/OO 1940's Goods Depot kit | MP0704 £7.99 HO Shell Petrol Station Lights | MP5737 £5.99 HO/OO Vicar Pulpit & | MP1939 £3.99 HO Ford Crown Victoria New |
| MP0986- £15.99 G Telephone Poles (pack of 6) | MP1349 £5.99 N Tourists (9 Figures) | MP0628 £12.99 HO/OO Industrial Water Tower | MP0705 £7.99 HO Exxon (Esso) Petrol Station | MP5725 £5.99 HO/OO Sitting | MP1939 £3.99 HO Ford Crown Victoria Texas |
| MP0988 £15.99 G Brass Square Street Light | MP1352 £5.99 N Vicar & Congregation (9) | MP0630 £12.99 HO/OO Water Tower Built & lit | MP0706 £7.99 HO Gulf Petrol Station Lights | MP5722 £5.99 HO/OO Children Playing | MP1943 £3.99 HO Jaguar XKE E Type 1961 |
| MP0989 £15.99 G Brass Lighted Street Clock | MP1368 £5.99 N Masons & Bricklayers | MP0631 £13.99 HO/OO Searchlight tower Built & | MP0708 £14.99 HO/OO Add on Scenery Pack | MP5721 £5.99 HO/OO Commuters | MP1943 £3.99 HO Jaguar XJS Convertible |
| MP0992 £15.99 G Brass Esso Petrol Stn. Sign | MP1371 £10.50 N 72 Unpainted Sitting Figures w/ | MP0676 £19.99 HO/OO Chester Station Built & | MP0329 £9.99 HO Highway Street Set Lights | MP5712 £5.99 HO/OO Winter Scenes (Skiers) | MP1966 £4.99 VW Beetle with Caravan Yellow |
| MP0993 £32.99 G Billboard w/running LED's | MP1373 £5.99 N County Road Workers (9) | MP0677 £29.99 HO/OO Post Office & Truck, | MP0602 £9.99 HO/OO Building lighting & interior kit | MP5709 £5.99 HO/OO Station Crew | MP1967 £4.99 VW Karmann Ghia Caravan Blue |
| MP0997 £15.99 G Gooseneck Wall Light pk 3 | MP1378 £5.99 N People Eating (9 Figures) | MP0771 £29.99 HO/OO American Foundry | MP0011 £19.99 HO Smoke Generator Kit | MP5708 £5.99 HO/OO Standing People | MP1968 £4.99 VW Bus with Caravan Black |
| MP1000 £34.99 Operating Lighthouse G scale | MP1382 £5.99 N Crime Scenes (9 Figures) | MP1325 £19.99 HO/OO Double Track Curved | MP0012 £6.50 Universal Smoke Fluid 4 Oz (113 | MP5697 £5.99 HO/OO Fat People | MP1969 £4.99 Porsche 356B with Caravan Blue |

PLEASE VISIT WWW.SHREWSBURYMODELCENTRE.COM FOR OUR FULL RANGE

E-Mail: info@dccsupplies.com
UK Telephone: 0845 224 1601
International/direct Tel: +44 (0)1905
621 999

www.dccsupplies.com

DCC Control Systems, Accessories & decoders:

We are authorised dealers for a wide range of DCC Products. See our website for further details, call us or call in for a demonstration (booking advisable).

Informative books:



For The simplest Graham Farish
DCC Conversions:

The Digi-Hat™ and
the pHat-Hat™

On-board sound: The best upgrade any sound can have!

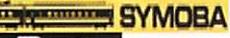
Bass reflex speakers—

- 3 sizes (standard, enhanced, slim)
- Loksound compatible (100Ohm)
- NEW Loksound V4 compatible (40Ohm)
- Soundtraxx™ compatible (8Ohm)



Plus all the accessories you could need for your layout—wire, point motors, accessory decoders, track, modelling & scenic materials, books, cleaning materials and much more....

www.dccsupplies.com
SSL Secured Website



Massoth



Opening Times: Monday—Friday 10am to 6pm, Visitor Welcome.

Unit 17A, Top Barn Business Centre, Holt Heath, Worcester WR6 6NH UK

GRIMY TIMES

WEATHERING SPECIALIST

ALL SCALES CATERED FOR • RE-NUMBERING AND RENAMING

EXCEPTIONAL QUALITY AND PRICE

YOUR SATISFACTION IS MY REPUTATION



WWW.GRIMYTIMES.CO.UK

CONTACT STEVE

TELEPHONE 01925 727436 MOBILE 07921830484

EMAIL grimytimes66@yahoo.co.uk

DCC Supplies

Excellence in model control

- We don't just sell products, we understand them and we take the time to match them to your needs.
- Design & produce innovative new products - The Digi-Hat, Bass reflex speakers, Common positive LED's, to name a few!
- Offer a complete DCC choice from over 1000 products by major DCC manufacturers, loco sounds, our own range of products, and all the major and minor items you'll need for building your layout.
- A DCC installation service for all scales and gauges.
- Offer free help and advice - We're always pleased to answer questions by phone or email.
- Teach you the facts in our series of workshop training days and free seminars.
- By the way... We also stock Traditional DC control, plus a full range of component, wiring, tools, modelling and scenic materials, and for those evenings off, try our range of interesting books.

SOUNDTRAXX™

Europe's only factory trained dealer

NEW DIMENSIONS IN DIGITAL SOUND TECHNOLOGY FOR THE MODEL RAILROADER

DCC Workshops

1-Day courses held at our premises.



Visit our website or contact us for dates and availability.

Carriage Lighting Bars:



The lighting bar contains an integrated dimmer control, anti-flicker (requires 220uF capacitor) circuit and will operate from any power source from 5v to 30v (AC/DC/DCC)



Lighting & effects:

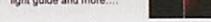


LED Lighting strips (9-18V, DC/AC)

We offer a range of Static & animated Neon signs.



Our Unique 3mm red/white LED (With resistor)
Plus standard LEDs, fibre light guide and more....



NORTHERN MODELLING EXHIBITION

EventCity, MANCHESTER
Next to the Trafford Centre, M41 7TB
Friday 2nd – Sunday 4th MARCH 2012

THE NORTH'S MAJOR
MODELLING SHOWCASE...
NOT TO BE MISSED!



Modelling Mecca

Hundreds and hundreds of superb scale models of all types. The exhibition will incorporate model engineering, model railways, marine modelling, aeromodelling, RC cars, trucks and tanks as well as military and plastic modelling with full support from clubs, societies & specialist suppliers.

Friday & Saturday 10.00am-5.30pm, Sunday 10.00am-5.00pm
Last admission one hour before closing each day.

| TICKET PRICES | DISCOUNT | FULL PRICE |
|--|----------|------------|
| Adult | £7.00 | £8.00 |
| Senior/Student | £6.00 | £7.00 |
| Child (5-14 years of age) | £2.00 | £3.00 |
| Family 1 (1 Adult and up to 3 children) | £9.00 | £11.00 |
| Family 2 (2 Adults and up to 3 children) | £16.00 | £19.00 |

Admission:

Tickets are available in advance by telephoning 01926 614101 or online at www.northernmodellingexhibition.co.uk

Discounted tickets are available in advance until 17th February 2012.

Full price tickets are available until 24th February 2012 or on the day at the ticket office.

www.northernmodellingexhibition.co.uk

CASTLE TRAINS

36 Smith Street
Warwick
CV34 4HS

Tel. 01926 410920
Fax. 01926 498476
www.castletrains.com

Warwickshire's Premier Model Shop offering International Mail Order Service

Visit our website for our huge online sale and beat the 2012 price increases

www.castletrains.com

Exclusive Limited Edition

The Royal Warwickshire Regiment

Bachmann Parallel Boiler Scot in LMS Crimson



Selling fast at only £89.99

Exclusive Limited Edition Wagons

OO Gauge

7 Plank Wagons - Dapol

Manton - Wigan Coal Co £ 7.99

7 Plank Wagons - Bachmann

Arley Colliery Co. Ltd SOLD OUT

Walker & Rogers, Warwick £ 8.99

Warwickshire Coal Co SOLD OUT

Warwick Gas Light Co £ 8.99

Tank Wagons - Bachmann

War Office Tank - Single £ 9.99

War Office Tank - Triple Pack £ 28.99

N Gauge

7 Plank Wagons - Dapol

John Walker, Warwick SOLD OUT

Warwickshire Coal Co SOLD OUT

7 Plank Wagons - Graham Farish

Arley Colliery Co. Ltd £ 5.99

Leamington Priors SOLD OUT

Walker & Rogers, Warwick £ 5.99

Warwick Gas Light Co £ 5.99

See us at the following exhibitions

Cheltenham 30th October
Warley 19/20th November

See your show in our future adverts: We are always looking to attend quality exhibitions across the country.

All items subject to availability. At the time of placing the advert all items are in stock or on order. We aim to despatch all orders within 48 hours of receipt, or as soon as possible thereafter. To get these prices in the shop, please quote the advert before purchase.

All major credit cards accepted.



Payment by Paypal accepted to sales@castletrains.com

Postage is charged on all orders and costs £4.50 per order, £6.50 next day insured, overseas at cost (please call).

Shop opening hours:
Monday - Saturday 9.00 - 5.30
Sunday 11.00 - 4.30

DAPOL N Gauge

Vi Trains

HORNBY

BACHMANN

DAPOL N Gauge



Class 156

Settle & Carlisle £ 69.99

Class 37

V2089 BR Blue £ 64.99

R1135 Train Set

Sheffield Pullman £119.99

Robinson Class 04

31-003 BR Early £ 109.99

Class 66

ND125 Fastline £ 59.99



2012 New Releases & Pre-orders



Train Sets

Steam Locos (continued)

| Train Sets | Steam Locos (continued) | Train Sets | Diesel Locos |
|---|---|--|---|
| R1137 Midland Star £ 59.99 | R2919X BR Class 3800 '2891' £ 106.99 | 30-007 Jack Starter Set £ 54.99 | 31-360 Class 03 BR Green plain £ 54.99 |
| R1139 Blue Rapier 395 £ 89.99 | R2920 LNER B17 Sandringham £ 94.99 | 30-041 Digital Starter Set £ 99.99 | 31-361A Class 03 BR Green wasp £ 54.99 |
| R1148 London 2012 Set £ 129.99 | R2920X LNER B17 Sandringham £ 104.99 | 30-052 Western Rambler Set £ 99.99 | 31-362A Class 03 BR Blue £ 54.99 |
| R1149 Toy Story 3 Set £ 49.99 | R2921 BR Ely B17 Thorpe Hall £ 94.99 | 30-075 Local Freight Set £ 99.99 | 31-363 Class 03 BR Blue weathered £ 59.99 |
| R1160 Cornishman DCC Set £ 259.99 | R2921X BR Ely B17 Thorpe Hall £ 104.99 | 31-177DS BR Kolhapur £ 199.99 | 31-575 Windhoff MPV Network £ 109.99 |
| R9240 Thomas Great Discovery £ 84.99 | R2922 BR Late B17 Grimsby £ 94.99 | 31-213DS BR Patriot £ 199.99 | 31-576 Windhoff MPV Network £ 119.99 |
| Steam Sound | R2922X BR Late B17 Grimsby £ 104.99 | 31-476DS BR G2A £ 199.99 | 32-056 Class 42 BR Blue "Kelly" £ 69.99 |
| R2897XS BR Kidwelly Castle £ 219.99 | R2925 BR Late 'Clan McGregor' £ 104.99 | 32-551DS A1 BR Green £ 199.99 | 32-115 Class 08 BR Blue weathered £ 52.99 |
| R2898XS BR Schools St Pauls £ 219.99 | R2925X BR Late 'Clan McGregor' £ 116.99 | 32-034DS Class 20 BR Green £ 139.99 | 32-328 Class 25/1 BR Green £ 54.99 |
| R2989XS LMS "Duch Montrose" £ 209.99 | R2927 BR ex LMS Pug '611' £ 46.99 | 32-330DS Class 25/1 BR Green £ 139.99 | 32-329 Class 25/2 BR Green £ 54.99 |
| R2992XS BR Brit "Clive of India" £ 209.99 | R2928 GWR Prairie '5108' £ 54.99 | 32-385 Class 37/4 BR Intercity £ 69.99 | 32-385 Class 37/4 BR Intercity £ 69.99 |
| R3130XS BR Navy "Holland Afrika" £ 209.99 | R2930 BR 'City of Lancaster' £ 99.99 | 32-377DS Class 37/4 BR Blue £ 149.99 | 32-406 Class 25/3 BR Grn 2 tone £ 59.99 |
| Diesel Sound | R2936 LMS Patriot 'Illustrious' £ 56.99 | 32-404DS Class 25/3 BR Blue £ 139.99 | 32-407 Class 25/3 BR Blue weathered £ 59.99 |
| R2899XS Class 60 EWS £ 179.99 | R2937 GWR 'County Cornwall' £ 56.99 | 32-526DS Class 55 BR Blue £ 159.99 | 32-465 Class 170/5 Lond Mid £ 84.99 |
| R2900XS Class 31 Railfreight £ 179.99 | R2959 BR Green Thompson L1 £ 69.99 | 32-652DS Class 44 BR Blue £ 159.99 | 32-467 Class 170/4 Scotrail £ 99.99 |
| R2901XS Class 50 BR £ 179.99 | R2959X BR Green Thompson L1 £ 84.99 | 32-679DS Class 45 BR Green £ 159.99 | 32-529A Class 55 Deltic 2 tone Grn £ 72.99 |
| R3036XS Class 08 Railfreight £ 159.99 | R3003 BR Late B17 Barnsley £ 94.99 | 32-728DS Class 66 Freightliner £ 159.99 | 32-677A Class 45 BR Blue £ 69.99 |
| R3037XS Class 08 BR Green £ 159.99 | R3003X BR Late B17 Barnsley £ 104.99 | 32-750DS Class 57 Freightliner £ 159.99 | 32-703 Class 46 BR Blue weathered £ 72.99 |
| Steam Locos | R3004 BR Late B17 Serby Hall £ 94.99 | 32-735 Class 66 EWS weathered £ 89.99 | 32-735 Class 66 EWS weathered £ 89.99 |
| R2835 BR Brit 'Owen Glendour' £ 94.99 | R3004X BR Late B17 Serby Hall £ 104.99 | 32-782 Class 37/0 BR Green £ 69.99 | 32-782 Class 37/0 BR Green £ 69.99 |
| R2835X BR Brit 'Owen Glendour' £ 109.99 | R3010 SR 'Sir Sagramore' £ 104.99 | 32-900B Class 108 BR Grn whisker £ 79.99 | 32-900B Class 108 BR Grn whisker £ 79.99 |
| R2845 BR Schools 'Winchester' £ 94.99 | R3010X SR 'Sir Sagramore' £ 109.99 | 31-005 Robinson 04 LNER £ 119.99 | 32-902A Class 108 BR Blue £ 79.99 |
| R2845X BR Schools 'Winchester' £ 109.99 | R3060 Class A1 'Tornado' £ 69.99 | 31-002 Robinson 04 BR Early £ 114.99 | 32-903 Class 108 GM PTE £ 79.99 |
| R2904 BR Black 5 (Waterman) £ 89.99 | Diesel Locos | 31-010 Class 7F BR Early £ 114.99 | 32-904 Class 108 BR Blue £ 99.99 |
| R2905 BR N15 (Waterman) £ 94.99 | R2413B Class 31 BR Blue £ 79.99 | 31-011 Class 7F BR Late Crest £ 114.99 | 32-925 Class 150/2 First NW £ 79.99 |
| R2909 BR A4 Union of S Africa £ 119.99 | R2420B Class 31 BR Green £ 79.99 | 31-115 Standard 4MT Grn whrd £ 89.99 | 32-926 Class 150/1 Central £ 79.99 |
| R2910 BR A4 Dom of Canada £ 119.99 | R2931 CI. 153 London Midland £ 59.99 | 31-116 Standard 4MT Green £ 89.99 | 32-935 Class 150/2 Arriva £ 79.99 |
| R2912 LNER Thompson L1 £ 69.99 | R2931X CI. 153 London Midland £ 72.99 | 31-186 BR Green 'Baroda' £ 89.99 | 32-936 Class 150/2 Regional £ 79.99 |
| R2912X LNER Thompson L1 £ 84.99 | R2932 CI. 153 Arriva X-Country £ 59.99 | 31-479 G2A BR Black weathered £ 84.99 | 32-735 Class 66 EWS £ 89.99 |
| R2913 BR Early Thompson L1 £ 69.99 | R2932X CI. 153 Arriva X-Country £ 72.99 | 32-083 BR Green Class 56xx £ 54.99 | 32-782 Class 37/0 BR Green £ 69.99 |
| R2913X BR Early Thompson L1 £ 84.99 | R2933 CI. 08 BR Green Early £ 59.99 | 32-165 Class N2 BR Blk weatherd £ 79.99 | 32-900B Class 108 BR Grn whisker £ 79.99 |
| R2914 BR Late Thompson L1 £ 69.99 | R2934 Class 08 EWS £ 59.99 | 32-181 LMS Crab preserved £ 79.99 | 32-902A Class 108 BR Blue £ 79.99 |
| R2914X BR Late Thompson L1 £ 84.99 | R2935 Class 59 Schenker £ 39.99 | 31-116 Standard 4MT Green £ 89.99 | 32-903 Class 108 GM PTE £ 79.99 |
| R2915 GWR Class 2800 NRM £ 94.99 | R2938 Class 40 BR £ 34.99 | 32-215 GWR Green Class 57xx £ 54.99 | 32-904 Class 108 BR Blue £ 99.99 |
| R2916 GWR Class 2800 '2812' £ 94.99 | R2939 Class 33 BR £ 34.99 | 32-217 London Tran Class 57xx £ 64.99 | 32-925 Class 150/2 First NW £ 79.99 |
| R2916X GWR Class 2800 '2812' £ 106.99 | R2946 Class 423 VEP BR £ 129.99 | 32-231 BR Class 3F Jinty £ 52.99 | 5 Plank Wagons (various) £ 7.99 |
| R2917 BR Class 2800 '2810' £ 94.99 | R2946X Class 423 VEP BR £ 144.99 | 32-359 BR Stand 4MT Black E £ 74.99 | 7 Plank Wagons (various) £ 7.99 |
| R2917X BR Class 2800 '2810' £ 106.99 | R2962 Class 56 Railfreight £ 84.99 | 32-550A BR A1 "Tornado" £ 129.99 | 8 Plank Wagons (various) £ 7.99 |
| R2918 GWR Class 3800 '3803' £ 94.99 | R2962X Class 56 Railfreight £ 99.99 | 32-559 BR A1 "Great Eastern" £ 99.99 | 14 Ton Tank Wagons (various) £ 8.99 |
| R2918X GWR Class 3800 '3803' £ 106.99 | R2963 Class 31 Regional Rail £ 84.99 | 32-581 BR Black Ivatt 4MT £ 94.99 | Mogo & Box Vans (various) £ 7.99 |
| R2919 BR Class 3800 '2891' £ 94.99 | R2963X Class 31 Regional Rail £ 99.99 | 32-850A BR 9F "Evening Star" £ 119.99 | Presflo Wagons (various) £ 8.99 |



2012 New Releases coming soon





White Rose Modelworks

BASE BOARDS OF DISTINCTION

www.whiterosemodelworks.co.uk

- 5 Star Baseboards
- No Joinery Required
- Flat Stable Surface
- Perfect Alignment
- Competitively Priced
- No tools needed

Our business premises comprises of a large workshop where our products are built to order by our fine craftsman and our modelshop which stocks everything you will need to create your layout, from track to kits, sceneries and rolling stock.

We manufacture a range of Model Railway requirements for the serious modeller. Our 'Baseboards of Distinction' come complete with our unique plug and latch system, which makes erecting your boards faster than unpacking them. We can create your boards to fit any room or configuration that you require, working to track plans provided or helping you create a plan to suit your needs. Our boards are made so they can be easily dismantled and re-erected for show purposes or even if you are moving home.

We provide a range of complimentary products to make your layout as intricate or simple as you require, such as helices to move to other levels or shelves for stock or controllers. As each product is bespoke made we can achieve your dream layout.



Baseboard prices
from £39.80

Spirals in kit form for N, HO & OO - other Bespoke units available

PLEASE RING FOR A QUOTATION 01677 422444

**UNIT 10, BEDALE STATION, THE BRIDGE, BEDALE,
N. YORKS, DL8 1BZ**



www.themodelcentre.co.uk

38-114Z
Pack of 1 - Now in Stock
TEA 100T Bogie Tank Wagon
'Gulf' Black Livery
'Weathered' with oil stains.
Other running numbers
available GP626-39 £8 extra
for TMC re-numbering.
£26.99 (+p&p)

SPECIAL OFFER



TMC have commissioned 'OO' Gauge Limited Edition rolling stock from Bachmann Europe PLC 504 pieces of each. Plus Special Editions from Scenecraft, two of which are famous public houses from Heartbeat Country, 'The Birch Hall Inn' and 'Aidensfield Arms' plus Goathland Station Building.

CONFLAT A WAGONS

37-975X Branchline Triple Pack 'Eyes' Conflat A Wagons
BR Black each with 2 AF Containers. Each with different running numbers B740503, B740736 & B740460. Ltd edition 504 pieces. Pre-orders invited. Due early 2012. £29.99 (+p&p)



Heartbeat

last few remaining!

44-043Y 'Aidensfield Arms' Now in Stock
The quaint village of Aidensfield, the fictitious identity given to Goathland, the setting for Britain's best loved television drama series. From the very beginning of the Heartbeat story, the bar snug and kitchen of the Aidensfield Arms have been key locations in many episodes. Its real life counterpart is the Goathland Hotel, a popular and busy village inn.



7 PLANK END TIPPING WAGONS

37-081X Branchline Triple Pack 7 Plank End Tipping Wagons
East Midlands Coal Trader Annesley Co. Ltd. Nottingham. Dark red body, black ironwork, white lettering shaded black with white rimmed spoked wheels. Each with a different running number 198, 191, & 194.
Ltd edition 504 pieces. Pre-orders invited. Due early 2012. £29.99 (+p&p)



Have these
wagons weathered
for only £12
(Normally £15)

coming soon

BR A1 60163 TORNADO

BR Apple Green 'Tornado' 32-550 A
Now in Stock

Enhanced TMC version with fitted etched brass nameplates, real coal lamps, crew, cab tarponi, A1 Trust headboard and parts pack. For further enhancement options please ring. £164.50 (+p&p)*



BR A2 60532 BLUE PETER

BR Green 'Blue Peter' 20-2009 Now in Stock
Enhanced TMC version with fitted etched brass nameplates, real coal lamps, crew, cab tarponi, fitted parts pack. Pristine finish. Comes in wooden presentation box. £179.99 (+p&p)* Weathering, please state light, medium or heavy.



A3 CLASS

A3 with Smoke Deflectors BR Green. Late Crest. All names available. £150.00 (+p&p)



A4 CLASS

A4 BR Green, Early or Late Crest, Corridor or Non-Corridor Tender, Single or Double Chimney. All names available. £160.00 (+p&p)



TMC-Direct Tel: 01947 896040

37-225Y
Pack of 3 - Now in Stock
BR Grey 16T Steel Mineral Wagons
(Running No's B569041 B569056 & B569023) 'Weathered' with rust & dirt £29.99 (+p&p)



44-022Y - Station Extensions
Now in Stock
Exclusive to TMC
£24.99 (+p&p)



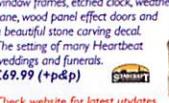
44-043Z
Now in Stock
'The Birch Hall Inn'
Beck Hole, Goathland
£17.50 (+p&p)



44-076Z
Goathland Station
Now in Stock
Exclusive to TMC
£19.99 (+p&p)



44-101Z St. Mary's Church,
Goathland Now in Stock
00 Scale ready made superb
detail, including ornate carved
window frames, etched clock, weather
vane, wood panel effect doors and
a beautiful stone carving detail.
The setting of many Heartbeat
weddings and funerals.
£69.99 (+p&p)



Check website for latest updates
on all TMC Exclusives.

44-062Z Bachmann Scenecraft
NER 2 Road Engine Shed
Now in Stock
Also known as Scipp's
Garage.
£19.99 (+p&p)



*Order any N Gauge
or OO loco & have it professionally
weathered for £25
Normally £40.00

371-466Z
Grafral N Gauge BR Large Loco Pristine finish. Model includes
separate etched steel name plates. TMC can fit etched name plates
for details please contact TMC sales. Model includes split headcode boxes
and directional lights. Limited edition of 504 pieces. Pre-orders invited.
Due early 2012. Check website for latest updates on all TMC Exclusives.
£99.99 (+£4 p&p)*



BR MK1 HORSE BOX - TMC EXCLUSIVE - DUE 3RD QTR 2012

This really will be an exceptional model incorporating 4 different tooling variants, perfect
accompaniment to the excellent Bachmann MK1 Coaches. Features include:

• Fully detailed under frame including brake rigging, clasp brakes in line with wheels and
waste discharge pipe. • NEM coupling pocket with close coupling mechanism (when
removed adds additional buffer beam details to be fitted) • Option to fit detailing parts
on the buffer beam including the end step when the coupling is removed

• Separately fitted wire handrails, water feed & overflow pipes, roof vents, lamp brackets
& buffers. Models will be pristine unless otherwise stated. TMC offer a weathering service, please state light,
medium or heavy. Pre-orders invited.

BR Eastern Region (ER) - First Batch as Built 1958
38-525Z E96330 ER Maroon Horse Box Pristine £19.99

38-526Z E96346 & E96326 ER Maroon Horse Box Pristine
(twin pack) £39.99

38-525X E96307 ER Maroon Horse Box Pristine £19.99

BR Southern Region (SR) - First Batch as Built 1958
38-526Z 596359 BR Green Horse Box Pristine £19.99

38-526Y 596366 & 596413 BR Green Horse Box Pristine
(twin pack) £39.99

38-526W 596403 BR Green Horse Box Weathered £22.50

The Model Centre, Hill Farm, Beck Hole, Whitby, North Yorkshire Y022 5LF Tel: 01947 896040 or sales@tmc-direct.com

TMC are committed to providing a professional value for money service. Our processes and finishes are monitored constantly to ensure the quality of the finished product. We supply Hornby & Bachmann or competitive discount prices, please phone or see website for details.

All prices in £ sterling. OO Gauge prices may be subject to change without notice. TMC



DCC Chip Fitting Service
TMC now offer a comprehensive
chip fitting service for N & OO Gauge.
For all DCC ready & DCC ready models

Basingstoke model railway show 2012

10th & 11th March Sat 10-5 Sun 10-4

Aldworth Science College
Western Way, Basingstoke, RG22 6HA

**25 layouts + 20+ Traders
+ Childrens Layout
All at 2010 prices!**

Refreshments & free car park
See website for buses

Adult £5

Child/Senior £4

Family £14



www.hants.org/bnhmrs

Tel: 07768 728684

DCC Specialists

CORGİ

CLASSIX
BY PECO-SEED

OXFORD

ZIMO

DIGITAL

LokSound

New Rail Models

GAUGEMASTER

ITCO

SOUNDTRAXX

EXACTRAIL

HORNBY

HELJAN

Bromsgrove Models

www.bromsgrovemodels.co.uk

DCC concepts NOW IN STOCK

NEW - Bullhead rail built bufferstops with LED lamps Available in packs of 2, ready built for OO scale and in kit form for P4/EM scales

NEW - Swan-neck station and wall lamps in LMS, GWR and BR/SR colours

NEW - pre-wired Pullman/Restaurant table lamps with table place settings

Also in stock - LOCO DECODERS available singly or in 5-packs, COBALT and DIGITAL COBALT POINT MOTORS and accessory decoders

We have the widest range of TCS decoders and spares available in the UK



TCS



**NCE
POWER CAB**

NCE
The Power of DCC

THE complete 2 Amp DCC starter system for OO/HO/N/Z scales

Automatically switch to the program track on your PowerCab with the AutoSwitch

Connect your PowerCab or PowerPro to a computer with the USB interface

Upgrade to a 5 amp system with the Smartbooster

Upgrade to the full PowerPro 5 amp system by purchasing the System Box

NOW AVAILABLE - CAB06 with digital display for use with PowerCab and PowerPro DCC systems

**RUSTY RAILS
PAINTER TOOL**

HEX FROG JUICER

Are you avoiding wiring your frogs because it's too confusing? Then this is the device for you - a circuit for automatically switching DCC power to the correct frog crossovers that requires a single wire to the frog. Consists of DCC separate circuits for controlling up to 6 frogs with DCC power. If the polarity is wrong, it automatically corrects it. Very simple to install - connect it to your track bus, connect 6 wires to 6 frogs, then run your trains. In addition, both MONO and DUAL Frog Juicers are now available.

See website or ring for latest prices and product availability
Telephone, fax, mail order and secure internet site

01527 877066

Email enquiries to: info@bromsgrovemodels.co.uk

Head Office and Main Showroom
Bentley House, 202 Market Street, SHIPLEY
West Yorkshire, BD18 2BY
Tel: 01274 594119 - Fax: 01274 531505
E-mail: ayrey@msn.com - Web: www.ayrey.co.uk

WE HAVE 'TRADE ONLY' CASH AND CARRY SHOWROOMS IN WEST YORKS & DORSET - OR WE CAN DELIVER TO ANYWHERE IN THE UK OR WORLDWIDE

**JOHN
AYREY**
DIE CASTS LIMITED

B-T Models

THE NEW NAME FOR BASE TOYS

Southern Office and Showroom
12, Victory Close, Woolsbridge Ind. Park, Three Legged Cross
WIMBORNE, Dorset, BH21 6SX
Tel: 01202 828308 - Fax: 01202 829706
E-mail: southsales@ayrey.co.uk



WE ARE 'TRADE ONLY' - RETAIL CUSTOMERS PLEASE CONTACT A LOCAL MODEL SHOP OR VISIT OUR WEB SITE - WWW.AYREY.CO.UK



B-T Models
NEW 'N' GAUGE
LORRY RANGE!

**1:148
SCALE
'N'**



www.gauge0guild.com

A GREAT DAY OUT FOR ALL RAILWAY MODELLERS



Spring Convention Kettering 2012 Saturday 3rd March

Kettering Leisure Village, Thurston Drive, Kettering, NN15 6PB

10am to 4pm

Admission £5 members
£7 non-members

All tickets admit purchaser, partner and two children under 16

Over 80 Trade Stands
Demonstrators
Modellers' Help Desk
Visiting Layouts
Test Track



Advance tickets from:
Alan Jones,
8 Upper Colbridge Terrace,
Murrayfield, Edinburgh
EH12 6AD
Please enclose SAE for return of
tickets and make Cheques
payable to Gauge 0 Guild Ltd

PENKETH MODEL RAIL CENTRE

The Model Shop for
Warrington Widnes Runcorn & St Helens
Open 52 weeks per year

- Extensive selection of locomotives and rolling stock from all major manufacturers.
- Track and accessories
- Scenic materials and tools
- Electrical supplies
- DCC Fitting Service
- Professional Weathering Service
- Pre-owned model railways

EASY TO FIND
Just off A562
between
Warrington & Widnes

Visit our recently extended shop for the best prices,
advice and friendly, quality customer care.
Open Monday - Saturday 10:00 - 16:30

HORNBY **DYNAMIS** **DAPOL** **PECO**
Grimy Times **Sankey Scenics**

99 Maple Crescent, Penketh, Warrington, WA5 2LQ
01925 488595
email: penkethmrc@aol.com penkethmodelrailways.com

PENKETH MODEL RAIL CENTRE

DURHAM TRAINS OF STANLEY

DURHAM TRAINS OF STANLEY
more than just a model shop

WE STOCK GOOD QUALITY SECOND HAND PRODUCTS!
We also know our steam from our Diesel!

62085 stands in the bay platform at Darlington on 20th July 1963
Image from the Frank Tweddle Collection

BACHMANN **HORNBY** **HELJAN** **GRAHAM FARISH** **PECO**
WOODLAND SCENICS **OXFORD** **RAILSHIMMER**

Digital plus by Lenz **DAPOL** **PLASTIC RATIO MODELS** **CORG** **VI TRAINS** **METCALFE** **WILLS-KITS**

PayPal

6, Station Road, Stanley, Co. Durham, DH9 0JL
Tel. 01207 232545
Shop opening hours 9:30am - 5pm Monday to Saturday

www.durhamtrainsofstanley.co.uk
Email: sales@durhamtrainsofstanley.co.uk

FMR **FRIZINGHALL** **FMR**
The Modeler's Choice MODELS & RAILWAYS The Modeler's Choice

Exclusive Limited Edition

3-pack of weathered Insulated Vent Vans £29.99 Per pack by Bachmann

Turntable drive kits for Peco

TTD00 "00" Motor Kit £19.99
LK55 "00" T/Table Kit £41.89
TTDN "N" Motor Kit £19.99
NB55 "N" T/Table Kit £13.99
Manual Operation Kits
Kit2 (up to 12" from baseboard
Edge to turntable centre
Fits "00" or "N".....£17.95
Kit2 Extension (increases
Range to 25").....£2.75

Postage:
Drive kits only £2.50
Drive + turntable £4.00

Amoco TTA by Bachmann

£9.99 clean £12.99 w/heat

Exclusives News...

00-gauge Camping Coach by Bachmann. Many located around the UK up to the 1970's.
Orders now being taken for both
00-gauge Shell-Mex Tank by Bachmann

[www.PRECISION LABELS.com](http://www.precisionlabels.com) **Waterslide Transfers**

COLAS RAIL FREIGHT
66846 COLAS RAIL
FRICTION Decals for 1 loco
DB Schenker Class 60011 Decals D44-E N Scale.....£7.99
D78-A 00 Scale.....£9.99 D44-F OO Scale.....£11.99
D78-B N Scale.....£7.99 D44-H G Scale.....£34.99 D35-B N-Scale.....£9.99

High Quality Waterslide Transfers to re-liver your models (model & paint required) For more see our website.
Order by post/phone or www.modelrailshop.co.uk

DB Schenker Class 60007 Decals
D78-A 00 Scale.....£9.99
D78-B N Scale.....£7.99
DB Schenker Class 92 Decals
D89-A 00 Scale.....£11.99

Postage & packing £2.00 per order for Precision Labels only

UNIT 3C, HILLAM ROAD, BRADFORD, W. YORKS, BD2 1QN
Tele: 01274 747447 Fax: 01274 739680 www.modelrailshop.co.uk
Postage £4.00 per order unless specified otherwise

"This is my kind of model shop" James May

www.buffersmodelrailways.com

Spring is upon us and the Mad March Hare has nothing on us.

Yes the girls have found even more fantastically crazy items for you to brighten up your layout and shake off those winter blues.

Over 9000 Product Lines in Stock
Please Call in, Have a Browse, Some fun and a Cuppa

Colston Cross near Axminster, Devon, EX13 7NF
(On A358 between Chard and Axminster)
Email Us: media@buffersmodelrailways.com
Free on site Parking
Opening Times Monday-Saturday 10am-4pm
Most Major Cards Accepted

BUFFERS
MODEL RAILWAYS
01297 35557

NEW FROM LIGHTMOOR PRESS

THE LONDON, BRIGHTON & SOUTH COAST RAILWAY
THE BENNETT COLLECTION
KLAUS MARX

The LB&SCR
The BENNETT Collection
Klaus Marx
144 pages, 215 x 275mm, gloss art paper, laminated printed board covers
ISBN 9781899889 61 7.
£19.95 + £3.00 p&p

HAYMARKET MOTIVE POWER DEPOT, EDINBURGH
A history of the Depot, its Work and Locomotives 1842-1965
Harry Knox

HAYMARKET MPD 1842-2010
Harry Knox
208 pages, 215 x 275mm, gloss art paper, laminated printed board covers
ISBN 9781899889 58 7.
£24.99 + £4.00 p&p

WESTERN R. STEAM 1950-1965
M. Arlett & D. Lockett
192 pages, 215 x 275mm, gloss art paper, laminated printed board covers.
ISBN 9781899889 60 0.
£22.50 + £4.00 p&p

RAILWAY ARCHIVE

MONORAILS of the 19th CENTURY
Adrian S. Garner
288 pages, 215 x 275mm, gloss art paper, laminated printed board covers
ISBN 9781899889 57 0.
£24.99 + £4.00 p&p

THE CRYSTAL PALACE HIGH LEVEL RAILWAY
John Gale
116 pages, 215 x 275mm, gloss art paper, laminated stiff card covers
ISBN 9781899889 62 4.
£13.50 + £2.00 p&p

BLACK DWARF LIGHTMOOR PUBLICATIONS LTD
120 Farmers Close, Witney, Oxfordshire OX28 1NR
Tel: 01993 773927; email: info@lightmoor.co.uk; www.lightmoor.co.uk

Sponsored by 44th ANNUAL Sponsored by Sponsored by

BRISTOL MODEL RAILWAY EXHIBITION

2012

THORNBURY LEISURE CENTRE,
Alveston Hill, Thornbury, BRISTOL BS35 3JB

Friday May 4th 1pm - 7.00pm
Saturday May 5th 10am - 6.30pm
Sunday May 6th 10am - 5pm

FREE PARKING at Leisure Centre.
Thornbury 6 miles from Jct.16 on M5 & Jct.1 on M48.
Bus service to & from Bristol Parkway station.
All parts of exhibition accessible to wheelchair users.

PRICES AT THE DOOR
Adults £6.50, Concessionary £5.50,
Children £4.00, Family £4.00, Family 2 (adults with 2 children) £13.00

ADVANCE REDUCED RATE TICKETS
Adults £5.25, Concessionary £4.25,
Children £3.00, Family (2 adults with 2 children) £10.50.
Also Parkway/Show Bus Tickets £3.00 return,
accompanied children 16 and under Free.
Advance show and bus tickets are now available from
Bristol Model Railway Exhibition,
c/o 15 Mount Pleasant, Littleham, Bideford, Devon EX39 5HW
and also in person only at Modelmania, Bristol and
Cheltenham Model Centre

Closing date for advance ticket applications Fri 27th April 2012
www.bristolmodrailex.co.uk
or telephone 0117 9763329

ASSOCIATION OF MODEL RAILWAY CLUBS, WALES & WEST OF ENGLAND LTD.

Huge range of Decals for BR Green and Blue Eras

PLEASE SEE OUR WEBSITE FOR DETAILS
OF THESE AND OUR 4mm/00 NAMEPLATES
RANGES. RAPID DESPATCH FOR ALL ORDERS



WHERE TO FIND US
DEPT HHP.4 HILL LANE CLOSE
MARKFIELD INDUSTRIAL ESTATE
MARKFIELD, LEICESTERSHIRE
LE67 9PN ENGLAND
TEL +44 (0)1530 242801/245618
9am-6pm
Most Saturdays 11am-6pm,
+44 (0)1530 242801 only
LOW COST FOR UK LANDLINES
0844 815 9711
FAX +44 (0)1530 245958
EMAIL sales@fox-transfers.co.uk



We manufacture British railway 'New Waterslide' decals in 8 scales.
Plus Full-Size. And a huge range of 4mm/00 etched brass and stainless steel nameplates, numberplates and ancillary plates. Not to mention nearly 1,000 different 1:76 scale Bus and Road Transport decals. And a very significant range of non-scale-specific General Alphabets and Linings. We retail the Phoenix Precision and RailMatch ranges of authentic modelling paints too.

UK p&p per order £1.60 • Paint Extra
Europe £2.00 • Outside Europe £3.20

www.fox-transfers.co.uk

PHOENIX PRECISION

Available Now

New Colours For:-

Colas,
Grand Central,
London Midland

See www.phoenix-paints.co.uk for details

Phoenix Precision Paints Ltd

P.O.Box 8238, CHELMSFORD, Essex, CM1 7WY. Tel: (01268) 730549
Normal Opening Hours Monday - Thursday 09.30 - 17.00, Friday 09.30 - 16.00
www.phoenix-paints.co.uk Fax: 01268 649029 sales@phoenix-paints.co.uk

RADLEY MODELS

01425 479377

www.radleymodels.co.uk



TIN HAL
2 BIL
2 NOL
KITS
OUT
NOW

£184
FULL
KIT
OO
4 mm

Pooleys Puffers

Model Railway
Supplies, New &
Second Hand
Bought & Sold



Proprietor
DAVID POOLE
Diecast Models
Kits & Accessories

Tele: 0191 4910202 / 4106386 Mobile: 07976 519178
www.pooleyspuffers.com e-mail: pooleyspuffers@btopenworld.com

382a Jedburgh Court, Team Valley Trading Estate,
Gateshead, Tyne & Wear. NE11 0BQ

Mon - Thurs - 10:00am - 5:00pm
Fri - Sat & Bank holidays please telephone for opening times

Sunday - Closed

All major cards accepted. Part exchange welcome

PECO HORNBY GAUGE MASTER DAPOL JAVIS METCALFE SUPERQUICK WILLS RATIO

Kent Garden Railways

16mm and G Scale Specialists

LGB ♦ Bachmann ♦ Aristocraft ♦ Accucraft ♦ Peco ♦ Piko ♦ Pola ♦ Roundhouse etc
00 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

For ALL Your
SOLDERING Needs
www.soldering-shop.co.uk

Wyre Forest Model Railway Club present their 36th Exhibition

**WEST MERCIA
MODEL RAILWAY
EXHIBITION
WORCESTER**

Perdiswell Leisure Centre, Bilford Road, WR3 8DX



18 Layouts including;
Rowlands Castle (4mm/00)
Halifax Kings Cross (P4)
Bank Hall Sidings (S)
Helm Leasing (HO)
Marsh Chipping (N)
That Dam Railway (009)
Bad Boden (HO German)



10th & 11th March 2012

Open Saturday 10am ~ 5pm & Sunday 10am ~ 4pm

Adult £5.00 • OAP £4.00 • Child £2.50 • Family £12.50

Easy access from M5 Jcn 6 • Free Parking

Specialist Trade Support including Hereford Model Centre, DCC Supplies, Shawplan Model Products, Footplate Models, Manor Models, Unit Models, Alphagraphix, Comet Models, Green Scene, Wizard Models, H&A Models, Southern Pride Models, The 75069 Fund, Whybourn Models, Model Masters, D&E Video, Modelex, K&M Models, Finishing Touches, RMlectronics

Where modelling comes to life

Website address <http://www.wyreforestmrc.com>

Roxley



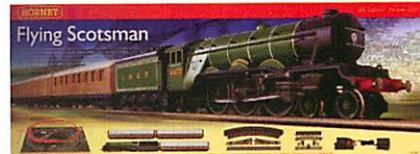
Models

EST 1986



YOUR HORNBY BACHMANN FARISH HELJAN DEALERS IN WEST SURREY

Murphy Models in Stock
New Class 201 Diesel now available



KATO
PRECISION RAILROAD MODELS

ATLAS
MODEL RAILROAD CO., INC.

HORNBY

Plus a massive range of accessories
in stock including Peco, Gaugemaster, Nock

FOR ALL ENQUIRIES TELEPHONE: 01372 452976

4 Beckley Parade (A246), Great Bookham, Surrey KT23 4RQ
(on the A246 Guildford Rd, 10 mins from Junc 9 M25)

email: roxleymodels@btconnect.com

Opening Hours: Mon+Tues+Wed+Fri 10am - 4.30pm

Sat 10am - 4pm. Sunday & Thursday Closed

ALL MAJOR CREDIT CARDS ACCEPTED

THE HOBBY SHOP

Bridgwater Model Railways Has Changed it's Name

MODEL RAILWAYS LIMITED

01278 427646

**Platform 2
Bridgwater Station,
St John Street,
Bridgwater,
Somerset. TA65HB**

New Web Site

www.modelrailwayslimited.com

Hornby * Peco * Harburn Hamlet * Modelscene

N Gauge & 00 Gauge

ModelmaniacsOnline.co.uk

Unit 9 Harris Rd, Caine, Wilts SN11 9PT Tel: 01249 817731

Check Out our Website or Call Us

Woodland Scenics * Wills * Ratio * Metcalfe * SuperQuick
Scenecraft * ReadyGrass & more!

ScotRail Special

ScotRail's classic 'Whoosh' livery of 1999-2004. Working head and tail lights. Superb detail and finish. DCC operation only one 21-pin decoder is needed.

ScotRail's classic 'Whoosh' livery of 1999-2004. Working head and tail lights. Superb detail and finish. For DCC operation only one 21-pin decoder is needed.

ScotRail's classic 'Whoosh' livery of 1999-2004. Working head and tail lights. Superb detail and finish. For DCC operation only one 21-pin decoder is needed.

Bachmann '00 Ref. 32-935Y. Price £104.70 (P&P £5.00)

© 1998 HORWITZ

www.ijerpi.org

Harburn Hobbies, 67 Elm Row,

Leith Walk, Edinburgh EH7 4AQ.

Phone: 0131 556 3233.

Web: www.harburns.co.uk

www.ijerpi.org

www.expressmodels.co.uk

LIGHTING SPECIALISTS

Let our lighting scenic effects bring your layout to life. Our range includes: Flashing Neon Signs, Arc Welding Simulators, Flickering Fires, Working Belisha Beacons, Party Garlands & Flashing Beacons for Emergency and Maintenance Vehicles. We also stock a comprehensive range of Knightwing Products & the excellent ID Photographic Backscenes.

Visit our website which has secure online shopping.
Please send £3.00 for our 50 page catalogue which lists our full range.

EXPRESS MODELS, 65 CONWAY DRIVE, SHEPSHED,
LOUGHBOROUGH, LEICS. LE12 9PP

Tel: 01509 829008 Fax: 01509 560878
Email: sales@expressmodels.co.uk



**Sankey
Scenics**

See the full range at Model Rail Scotland



for the Best in
Model Railway Signs
& Accessories



Available in
all scales

Model Famous Expresses with
Titled Train Packs



www.sankeyscenics.co.uk

WALTONS MODELS.CO.UK

Where Will Your Hobby Take You Today?



Skaledale starting at £2.75

Figures from £4.75



Hornby DCC NMRA decoder only £10.35



Electric Turntable only £55.99



Figures from £4.75



Figures from £4.75

Keep your copies of *Hornby Magazine* in pristine condition, with a *Hornby Magazine* binder or slipcase.

Order yours today for £7.95 on 0844 245 6932
+44(0)1795 414826 for overseas enquiries
(UK postage FREE, £2.50 for Europe & ROW)



Ian Allan now publishes its magazines digitally through Zinio

Visit <http://gb.zinio.com> and search for **Ian Allan** to order copies of your favourite magazines



We think its better to let those who use our decoders talk about them because the proof of the pudding is in the eating!

We could go on for a long time talking about DCCconcepts Decoders and their quality, high power handling, great reliability, excellent slow running & more... but that would only tell you about the features and things that WE think are important in a decoder.

Instead... We wanted to show you what our customers who have already installed our decoders & run their trains with them say...

After all; there can be no better recommendation, because they are modellers with the same performance requirements that you are sure to have.



Information on the complete range of DCCconcepts Decoders, including an easy to understand 16p "Plain English" Instruction guide can be found on the web at WWW.DCCCONCEPTS.COM

My 5 pack of TS4 decoders was delivered in 2 days. I immediately fitted 2 of them, 1 to a Proto SW8 and the other to a Proto GP20. Both these locos are over 10 yrs old and therefore well run in. I also added the DCCconcepts Stay-Alive.

They were stress-tested at a recent 3 day show. The GP20 ran in 3-hour stints for 3 days with a full train while the SW8 shunted constantly.

Both performed flawlessly with never a stutter or jerk. The smooth running was exceptional at any speed and slow running is as good as any I have experienced in 16 yrs of operating with DCC.

The TS4's are right up there with the very best!

By the way, I use all Peco insulated frog points and the TS4's with DCCconcepts Stay-Alive caps powered the locos through them with never any hesitation or stopping even at slow shunt speed.

My future non sound decoder requirements will certainly be filled by DCCconcepts decoders.

Ian - South Australia

I've now installed four DCCconcepts S4SA decoders and they work really well in all my Locomotives.

Among the loco's I've installed them in (complete with stay alive) are 2 big heavy Japanese brass locomotives.

I tested both on the rolling road with power supplied to only one roller as I think that is a real test of a decoder - in a loco with minimal pickup.

The locomotives ran very well. Better than they had before installation.

I must admit - at first I was unsure about installing the small S4SA decoders into such big heavy locomotives but both have worked a treat. Other loco's, including Piko & Roco, run really well with these decoders.

Peter - London

DCCconcepts the best of everything

DCCconcepts Pty Ltd, 3/13 Lionel Street, Naval Base, WA 6165 Australia. Web - www.dccconcepts.com. Email - sales@dccconcepts.com. Telephone +61 8 9437 2470 (Time zone GMT + 8hrs)

DCCconcepts Decoders are available from Gaugemaster, DCC Supplies, Digitrains, Bromsgrove Models, The Hobby Goblin & other fine model railway retailers throughout the UK.

DCCconcepts Decoders are also re-distributed to the trade in UK by Gaugemaster. Dealer enquiries are always welcome

The Original *Fine Tip* PVA Glue Applicator

For precision modelling and perfect ballasting the 0.5mm tip delivers PVA glue exactly where needed

£3.25
Plus P&P
01524 - 411183

Mail order or secure Online ordering
www.finetip.co.uk

1st Class Trains

Lighting and Smoke Kits Professionally Designed Established 1995

| | | | |
|-------------------------------|-------|---|--------------------------------|
| Church/Buildings Lighting Kit | £7.50 | Phone to get my full lists | Smoke Generators and Smoke Oil |
| 'N' Gauge Coach Lighting Kit | £8.75 | 3.5mm or 5.0mm dia. (0 Gauge) | £17.50 |
| '00' Gauge Coach Lighting kit | £8.95 | 8.8mm dia. (0 Gauge) | £18.50 |
| | | Seutha 501 (Gauge 1/Garden Railway) | £20.50 |
| | | 'N' Gauge Smoke Tube | £12.00 |
| | | Formula 3 Smoke Oil: 50ml £5.50; 250ml £14.50 | £ 1.50 |
| | | Syringe, Blunt Needle and 10ml Oil | |
| | | Full, Clear Instructions Provided. P&P £ 1.50 | |

Please see my website for the full product range, fitting guides and instructions. Call Harvey Godber on 01823 337460 email: firstclasstrains@btinternet.com
2 Langham Drive, Taunton, Somerset. TA1 4LJ www.firstclasstrains.co.uk

THE HOBBY BOX
121 HIGH ST, UCKFIELD, TN22 1RN TEL: 01825 765296
www.thehobbybox.co.uk

BACHMANN-CARRS-C&L-CAMBRIAN-COOPER-CRAFT-DAPOL-ECKON-EVERGREEN-EXPO-FARISH-GAUGEMASTER-HELJAN-HORNBY-K&M-KADEE-KESTREL-KNIGHTWING-LENZ-PD-MARSH-METCALFE-NOCH-PARKSIDE-PECO-PLASTRUCT-RAILMATCH-RATIO-ROMFORD-SEEP-SLATERS-SMITHS-SPRINGSIDE-SOUTHERN-PRIDE-SUPERQUICK-SE FINECAST-SMP-TINY SIGNS-WILLS-WOODLAND SCENICS ETC.

OPENING HOURS: Tues-Fri 10.00am - 6.00pm, Sat 9.30am - 5.00pm.  

TURN YOUR TRAIN SET INTO A MODEL RAILWAY LAYOUT

Scenics, Electrics, DCC, Accessories, Buildings, Plastic Kits Materials, Signals, Lighting, Controllers, Bridges, Card Kits

01588 660 580 365 days a year
eShop www.modeltrainsuk.co.uk

PLATFORM 1 MODEL SPECIALISTS
33 Victoria Arcade, Great Yarmouth, Norfolk, NR30 2NU
Telephone: 01493 843258

GREAT YARMOUTH'S ONLY SPECIALISED MODEL SHOP

HORNBY **AIRFIX** **CORGI**
PECO **METCALFE**
OXFORD **REVELL** **GAMES WORKSHOP**

Opening hours: 10am - 5pm Monday - Saturday
TRAINS, CARS, LORRIES, SCENERY AND MUCH, MUCH MORE...

HORNBY, BACHMANN, PECO, GAUGEMASTER, METCALFE, FARISH & DAPOL and many more

- Secondhand & nearly new at unbelievable price
- Modern Image/Steam era • Kit built/Scratch built available • New & used DVD's
- Rare and collectable locos • DCC specialist • Good selection of preowned books

Walking distance from Outwood Railway Station, 150 yards from 110 bus route
MAIL ORDER SERVICE AVAILABLE



GOING LOCO

Discount Model Railway Centre

38 Potto Lane • Loftus Gate Wakefield WF3 3JF
Tel: 01924 824748 • Mob: 07850 029331 • Email: a1yb@hotmail.com

SHOP OPENING HOURS: Monday, Tuesday, Wednesday, Friday - 10am-5pm • Thursday - 2pm-7pm • Saturday - 10am-4pm • Sunday - Exhibition & Events

WANTED! Your used model railways - Collections or single items.

EXTENDED SHOWROOM & TEA BAR NOW OPEN • FREE CAR PARK PARKING

The DCC Specialists

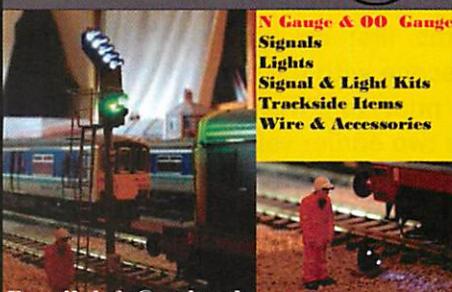
DIGITRAINS

01526 328633 www.digitrains.co.uk

Everything you need for your digital railway.

CR Signals

N Gauge & 00 Gauge Signals Lights Signal & Light Kits Trackside Items Wire & Accessories



E-mail: info@crsignals.com

For latest price list and order form, send large SAE to: CR Signals, 'Birkby' 5, The Crescent Doncaster Road Rotherham S65 1NL. Please specify your gauge www.crsignals.com

LIGHTS, SIGNALS & KITS TO BRING YOUR LAYOUT TO LIFE

South West Digital
ESU distributor for the UK
(Trade most welcome)



"Quality British sounds, recreated for the LokSound v 4, with **NEW** Multiple start up on F1 and sound fade In and Out on the move." Available NOW!

Tel: +44 (0)1934 517303,
Tues - Fri: 0930 - 1700hrs,
Sat: 0930 - 1230hrs
info@swd4esu.co.uk
www.southwestdigital.co.uk



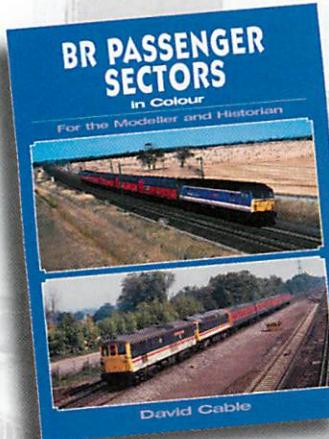
A12 Coal Tower **OUT NOW**

A13 Ash Plant **NEW**

Fine detail from... **SUPERQUICK** MODEL KITS

see the full range at... www.superquick.co.uk

Available Now!



BR Passenger Sectors in Colour for the Modeller and Historian

David Cable

This informative new volume beautifully captures the wide variety of distinctive liveries that appeared in each sector, with a carefully selected collection of previously unpublished images supplemented by detailed and informative captions. A delightful addition to this well-established series; no serious modeller will want to be without this invaluable resource!

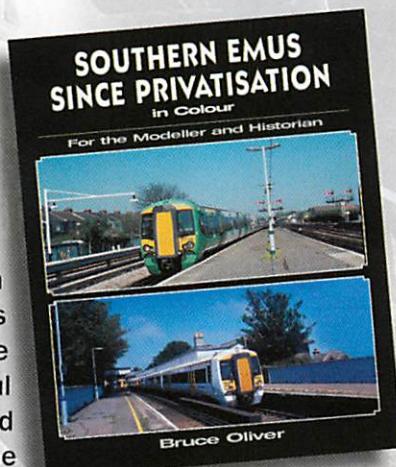
Ian Allan Publishing • Paperback • 280 x 215mm • 96 pages •
978 0 7110 3441 9 • £18.99

Southern EMUs Since Privatisation for the Modeller and Historian

Bruce Oliver

Bruce Oliver has been recording the changing face of EMU operation in Southern England for many years. His previously unpublished photographs have appeared in two earlier and successful volumes in the 'For the Modeller and Historian' series - the first covering the contemporary EMU scene with the second, covering the years prior to Privatisation. This third volume provides the link between the two earlier volumes in covering the evolution of the EMU fleet and its liveries from Privatisation through to the modern age.

Ian Allan Publishing • Paperback • 282 x 213mm • 96 pages •
978 0 7110 3627 7 • £18.99



Order today from 

A specialist mail order service offering thousands of titles from hundreds of publishers.

Buy online at www.ianallanplus.co.uk (P&P apply)

Call 0844 245 6944 (UK) +44 (0)1795 414975 (Overseas)

E-mail: ianallanplus@servicehelpline.co.uk

Write to: Ian Allan Plus, 800 Guillat Avenue, Kent Science Park, Sittingbourne, ME9 8GU

Or visit one of our Ian Allan Book & Model Shops in:

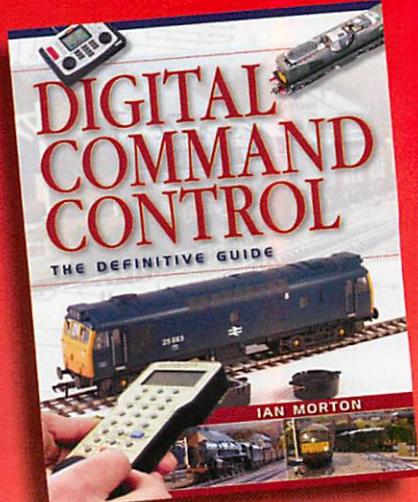
BIRMINGHAM
12 Ethel Street
Birmingham
B2 4BG
Tel: 0121 643 2496

CARDIFF
31 Royal Arcade
Cardiff
CF10 1AE
Tel: 029 2039 0615

LONDON
45/46 Lower Marsh
Waterloo, London
SE1 7RG
Tel: 020 7401 2100

MANCHESTER
5 Piccadilly Station
Approach, Manchester
M1 2GH
Tel: 0161 237 9840

Highlight of the month



Digital Command Control: The Definitive Guide

Ian Morton

This title forms the ultimate guide to Digital Command Control and is a must have for all rail and modelling enthusiasts worldwide!

Author Ian Morton provides the definitive guide to the subject, which is the most significant recent advance in model railway technology. This definitive guide contains instructive text aligned to a wealth of images, making it a must for rail and modelling enthusiasts worldwide.

Ian Allan Publishing • Hardback •
265 x 198mm • 160 pages •
978 0 7110 3502 7 • £19.99


Ian Allan PUBLISHING
Britain's Leading Specialist Publisher
www.ianallanpublishing.com

SALE SALE SALE SALE SALE SALE SALE SALE

| HORNBY: | HORNBY: | BACHMANN: |
|------------------------------|----------------------------------|---|
| R2715 75062 B Late £76.00 | R2913 67772 BR Early £68.00 | 31-001 63601 BR Late £100.00 |
| R2716X 75070 BR Late £87.00 | R2914 67722 BR Late £68.00 | 31-010 53806 BR Early £107.00 |
| R2744 30932 BR Early £76.00 | R2916 2812 GWR SB £85.00 | 31-011 53809 BR Late £107.00 |
| R2758 153359 Northern £44.00 | R2917 2810 BR Late £85.00 | 31-012 53810 BR Late (W) £114.00 |
| R2823 46201 BR Late £95.00 | R2933 D3509 BR Green £56.00 | 31-211 45543 BR Late £78.00 |
| R2824 46100 BR Late £86.00 | HELJAN: £86.00 | 31-426A 4 CEP Green £110.00 |
| R2829 314 Southern £77.00 | 1503 D8233 Green smf yel. £79.00 | Additional 20% off most Bachmann wagons |
| R2845 30901 BR Late £90.00 | 8600 86205 Virgin £86.00 | All subject to availability |
| R2848 5011GWR £90.00 | 8602 86215 Anglia £86.00 | UK P & P £4.00 per loco order |
| R2872 D3521 BR Green £59.00 | 8604 86605 Freightliner £86.00 | |

We also stock OO & 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

Mon-Sat 09.30-17.30 • Sun 11/3/12 only 11.00-15.00 • Closed Tuesdays & Bank Hols

Church Street Models, 10A, Church Street, Basingstoke, Hants, RG21 7QE



01256 358060 • Mail Order Welcome



OSBORN'S MODELS

7 Honestone Street, Bideford, N. Devon, EX39 2DL (01237 423453)

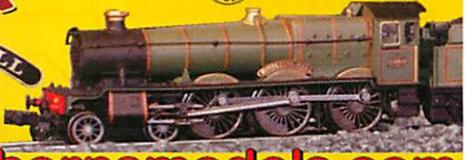
OSBORN'S MODELS

EXCLUSIVE

GWR

HINDERTON HALL

5900



www.osbornsmmodels.com

all major credit cards accepted
and **PayPal**



N Gauge Society

The big group for the small scale!

Our next RTR model - LMS 50' Inspection Saloon

• Models produced by Bachmann with NEM close-coupling and detailed interior

• 6 liveries inc. LMS Crimson Lake, BR Carmine & Cream, Blue/Grey and EWS Maroon

• Launch Warley 2012 £10 deposit reserves chosen version for NGS members



Join now!

Other member benefits include colour bi-monthly journal and exclusive products

For introductory pack and free sample journal send £1.50 (£2.50 overseas) to:

Dept HM, 17 Toll Bar Road, Christleton, Cheshire CH3 5QU

www.ngaugesociety.com

THE LONDON FESTIVAL OF RAILWAY MODELLING

In Association with The Model Railway Club Alexandra Palace the people's palace.

24th & 25th March 2012 N22 7AY

See over 40 British, European and Continental railway layouts

Shop at over 100 quality exhibitors offering products for all aspects of the hobby

Discover 'Amberdale, Layout in a Shed' and watch FREE theatre presentations on constructing layout architecture, signalling and lighting

Visit the Club, Association and Society stands

Pre-book your tickets to save money. Plus gain early access to the Show and automatic entry into our prize draw

Admission Prices

Pre-booked On the day

Adult £10.00 Adult £11.00

Child £4.50 Child £5.00

(5-14yrs) (5-14yrs)

Additional discounts for BRM Subscribers when you pre-book

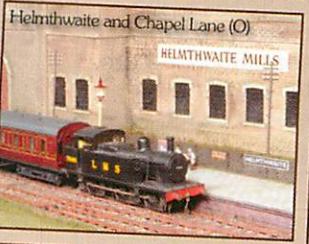
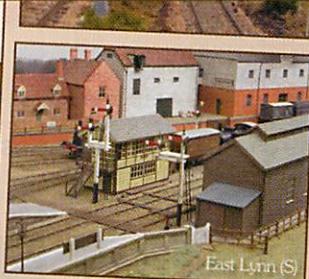
Show Opening Times

Saturday 10.00am - 5.00pm

Sunday 10.00am - 4.30pm

Doors open at 9.30am for pre-booked ticket holders

Disabled Access



FREE
showguide,
parking and
shuttle bus

Book now at

www.model-railways-live.co.uk
or call **01778 391123** (Mon - Fri 9am - 5pm)

Pre-booking closes at 9am on Friday 16th March 2012

Presented by the publishers of **BRITISH RAILWAY MODELLING**

Sponsored by

HORNBY



OO WORKS

Johnson '1698' Roundtop Boiler
MR or LMS with large number on tender 3175
LMS 2964. BR 58246 ALL £215 EACH
'1142' Belpair Boiler also available
P&P By special delivery
"Brendon" Langham Road, Robertsbridge,
East Sussex TN32 5DT Tel: 01580 882 185
ooeworks@btinternet.com

Forest of Dean Models
High Street, Bream, Lydney, GL15 6JF
Tel/fax 01594 563044
Hornby Railroad, Peco, Wills, Ratio,
Metcalfe, Humbrol, Siku Diecast,
Javis Scenics.
Price match on train & Scalextric sets.
Loco servicing & repairs. Baseboards made to order.
Open 9-5pm Wed-2pm Sun-Closed
email: i.o.d.models@gmx.co.uk

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
01932 845440

Haslington Models
134 Crewe Road Haslington CW1 5RQ
Tel/Fax 01270 589079
Appointed Stockist of
Hornby, Bachmann, Farish, Dapol,
Vi-Train, Peco, Gaugemaster, Heljan,
Metcalfe, Ratio, Wills etc
Open Mon-Sat 10.00-16.30
Closed Wednesdays

THE HOBBY GOBLIN
STOKE-ON-TRENT
13 Queen Street, Burslem ST6 3EL
Hornby, Bachmann, Peco, Lenz, Dapol,
Gaugemaster, Graham Farish,
Metcalfe and much more!
T: 01782 823818
e: thehobbygoblin-uk@hotmail.com
www.thehobbygoblin.co.uk

Model Signal Engineering
Wizard Models
From baseboard construction to weathering your finished layout – and a host of signal, locomotive, carriage and wagon kits and components in between. Shop on-line at: www.wizardmodels.co.uk

UK P&P £3.00 per order, overseas at cost, price list 5x1st class stamps.
24hr Phone & Fax 01652 635885 Mobile 0778 8940312
Andrew Hartshore, P.O. Box 70, Barton upon Humber DN18 5XY

MODEL MANIA
All leading brands stocked
Mail order service
13 Clouds Hill Road, St. Georges,
Bristol BS57 5LD
Open Tues - Fri 09.30 - 18.00, Sat 09.00 - 17.00
Tel: 0117 9559819
email: modelmaniaemail@aol.com

Nameplates and Detail Kits
2mm, 4mm & 7mm
all available
Paints • Transfers
• **Detailing Kits**
Shawplan Model Products
2 Upper Dunstead Road Langley Mill, Notts
Tel 01733 718648
www.shawplan.com

Layouts built to modular form, to your specification, upto museum standards if required

TOYS2SAVE
COLLECTABLES
Train Repair & DCC Decoder Fitting Service Available

NEW ONLINE SHOP: www.toys2save.com
Competitive prices on all Hornby-Bachmann-Heljan-Peco-etc sets & engines.
Come and see us when you visit Blackpool. Tel: 01253 855905.
E-mail: shop@toys2save@btconnect.com Website: www.toys2save.com
Marsh Mill Craft Village, Thornton Cleveleys, Blackpool, Lancs FY5 4JZ

THE MODEL SHOP
Specialist Model Railway Stockist
4 St David's Hill, Exeter EX4 3RG
(just off the old iron bridge)
Special offers on Skaledale and Scenecraft buildings & accessories
www.trainsandtrack.co.uk
Tel: 01392 421906
shop open Mon/Sat 9.30-5.00pm

JACKSONS MODELS
33 NEW STREET, WIGTON, CA7 9AL
Tel: 01697 342 557
www.jacksonsmodels.co.uk
Hornby, Bachmann, Peco, Dapol, Scenics by Gaugemaster, Javis, Peco, Woodland Scenics, Patronics, Wills, Ratio, Metcalfe, Superquick etc
Repairs Undertaken
Opening Times: Mon, Tue, Fri 9-5, Thur 9-7, Sat 10-3
Closed Wed & Sun

MORRIS MODEL
NORTH LANCING S
80 Manor Road, North Lancing,
West Sussex BN15 0HD
(just off A27 between Brighton & Worthing)
Tel Fax: 01903 754850
www.modelsandhobbies.co.uk
Open Mon-Sat 9.30 to 5.00

BRITISH RAILWAYS
HORNBY
also Heljan, Vitrains, Metrains,
Metcalfe, Superquick,
Gaugemaster. Also Trackside,
Corgi OOC, EFE, CMN, Britbus

CONTINENTAL RAILWAYS
PECO
FLEISCHMANN
BRAWA
TRIX
also Faller, Vollmer,
Kibri, Wiking, Marklin,
Preiser, Merten

SUPERQUICK
MODEL KITS
eShop www.modeltrainsuk.co.uk
Tel: 01588 660 580 7 days a week
Modeltrainsuk at Cravenmodels of Shropshire

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

EAST KENT MODELS
THE HORNBY PARTS SPECIALISTS
Plus TRI-ANG, BACHMANN, LIMA & VI-TRAINS
For our 48-page list email us at ekmodels@hotmail.com or send a stamped A5 self-addressed envelope plus 2x1 1st class stamps to
89 HIGH STREET, WHITSTABLE, KENT CT5 1AY
Shop open 0930 - 1730 Monday - Saturday. Worldwide mail-order.
Tel: 01227 770777 - Fax: 01227 272787
We also stock most British-outline 00 and N ranges & accessories, die-cast etc.

NICK TOZER
RAILWAY BOOKS BOUGHT & SOLD
Free Railway Booksearch Service
155 Church Street, Paddock, Huddersfield, HD1 4UJ
SHOP: Tue/Wed/Sat 11:00-17:00 & Thur 14:00-20:00
*non-show Saturdays only - please ring to confirm
www.railwaybook.com nick@railwaybook.com
Tel: 01484 518159

North Wales Models
Model Scenics, inc
Static Grass, Ballast,
Cork Sheet, Ballast Mats,
Static Grass Mats,
Superquick Kits
www.northwalesmodels.com

JOHN DUTFIELD CHELMSFORD
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

P & D Marsh
Whitemetal kits, hand painted models and laser cut wooden structures in N and 00.
Painted signals available in N and 00.
Free price list available.
The Stables, Wakes End Farm, MK17 9FB
Tel: 01525 280068
www.pdmashmodels.com

PETER'S SPARES
MODEL RAILWAYS LIMITED
MAIL ORDER & REPAIR SPECIALISTS
NEW & USED MODEL RAILWAYS
Servicing, Repairs & DCC Decoder Fitting,
15 years experience
27 Brighouse Business Village, Riverside Park,
Middlesbrough, Cleveland TS2 1RT
Tel: 01642 909794
Open Mon-Sat 10am-5pm **HORNBY**
Web: www.petersspares.com
Email: sales@petersspares.com

ONLINE SHOP
LENDONS
Over 60 years in business Est. 1944
Suppliers of Model Railway Locomotives, Coach & Wagon Stock, Accessories and Parts for all popular gauges. Hornby, Bachmann, Peco, Graham Farish, Vitrains. Scenery building stock from Javis, Wills, Ratio, Woodland Scenics & European ranges.
Hornby Collectors Centre and Hornby Warranty Repair Centre
Massive range of locomotives always in stock with many brand new items
long discontinued and Limited Editions. Please ring for enquiries on items not on our website.
192 Fidlas Road, Llanishen, Cardiff CF14 5LZ
029 2075 2563 9am-5pm www.lendons.co.uk

RICHARDSONS OF FELTHAM
ESTABLISHED 1960
6-7 Rochester Parade, High Street, Feltham, Middx.
TW13 4DX Tel. 0208 890 4399/946
E-mail: sales@richardsons-retail.co.uk
www.richardsons-retail.co.uk
'N' GAUGE 'HO/00' and 'O' GAUGE
Graham Farish Locomos, Rolling Stock and Buildings, Bachmann, Peco, Superquick, Gaugemaster Controllers, Scenic Materials. Plus Scalextric Cars and Track.
HORNBY STOCKISTS
HOBBIES PRODUCTS AND MUCH MUCH MORE

HARROGATE
Used model trains wanted.
Excellent part exchange deals.
Helpful service.
Locomotive repairs.
STARBECK MODELS
16 Devonshire Place,
Harrogate HG1 4AA
01423 507089

MODEL RAILWAY BALLAST
Genuine Granite (Grey) Chippings for OO, N and Z gauge
eg. 600g £6.30, 1kg £8.80, 2kg £15.22
Prices include UK Mainland P&P. State gauge required when ordering.
Cheques to Tracklay Sales. For Sample send S.A.E. with 1st class stamp inside
Order online at www.tracklay.co.uk
Tracklay Sales (Dept A), 87 Babington Road,
Barrow-Upon-Soar, Leics LE12 8NH Tel. 01509 415594
www.hornbymagazine.com

HEXHAM TOWNFOOT MODELS
NORTHUMBERLAND
Supplying your Model Railway needs
Open Tue - Sat 10am to 5pm
Platform 2, Railway Station,
Hexham NE46 1EU
Tel: 01434 601453
www.townfootmodels.co.uk

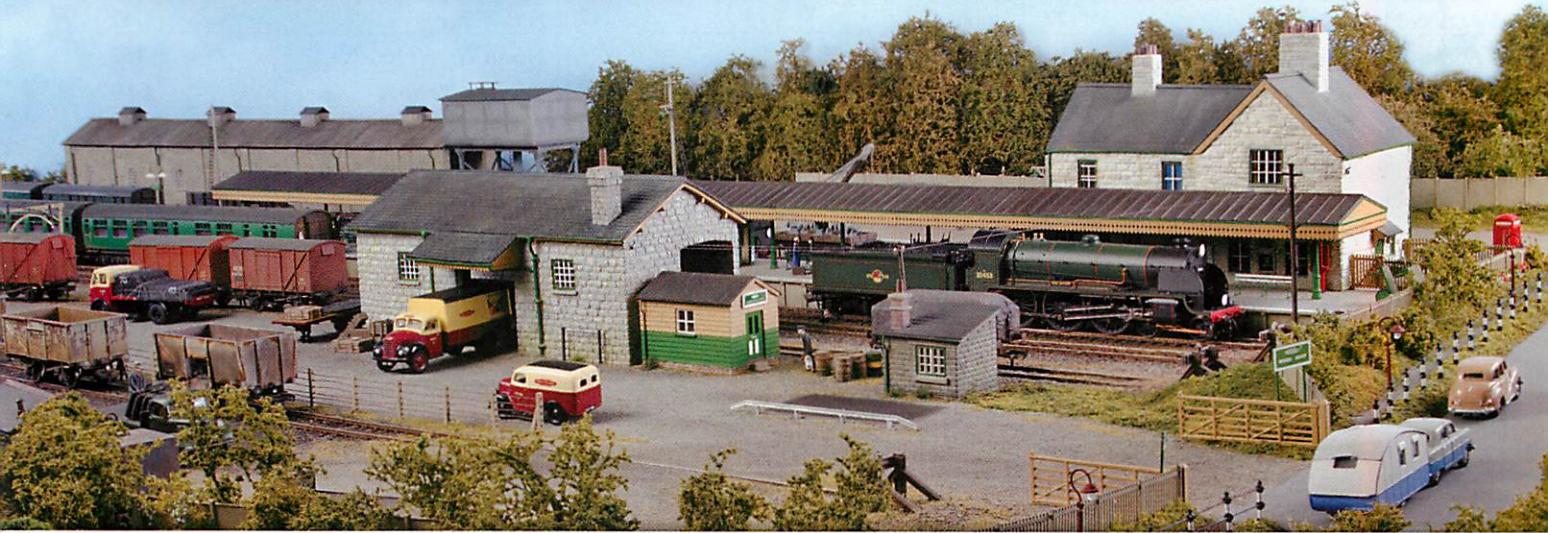
ADVERTISERS INDEX

| ADVERT | PAGE | ADVERT | PAGE | ADVERT | PAGE |
|-------------------------------|------------|-----------------------------------|------------|-------------------------------|------------|
| 00 Works | 152 | Heki Blackwells | 112 | Monk Bar Models | 145 |
| 1st Class Trains | 147 | Hereford Model Centre | 123 | Morley Controllers | 131 |
| 3 Counties Toyfairs | 112 | Hobby Box, The | 152 | Morris Models | 152 |
| A Oakes Ltd | 128 | Hobby Goblin, The | 152 | N Gauge Society | 151 |
| Activity Media | 127 | Hobby Rail | 112 | Nick Tozer | 152 |
| Addlestone Model Centre | 152 | Hobby Shop, The | 144 | North Wales Models | 152 |
| All Components | 149 | Hornby App advert | 132 | Olivia's Trains | 149 |
| Alton Model Centre | 145 | Hornby Hobbies | 2 | On Tracks | 129 |
| Ashfield Toy Fairs | 112 | Hornby Subscriptions | 73 | Osborn's Models | 151 |
| Atlas Editions | INSERTS | Hornby Yearbook | 122 | P&D Marsh | 152 |
| Bachmann | 156 | Ian Allan Books | 148 | Paignton Model Shop | 112 |
| Barry Potter Toyfairs | 112 | Ian Allan Plus | 74 | Pems Butler/superquick | 147 |
| Basingstoke & Northants | 138 | Ian Allan Plus - All Models | 130 | Penketh Model Railway Centre | 140 |
| Binders | 146 | Jacksons Models | 152 | Peters Spares | 152 |
| Black Dwarf Lightmoor Pubs | 141 | John Ayrey Diecast | 138 | Phoenix Paints | 143 |
| Brewsters | 143 | John Dutfield | 152 | Platform 1 Model Shop | 147 |
| Brickyard Models | 112 | Julian Bowden | 112 | Pooleys Puffers | 143 |
| Bristol MRE | 141 | Keiths Model Railway | 112 | Preston Model RE | 142 |
| Bromsgrove Models | 138 | Kenneth Matthews | 112 | Radley Models | 143 |
| Buffers | 141 | Kent Garden Railways | 143 | Rails of Sheffield | 66-67 |
| C&M Models | 112 | Kernow Model Rail Centre | 124-125 | Richardsons of Feltham | 152 |
| Carat Media | 126 | KS World of Models | 150 | Roxey Mouldings | 150 |
| Castle Trains | 136 | Langley Models | 133 | Roxley Models | 143 |
| Cheltenham Model Centre | 139 | Lendons Model Shop | 152 | Ryedale Auctioneers | 133 |
| Church Street Models | 151 | Loco Shed, The | 129 | S&J Models | 103 |
| Comet Models | 151 | Lord & Butler | 150 | Sankey Scenics | 145 |
| CR Signals | 147 | Loughborough Model Centre | 6 | Sarik Vacform | 112 |
| Dapol Limited | 155 | Macclesfield Model Railway | 149 | Scalescenes | 144 |
| Dart Castings | 112 | MARC Models | 112 | Shawplan Model Products | 152 |
| DCC Concepts | 146 | Meridienne Exhibitions | 129 | Shrewsbury Model Centre | 134 |
| DCC Supplies | 135 | Meridienne Exhibitions | 135 | Signal Box - Kent, The | 50-51 |
| Digitrains | 147 | Metcalfe Models & Toys | 26-27 | Signal Box, The - Leics | 142 |
| Durham Trains Of Stanley | 140 | MG Burbage Atter | 112 | South West Digital | 147 |
| East Kent Models | 152 | Mike Pett | 112 | SRP Fairs | 112 |
| Eileens Emporium | 150 | Model Mania | 152 | Starbeck Models | 152 |
| Ellis Clark Trains | 127 | Model Rail 2012 | 72 | Station Signs | 112 |
| Exclusive First Editions | 3 | Model Railway Doctor | 112 | Steel, Steam & Stars III | 102 |
| Express Models | 145 | Model Railway Stores | 131 | Stowmarket Railway Club | 112 |
| Fine Tip | 147 | Model Railways Direct | 142 | TMC Direct | 137 |
| Forest Of Dean | 152 | Model Railways Limited | 144 | Tony Oakes Toy & Train Fairs | 112 |
| Fox Transfers | 141 | Model Shop - Exeter | 152 | Townfoot Models | 152 |
| Freestone Model Access | 144 | Model Train Club | 131 | Toys 2 save | 152 |
| Frizinghall Models & Railways | 140 | Model Trains UK | 112 | Tracklay & Ballasting Systems | 152 |
| Gas Cupboard Models | 133 | Model Trains UK | 152 | Trains 4U | 144 |
| Gauge 0 Guild | 140 | Model Tree Shop, The | 125 | Vectis Auctioneers | 145 |
| Gaugemaster Controls plc | 14-15 | Model World | 152 | Waltons of Altricham | 145 |
| Geoff Gamble | 112 | Modeleinium | 128 | Warners Group | 151 |
| Going Loco | 147 | Modelex | 142 | White Rose Modelworks | 137 |
| Golden Age Models | 128 | Modelfair | 92-93 | Wizard Models | 152 |
| Grimy Times | 135 | Modellers Mecca | 150 | www.7mm.co | 145 |
| Harburn Hobbies | 145 | Modelmaniacs | 144 | Wyre Forest MRC | 143 |
| Haslington Models | 152 | | | Zinio | 146 |
| Hattons | 113-121 | | | | |

Next Issue

SEAFORTH

Next month Terry Gee's beautiful Southern Region terminus features in full offering a throw back to the halcyon days of Southern steam in the 1950s. With photography by Trevor Jones this is one feature not to miss!



FREE SUPPLEMENT

BRITISH ROAD SERVICES

The Editor of *Hornby Magazine*'s sister title *Vintage Roadscene* delves into the world of road vehicles and assesses the growing range of vehicles for 'N', 'OO' and 'O' gauge and their suitability for model railways.

Back to BASICS

TRACK LAYING

Good track work is essential for a smooth running model railway. With Project 12 as its focus Mike Wild begins laying the track for the new layout and explains how you too can achieve a reliable, solid and smooth running railway.



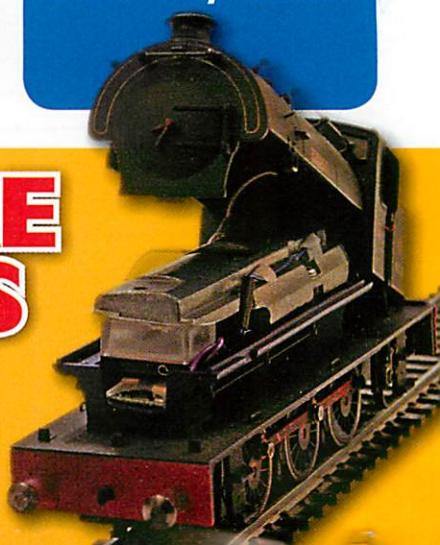
PLUS

We'll be reviewing all the latest models. Our regulars will be back too including Parker's Guide, Reality Check, The Clinic, Staff Projects and Railway Realism.

THE NEXT ISSUE OF
HORNBY
magazine
will be on sale March 9 2012
DON'T MISS IT!

AUSTERE SOUNDS

Digital sound is advancing all the time, but can you really fit a quart into a pint pot? Paul Chetter tackles the challenge of installing digital sound into a Hornby 'Austerity' 0-6-0ST to prove the point with impressive results.

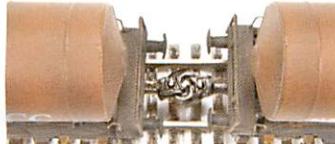


'N' releases in February

NEW

 Introducing Dapol "Easi-Shunt"
 Magnetic Couplers for NEM Pockets

NEW

 For the *first time* in
 British N Gauge
 truly hands free
 Shunting


COUPLED



UNCOUPLED OVER MAGNET



DRAW AWAY



UNCOUPLED

Also released this month include;
ND-201e - Class 66 Children's Livery

ND-111e - Network Rail HST Power Cars 43014 + 43062

ND-128a - A4 'Andrew K McKosh' LNER Blue 3

ND-128b - A4 'Silver Fox' BR Lined Green Early Crest 60017

ND-129a - A3 'Lemberg' BR Lined Green Late Crest 60045

ND-129b - A3 'Papyrus' LNER Apple Green 2750

2F013001 - L M S Gunpowder

2F013004 - L M S Gunpowder Weathered

2F071003 - SR 7 Plank

2F071004 - SR 7 Plank Weathered

NB-115c - Express Dairy 6 Wheel Milk Tanker 49

NB-115d - IMS 6 Wheel Milk Tanker 27

All product release dates correct at time of going to press

'OO' releases in February

D1000b - Class 22 BR Blue Split Box Full Yellow End D6326

D1000c - Class 22 BR Green Split Box Small Yellow End D6314

D1000d - Class 22 BR Blue Split Box Full Yellow Panel D6319

D1000e - Class 22 BR Blue Split Box Full Yellow Panel D6327

00SIGN1 - GWR Signal Home Motorised

00SIGN2 - GWR Signal Distant Motorised

00SIGN3 - LMS Signal Home Motorised

00SIGN4 - LMS Signal Distant Motorised

4F036002 - BR Bulk Grain X 5 Multi Pack Weathered

4F060001 - BR Bauxite Grampus

4F060002 - BR Bauxite Grampus Weathered

4F030001 - BR Bauxite 16T Steel Mineral

4F030002 - BR Bauxite 16T Steel Mineral Weathered

B859a - MRA Side Tipping ballast Wagon 5 Car Set Network Rail

B859d - MRA Side Tipping ballast Wagon 5 Car Set Network Rail Yellow

C097C - 57FT Stannier Coach Non Corridor Comp LMS Maroon Lined


The following retailers carry stocks of all new monthly products

 ALTON: **Alton Models** tel:01420 542244

 ARUNDEL: **Gaugemaster** tel:01903 884321

 AVIEMORE: **Strathspey Railway Co** tel:01479 810725

 AXMINSTER: **Buffers Model Railways** tel:01297 35557

 BARROW IN FURNESS: **Crafty Hobbies** tel:01229 820759

 BIDEFORD: **Osborn's Models** tel:01237 423453

 BRISTOL: **Model Railways Direct** tel:01275 774224

 BURTON-ON-TRENT: **The Tutbury Jinny** tel:01283 814777

 CAMBORNE: **Kernow Model Railway Centre** tel:01209 714099

 CARLISLE: **C & M Models** tel:01228 514689

 CHELTENHAM: **Cheltenham Models** tel:01242 523117

 HEREFORD: **Hereford Model Shop** tel:01432 352809

 KIDDERMINSTER: **DMB/Footplate Models** tel:01562 750076

 LIVERPOOL: **Hattons** tel:0151 733 3655

 NANTWICH: **Trident Trains** tel:01270 842400

 NOTTINGHAM: **Total N Gauge** tel:01623 758968

 PETERBOROUGH: **Trains 4 U** tel:01733 895989

 ROCHESTER: **The Signal Box** tel:01634 826370

 SHEFFIELD: **Rails of Sheffield** tel:01142 551436

 STANLEY: **Durham Trains of Stanley** tel:01207 232545

 STROUD: **ANTICS** tel:01453 825381

 SHEPTON MALLEY: **East Somerset Models** tel:01749 880651

 YORK: **Monk Bar Model Shop** tel:01904 659423



372-675 Class 411 4CEP EMU SR Multiple Unit Green with Whistle



Graham Farish presents the stunning 4CEP electric multiple units (later designated Class 411) in **N Scale**. The models feature **full underfloor equipment, illuminated route indicator box, fully detailed cab ends and interiors** and a **DCC 6 Pin decoder socket**. Available soon from your local stockist: to find your nearest retailer, please visit www.bachmann.co.uk.



372-676 Class 411 4CEP EMU SR Multiple Unit Green with Yellow Warning Panels & Roof Horns



372-677 Class 411 4CEP EMU BR Blue & Grey with Roof Horns



Era ④ signifies locomotives suitable for period 1948 - 1956 British Railways Early Emblem

Era ⑤ signifies locomotives suitable for period 1957 - 1966 British Railways Late Crest

Era ⑦ signifies locomotives suitable for period 1971 - 1982 British Railways Blue TOPS

6 DCC Indicates where locomotives are fitted with a NMRA/NEM 651 6-pin socket

7 Is used to denote a higher standard of excellence using the latest technology