



REVIEWED INSIDE...

• HATTONS A4 • RAILS/DAPOL 'TERRIER' • DAPOL 14XX

BRITISH RAILWAY MODELLING

BRM

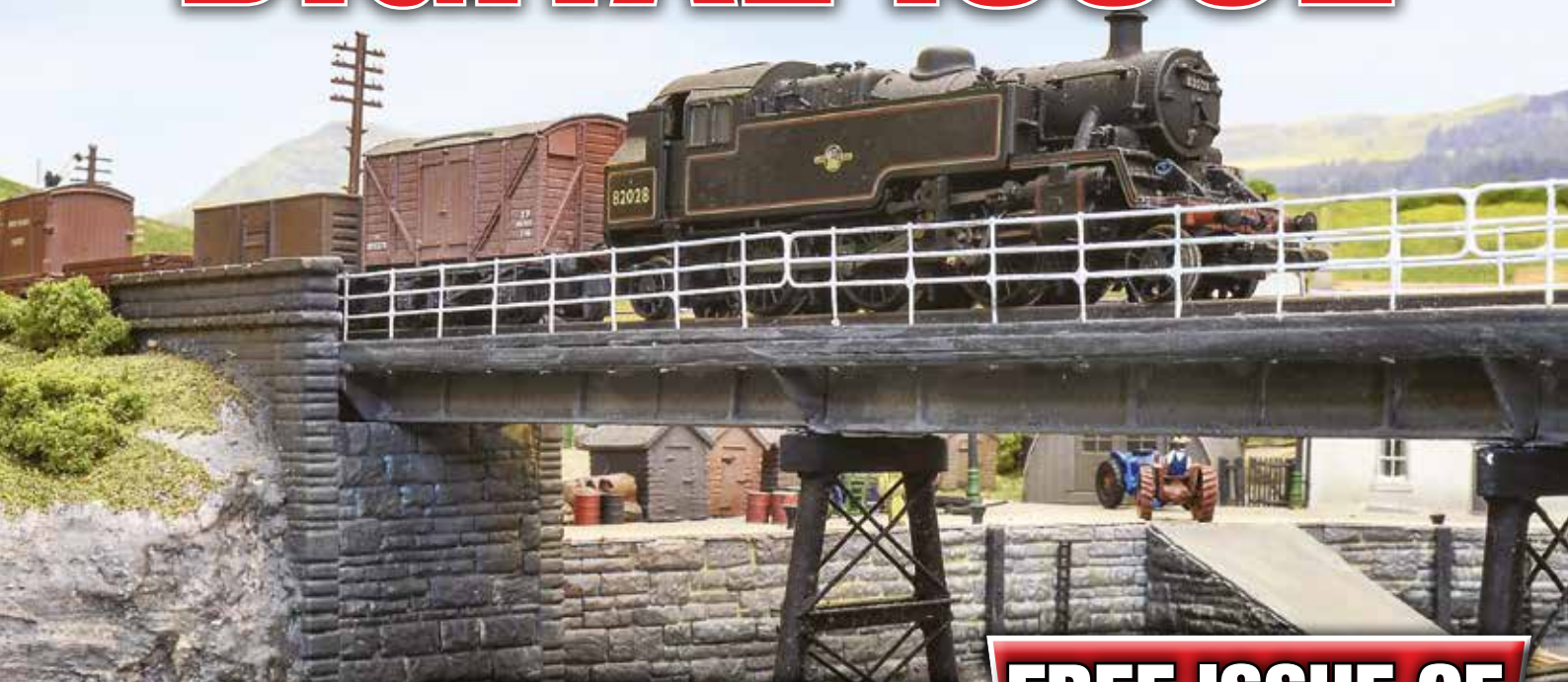
JULY 2020

WHAT A LOAD OF RUBBISH!

FIND OUT HOW TO CREATE YOUR OWN...



SUPER 228-PAGE DIGITAL ISSUE



INCLUDES

BRM TV

BRITISH RAILWAY MODELLING

**77 EXTRA
GALLERY
IMAGES**

**FREE ISSUE OF
GARDEN RAIL**

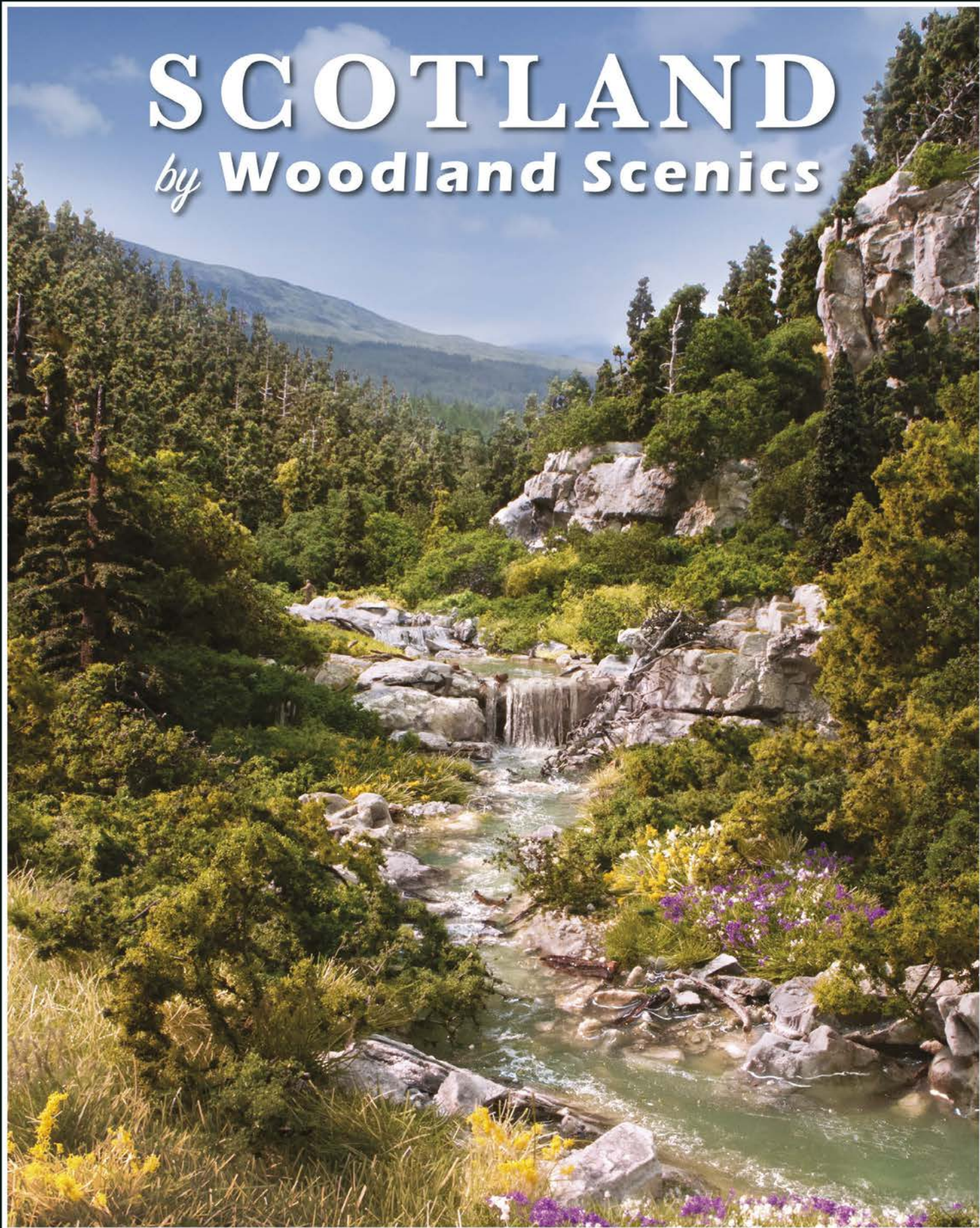
**3 BONUS
FEATURES**

**4 EXCLUSIVE
VIDEOS**



SCOTLAND

by **Woodland Scenics**



Create your own thriving landscape with

**WOODLAND
SCENICS®**

With rocks, foliage, trees, water, ballast and even snow, our range is perfect for adding realism & depth to scale layouts & dioramas!

For our full range & how-to videos visit our website:

www.bachmann.co.uk

DISCOUNT 'O' GAUGE

TOWER BRASS LOCOMOTIVES

R.T.R in unpainted brass/factory painted

GWR/BR Railcar 19-33.....	£550.00
GWR/BR Parcels Railcar No.34.....	£550.00
GWR 1361 Early black chassis.....	£525.00
GWR/BR 1361 Late black chassis.....	£525.00
LY/LMS/BR Pug black.....	£450.00
LNER/BR J39 0-6-0 black.....	£815.00
GWR/BR 8750 Pannier black chassis.....	£525.00

FULLY FINISHED R-T-R LOCOS

L&Y/LMS/BR Pug 0-4-0T.....	from £525.00
GWR/BR 1361 0-6-0ST.....	from £895.00
GWR/BR 8750 Pannier tank.....	from £895.00
GWR/BR Razor Edge railcar.....	£835.00
GWR/BR Parcels railcar.....	£810.00
LNER/BR J39 0-6-0.....	£950.00
LMS/BR Original Patriot.....	£1650.00
LMS/BR Royal Scot.....	£1650.00

Over 100 R-T-R locos available off the shelf

GLADIATOR LOCO KITS

GTR1 LNER/BR Director.....	£320.00
GTR3 LNER/BR J11 0-6-0.....	£330.00
GTR18 LMS/BR de-streamlined Duchess.....	£425.00
GTR20 LMS/BR Princess.....	£425.00
GTR21 LMS/BR Rebuilt Royal Scot.....	£365.00
GTR24 LMS/BR Original Patriot.....	£365.00
GTR25 LMS/BR Rebuilt Patriot.....	£355.00
GTR28 LMS/BR 2P 4-4-0.....	£300.00
GTR36 LBSC/SR/BR H2 Atlantic.....	£380.00
GTR50 LNER/BR Beyer Garratt 2-8-8-2.....	£635.00
GTR55 LMS/BR 2-8-0 Stanier 8F.....	£365.00
GTR61 LBSC/SR/BR H1 Atlantic.....	£380.00
GTR62 SR/BR Urie King Arthur.....	£425.00
F75 LNER/BR D17/1 D17/2 4-4-0.....	£310.00
F76 LNER/BR B16/1 4-6-0.....	£365.00
F79 NER/LNER/BR G6/BTP 0-4-4T.....	£220.00

JAVELIN LOCOMOTIVE KITS

JK6 G.W.R. Dean Goods 0-6-0.....	£335.00
----------------------------------	---------

MERCIAN LOCO KITS

SG5 LNER/BR J94 Austerity 0-6-0ST.....	£180.00
GW2 GWR/BR 14xx Autotank.....	£175.00

TOWER COLLECTION (D.J.H) BEGINNERS KITS

Includes wheels, gears and motor

TC1 Class 02 0-4-0 Diesel Shunter.....	£250.00
TC3 Andrew Barclay 0-4-0 Steam Shunter.....	£250.00

TOWER COLLECTION LOCO KITS

Require wheels, gears and motor

TC2 LMS streamlined Coronation.....	£595.00
TC4 LMS/BR non streamlined Duchess.....	£595.00
TC5 LMS/BR de-streamlined Duchess.....	£595.00
TC6 LMS/BR Sir William Stainer.....	£595.00
TC7 LMS/BR Black Five 4-6-0.....	£595.00
TC14 LMS/BR Stainer 8F 2-8-0.....	£595.00

D.J.H LOCO KITS

K300 B.R. Standard 84xx 2-6-2T.....	£399.00
K301 B.R. Standard ZMT 2-6-0.....	£457.00
K302 LMS/BR Ivatt 2-6-2T.....	£399.00
K303 LMS/BR Fairburn 2-6-4 T.....	£415.00
K310A LNER/BR A3 with Corridor tender.....	£656.00
K317B BR Britannia with BR1/A tender.....	£656.00
K324B B.R. 9F 2-10-0 BR1B/BR1C.....	£656.00
K326 B.R. Class 03 complete kit.....	£457.00
K336 LNER/BR J Peppercom A2.....	£656.00
K338 LNER/BR G5 0-4-0T.....	£457.00
K340 B.R. Class 14 complete kit.....	£457.00
K344 NEW LNER/BR Hunt Class 4-4-0.....	£525.00
K345 NEW LNER/BR Thompson A2/1.....	£656.00

PECO LINESIDE KITS

LK704 Wooden lineside hut kit.....	£21.15
LK705 Brick lineside hut.....	£21.15
LK709 Ground Level Signal Box.....	£30.45
LK710 Signal Box Interior Kit.....	£22.50
LK715 Brick Base Signal Box.....	£42.00
LK735 GWR Yard Crane.....	£22.80
LK741 GWR spear fencing.....	£11.65
LK742 GWR spear fencing ramps.....	£11.65
LK743 Field fencing and gates.....	£10.55
LK747 Telegraph Poles (6).....	£9.85
LK748 Ladders (4).....	£7.95
LK749 Loading Gauges (2).....	£13.20
LK750 Single track level crossing gates.....	£21.45
LK758 Platelayers tools.....	£6.85
LK759 Platform lamps (4).....	£9.25
LK760 Telephone boxes (2).....	£9.25
LK761 GWR Station seats (4).....	£8.80
LK762 MR/NER station seats (4).....	£8.80
LK763 SR/BR Station seats.....	£8.80
LK764 Bicycles (8).....	£8.80
LK765 Police Call Box.....	£10.55
LK790 GWR home or distant signal.....	£19.75

SLATERS BR WAGONS AND VANS KITS

7062 B.R. 12ton Vanwade.....	£38.00
7063 B.R. Standard Van.....	£38.00
7064 B.R. 12ton Standard/Flat Van.....	£38.00
7065 B.R. Meat Van.....	£38.00
7066 B.R. Insulated Van.....	£38.00
7067 B.R. 13 ton conflat 'A'.....	£34.00
7069 B.R. Lowfri Van.....	£34.00
7070 B.R. 12 ton Palvan.....	£38.00
7071 B.R. 13 ton High Goods Wagon.....	£34.00
7033 LNER/BR 20T Brake Van.....	£49.00
7053 LNER/BR 20T Brake Van.....	£53.00
70202 SEC/SR/BR 4 wheel PLV/GUV.....	£79.00
7021P SR/BR Bogie Van.....	£126.00
70222 SR/BR 4 wheel BY.....	£80.00

PECO WAGON KITS

W601 GWR Toad brake can.....	£42.75
W602 GWR Permanent Way brake.....	£42.75
W603 GWR 6 wheel brake.....	£44.50
W604 GWR 4 plank open.....	£36.00
W605 GWR Steel Open.....	£36.00
W606 GWR 10 ton Van.....	£44.00
W607 BR 16 ton Mineral wagon.....	£44.50
W608 BR 27 ton Iron Ore wagon.....	£44.00
W609 BR 20 ton Pig Iron wagon.....	£44.00

PECO 'O' GAUGE TRACKWORK

SLE786BH Curved R/H Point.....	£58.00
SLE787BH Curved L/H Point.....	£58.00
SL700BH 12 yards flexitrack.....	£85.75
SLE791BH Right Hand Point.....	£46.25
SLE792BH Left Hand Point.....	£46.25
SLE797BH Y Point.....	£46.25
SLE790BH Double Slip.....	£97.50
SLE794BH Long Crossing.....	£52.50
SL10 24 metal railjoiners.....	£3.00
SL11 12 insulated railjoiners.....	£2.85
SL740BH Buffer stop.....	£3.00
TP1 Long Track pins (15mm).....	£3.25
ST700 Box (6) 393mm straight.....	£48.00
ST725 Half circle 1028mm radius curves.....	£51.25
STU750BH R/H Setrack Point.....	£44.25
STU751BH L/H Setrack Point.....	£44.25
PL33 Microswitch.....	£5.95
PL19 Microswitch Housing (2).....	£4.85
PL80 Power Feed.....	£7.50

H.M.R.S. TRANSFERS

H1 L.M.S. gold loco and coach.....	£20.00
H2 L.M.S. yellow loco and coach.....	£20.00
H2A L.M.S. black style/Crews loco.....	£20.00
H3 L.M.S. loco lining.....	£20.00
H3A L.M.S. coach lining.....	£20.00
H4 L.N.E.R. green loco and coach.....	£20.00
H4A L.N.E.R. black loco and Gill Sinds.....	£20.00
H5 L.N.E.R. loco lining.....	£20.00
H6 L.M.S. goods wagon lettering.....	£18.50
H7 G.W.R. loco and coach lettering.....	£20.00
H8 G.W.R. loco and coach lining.....	£20.00
H9 S.R. Maunsell loco and coach lettering.....	£20.00
H10 S.R. Bulleid loco and coach lettering.....	£20.00
H11 G.W.R. goods wagon lettering.....	£18.50
H12 L.N.E.R. goods wagon lettering.....	£18.50
H13 S.R. goods wagon lettering.....	£18.50
H14 BR steam loco and coach lettering.....	£20.00
H15 BR blue diesel and coach lettering.....	£18.50
H16 LNW/R/WCS loco coach & wgn.....	£21.00
H17 LTSR/MR/SD/LY/MCR gds lettering.....	£20.00
H18 N.E.R. loco and coach lettering.....	£21.00
H20 CB/NB/GSWR/HR/GNSR wgn lettering.....	£20.00
H22 B.R. mixed traffic/L.N.W.R. loco lining.....	£20.00
H24 MR/SDJR/LTSR/MGN loco & coach.....	£21.00
H25 B.R. pre-TOPS wagon numbers etc.....	£18.50
H26 B.R. pre-TOPS wgn instructions etc.....	£18.50
H31 Pullman crests, names and numbers.....	£21.00
H32 Pullman lining.....	£18.50
H40 G.N.R. coach lettering.....	£21.00

PARKSIDE WAGON KITS

PS14 BR Grampus Ballast wagon.....	£34.50
PS15 BR 21 Ton Mineral wagon.....	£34.50
PS16 LNER Loco Coal wagon.....	£34.50
PS17 BR 12 ton Pipe wagon.....	£34.50
PS23 GWR/BR 13 ton open wagon.....	£34.50
PS24 GWR/BR 12 ton unfitted van.....	£34.50
PS25 BR 24.5 ton mineral wagon.....	£34.50
PS26 GWR/BR 12 ton fitted van.....	£34.50
PS27 GWR/BR 12 ton open with tarp bar.....	£34.50
PS28 GWR/BR 12 ton plywood van.....	£34.50
PS29 GWR/BR Fruit van.....	£34.50
PS30 BR 16 ton mineral wagon.....	£34.50
PS31 BR 16 ton slope sided mineral.....	£34.50
PS32 BR 16 ton mineral (ex SNCF).....	£34.50
PS33 BR 8 Plank wooden mineral.....	£34.50
PS42 LMS/BR 12 ton open wagon.....	£34.50
PS45 LNER/BR 12 ton goods van.....	£34.50
PS46 LNER/BR 12 ton fruit van.....	£34.50
PS49 GWR/BR Mica van.....	£34.50
PS100 SR/BR Banana van.....	£34.50
PS101 SR/BR Meat van.....	£34.50
PS104 BR 21 ton coal hopper.....	£34.50
PS106 SR/BR Cattle truck.....	£34.50
PS112 GWR/BR Gunpowder van.....	£34.50
PS114 LMS/BR Banana van.....	£34.50
PS115 LNER/BR Brake Van.....	£41.00

BACHMANN SCENECRAFT BUILDINGS

47040 Diesel Refuelling Point.....	£39.95
47047 Hampton Hill Platelayers Hut.....	£19.95
47203 Low Relief Corner Shop.....	£19.95
47009 Single Engine Shed.....	Special offer £60.00
47036 Sectional Lineside Hut.....	£20.50

NEW DAPOL 14/48/58xx

0-4-2T G.W.R. or B.R.
Available in various G.W.R. & B.R. liveries, autotuffed or not, numbered or un-numbered, basic, DCC or DCC sound fitted.
BASIC RRP £225.00 OUR PRICE £191.25
Sound fitted RRP £400.00 OUR PRICE £345.00
NOW AVAILABLE

LIONHEART SUBURBAN COACHES

Fully finished superb quality with interior details and lights.
2 car 'B' set G.W.R. or B.R. 6 types
RRP £470.50 OUR PRICE £399.99
4 car D set G.W.R. or B.R. 4 types
RRP £823.50 OUR PRICE £699.99

NEW DAPOL SENTINEL Y1/Y3

LNER, LMS, GWR, B.R. or N.C.B.
Basic RRP £175.00 OUR PRICE £148.75
DCC fitted RRP £205.00 OUR PRICE £174.25
Sound fitted RRP £350.00 OUR PRICE £297.50
NOW AVAILABLE

DAPOL (EX LIONHEART) PANNIERS

64XX and 74XX G.W.R. or B.R.
List Price £399.00 OUR PRICE £340.00
Sound Fitted RRP £550.00 OUR PRICE £467.50

NEW DAPOL 57XX/8750 PANNIERS

57xx in BR Livery
8750 in GWR & BR Liveries with riveted tank option
Basic Version RRP £235.00 OUR PRICE £199.75
DCC Fitted RRP £265.00 OUR PRICE £225.25
AVAILABLE 2020

NEW DAPOL 10 FOOT W.B. WAGONS

B.R. Open Wagons (various)
RRP £46.35 OUR PRICE £39.50
B.R. VEA, VBA, MEAT, INSULATED AND STANDARD VANS (12 TYPES)
RRP £49.95 OUR PRICE £42.50

NEW DAPOL

B.R. Standard 20T Brakevan
3 grey liveries available
RRP £79.95 OUR PRICE £67.95
CUSTOM WEATHERED £92.25

DAPOL HEA & HAA COALWAGONS

4 Types of each
RRP £54.95 OUR PRICE £46.95
HAA'S LAST FEW - HEA'S 2020 RELEASE

TOWER MODELS LIMITED

EDITION DAPOL WAGON SETS
Set of 6 Esso or Shell BP Tankers
RRP £324.48 OUR PRICE £275.00
Set Of Six Planked & Plywood Vans
RRP £299.70 OUR PRICE £255.00
NOW AVAILABLE

NEW DAPOL B.R. MARK 1 COACHES

Available as CK, SO, SK and BSK in crimson & cream, S.R. green, blue & grey, chocolate & cream and maroon, numbered or un-numbered
Basic RRP £199.00 OUR PRICE £169.15
DCC fitted RRP £234.00 OUR PRICE £198.90
NOW AVAILABLE

DAPOL (EX LIONHEART) 45XX PRAIRIE

Superb quality fully finished with diecast body and excellent detail. Choice of six liveries, numbered and un-numbered.
RRP £495.00 OUR PRICE £420.75
Sound fitted RRP £650.00 OUR PRICE £552.50
Available Spring 2020 Reserve yours now

DAPOL CLASS 121 & 122

Choice of 5 liveries
List Price £299.00 OUR PRICE £254.15
DCC Sound List Price £489.00 OUR PRICE £424.15
Available Soon. Reserve yours now

NEW DAPOL MOTORISED SIGNALS

GWR & LMS Home 4 versions
List Price £55.95
OUR PRICE £47.55

NEW HELJAN CLASS 25/3

3 liveries remaining
RRP £525.00 OUR PRICE £446.25
LAST FEW

HELJAN CLASS 25/1

Green full yellow ends
RRP £599.00 OUR PRICE £475.00

NEW HELJAN CLASS 117

2 Car and 3 Car D.M.U.
Available in a range of liveries from Cats Whiskers to N.S.E.
Available 2020
Reserve yours now

NEW HELJAN CLASS 37/4

4 liveries available
RRP £599.00
OUR PRICE £509.15
NOW AVAILABLE

NEW HELJAN 61XX PRAIRIE TANK

HJ6100 6110 Great Western
HJ6101 6106 G.W.R.
HJ6102 6114 B.R. unlined black
HJ6103 6111 B.R. unlined green
HJ6104 6132 B.R. lined green
HJ6120 un-numbered Great Western
HJ6121 un-numbered B.R. unlined black
HJ6122 un-numbered B.R. unlined green
HJ6123 un-numbered B.R. lined green
HJ6124 5184 Great Western
HJ6125 4144 B.R. unlined black
HJ6126 5158 B.R. lined green
RRP £699.00 OUR PRICE £594.15
NOW AVAILABLE
See our website for full details

NEW HELJAN 43XX MOGUL

6 standard versions in G.W.R. and B.R.
all un-numbered and
2 limited editions numbered
List Price £779.00 OUR PRICE £662.15
NOW AVAILABLE

HELJAN CLASS 45

2 liveries available
RRP £699.00 OUR PRICE £550.00
LAST FEW

NEW HELJAN CLASS 03

5 liveries available
Both numbered and un-numbered
List Price £399.00 OUR PRICE £335.75
NOW AVAILABLE

NEW HELJAN CLASS 05

HJ2590 B.R. Plain Green
HJ2591 B.R. Green with chevrons early
HJ2592 B.R. Green with chevrons late
HJ2593 B.R. Blue with chevrons
HJ2594 CEGB Yellow
HJ2595 NCB Green
HJ2596 Industrial Maroon
RRP £395.00 OUR PRICE £315.00
AVAILABLE NOW

NEW HELJAN WAGONS

Heljan Catfish RRP £99.95
OUR PRICE £79.95 or
£75.00 for 6 or more

NEW HELJAN CLASS 33

Early and Late Versions
RRP £549.00 OUR PRICE £466.65
11 Liveries IN STOCK

NEW HELJAN CLASS 31/0

Limited Re-run Six liveries planned
RRP £549.00 OUR PRICE £466.65
Available July 2020

HELJAN CLASS 31/1 & 31/4

Various liveries
RRP £549.00 OUR PRICE £466.65
Available late 2020

HELJAN CLASS 35 HYMEK

Limited Re-run Four liveries planned
RRP £495.00 OUR PRICE £420.75
NOW AVAILABLE

HELJAN CLASS 55

3 Liveries Available
RRP £599.00 OUR PRICE £509.15
NOW AVAILABLE

NEW HELJAN CLASS 47

2 Versions, 1960/70s & 1980/90s
Eleven liveries planned
RRP £699.00 OUR PRICE £594.15
AVAILABLE LATE 2020

HELJAN CLASS 56

Total of 8 liveries
RRP £699.00 OUR PRICE £594.15
AVAILABLE LATE 2020

HELJAN CLASS 40

CENTRE HEADCODE 5 liveries
RRP £549.00 OUR PRICE £466.65
AVAILABLE LATE 2020

NEW HELJAN CLASS 17

Four liveries planned Price TBC
AVAILABLE 2020

HELJAN DIESEL

BRM TV

BRITISH RAILWAY MODELLING

IN THIS EPISODE...

The neglect of a railway line in decline is well-captured by our layout of the month, 'Shwt'. Meanwhile, Phil Parker heads back to basics with a card kit build and Howard Smith puts a precision static grass applicator through its paces on a section of 'Runcorn Salt Union'.



**TELL US WHAT YOU
THINK OF THIS
MONTH'S DVD**

VISIT OUR FACEBOOK PAGE
AND GET INVOLVED IN
THE CONVERSATION.



WATCH THE VIDEO HERE
(You must have a wifi connection to stream video content)



PLAY

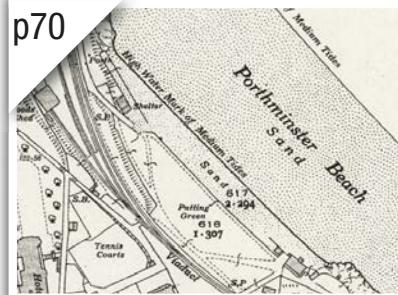
p26



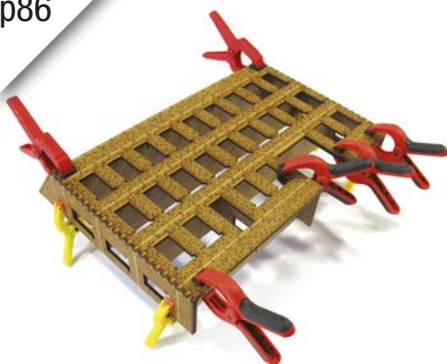
p38



p70



p86



p58



p90



Your Cover



July 2020 CONTENTS

LAYOUTS

26 SANDY BAY (N)

Kevin Smith's research on the Whitby, Redcar and Middlesbrough Union Railway led to this pleasing interpretation.

44 PARSONS VALE (00)

Modelling a disappeared sidings near Bristol in a challenging space didn't defeat Rob Owst, who turned to archive material.

58 SHWT (EM)

Sharing a love for British Railways Western Region branch lines, a trio of friends created this inspired model.

74 THE VALE OF WEEDOL (16MM SCALE)

Operating a miniature railway in the great outdoors comes with its benefits and pitfalls, as Dave Skertchly explains.

PRACTICAL BRM

38 HOW TO MODEL RUBBISH

Bringing your post-1950s layout to life is all in the detail, as Michael Russell shares techniques to create detritus in miniature.

56 HOW TO ADD LAYOUT AUTOMATION

Phil Parker introduces a system used to reliably relieve layout operators of repetitive or less-interesting manoeuvres.

66 MODEL A BROWNFIELD SITE

Howard Smith creates an area of abandoned land, as commonly-found around railway lines in urban locations.

86 BUILD A STONE WAREHOUSE KIT

Phil Parker investigates a new range of laser-cut kits, ideal for modellers with ambitions of industrial grandeur.

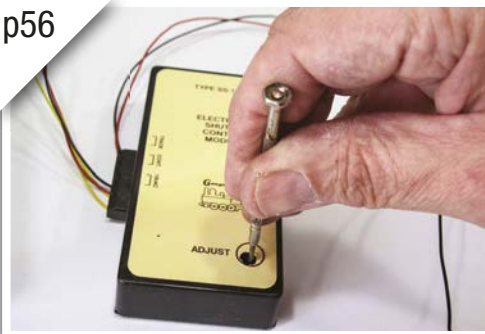
90 HOW TO BUILD YOUR FIRST CARD KIT

Many a modeller has learnt constructional skills by building card kits. Phil Parker explains why they're an important first step for beginners.

p44



p56



p74



p66



PRODUCTS & FEATURES

22 LATEST NEWS

A round-up of the headlines from the model railway world this month.

70 PROTOTYPE INSPIRATION: ST IVES

In the first of a new series, Andy York explores box room-sized trackplans, offering modellers great potential in manageable formats.

100 GOODS INWARDS

A bumper selection of scenic products, model figures, consumables and model spares arrive this month with stockists.

102 REVIEW: HATTONS LNER A4 4-6-2 'PACIFIC'

A new exclusive East Coast Main Line 'racehorse' for O gauge arrives in stock with Hattons. Andy York takes a closer look.

106 REVIEW: RAILS/DAPOL A1/A1X 0-6-0T 'TERRIER'

Tooled exclusively for Rails of Sheffield by Dapol, Andy York believes these models have been worth the wait.

p102



p106



BRITISH RAILWAY MODELLING

BRM

**BRM AUGUST ISSUE
ON SALE JULY 16**

BRITISH RAILWAY MODELLING

is published by Warners Group Publications plc
E BRM@warnersgroup.co.uk

SUBSCRIPTION ENQUIRIES

T 01778 392002

DIGITAL EDITION ENQUIRIES

E help@pocketmags.com

EDITORIAL

BRAND CONTENT MANAGER

Debbie Wood

E debbie.wood@warnersgroup.co.uk

MULTI-MEDIA EDITOR

Howard Smith

T 01778 392059

E howards@warnersgroup.co.uk

FEATURES WRITER

Phil Parker

E phil.parker@warnersgroup.co.uk

RMWEB EDITOR & BRM PHOTOGRAPHER

Andy York

E info@rmweb.co.uk

TRACKPLAN ILLUSTRATOR

Ian Wilson at Pacific Studio

E ian@pacificstudio.co.uk

PROOF READER

Tony Wright

PUBLISHER

Steve Cole

E stevec@warnersgroup.co.uk

MARKETING MANAGER

Carly Dadge

E carlyd@warnersgroup.co.uk

ADVERTISING

GROUP ADVERTISING MANAGER

Bev Machin

T 01778 392055

E bev@warnersgroup.co.uk

SALES EXECUTIVE

Hollie Deboo

T 01778 395002

E hollie.deboo@warnersgroup.co.uk

DESIGN AND PRODUCTION

DESIGNER

Ruth Jamieson

E ruth.jamieson@warnersgroup.co.uk

ADVERTISING DESIGNER/PRODUCTION

Amie Carter

E amiec@warnersgroup.co.uk

DISTRIBUTION

TRADE ACCOUNT SALES

E tradeaccountorders@warnersgroup.co.uk

UK/OVERSEAS NEWSTRADE SALES

Keiron Jefferies T 01778 395043

E keironj@warnersgroup.co.uk

PRINTING

Warners (Midlands) plc, The Maltings,
West Street, Bourne, Lincolnshire PE10 9PH
Ideas for contributions should be sent in outline form to the Editor for consideration. Please clearly mark all material with your name and address, and include sufficient postage if you require material to be returned. Views expressed by contributors are not necessarily those of the Editor or Publisher. From time to time Warners lend reputable companies the names and addresses of readers who have responded to offers, services and competitions organised by BRM. If you do not wish to receive such mailings, please write to Warners Group Distribution, Dept WD, Manor Lane, Bourne, Lincolnshire PE10 9PH or call 01778 391153.

THE HEREFORD MODEL CENTRE

Email: sales@herefordmodelcentre.co.uk
www.herefordmodels.com

4 COMMERCIAL ROAD, HEREFORD,
HEREFORDSHIRE, HR1 2BB



SALES LINE
01432 352809

SHOP OPEN 9.00am - 5.30pm
Monday to Saturday

HORNBY

R3004	BR Serby Hall weathered.....	£116.45
R3004X	BR Serby Hall weathered.....	£133.45
R3233	D16/3 LNER.....	£100.95
R3235	D16/3 British Railways.....	£100.95
R3276	LMS Compound.....	£66.45
R2744	Schools Blundells BR.....	£84.95
R2917	2800 Class BR.....	£103.99
R3017	BR Patriot.....	£108.50
R3194	Schools 'Epsom' BR/E.....	£111.95
R3074	King GWR (Stamp Collection).....	£112.99
R3318	B17 Gilwell BR Early.....	£121.95
R3380	J15 LNER.....	£96.90
R3381	J15 BR Early.....	£96.90
R3329	BR Late S15.....	£123.99
R3327	SR S15.....	£123.99
R3242A	K1 BR Early.....	£116.95
R3243B	K1 BR Late.....	£116.95
R3413	S15 Late.....	£119.45
R3465	LNER Class N2.....	£82.95
R3424	LNER Q6.....	£125.45
R3425	BR Early Q6.....	£125.45
R3411	S.R. S15.....	£125.95
R3421	BR/E 700 Class.....	£99.45
R3426	BR Late Q6.....	£125.45
R3333	BR Early Adams Radial.....	£107.95
R3334	BR Late Adams Radial.....	£107.95
R3416	J15 BR Late.....	£99.45
R3418	K1 BR Early.....	£114.45
R3422	Adams SR.....	£109.45
R3423	Adams BR.....	£109.45
R3499	Hall Class BR Late.....	£72.45
R3414	LNER J15.....	£99.45
R3407	J50 BR Early.....	£78.50
R3445	BR W.C. Camelford.....	£147.45
R3432	B12 BR Late.....	£127.95
R3586	Railroad Schools.....	£75.99
R3525	BoB Archibald Sinclair.....	£131.99
R3385TTS	BR Black 5.....	£169.45
R3588	LNER B17.....	£76.50
R3630	LNER A4 Woodcock.....	£135.99
R3612	80th Anniversary Mallard.....	£183.99
R3615	Peckett W4.....	£89.99
R3681	LMS Coronation.....	£184.00
R3682	BR Blue Coronation.....	£184.00
R3634	Sir Frances Drake.....	£152.95
R3767	BR Terrier.....	£80.75
R3781	K&ESR Terrier.....	£80.75
R3677	LMS Duchess of Hamilton.....	£171.00
R3639	LMS King George VI.....	£171.00
R3603TTS	BR Lord Nelson TTS Sound.....	£175.00
R3621	LNER J36.....	£125.75
R3622	BR J36.....	£125.75
R3638	BR Bideford.....	£166.50
R3804	Hogwarts Castle (Hall class).....	£99.00
R3804TTS	Hogwarts Castle w. sound.....	£122.50
R3727	LMS Pug.....	£63.00
R3728	BR Pug.....	£63.00
R3729	LNER O1.....	£98.99

R3730	BR O1.....	£98.99
R3544	LNER B12.....	£145.00

HORNBY DIESEL/ELECTRIC LOCOMOTIVES

R3485	Class 08 Laira Blue.....	£109.45
R3573	Class 66 GBRF.....	£79.45
R3577	Sentinel graham.....	£58.00
R3685	GWR HST.....	£261.00
R3580	Class 87 BR Blue.....	£139.40
R3659	Class 67 Colas.....	£144.00
R3669	GWR Railcar.....	£45.99
R3778	Class 66 DB Schenker.....	£66.95
R3785	Class 66 GBRF Interhub.....	£66.95
R3786	Class 66 Freightliner.....	£66.95
R3787	Class 66 Colas.....	£66.95
R3704	R&H 48DS Rustons Works.....	£71.99
R3705	R&H 48DS Dewars.....	£71.99
R3706	R&H 48DS Army.....	£71.99
R3707	R&H 48DS Longmorn.....	£71.99
R3757	Class 47 Royal Train.....	£64.00
R3758	Class 47 Royal Train.....	£64.00
R3739	Class 87 BR Blue.....	£153.89
R3760	Class 59 GBRF.....	£67.99

HORNBY TRACK

R083	Buffer Stop.....	£1.65
R207	Track Fixing Pins.....	£2.50
R600	Straight.....	£1.15
R601	Double Straight.....	£1.85
R605	Double Curve 1st Rad.....	£2.05
R606	Curve 2nd Rad.....	£1.40
R607	Double Curve 2nd Rad.....	£1.95
R608	Curve 3rd Rad.....	£1.65
R609	Double Curve 3rd Rad.....	£2.25
R610	Short Straight.....	£1.10
R614	LH Diamond Crossing.....	£9.25
R615	RH Diamond Crossing.....	£9.25
R617	Uncoupling Ramp.....	£2.60
R618	Double Isolating Rail.....	£6.85
R620	Railer Uncoupler.....	£4.35
R628	Half Curve 3rd Rad.....	£1.80
R643	Half Curve 2nd Rad.....	£1.20
R8072	LH Point.....	£7.95
R8073	RH Point.....	£7.95
R8074	LH Curved Point.....	£12.60
R8075	RH Curved Point.....	£12.60
R8076	Y Point.....	£8.95
R8077	LH Express Point.....	£12.60
R8078	RH Express Point.....	£12.60
R8261	4th radius curve.....	£1.85
R8206	Power Track.....	£5.95

BACHMANN STEAM LOCOMOTIVES

31-088	BR Black Earl.....	£118.95
--------	--------------------	---------

31-980	Standard 3MT BR.....	£110.45
31-783	Fountains Hall.....	£114.70
35-075	E4 LBSC.....	£93.45
35-076	E4 Southern.....	£93.45
35-077	E4 BR Early.....	£93.45
35-078	E4 BR Late.....	£93.45
31-001	Robinson BR Late Crest.....	£94.99
31-002	Robinson BR Early Crest.....	£94.99
31-003	Robinson LNER.....	£94.99
31-127	CL3000 BR ROD.....	£118.45
31-128	BR ROD Weathered.....	£105.45
31-136DC	D11/2.....	£115.90
31-628DC	Class 3F BR weathered.....	£93.20
31-931	LMS Compound.....	£112.90
31-933	BR Compound Late Crest.....	£112.88
31-932DC	BR Compound.....	£127.75
31-465	C Class BR.....	£93.46
32-154A	N Class BR Black Withd.....	£99.10
32-233	3F SDJR Blue.....	£62.00
32-880	Fairburn LMS.....	£106.20
31-461A	C Class SR Black.....	£106.20
31-462A	C Class BR Early.....	£106.20
31-433	Midland Class 1F LMS.....	£81.55
31-434	Midland Class 1F BR.....	£81.55
31-003A	Robinson LNER.....	£110.45
31-004A	Robinson BR Early.....	£118.95
31-435	1F BR Early.....	£81.55
31-480	G2A LMS.....	£101.95
31-481	G2A BR Early.....	£114.70
31-119	BR Class 4MT Black.....	£135.95
32-279A	LNER Class K3 Black.....	£118.95
31-614	BR Late V3.....	£110.45
32-575A	LMS 4MT.....	£114.70
32-353	4MT BR Green.....	£110.45
32-359A	4MT BR Early.....	£110.45
32-176	BR Crab.....	£123.20
35-051	LMS Coal Tank.....	£101.95
35-052	BR Early Coal Tank.....	£101.95
31-014	Class 7F SDJR Black.....	£125.75
31-015	Class 7F LMS Black.....	£125.75
31-691	Stanier Mogul.....	£135.95
32-178A	LMS Crab.....	£123.45
32-236	Class 3F BRITISH RAILWAYS.....	£93.40
32-078	GWR 56xx.....	£97.70
32-083A	Class 56xx BR weathered.....	£101.95
31-761	GWR C1 Atlantic.....	£169.95
31-762	LNER C1 Atlantic.....	£161.45

BACHMANN DIESEL/ELECTRIC LOCOMOTIVES

31-266	MLV Green with yellow panel.....	£62.45
31-269	MLV Jaffa.....	£83.26
31-575	Windhoff MPV NWR.....	£104.00
31-576DC	Windhoff MPV NWR.....	£114.00
31-679	Class 85 Electric Blue.....	£118.95
32-937	Class 150 Centro.....	£127.45
32-928	Class 150 Sprinter.....	£135.95
32-067	Class 43 Royal Oak.....	£118.95
32-034A	Class 20 BR Green weathered.....	£97.70
32-981	Freightliner Class 66.....	£127.45
32-992	Wickhams Trolley Yellow.....	£67.95
32-993	Wickham Trolley Yellow.....	£67.95
31-040	SWT Class 450.....	£271.95
31-041	SWT Class 450 withd.....	£297.45
31-663	BR Class 47 Rft.....	£135.95
32-789	Class 37 Colas.....	£135.95
32-122	BR Class 08 RFD.....	£106.20

EXCLUSIVE PECO N GAUGE TTA WAGONS

NR-P987A	Shell/BP black no. 5170.....	£13.45
NR-P987B	Shell/BP black no. 5175.....	£13.45
NR-P987C	Shell/BP black no. 5177.....	£13.45
NR-P987DW	Shell/BP black no. 5169 withd.....	£14.25
NR-P987EW	Shell/BP black no. 5172 withd.....	£14.25
NR-P987FW	Shell/BP black no. 5178 withd.....	£14.25
NR-P987G	Shell/BP black no. 5171.....	£13.45
NR-P987H	Shell/BP black no. 5176.....	£13.45
NR-P987I	Shell/BP black no. 5174.....	£13.45
NR-P987JW	Shell/BP black no. 5173 withd.....	£14.25
NR-P987KW	Shell/BP black no. 5179 withd.....	£14.25

NR-P987LW	Shell/BP black no. 5168 withd.....	£14.25
NR-P993A	BP Grey no. BP067266.....	£13.45
NR-P993B	BP Grey no. BP067082.....	£13.45
NR-P993C	BP Grey no. BP067095.....	£13.45
NR-P993DW	BP Grey no. BP067168 withd.....	£14.25
NR-P993EW	BP Grey no. BP067177 withd.....	£14.25
NR-P993FW	BP Grey no. BP067184 withd.....	£14.25
NR-P994A	BP Green no. BP067161.....	£13.45
NR-P994B	BP Green no. BP067162.....	£13.45
NR-P994C	BP Green no. BP067368.....	£13.45
NR-P994DW	BP Green no. BP067765.....	£14.25
NR-P994EW	BP Green no. BP067783.....	£14.25
NR-P994FW	BP Green no. BP067574.....	£14.25
NR-P995A	BP Black no. BP065762.....	£13.45
NR-P995B	BP Black no. BP065764.....	£13.45
NR-P995C	BP Black no. BP065771.....	£13.45
NR-P995DW	BP Black no. BP065770.....	£14.25
NR-P995EW	BP Black no. BP065765.....	£14.25
NR-P995FW	BP Black no. BP065766.....	£14.25
Offers on above wagons		
Any 3 pristine.....		£39.60
Any 3 weathered.....		£42.00
3 weathered + 3 pristine.....		£79.50

EXHIBITIONS ATTENDING 2020

18th & 19th SEPTEMBER REDDITCH

18th & 19th SEPTEMBER SWANSEA

26th & 27th SEPTEMBER LYDNEY

28th & 29th NOVEMBER WARLEY NEC

NEW WEBSITE NOW LIVE

**LARGE QUANTITY
OF QUALITY
SECOND HAND
ALWAYS IN STOCK**
Please contact us
for details

**All offers valid to
31st August 20**

POSTAGE & PACKING RATES PER ORDER:
UK Standard..... £3.95
UK Insured..... £7.10
UK Courier Transport & Packing... £9.00

Worldwide at cost. VAT free to non EC
**PRICES SUBJECT TO CHANGE
WITHOUT NOTICE**

**** Please allow 7 days for
clearance when paying by
cheque ****

**PLEASE QUOTE SPECIAL
PRICES WHEN YOU VISIT US.**

**Credit Cards Welcome...
Visa, Mastercard & Switch**

NEW



Pristine	Weathered	Pack of 3	Pack of 3	All 6 Exclusive TTAs
£13.45	£14.25	Pristine	Weathered	£79.50
3 Numbers Available (5170, 5175, 5177)	3 Numbers Available (5169, 5172, 5178)	£39.60	£42.00	(3 Pristine & 3 Weathered)

accurascale

WWW.ACCURASCALE.CO.UK



HEAVY TRAFFIC! BSC PTA/JTA+JUA WAGONS

IN 1:76.2/00 SCALE COMING AUTUMN 2020

PRE-ORDER NOW!



Selling your model railways?

Warwick and Warwick have an expanding requirement for early to modern collections of British and Foreign trains and train sets from large accumulations to items of individual value. Our customer base is increasing dramatically and we need an ever larger supply of quality material to keep pace with demand. The market has never been stronger and if you are considering the sale of your collection, now is the time to act.



FREE VALUATIONS - We will provide a free, professional valuation of your collection, without obligation on your part to proceed. Either we will make you a fair, binding private treaty offer, or we will recommend inclusion of your property in our next public auction.

FREE TRANSPORTATION - We can arrange insured transportation of your collection to our Warwick offices completely free of charge. If you decline our offer, we ask you to cover the return carriage costs only.

FREE VISITS - Visits by our valuers are possible anywhere in the country or abroad, in order to assess more valuable collections. Please phone for details.

ADVISORY DAYS - We have an ongoing programme of advisory days, in all regions of the United Kingdom, where you can meet us and discuss the sale of your collection.

We will be visiting all areas of the UK in the coming months, please visit our website or telephone for details

EXCELLENT PRICES - Because of the strength of our customer base we are in a position to offer prices that we feel sure will exceed your expectations.

ACT NOW - Telephone or email Richard Beale today with details of your property.



Warwick & Warwick

AUCTIONEERS AND VALUERS
www.warwickandwarwick.com

Get the experts on your side!

Warwick & Warwick Ltd., Chalon House, Scar Bank,
Millers Road, Warwick CV34 5DB England

Tel: (01926) 499031 • Fax: (01926) 491906

Email: richard.beale@warwickandwarwick.com

/warwickauctions

@warwickauctions

Welcome to July

As we continue through the Covid-19 pandemic, the **BRM** team's thoughts are with you and your loved ones. Perseverance has been key to coping with the changes to our way of life. Railway modelling is small fry compared to the importance of our health, but we'd like to think the ability to become absorbed in our hobby makes for a good distraction and better mental well-being.

We know that many still find themselves with less work and more leisure time, as online traffic across our platforms remains strong. This month seems to have been our busiest yet, spent among **BRM**, its digital iterations, our popular **BRM** TV show, world-of-railways, RMweb and a new side project! We trust that our brand is one you can rely on to uplift spirits, deliver interesting content and share all that's great about this wonderful hobby.

Don't forget, you can still subscribe to have print copies of **BRM** delivered through your letterbox, or digitally via the internet. Every digital issue of **BRM** allows us to share

bonus images, which we couldn't fit into the print edition owing to space, and content-related videos. Our World of Railways website continues to remain the hub for easily-digestible daily model railway news, unboxing videos and step-by-step guides. Look out for our See it/Make it challenges, too, with modellers young and old, new, or experienced taking part. Prizes won so far include a OO gauge Hornby HST power car set, OO gauge Dapol Class 29 and N gauge Graham Farish Class 101 DMU.

Good news this month comes as the impact of China ramping up production sees a number of new highly-anticipated models arriving with retailers. In this issue, we examine Hatton's/Heljan's O gauge LNER A4 'Pacific', Rails of Sheffield's/Dapol's OO gauge A1/A1X Stroudley 0-6-0T 'Terrier' and Dapol's O gauge GWR 0-4-2T 14XX.

At last, it seems that plans are in place to re-open sections of our economy, little by little – welcome news for the retail industry and many 'brick and mortar' model shops, many of whom rely on footfall over online

customers to guarantee their survival. We know that safe-guarding everyone's health remains at the forefront of everyone's minds, however.

In a positive twist, we'll be hosting a virtual model railway show on our website, www.world-of-railways.co.uk on July 4 and 5. Expect to see a broad selection of your favourite layouts and how-to guides from key exhibition demonstrators and experts, across multi-media formats with some of the best model railway photography, videos, interviews and articles. You'll be able to enjoy free access from the comfort of your own home. Stay tuned to the website, as we'll be offering prizes across both days of the show. Information and a timetable for the weekend will be made available prior to the show on our Facebook, YouTube, and Twitter channels – be sure to follow us on these to keep up-to-speed on the latest news in the world of model railways. We'll see you there – virtually, of course!

BRM Team

How to get your next issue of BRM

Although it's tricky to visit the shops at the moment and collect the latest issue, there are a number of ways you can get **BRM** delivered straight to your door or inbox!

- 1 Buy a single printed issue of the latest edition, delivered straight to your door at; www.world-of-railways.co.uk/Store/Latest-issue
- 2 Subscribe to the printed edition, again for postal delivery, where there are plenty of great offers at; <https://www.world-of-railways.co.uk/Store/Subscriptions/>
- 3 You can sign up to a digital subscription and download every issue from Pocketmags at; <https://pocketmags.com/british-railway-modelling-magazine>
- 4 Finally, you can sign up for our digital archive. This is a membership service that gives you access to every single issue of **BRM** since 2007, plus all future issues. Find out more at; www.world-of-railways.co.uk/store/digital-archive/



METCALFE

Card Construction Kits

STRUCTURES

SINGLE TRACK TUNNEL ENTRANCE
00 CODE PO243/N CODE PN143



RETAINING WALLS

RED BRICK - 00 CODE PO244/N CODE PN145
STONE - 00 CODE PO245/N CODE PN144

TAPERED WALLS

RED BRICK - 00 CODE PO248/N CODE PN148
STONE - 00 CODE PO249/N CODE PN149



DOUBLE TRACK TUNNEL ENTRANCE
00 CODE PO242/N CODE PN142



VIADUCT

RED BRICK - 00 CODE PO240/N CODE PN140
STONE - 00 CODE PO241/N CODE PN141



RAILWAY BRIDGE

RED BRICK
00 CODE PO246/N CODE PN148
STONE
00 CODE PO247/N CODE PN149



SETTLE-CARLISLE STATION MASTER'S HOUSE

00 CODE PO335/N CODE PN935

SETTLE-CARLISLE GOODS SHED

00 CODE PO336/N CODE PN936

SETTLE-CARLISLE



SETTLE-CARLISLE STATION

00 CODE PO333/N CODE PN933



SETTLE-CARLISLE DOUBLE TRACK ENGINE SHED
00 CODE PO337/N CODE PN937



SETTLE-CARLISLE STATION SHELTER
00 CODE PO334/N CODE PN934



Join our community on social media!
Facebook: **Metcalfe Models Official Group**
Twitter: **@MetcalfeKits**
Instagram: **@MetcalfeModelsandToys**



METCALFE

Card Construction Kits



Missing a Metcalfe?

We are really sorry our kits are in short supply at the moment.

We worked really hard to make sure you had enough Metcalfe kits to keep you going before lockdown. Unfortunately, we experienced a bit of panic buying, which means we are now really low on stock. (It's OK, we understand. We just wanted everyone to have enough to do!). This means it's going to take a while before we'll have enough stock to start selling again.

As we slowly emerge from lockdown, we also have to make sure our factory is safe for everyone coming back to work.

So please bear with us, we will be back soon. Thank you.

METCALFE

Card Construction Kits

SADLY, OUR ONLINE SHOP IS CLOSED BUT YOU CAN STILL BROWSE AND DOWNLOAD KIT PLANS AT

WWW.METCALFEMODELS.COM

POPULAR PRODUCTS WITH UP TO

50% OFF



Item name	RRP	TMC Price
ACC1014-HUO-H Accurascale OO Gauge BR 24.5T HOP24/HUO Coal Hopper - Grey TOPS- Pack H	£59.95	£59.95
ACC1015-HUO-I Accurascale OO Gauge BR 24.5T HOP24/HUO Coal Hopper - Grey TOPS- Pack I	£49.96	£49.96
29503 Bachmann USA On30 Scale #5153 2-6-2T Baldwin Class 10 DCC Sound Fitted	£382.60	£325.21
29504 Bachmann On30 Scale Quartermaster Corps #1 2-6-2T Baldwin 10 Trench Engine DCC Sound Fitted	£382.60	£325.21
30-165 Bachmann OO Gauge The Thanet Flyer Train Set	£179.95	£125.96
30-285 Bachmann OO Gauge The Midlander Express Train Set	£209.95	£146.96
30-430 Bachmann OO Gauge Capital Commuter Train Pack	£209.95	£146.96
31-003A Bachmann OO Gauge LNER Robinson O4 6184 LNER Black (LNER Original)	£139.95	£69.99
31-004A Bachmann OO Gauge LNER Robinson O4 63762 BR Black (Early Emblem) - Weathered	£149.95	£75.00
31-004A Bachmann OO Gauge Robinson O4 63762 BR Black E/Emb Real Coal & Weathered by TMC	£185.95	£115.00
31-041 Bachmann OO Gauge Class 450 4-Car EMU 450127 South West Trains - Weathered	£379.95	£246.97
31-061 Bachmann OO Gauge LNER J72 Tank 68733 BR Black (Early Emblem)	£129.95	£110.46
31-090DS Bachmann OO Gauge GWR 32XX 'Earl' 3206 'Earl of Plymouth' GWR Green - Sound Fitted	£259.95	£220.96
31-119 Bachmann OO Gauge BR Standard 4MT with BR2 Tender 75035 BR Lined Black - Weathered	£164.95	£115.48
31-169 Bachmann OO Gauge L&YR 2-4-2 Tank 50705 BR Lined Black Early Emblem	£114.95	£68.97
31-190 Bachmann OO Gauge LMS 5XP 'Jubilee' with Riveted Tender 45575 'Madras' BR (Ex-LMS) Black	£169.95	£107.22
31-214 Bachmann OO Gauge LMS Patriot Class 45538 'Giggleswick' BR Lined Green E/Emblem	£164.95	£131.96
31-368DS Bachmann OO Gauge Class 03 03026 BR Blue - Sound Fitted	£219.95	£186.96
31-379 Bachmann OO Gauge Class 416 2-EPB 2-Car EMU 5771 BR (SR) Green	£219.95	£110.01
31-380 Bachmann OO Gauge 2EPB 2 Car EMU 6262 BR Blue & Grey Network SouthEast	£209.95	£125.97
31-435 Bachmann OO Gauge MR 1F Tank Enclosed Cab 41726 BR Black (Early Emblem)	£99.95	£84.96
31-460A Bachmann OO Gauge SE&CR C Class 583 SE&CR Lined Green (Original)	£224.95	£191.21
31-460A Bachmann OO Gauge C Class 583 SE&CR Real Coal Glossed & Deluxe Weathered by TMC	£274.95	£241.25
31-461A Bachmann OO Gauge SE&CR C Class 1294 SR Black (Sunshine)	£124.95	£68.74
31-517 Bachmann OO Gauge Class 158 2-Car DMU 158849 BR Regional Railways	£259.95	£220.96
31-517DS Bachmann OO Gauge Class 158 2-Car DMU 158849 BR Regional Railways - Sound Fitted	£349.95	£297.46
31-520 Bachmann OO Gauge Class 159 3-Car DMU 159013 BR Network SouthEast (Revised)	£339.95	£288.96
31-520SF Bachmann OO Gauge Class 159 3-Car DMU 159013 BR Network SouthEast - Sound Fitted	£429.95	£365.46
31-627B Bachmann OO Gauge MR 3F 3520 LMS Black Real Coal & Deluxe Weathering by TMC	£179.95	£119.99
31-656 Bachmann OO Gauge Class 47/0 47256 BR Green Full Yellow Ends (TOPS) Weathered	£169.95	£127.46
31-656 Bachmann OO Gauge Class 47 47256 BR Green Full Yellow Ends (TOPS) Weathered by TMC	£199.96	£159.97
31-664 Bachmann OO Gauge Class 47/0 47050 BR Railfreight - Weathered	£179.95	£143.96
31-664DS Bachmann OO Gauge Class 47/0 47050 BR Railfreight - Sound Fitted - Weathered	£259.96	£207.97
31-691 Bachmann OO Gauge LMS 5MT 'Stanier Mogul' 42969 BR Lined Black (Early Emblem)	£159.95	£103.97
31-728 Bachmann OO Gauge GWR 37XX 'City' 3708 'Killarney' GWR Green (Great Western)	£144.95	£115.96
31-761 Bachmann OO Gauge GNR Class C1 4-4-2 Atlantic 272 GNR Green	£199.96	£159.97
31-981 Bachmann OO Gauge BR Standard Class 3MT Tank 82021 BR Lined Black E/Emblem	£129.95	£97.46
32-027B Bachmann OO Gauge Class 20/0 Disc Headcode D8011 BR Green (Small Yellow Panels)	£139.95	£118.96
32-030DS Bachmann OO Gauge Class 20/0 Headcode Box 20156 BR Railfreight - Sound Fitted	£234.95	£199.71
32-067A Bachmann OO Gauge Class 43 'Warship' D836 'Powerful' BR Blue	£159.95	£95.99
32-119 Bachmann OO Gauge Class 08 08907 DB Schenker	£124.95	£81.22
32-165 Bachmann OO Gauge SE&CR N Class with Flush-Sided Tender 31874 BR Lined Black	£159.95	£103.97
32-178A Bachmann OO Gauge LMS 5MT 'Crab' with Welded Tender 13174 LMS Lined Black (Original)	£144.95	£79.74
32-236 Bachmann OO Gauge LMS 3F 'Jinty' Tank 47619 BR Black (British Railways)	£109.95	£93.46
32-279A Bachmann OO Gauge LNER K3 with LNER Standard Flush-Sided Tender 1304 LNER Lined Black	£139.95	£83.99
32-281 Bachmann OO Gauge LNER K3 with LNER Group Standard Stepped Tender 61862 BR Lined Black	£139.95	£83.99
32-376A Bachmann OO Gauge Class 37/4 37422 'Robert F. Fairlie' BR Regional Railways - Weathered	£169.95	£110.47
32-392RJ Bachmann OO Gauge Class 37/5 37685 BR InterCity	£169.95	£135.96
32-392RJDS Bachmann OO Gauge Class 37/5 37685 BR InterCity (DCC Sound)	£259.95	£207.96



31-004A Bachmann OO Gauge LNER Robinson O4 63762 BR Black (Early Emblem) - Weathered

£75.00 Regular Price £149.95

In stock



31-041 Bachmann OO Gauge Class 450 4-Car EMU 450127 South West Trains - Weathered

£246.97 Regular Price £379.96

In stock



31-190 Bachmann OO Gauge LMS 5XP 'Jubilee' with Riveted Tender 45575 'Madras' BR (Ex-LMS) Black (British Railways)

£107.22 Regular Price £169.96

In stock



31-368DS Bachmann OO Gauge Class 03 03026 BR Blue - Sound Fitted

£186.96 Regular Price £219.97

In stock



31-379 Bachmann OO Gauge Class 416 2-EPB 2-Car EMU 5771 BR (SR) Green

£110.00 Regular Price £219.97

In stock



31-380 Bachmann OO Gauge 2EPB 2 Car EMU 6262 BR Blue & Grey Network SouthEast

£125.98 Regular Price £209.97

In stock

Item name	RRP	TMC Price
32-440 Bachmann OO Gauge Class 24/1 D5135 BR Green (Late Crest)	£159.95	£135.96
32-440 Bachmann OO Gauge Class 24/1 D5135 BR Green L/Crest with Deluxe Weathering by TMC	£201.20	£177.25
32-441 Bachmann OO Gauge Class 24/1 D5149 BR Green (Small Yellow Panels)	£159.95	£135.96
32-442 Bachmann OO Gauge Class 24/1 24137 BR Blue	£159.95	£135.96
32-529B Bachmann OO/HO Scale Class 55 D9011 BR Two Tone Green Factory Weathered (Discontinued)	£154.95	£123.96
32-534DS Bachmann OO Gauge Class 55 55004 'Queen's Own Highlander' BR Blue - DCC Sound	£264.95	£198.71
32-575A Bachmann OO Gauge LMS Ivatt 4MT Double Chimney 3000 LMS Black (Revised)	£139.95	£83.99
32-610 Bachmann OO Gauge Class 90 90005 'Financial Times' BR InterCity Swallow	£179.95	£143.96
32-651A Bachmann OO Gauge Class 44 44006 'Whernside' BR Blue - Weathered	£154.95	£123.96
32-737 Bachmann OO Gauge Class 66/0 66065 Ex-EWS (DB Schenker) - Weathered	£154.95	£100.72
32-738 Bachmann OO Gauge Class 66/7 66711 'Sence' GBRf Aggregate Industries	£149.95	£94.22
32-738Z Bachmann OO Gauge Class 66 66136 YIWU-LONDON DB Livery TMC Limited Edition	£169.95	£135.95
32-753DS Bachmann OO Gauge Class 57/0 57007 'Freightliner Bond' Freightliner Green - Sound Fitted	£269.95	£175.47
32-764A Bachmann OO Gauge Class 57/3 57312 'Solway Princess' Northern Belle	£169.96	£135.97
32-778RJ Bachmann OO Gauge Class 37/0 37275 'Stainless Pioneer' BR Railfreight Metals Sector	£179.95	£143.96
32-780RJ Bachmann OO Gauge Class 37/0 37025 'Inverness TMD' BR Blue Large Logo	£169.95	£144.45
32-781B Bachmann OO Gauge Class 37/0 Split Headcode 37041 BR Blue	£169.96	£135.97
32-806 Bachmann OO Gauge Class 47/0 D1842 BR Two-Tone Green (Small Yellow Panels)	£169.95	£135.96
32-826A Bachmann OO Gauge LMS Ivatt 2MT 46460 BR Lined Black (Early Emblem)	£144.95	£115.96
32-830A Bachmann OO Gauge LMS Ivatt 2MT 6418 LMS Black (Revised)	£144.95	£94.22
32-859Z Bachmann OO Gauge 9F 2-10-0 No. 92000 BR Black Late Crest	£169.95	£135.95
32-980A Bachmann OO Gauge Class 66 66728 Institution of Railway Operators GBRF - Weathered	£179.95	£134.96
33-438 Bachmann OO Gauge SSA Scrap Wagon EWS - Weathered	£28.96	£23.17
34-328A Bachmann OO Gauge 50ft. Ex-LMS PIII Parcels Van BR Blue Weathered	£37.95	£17.08
34-604C Bachmann OO Gauge BR Mk1 57ft 'Suburban' S Second BR Maroon - Includes Figures	£39.95	£23.98
34-630A Bachmann OO Gauge BR Mk1 57ft 'Suburban' BS Brake Second BR Maroon - Includes Figures	£39.95	£25.97
34-630B Bachmann OO Gauge BR Mk1 57ft 'Suburban' BS Brake Second BR Maroon - Includes Figures	£39.95	£23.98
34-700C Bachmann OO Gauge BR Mk1 57ft 'Suburban' C Composite BR Maroon - Includes Figures	£39.95	£23.98
35-050 Bachmann OO Gauge LNWR Webb Coal Tank 1054 LNWR Black	£119.95	£77.97
35-051 Bachmann OO Gauge LNWR Webb Coal Tank 7841 LMS Black (Original)	£119.95	£77.97
36-102 Bachmann OO Gauge 45ft Containers 'Dream Box' (x2)	£15.95	£4.78
36-504RC Bachmann OO Gauge Dynamis Ultima® DCC System with Evaluation RailController Software	£299.95	£254.96
36-566 Bachmann OO Gauge 0.9 Amp 4 Function 8 Pin DCC Decoder featuring RailComPlus®	£18.95	£16.11
36-568A Bachmann OO Gauge 6 Pin DCC Loco-Decoder with Back EMF featuring Railcom®	£29.95	£25.46
36-870 Bachmann OO Gauge Left-hand Standard Point (Self-Isolating)	£9.95	£6.97
37-039 Bachmann OO Gauge 5 Plank Wagon Steel Floor Grey - Weathered - Includes Wagon Load	£22.95	£13.17
37-095A Bachmann OO Gauge 7 Plank 3-Wagon Pack 'Private Owner Coal Traders' - Weathered	£59.95	£29.98
37-253B Bachmann OO Gauge BR 16T Steel Mineral Wagon BR Grey (Early) - Weathered	£23.95	£20.36
37-265Z Bachmann OO Gauge Six Pack 16 Ton Minerals BR Grey TMC Limited Edition Factory Weathered	£114.95	£114.95
37-265Z Bachmann OO Gauge 16 Ton Mineral Wagon Six Pack BR Grey TMC Ltd Edition TMC Weathered	£150.95	£150.95
37-576C Bachmann OO Gauge BR 45T TTA Tank Wagon 'Esso' Grey	£29.95	£25.46
38-005D Bachmann OO Gauge BR HSA Hopper BR Bauxite (TOPS) - Weathered	£27.95	£15.57
38-183A Bachmann OO Gauge BR 12T Ventilated Plywood Fruit Van BR Bauxite (Late) - Weathered	£25.95	£22.06
38-220B Bachmann OO Gauge 100 Ton TEA Bogie Tank Wagon BP Crude Oil Heavily Weathered	£54.95	£43.96
38-243 Bachmann OO Gauge MBA Bogie Open Wagon With Buffers EWS - Weathered	£49.95	£29.98
38-352B Bachmann OO Gauge BR BAA Steel Carrier Wagon BR Railfreight Red - Includes Wagon Load	£45.95	£36.76
38-500Z Bachmann OO Gauge Pack of 4 BSC Ice Blue Covhop Wagons TMC Exclusive	£100.00	£79.99
38-528Y Bachmann OO/HO Scale SR Green Horse Box S96402 & S96367 (Twin)	£67.00	£40.25
38-550A Bachmann OO Gauge Midland Railway 20T Brake Van With Duckets BR Grey (Early)	£30.95	£14.98
38-604 Bachmann OO Gauge BR 20T Grain Hopper 'Worthington' Grey	£27.95	£15.37
38-627 Bachmann OO Gauge BR FGA Outer Flats 2-Pack Blue (TOPS) Private Owner Maritime Containers	£99.95	£84.96
38-801 Bachmann OO Gauge Ransomes & Rapier 45T Steam Breakdown Crane GWR Grey	£249.95	£199.96
38-801 Bachmann OO Gauge Ransomes & Rapier 45T Breakdown Crane GWR Grey Deluxe Weathered	£309.95	£259.96
38-802 Bachmann OO Gauge Ransomes & Rapier 45T Steam Breakdown Crane BR Black (Early Emblem)	£249.95	£199.96

TMC
The MODEL CENTRE



32-440 Bachmann OO Gauge Class 24/1 D5135 BR Green (Late Crest)

£135.96 Regular Price £159.95

In stock



32-610 Bachmann OO Gauge Class 90 90005 'Financial Times' BR InterCity Swallow

£143.96 Regular Price £179.95

In stock



32-753DS Bachmann OO Gauge Class 57/0 57007 'Freightliner Bond' Freightliner Green - Sound Fitted

£175.46 Regular Price £269.95

In stock



32-778RJ Bachmann OO Gauge Class 37/0 37275 Stainless Pioneer BR Railfreight Metals Sector

£143.96 Regular Price £179.95

In stock



32-806 Bachmann OO Gauge Class 47/0 D1842 BR Two-Tone Green (Small Yellow Panels)

£135.96 Regular Price £169.95

In stock



32-859Z Bachmann OO Gauge 9F 2-10-0 No. 92000 BR Black Late Crest TMC Limited Edition

£135.95 Regular Price £169.95

In stock

www.themodelcentre.com t. 01947 899125
Hill Farm, Beck Hole, Whitby, YO22 5LF

POPULAR PRODUCTS WITH UP TO

50% OFF

TMC
The MODEL CENTRE

Item name	RRP	TMC Price
38-803 Bachmann OO Gauge Ransomes & Rapier 45T Steam Breakdown Crane BR Departmental Red	£249.95	£199.96
38-827Z Bachmann OO Gauge Plate ex Double Bolster Wagons Twin Pack Freight Grey livery	£49.96	£49.96
38-900 Bachmann OO Gauge BR Mk1 'Carflat' BR Bauxite (TOPS)	£37.95	£32.26
39-004 Bachmann OO Gauge BR Mk1 BSK & SK 2 Pack Blue & Grey (ScotRail) Weathered Includes Figures	£99.95	£64.97
39-050D Bachmann OO Gauge BR Mk1 TSO Tourist Second Open BR Blue & Grey	£48.95	£28.77
39-052E Bachmann OO Gauge BR Mk1 TSO Tourist Second Open BR Crimson & Cream	£48.95	£28.77
39-056A Bachmann OO Gauge BR Mk1 TSO Tourist Second Regional Railways Weathered Includes Figures	£58.95	£34.77
39-100C Bachmann OO Gauge BR Mk1 RU Restaurant Unclassified BR Blue & Grey	£48.95	£26.38
39-125C Bachmann OO Gauge BR Mk1 CK Composite Corridor BR Blue & Grey	£48.95	£23.99
39-150D Bachmann OO Gauge BR Mk1 FK First Corridor BR Blue & Grey	£48.95	£23.99
39-176D Bachmann OO Gauge BR Mk1 BG Brake Gangwayed BR Maroon	£48.95	£23.99
39-187 Bachmann OO Gauge BR Mk1 BG Brake Gangwayed BR Blue	£48.95	£23.99
39-226C Bachmann OO Gauge BR Mk1 BCK Brake Composite Corridor BR Maroon	£48.95	£23.99
39-242 Bachmann OO Gauge BR Mk1 FO First Open BR Blue & Grey	£48.95	£23.99
39-274 Bachmann OO Gauge BR Mk1 GUV General Utility Van BR Blue & Grey (InterCity Motorail)	£48.95	£23.99
39-292 Bachmann OO Gauge BR Mk1 Pullman PFP First Parlour 'Pearl' Umber & Cream (White Roof)	£76.95	£48.72
39-310C Bachmann OO Gauge BR Mk1 Pullman PSP Second Parlour '350' Umber & Cream (Grey Roof)	£76.95	£37.49
39-364 Bachmann OO Gauge Mk2A TSO BR Regional Railways Weathered Includes Passenger Figures	£67.95	£44.17
39-413 Bachmann OO Gauge BR Mk2A BFK BR Regional Railways Weathered Includes Passenger Figures	£67.95	£44.17
39-503A Bachmann OO Gauge BR Mk1 SLSTP Sleeper Second BR Blue & Grey (Inter-City Sleeper)	£48.95	£28.78
39-526Z Bachmann OO Gauge PMV Cycle Van BR Crimson - TMC Limited Edition	£33.95	£28.86
39-528A Bachmann OO Gauge SR CCT Covered Carriage Truck BR Blue - Weathered	£41.95	£25.17
39-550 Bachmann OO Gauge BR Mk1 CCT Covered Carriage Truck BR Maroon	£43.95	£37.36
39-578 Bachmann OO Gauge GWR Hawksworth Auto-Trailer BR Crimson & Cream	£74.95	£44.97
39-777A Bachmann OO Gauge LMS 50ft Inspection Saloon BR Blue & Grey	£64.95	£45.47
391-025A Bachmann OO9 Narrow Gauge Baldwin 10-12-D Tank 542 Railway Operating Division Black	£159.95	£135.96
391-028A Bachmann OO9 Narrow Gauge Baldwin 10-12-D Tank 'Bridget' Ashover L. R. Black	£159.95	£135.96
44499 Bachmann OO/HO Scale Code 100 Rail Joiners Fish Plates (x36)	£7.75	£6.58
2D-001-007 Dapol N Gauge *Class 33/0 33042 Railfreight Construction	£132.60	£112.72
2D-007-011 Dapol N Gauge *Class 66 002 EWS/DB Russell Contrainer Train Pack	£229.00	£194.65
4D-003-016 Dapol OO Gauge *Class 52 D1043 Western Duke Chromatic Blue	£151.96	£129.16
4D-014-000 Dapol OO Gauge *Class 29 BR Green 6112 Full Yellow Warning Panel	£151.96	£129.16
4L-001-001 Dapol OO Gauge GWR Signal	£31.36	£26.65
NSIGN4 Dapol N Gauge #D# LMS Distant Motorised Signal	£28.20	£16.96
DCD-ADS2SX DCC Concepts N/HO/OO Scale *Universal Solenoid Accessory Decoder (2 Output)	£29.95	£25.45
DCD-ADS-8SX DCC Concepts N/HO/OO Scale *Universal Solenoid Accessory Decoder (8 Output)	£89.95	£76.45
DCD-AEC DCC Concepts Cobalt Alpha Central Integrated 12 Way Digital Switch	£129.95	£110.46
DCC Concepts DCD-AVA.1 Alpha Meter for DC or DCC	£59.95	£50.95
DLAD-57 Deluxe Materials (DL57) Roket Card Glue	£6.76	£5.74
BPDC80 Gaugemaster N/HO/OO Scale DCC Autofrog (BulkPack of 3 Units)	£20.95	£17.81
DCC01 Gaugemaster Prodigy Express Package	£199.96	£169.96
DCC02 Gaugemaster Prodigy Advance2 Starter Package	£349.96	£297.46
DCC14 Gaugemaster N & OO Gauge Prodigy Advance2 Backlit Walkaround	£159.95	£135.96
DCC32 Gaugemaster Point Motor Decoder w/CDU 4 Way (Twin Pack)	£79.96	£67.96
GM2420101 Gaugemaster N Gauge Network Rail Track Cleaning Wagon	£34.96	£29.71
GMC-COMBI Gaugemaster N & OO Gauge Single Track Controller with Plug in Transformer	£44.95	£38.21
GMC-PM1 Gaugemaster N/HO/OO/O Scale Seep Point Motor with Built-In Switch	£5.95	£5.05
GMC-Q Gaugemaster N/HO/OO Scale Four Track Cased Controller	£199.96	£169.96
370-090 Graham Farish N Gauge North Eastern Freight Train Set	£199.95	£169.96



20% OFF

38-801 Bachmann OO Gauge Ransomes & Rapier 45T Steam Breakdown Crane GWR Grey

£199.96 Regular Price £249.95

In stock



20% OFF

38-802 Bachmann OO Gauge Ransomes & Rapier 45T Steam Breakdown Crane BR Black (Early Emblem)

£199.96 Regular Price £249.95

In stock



35% OFF

39-004 Bachmann OO Gauge BR Mk1 BSK & SK 2-Pack Blue & Grey (ScotRail) - Weathered - Includes Passenger Figures

£64.97 Regular Price £99.95

In stock



50% OFF

39-125C Bachmann OO Gauge BR Mk1 CK Composite Corridor BR Blue & Grey

£23.99 Regular Price £48.95

In stock



50% OFF

39-150D Bachmann OO Gauge BR Mk1 FK First Corridor BR Blue & Grey

£23.99 Regular Price £48.95

In stock



50% OFF

39-226C Bachmann OO Gauge BR Mk1 BCK Brake Composite Corridor BR Maroon

£23.99 Regular Price £48.95

In stock

www.themodelcentre.com

Item name	RRP	TMC Price
370-185 Graham Farish N Gauge A Day at the Races Train Set	£199.95	£169.96
370-375 Graham Farish N Gauge Avro Vulcan XH558 Collectors Pack	£189.95	£161.46
370-425 Graham Farish N Gauge Midland Pullman Train Pack	£399.95	£319.95
370-430 Graham Farish N Gauge Capital Connection Train Pack	£209.95	£178.46
371-032A Graham Farish N Gauge Class 20/0 Disc Headcode 20048 BR Blue	£124.95	£106.21
371-034A Graham Farish N Gauge Class 20/0 Headcode Box 20156 BR Railfreight (Red Stripe)	£124.95	£106.21
371-063 Graham Farish N Gauge Class 03 D2383 BR Green (Wasp Stripes) - Weathered	£99.95	£84.96
371-470 Graham Farish N Gauge Class 37/0 Split Headcode 37068 Grainflow BR Railfreight Distribution	£134.95	£114.71
371-641 Graham Farish N Gauge Class 70 With Air Intake Modifications 70805 Colas Rail Freight	£159.95	£135.96
371-641 Graham Farish N Gauge Class 70 With Air Intake Mods 70805 Colas Rail Freight TMC Weathered	£189.95	£165.99
371-651A Graham Farish N Gauge Class 57/0 57008 'Freightliner Explorer' Freightliner Green - Weathered	£154.95	£94.22
371-660 Graham Farish N Gauge Class 57/6 57603 'Tintagel Castle' GWR Green (FirstGroup)	£134.95	£107.96
371-740 Graham Farish N Gauge Midland Pullman 6 Car Unit Nanking Blue	£269.95	£242.95
371-985A Graham Farish N Gauge GWR 64XX Pannier Tank 6424 GWR Green (GWR)	£109.95	£93.46
371-985A Graham Farish N Gauge GWR 64XX Pannier Tank 6424 GWR Green Real Coal & TMC Weathered	£149.95	£133.49
371-986A Graham Farish N Gauge GWR 64XX Pannier Tank 6422 BR Black (Early Emblem)	£109.95	£93.46
371-988 Graham Farish N Gauge GWR 64XX Pannier Tank 6419 BR Lined Green (Late Crest) - Weathered	£119.95	£101.96
372-030 Graham Farish N Gauge GWR 4073 'Castle' 5044 'Earl of Dunraven' GWR Green (Shirtbutton)	£144.95	£90.97
372-032 Graham Farish N Gauge GWR 4073 'Castle' 5070 'Sir Daniel Gooch' BR Lined Green (Late Crest)	£144.95	£123.21
372-181A Graham Farish N Gauge LMS Princess Coronation 46221 'Queen Elizabeth' BR Green Early	£184.95	£157.21
372-210A Graham Farish N Gauge LMS 3F 'Jinty' Tank 7309 LMS Black (Original)	£99.95	£84.96
372-211A Graham Farish N Gauge LMS 3F 'Jinty' Tank 47314 BR Black (Early Emblem)	£99.95	£84.96
372-212A Graham Farish N Gauge LMS 3F 'Jinty' Tank 47500 BR Black (Late Crest)	£99.95	£84.96
372-248 Graham Farish N Gauge Class 47/4 47550 'University of Dundee' BR InterCity (Mainline)	£144.95	£123.21
372-312 Graham Farish N Gauge Merchant Navy Class 35028 'Clan Line' BR Green L/Crest	£169.95	£127.46
372-313 Graham Farish N Gauge Merchant Navy Class 35021 'New Zealand Line' BR Malachite	£169.95	£127.46
372-331 Graham Farish N Gauge BR Standard 3MT Tank 82020 BR Green (Late Crest)	£124.95	£106.21
372-425A Graham Farish N Gauge WD Austerity 90441 BR Black (Early Emblem) - Weathered	£174.95	£148.71
372-429 Graham Farish N Gauge WD Austerity 79250 'Major-General McMullen' LMR Lined Blue	£174.95	£148.71
372-629 Graham Farish N Gauge LMS Ivatt 2MT 46460 BR Lined Black (Early Emblem) - Weathered	£144.95	£94.22
372-775 Graham Farish N Gauge SE&CR C Class 271 SE&CR Green Real Coal & Weathered by TMC	£189.95	£167.49
372-776 Graham Farish N Gauge SE&CR C Class 1294 SR Black (Sunshine)	£139.95	£118.96
372-777 Graham Farish N Gauge SE&CR C Class 31227 BR Black Early Emblem	£139.95	£118.96
372-976A Graham Farish N Gauge Class 24/0 D5031 BR Green (Late Crest)	£129.95	£110.46
372-980 Graham Farish N Gauge Class 24/0 97201 'Experiment' BR RTC (Original) - Weathered	£139.95	£90.97
373-975B Graham Farish N Gauge POA Mineral Wagon 'Tiger' Grey - Weathered	£19.95	£11.97
379-460 Graham Farish N Gauge Left Hand Standard Point	£9.95	£8.46
379-461 Graham Farish N Gauge Right Hand Standard Point	£9.95	£8.46
2730 Heljan OO Gauge Class 27 no.27001 BR Green Full Yellow Ends (V3) with Deluxe Weathering by TMC	£199.95	£192.50
2731 Heljan OO Gauge Class 27 D5369 BR green with small yellow panels (V3)	£139.95	£125.96
2732 Heljan OO Gauge Class 27 no.5357 BR Blue FYE (V3) Weathered by TMC	£169.95	£162.95
R1234M Hornby OO Gauge Hogwarts Express' Train Set	£199.99	£179.99
R1269 Hornby OO Gauge Stay at Home Hamper	£199.99	£179.99
R3171 Hornby OO Gauge Railroad LNER, P2 Class, 2-8-2, 2001 'Cock 'O The North' - Era 3	£104.99	£94.49
R3399 Hornby OO Gauge Train Packs EWS, Class 67 Freight Train Pack - Era 9	£241.99	£131.90
R3410 Hornby OO Gauge BR, 6000 'King' Class, 4-6-0, 6025 'King Henry III' - Era 4	£182.99	£123.82
R3413 Hornby OO Gauge BR, S15 Class, 4-6-0, 30831 - Era 4	£154.99	£85.18
R3414 Hornby OO Gauge LNER, J15 Class, 0-6-0, 5444 - Era 3	£127.99	£69.52
R3415 Hornby OO Gauge BR, J15 Class, 0-6-0, 65477 - Era 4	£127.99	£69.52
R3424 Hornby OO Gauge LNER Q6 Class LOCO '3418'	£154.99	£123.99
R3452 Hornby OO Gauge BR, 6800 'Grange' Class, 4-6-0, 6825 'Llanvair Grange' - Era 5	£155.99	£95.24
R3522 Hornby OO Gauge LNER, A4 Class, 4-6-2, 60026 'Miles Beevor' - Era 3	£174.99	£157.49
R3643 Hornby OO Gauge BR, Standard 7 'Britannia' Class, 4-6-2, 70046 'ANZAC' - Era 5	£179.99	£161.99
R3643 Hornby OO Gauge BR Standard Class 7 Britannia 70046 ANZAC Real Coal & Weathered by TMC	£222.49	£204.49
R3659 Hornby OO Gauge Colas Rail Freight Class 67 67027 Charlotte Parts Fitted & Weathered by TMC	£205.00	£151.99
R3679 Hornby OO Gauge Port of London Authority, Peckett W4 Class, 0-4-0ST, No. 74 - Era 3/4	£99.99	£89.99



15% OFF

370-185 Graham Farish N Gauge A Day at the Races Train Set

£169.96 Regular Price £199.96

In stock



15% OFF

370-430 Graham Farish N Gauge Capital Connection Train Pack

£178.45 Regular Price £209.95

In stock



15% OFF

371-032A Graham Farish N Gauge Class 20/0 Disc Headcode 20048 BR Blue

£106.21 Regular Price £124.96

In stock



15% OFF

372-210A Graham Farish N Gauge LMS 3F 'Jinty' Tank 7309 LMS Black (Original)

£84.96 Regular Price £99.95

In stock



R3171 Hornby OO Gauge Railroad LNER "Cock 'O The North" Class P2

£94.49 Regular Price £104.99

In stock

10% OFF



R3399 Hornby OO Gauge EWS Freight Train Pack - Limited Edition

£131.90 Regular Price £241.99

In stock

45% OFF



R3522 Hornby OO Gauge BR 4-6-2 'Miles Beevor' '60026' A4 Class Early BR

£157.49 Regular Price £175.00

In stock

10% OFF

t. 01947 899125



Forthcoming Releases

See more at www.hattons.co.uk and follow us on social media:



/hattonsmodelrailways



@HattonsModels



@hattonsmodelrailways



/hattonshobbies

dapol

See all forthcoming Dapol items:
hattons.co.uk/dapolpreorders



00

GWR Class 78xx Manor 4-6-0

Stage: Newly Announced

Due: TBC

Price: from £135.96

hattons.co.uk/dapolmanor



00

British Rail Class 59

Stage: Painted Samples

Due: Summer 2020

Price: from £131.71

hattons.co.uk/dapol59



00

GWR Class 43xx Mogul 2-6-0

Stage: Painted Samples

Due: Summer 2020

Price: from £135.96

hattons.co.uk/dapol43xx

Hattons
ORIGINALS

Explore the full Hattons Originals range:
hattons.co.uk/originals



00

Plasser GPC 12t Crane

Stage: CADs Shown

Due: Q1 2021

Price: £69

hattons.co.uk/gpc



00

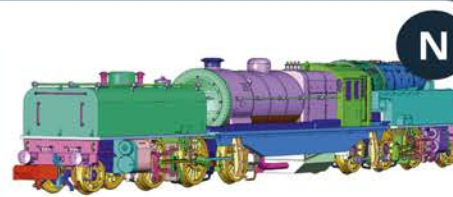
Genesis 4 & 6 Wheel Coaches

Stage: Artwork Shown

Due: from Q1 2021

Price: from £36

hattons.co.uk/genesis



N

LMS Beyer Garratt

Stage: CADs Shown

Due: TBC

Price: £199

hattons.co.uk/ngarratt

HELJAN

See all forthcoming Heljan items:
hattons.co.uk/heljanpreorders



009

L&B Baldwin 2-4-2T "Lyn"

Stage: Painted Samples

Due: Q4 2020

Price: £203.96

hattons.co.uk/landb242t



00

British Rail Class 25

Stage: Prototypes Shown

Due: Q3 2020

Price: from £152.96

hattons.co.uk/253



O

British Rail Class 47

Stage: Prototype Shown

Due: Q4 2020

Price: £594.15

hattons.co.uk/helo47

HORNBY

Explore the full Hornby 2020 range:
hattons.co.uk/hornby2020



00

BR Standard Class 2MT

Stage: Prototype Shown

Due: January 2021

Price: £162

hattons.co.uk/hornby2mt



00

British Rail Class 91

Stage: Renders Shown

Due: December 2020

Price: £153

hattons.co.uk/hornby91



00

LNER Thompson A2/2 & A2/3

Stage: CADs Shown

Due: Late 2020 to Early 2021

Price: £171

hattons.co.uk/thompsona2

OO Gauge (1:76 Scale)

Steam locos

R3409 Class 6000 King 4-6-0 6002 "King William IV" in BR Green late crest (HOR) (RRP £182.99) **BARGAIN** £129



R3682 Class 8P "Princess Coronation" 4-6-2 46225 "Duchess of Gloucester" in BR express passenger blue (HOR) (RRP £204.99) **BARGAIN** £144



R3677 Class 8P "Streamlined Coronation" 4-6-2 6229 "Duchess of Hamilton" in LMS crimson lake - as preserved (HOR) (RRP £189.99) **BARGAIN** £139.50



R3713 Class 8P Princess Royal 4-6-2 46207 "Princess Arthur of Connaught" in BR maroon (HOR) £171



R3709 Class 8P Princess Royal 4-6-2 6201 "Princess Elizabeth" in LMS crimson lake (HOR) £171



4S-018-010 LSWR Class B4 0-4-0T "Sussex" in Stewarts and Lloyds Ltd yellow (DAP) £93.50



4S-018-0070 LSWR Class B4 0-4-0T 176 "Guernsey" in LSWR Southampton docks lined green - Digital fitted (DAP) NEW £119



4S-018-011 LSWR Class B4 0-4-0T 30084 in BR black early emblem (DAP) £93.50



4S-018-005 LSWR Class B4 0-4-0T 30096 in BR black late crest (DAP) £93.50



4S-018-009 LSWR Class B4 0-4-0T 87 in SR wartime black (DAP) NEW £93.50



Steam train packs



OR76B00M01 Railgun Pack railgun "Boche Buster" and "Dean Goods" 0-6-0 2330 in ROD khaki (OXF) £153

Diesel locos



3450 Class 33/0 33012 in BR blue - weathered (HEL) NEW £135.15



3455 Class 33/0 33021 "Eastleigh" in Post Office red (HEL) NEW £126.85

NEW



3452 Class 33/0 33026 "Seafire" in Civil Engineers "Dutch" grey and yellow (HEL) NEW £126.85



H4-66-027 Class 66 66756 in GBRF Europorte "Royal Corps of Signals" (HAT) £150



H4-66-031 Class 66 66789 in BR Large Logo blue GBRF branding "British Rail 1948 - 1997" (HAT) £150

DMUs



4D-009-006 Class 121 single car DMU "Bubblecar" 55026 in BR blue and grey Highland Rail stag (DAP) (RRP £145) **BARGAIN** £79



4D-009-007 Class 121 single car DMU "Bubblecar" 55032 in BR blue and grey Welsh Dragon emblem (DAP) (RRP £145) **BARGAIN** £79

Train sets - analogue

Coaches



R1269 "Stay at Home" - Hornby trainset hamper (HOR) £180



R4942 Mk3 "Sliding door" TFD trailer first disabled access 41193 in Cross Country Trains - Coach "A" (HOR) **NEW** £31.50



R4915A Mk3 "Sliding door" TS second open 48112 in GWR green - Coach "D" (HOR) **NEW** £31.50



R4939 Mk3 "Sliding door" TSD trailer standard disabled access 42366 in Cross Country Trains - Coach "F" (HOR) **NEW** £31.50

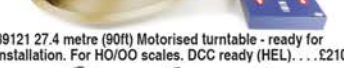
Analogue controllers

Digital controllers

Man-made scenic structure - railway-related



R8012 HM2000 High output power & speed controller, mains supply (HOR) £94



R8213 DCC Select unit (boxed) (HOR) £98



89121 27.4 metre (90ft) Motorised turntable - ready for installation. For HO/OO scales. DCC ready (HEL) £210



R083 Pack of 6 Buffer Stop (HOR) £11

Track - Code 100 Setrack



R8090 1 single yard length of Semi-Flexible Track (HOR) £4



R8090 Pack of 24 (HOR) £92



R807 2nd radius double curve track (8 make a circle) (HOR) £20



R070 Electrically Operated Turntable (HOR) £20



R8072 Left Hand Standard Point (HOR) £9.50



R8073 Right Hand Standard Point (HOR) £9.50



R600 Standard Straight (HOR) £1.80



R600 Box of 24 (HOR) £40

N Gauge

Diesel locos



2D-028-003 Class 26 26024 in BR blue scottie dog emblem (DAP) **NEW** £112.76



2D-001-008 Class 33/0 D6561 in BR Green full yellow ends (DAP) **NEW** £112.76



2D-001-022 Class 33/1 33114 "Ashford 150" in Network South East blue (DAP) **NEW** £112.76

Track - Code 55 Finescale



SL-300F Pack of 30 1 yard (91.5cm) length of Finescale Nickel Silver flexible Wooden Sleeper track (PEC) £93



SL-300F Single (PEC) £3.20

O Gauge (1:43 Scale)

Steam locos



7S-006-023 Class 14xx 0-4-2T 1426 in BR lined green late crest (DAP) £191.25



H7-A3-002 Class A3 4-6-2 4472 "Flying Scotsman" in LNER Grass green unstreamlined corridor tender - "Record Breaker" (HEL) £750



H7-A3-007 Class A3 4-6-2 60103 "Flying Scotsman" in BR green late crest and unstreamlined corridor tender (HEL) £750



H7-A4-001 Class A4 4-6-2 2509 "Silver Link" in LNER silver streamlined corridor tender (HEL) **NEW** £750



H7-A4-005 Class A4 4-6-2 4464 "Bittern" in LNER Garter blue streamlined corridor tender - "Record Breaker" (HEL) **NEW** £750



H7-A4-004 Class A4 4-6-2 4489 "Dominion of Canada" in LNER Garter blue steel numbers/letters and unstreamlined corridor tender (HEL) **NEW** £750



H7-A4-006 Class A4 4-6-2 60007 "Sir Nigel Gresley" in BR express blue unstreamlined corridor tender - "Record Breaker" (HEL) **NEW** £750

NEW



H7-A4-009 Class A4 4-6-2 60008 "Dwight D Eisenhower" in BR green late crest and streamlined non-corridor tender (HEL) **NEW** £750



H7-A4-008 Class A4 4-6-2 60009 "Union of South Africa" in BR green late crest and unstreamlined corridor tender (HEL) **NEW** £750



H7-A4-007 Class A4 4-6-2 60012 "Commonwealth of Australia" in BR green early emblem and streamlined corridor tender (HEL) **NEW** £750



H7-A4-008A Class A4 4-6-2 unnumbered double chimney and unstreamlined corridor tender in BR green late crest 1958-1966 (HEL) **NEW** £750



H7-A4-007A Class A4 4-6-2 unnumbered single chimney and streamlined corridor tender in LNER silver 1935-1938 (HEL) **NEW** £750



H7-A4-008A Class A4 4-6-2 unnumbered single chimney and unstreamlined corridor tender in BR green early emblem 1952-1958 (HEL) **NEW** £750



H7-A4-008A Class A4 4-6-2 unnumbered single chimney and unstreamlined corridor tender in BR Express blue 1949-1952 (HEL) **NEW** £750

Diesel locos



4026 Class 50 50008 "Thunderer" in BR Laira blue (1990s Railtour condition) - Exclusive to Hatton's (HEL) £594.15



5289 Class 52 D1067 "Western Druid" in BR blue - weathered (HEL) £509.15

Train sets - analogue

GM7000102 "The Diddo Survivor" - premium O gauge starter train set (GAU) £595

Any or Multiple Scales

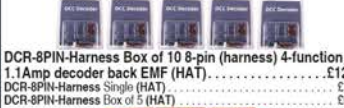
Digital decoders

DCR-21Pin-Direct-V2 21-pin 6-function 1.1Amp direct plug decoder back EMF (HAT) £16.50

DCR-8PIN-HarnessMini 8-pin (harness) 2-function 1.1Amp small & thin (mini) decoder back EMF (HAT) £16

DCR-8PIN-HarnessMini Box of 5 (HAT) £72

DCR-8PIN-HarnessMini Box of 10 (HAT) £128



DCR-8PIN-Harness Box of 10 (HAT) £120

DCR-8PIN-Harness Box of 5 (HAT) £68



R8249 Box of 6 8-pin 4-function 2-sided 0.5A (1A peak) decoder (HOR) £92

DCR-8PIN-Direct Box of 5 (HAT) £17

DCR-8PIN-Direct Box of 10 (HAT) £136

R8121 TTS DCC Sound Decoder 8 pin plug - Class 68 diesel (HOR) £38

Digital control accessory decoders

DCR-ADS-8SX 8-way accessory decoder for solenoid point motors (DCC) £77

Digital controllers



524-042 NCE Power Cab 2 Amp Digital DCC controller (NCE) £159.50



AVOID THE SHOPS!
FREE DELIVERY TO YOUR DOOR
SAVE MONEY

**3 ISSUES FOR £5 WHEN
YOU SUBSCRIBE TO** **BRM**
BRITISH RAILWAY MODELLING

After your three issues your subscription changes to a quarterly Direct Debit of £12.49.

TWO EASY WAYS TO SUBSCRIBE
CALL - 01778 392002 (quote: BRM/MAG20)
VISIT - www.brmm.ag/mags20



ELLIS CLARK TRAINS

Unit 1 Toller Court
Shortbank Road, Skipton
North Yorkshire BD23 2HG

WANTED

VISIT our
**O GAUGE &
LARGER** gauge
SHOWROOM

LOOKING TO SELL YOUR COLLECTION?

WE HIGHLY VALUE YOUR MODELS

- ◆ Full/part collections purchased
- ◆ No need for a list - we travel and view/collect
- ◆ Everything purchased - railways, die-cast & Railwayana
- ◆ All gauges and ages, including continental & US
- ◆ Upfront payment by cash, bank transfer or cheque
- ◆ Vast experience in purchasing large collections
- ◆ Friendly and professional service
- ◆ Specialised interest in 7mm O gauge

GET IN TOUCH

ellisclarktrains.com

01756 701451

ellis@ellisclarktrains.com

CONTACT ELLIS OR ALBERT



The decoders in the **Ruby** range are extremely reliable and have been specially chosen to cover as many eventualities that may arise when you are running DCC locomotives.

The decoders have a whole host of features, including:

- 2 Digit and 4 Digit Addressing
- 128 Speed Step Operation (14 or 28 steps can also be used)
- 3 Step Speed Tables set start, mid, and max voltage for custom controls
- 28 Step Speed Tables with 256 level resolution for precise control
- Torque Compensation for smooth silent running
- Constant Brightness Lighting with directional or independent control, with effects
- Advanced Consisting
- Direct mode programming
- Decoder Reset CV with or without speed table reset
- Motor Isolation Protection helps prevent damage to your decoder
- Direct plug socket for DCC99 PowerPal (DCC90/91/94/95 only)



DCC99 PowerPal for use with DCC90/91/94/95

The PowerPal is designed to keep your locomotives running through dirty or dead track sections. Once a bad bit of track is detected the capacitors kick in and keep the motion, lights and sounds alive until power is restored. The time period can change depending on the decoder that the PowerPal is fitted to.
40mm (L) x 14mm (W) x 8mm (D). Harness length 110mm.

£22.50 each



DCC90 2fn Standard Decoder 8 Pin

A 2 function, 1.5A – 2.0A max decoder with 8 pin harness.
27mm (L) x 17mm (W) x 7mm (D).
Harness length 25mm.

£20.00 each



DCC91 2fn Standard Decoder 21 Pin

A 2 function, 1.5A – 2.0A max direct plug 21 pin decoder.
21mm (L) x 16mm (W) x 4mm (D).

£21.00 each



DCC92 2fn Small Decoder 8 Pin

A 2 function, 1.0A – 1.5A max decoder with 8 pin harness.
12mm (L) x 10mm (W) x 3mm (D).
Harness length 45mm.

£21.00 each



DCC93 2fn Small Decoder 6 Pin

A 2 function, 1.0A – 1.5A max direct plug 6 pin decoder.
10mm (L) x 11mm (W) x 3mm (D).

£25.00 each



DCC94 6fn Pro Decoder 8 Pin

A 6 function, 1.5A – 2.0A max decoder with an 8 pin harness.
27mm (L) x 17mm (W) x 7mm (D).
Harness length 25mm.

£31.50 each



DCC95 6fn Pro Decoder 21 Pin

A 6 function, 1.5A – 2.0A max direct-plug 21 pin decoder.
21mm (L) x 16mm (W) x 4mm (D).

£31.50 each

GM360 Gaugemaster Catalogue £5.00

128 Full Colour Pages. Full Gaugemaster Range listings and images, articles and guides on a range of subjects.



Find us on Facebook:
@Gaugemaster



Follow us on Twitter:
@Gaugemaster



Follow us on Instagram:
@gaugemaster_controls

GAUGEMASTER products are available from your local model shop or, in case of difficulty, direct from ourselves

GAUGEMASTER Controls Ltd, Ford Road, Arundel, West Sussex, BN18 0BN, United Kingdom

tel - 01903 884488 fax - 01903 884377 email - sales@gaugemaster.com

www.gaugemaster.com

HORNBY SKALEDALE & OXFORD STRUCTURES

Perfect Partners

00 GAUGE HAND DECORATED RESIN BUILDINGS



These stunning buildings from Hornby SkaleDale and Oxford Structures offer the modeller a selection of finely detailed resin moulded structures that are produced to a truly exacting standard. They comprises of both domestic and trackside based buildings. The domestic buildings feature amongst others a superbly detailed church and a particularly inviting pub! The trackside range, inspired by the Great Western Railway includes a fine example of a characteristic Station, a truly impressive Water Tower, plus a Goods Shed as well as an Engine Shed and Signal Box.



R7288 T. Davies & Grandson - Butchers



R7289 E.L. Sole - Newsagent



R7291 Hazel Cottage



R7290 Bungalow - 'Avalon'



R7275 Platform Straight x 2



R7287 Platform Island x 2



R7286 Platform Ramp x 2



R7282 GWR Goods Shed



R7284 GWR Water Tower



R7283 GWR Engine Shed

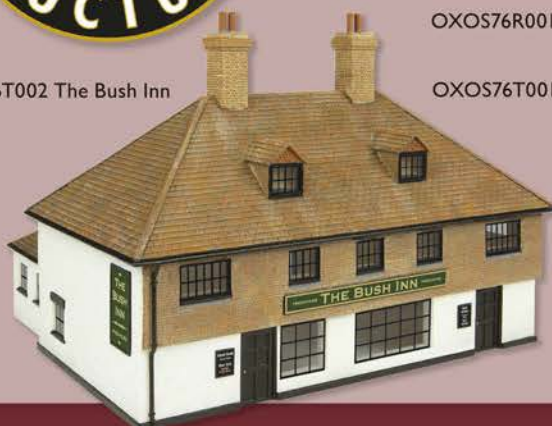


OXOS76R001 GWR Station Building



OXOS76R002 GWR Signal Box

OXOS76T002 The Bush Inn



OXOS76T001 St. Catherine's Church



For more information please visit your local Hornby stockist or go to:

www.hornby.com



www.facebook.com/officialhornby



www.twitter.com/hornby



www.instagram.com/officialhornby



www.youtube.com/hornbyhobbiesltd

WORLD OF RAILWAYS

REVOLUTION TRAINS TO PRODUCE OO GAUGE CAROLINE INSPECTION SALOON

Revolution Trains is to produce a OO gauge model of inspection saloon *Caroline*. The model has been "extensively researched and designed to set a new benchmark in RTR rolling stock," claims Revolution Trains. "It will feature accurate headcode and light variations, sprung buffers, an era-specific driver's desk, a detailed interior with separately-fitted era-specific chairs and numerous underframe parts."

Delivery of models is expected in early 2021, with CAD artwork being complete. Three liveries are proposed; BR Blue-grey (1969-1984), BR Network South East (1991-2003) and Network Rail SR mid-green (2015-present).

MODEL SPECIFICATION

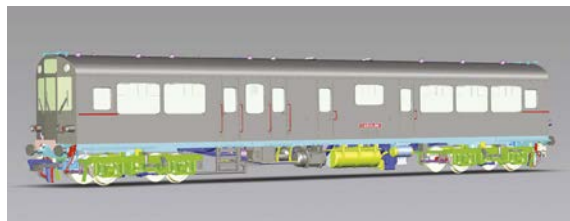
- British OO gauge 1:76 scale.
- Detailed bodyshell, chassis and bogies.
- Era-specific details including SR 27-way jumper cables, headcode boxes, plaque holders, 3rd rail shoe gear, head and tail lamps, solebar step lighting, radio and GSM-R aerials and interior seating.
- Provision for simple conversion to EM/P4.
- Body-mounted kinematic couplers to NEM362.
- Accessory pack including rubbing plates, end piping and cosmetic couplers.
- DCC-ready 21-pin socket.
- DC and DCC lighting to feature directional head/tail lamps, illuminated headcode box, interior and chassis side light.

Operationally, 975025 *Caroline* has been used for BR General Manager meetings, track inspection and line testing far and wide, but is perhaps best known for its many celebrity and VIP duties. *Caroline* was formally designated for the National Collection in December 2008, and once no longer required by Network Rail will be preserved for the nation alongside its Royal Wedding counterpart, Class 73 electro-diesel 73142 (73201) *Broadlands*.

In other news, the manufacturer is teaming up with Heljan to offer its first O gauge/1:43 scale model – a limited run of 37405 in Direct Rail Services' 'compass' livery. Delivery is expected in December 2020/January 2021.

Revolution Trains has said the project isn't crowdfunded, but is being backed by an angel investor to offer DRS fans and O gauge enthusiasts a much sought-after livery. The DRS 'compass' livery is being produced under licence from DRS and numbers are limited. The livery has been researched and the model will be painted and printed to artwork generated by Revolution Trains. Artwork has been approved and the model is available to pre-order via its website.

Revolution Trains has also received EP1 samples of its forthcoming Ecofret container wagons in OO gauge/1:76 scale and N gauge/1:148 scale. Models are expected late-2020, early-2021.



SCALESCENES LAUNCHES CANAL BOXFILE LAYOUT KIT

Download and print-at-home kit specialist, Scalescenes, has added a new boxfile layout to its range of kits. All structures have been designed so the layout can be safely 'flat-packed' back into the boxfile. The scene is ideal for showcasing Hornby's Ruston 48DS, O-4-ODM 'Sentinel', B2 O-6-OPT or W4 O-4-OPT 'Peckett' locomotives, Hatton's Andrew Barclay 14in or 16in O-4-OSTs or a 009 narrow gauge industrial locomotive.

The downloadable kit is suited to OO/HO scale or 009/HOe and includes a:

- Bonus Steel barge kit (can be replaced with its existing (T018) narrowboats)
- Suggested track plans and boxfile cutting template
- Scope for left or right-hand fiddle-yard entry points
- A water texture that's ready to varnish
- A ready-to-print backscene (including A3 seamless version)
- The full cobblestone sett/tarmac surface (great as a diecast display)
- Pre-formed tarmac infills for Peco Small Y and 009 points
- Circular cobblestone sett crane base
- Great potential as a siding or corner filler on an existing layout
- Illustrated step-by-step instructions



HELJAN SHARES DECORATED SAMPLES OF FORTHCOMING 009 GAUGE L&B BALDWIN 2-4-2T LYN



Heljan's forthcoming 009 gauge model of Lynton & Barnstaple Railway Baldwin 2-4-2T *Lyn* is progressing quickly, with the first factory decorated samples received for approval. Thanks to contacts at the 'new' L&BR, models are promised to feature highly-detailed artwork, appropriate to each period of the locomotive's career, in

addition to an un-decorated black locomotive aimed at freelance modellers.

Standard features include a working LED headlamp, six-pin DCC decoder interface, detachable couplers, etched metal cowcatchers, and numerous parts specific to period and livery, including coal rails, chimneys, smokebox doors, water tank filler hatches, whistles and safety valves. Models are expected to be released late-2020.

RAILS OF SHEFFIELD INVESTIGATES OO GAUGE CLASS 89 VIABILITY

Rails of Sheffield is in talks with Accurascale to produce models of the Class 89 locomotive in OO gauge.

Rails of Sheffield is currently at the 'register your interest stage' and the company plans to judge how much demand there is for the project. Should there be sufficient interest, it will open up pre-ordering. Delivery is expected to be between 15–18 months from when the 'green light' is given. It plans to produce the locomotive in four liveries; Intercity Swallow, Intercity Executive, GNER gold logo and GNER with white logo.

The Class 89 model is to be based on Accurascale's existing Class 92 platform, with all-wheel powered six-axle bogies and a pantograph that can be raised or lowered under DC or DCC control.

Designed by Brush Traction and constructed by British Rail Engineering Ltd at Crewe Works in 1986, the unique Class 89 was the prototype for a planned fleet of locomotives that would supersede HSTs on the ECML and supplement motive power on the WCML. British Rail would change its requirements, ordering Class 90s and 91s instead.

ELLIS CLARK TRAINS TO PRODUCE 'PRESFLO' WAGONS



Skipton-based O gauge specialist model shop, Ellis Clark Trains, has unveiled plans to produce its first ready-to-run wagon, using its own brand name. Expected to arrive in the first quarter of 2021, its models represent the 'Presflo' wagon in 1:43.5 finescale O gauge.

Its specification promises finely-detailed wagons with an impressive CV, including

- Fine detailing throughout
- Carefully researched and designed using original drawings and dimensions, cross-referenced with pictures of original and rebuilt wagons.
- Fine pipework, handles and small detailed parts in plastic and metal
- Die-cast chassis
- Sprung buffers
- Three-link couplings
- Sprung axle boxes
- Will run on Peco second radius curves (1028mm)
- There will be six different liveries, with a choice of running numbers and, for each livery, an un-numbered version with a transfer sheet

Detailed CAD-rendered images of the wagons have been shown, demonstrating variants of its tooling for each proposed model. Tooling variations cover buffer, axlebox, discharge wheel and marketing board changes.



DECORATED JSA COIL WAGON SAMPLES ARRIVE WITH ACCURASCALE

Accurascale has revealed that decorated samples for its JSA hooded and open steel coil wagons have arrived from China for assessment. Production is now underway for these wagons, with a delivery date stated for September 2020. Each pack consists of two wagons, with three different packs available per livery, allowing modellers to create uniquely-numbered rakes.

Finding itself with a need for additional steel coil carriers at the same time as a sizeable number of its JTA+JUA (formerly PTA) iron ore tippler wagons became surplus to requirements, in 1996, British Steel commissioned Marcroft Engineering of Stoke-on-Trent to rebuild 56 examples to convey coils for its Strip Products division. These wagons were outshopped with three-stage telescopic hoods and were painted blue with white text, in keeping with the company's famous branding.

The new fleet received the designation 'JSA' under the railway network's Total Operations Processing System (TOPS). These wagons were chiefly utilised on dedicated steel traffic flows emanating from Llanwern and Port Talbot, and on Enterprise diagrams serving the likes of Scunthorpe and Sheerness. Services included Margam to Dee Marsh (for Shotton), Llanwern, Ebbw Vale, Round Oak and Wolverhampton Steel Terminal, the Newport tripper (between ADJ, East Usk, Newport Docks, Llanwern, etc), various Enterprise services in the 1990s including Swansea-Newport ADJ, Newport ADJ-Warrington Arpley, Warrington Arpley-Teess Yard, Tees Yard-Middlesbrough Dawsons, Immingham-Doncaster Belmont/Margam, Sheerness-Mossend (from Arpley north) and others.

In 2018, Arlington Fleet Services began to refurbish several JSA wagons at its Eastleigh workshops. As part of this process, the wagons had their hoods removed and entered traffic as open coil carriers on traffic flows from Margam to Llanwern and Corby. So far, more than 50 of these wagons have been outshopped, with more currently being converted at Eastleigh.

The decorated models were recently received by Accurascale's production team for assessment and approval. The tampo-printing and labels it anticipates "will be pin sharp for production, as will assembly quality."

NEW VEHICLE KITS FROM ROAD TRANSPORT IMAGES

Scale vehicle kit manufacturer, Road Transport Images, has unveiled new additions to its range of multi-media kits for 1:76 (OO scale).

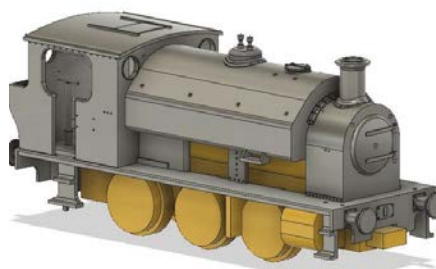
Latest releases for its OO scale model vehicle range include three new resin cabs, two new resin bodies, a new kit and new white-metal wheelsets. The nature of the kits allows modellers the flexibility to choose cab, chassis and body components to create a number of variants of any given vehicle type.

New moulded resin cabs include a Bedford MK/MJ military cab (BED20M), a 1950s Thornycroft curved windscreen cab (TH05) and a 1930s Fordson Model 61 cab (FOR14). At the same time, new resin bodies for a military 4T 14ft GS body and tilt (B59) and a Park Royal Artillery 14ft body and tilt (B60) have been released.

Details for its latest kit of a Fordson WOT1a six-wheel military vehicle with GS body (KIT5) have also been released. A number of white-metal wheelsets have joined its range of wheelsets, with correct application-specific bolt and slot patterns, ensuring models look authentic.



HARDY'S HOBBIES CREATES 3-D PRINTED 16IN 'BAGNALL' KIT



Under development in Hardy's Hobbies range of simple-to-build industrial locomotives is a OO gauge kit for a 16in 0-6-0PT 'Bagnall' saddle tank.

CAD models are at an advance stage and the first test print has been produced, with errors noted for correction.

Hardy's Hobbies plans to offer variants to cover the standard and Giesel-style chimneys and the early and later style cab profiles. Models will come with a number of separate parts including sandboxes, backhead, roof, optional ladders and footplate crew along with parts to add handrails.

The kit is designed to fit on a Hornby B2 Peckett chassis which requires slight modification. The firm also plans to release the round top saddle tank version and possibly more similar prototypes in the future.

TRAIN-TECH LAUNCHES RELAY CONTROLLER

Designed to allow the modellers to switch high current items safely using a low current signal, Train-Tech's latest module will be useful to those looking to automate features on their layout.

The twin channel Relay Controller (RL1) can switch high power loads using controls from track Sensors, Mimic Switches, Sensor Signals and DCC accessory commands.

The RL1 works on analogue or digital layouts and is powered directly by DCC or 12-16V smooth DC.

When using DCC, the relays can be controlled by DCC accessory addresses which are configured using 'One-Touch' DCC.

Relays are a great way to switch on and off relatively high power devices such as motors and solenoids because they act as a switch contact and are safely electrically-isolated from other signals.

The Relay Controller incorporates two separate relays, each with single-pole changeover contacts which can switch up to 3A at 24V AC or DC, so can be used to control DC or AC models, including battery models or Faller kits.



BRM TV

BRITISH RAILWAY MODELLING

DIGITAL EDITION EXCLUSIVE

Accurascale JSA Decorated samples

Decorated samples for Accurascale's JSA hooded and open steel wagons have arrived from China for assessment. Andy York takes a closer look...

EXCLUSIVE

WATCH THE VIDEO HERE

(You must have a wifi connection to stream video content)





BRMTV

BRITISH RAILWAY MODELLING

DIGITAL EDITION EXCLUSIVE

Accurascale PTA Decorated samples

The decorated models were recently received by Accurascale's production team for assessment and approval. The tampon printing and labels will be pin sharp for production, as will assembly quality. There will be some livery tweaks too, such as British Steel grey and ARC mustard needing slight colour adjustments.

EXCLUSIVE

WATCH THE VIDEO HERE

(You must have a wifi connection to stream video content)



GET THE LOOK

When he first saw the Gresley & Wychnor Model Railway Group's O gauge layout 'Wychnor on Trent', Andy Peters was smitten with the scale. The mass of 7mm models and the way they rolled persuaded him that, after dismantling his modern image OO gauge layout, a step up in scale was called for. 'Trebudoc' is his second O gauge layout and represents the end of a typical ex-GWR branch line. We featured this modest, 6ft by 2ft, model in May 2014.

1 The Peco SL-740BH rail-built buffer stop is a reasonably-priced and well-detailed model, made of three clipped-together parts. The plastic can be a little tricky to glue (try superglue), but with a coat of track colour, it really looks the part.

2 All track is Peco, weathered with Railmatch acrylic weathered black, sleeper grime and frame dirt. OO scale ballast is used and this is toned down to suit the location – it's a lot dirtier in the coal yard or where locomotives would be standing for long periods.

3 The platform is made from timber and then covered with Slater's 7mm stone walling Plastikard. Fencing and lamps are from the Peco range.

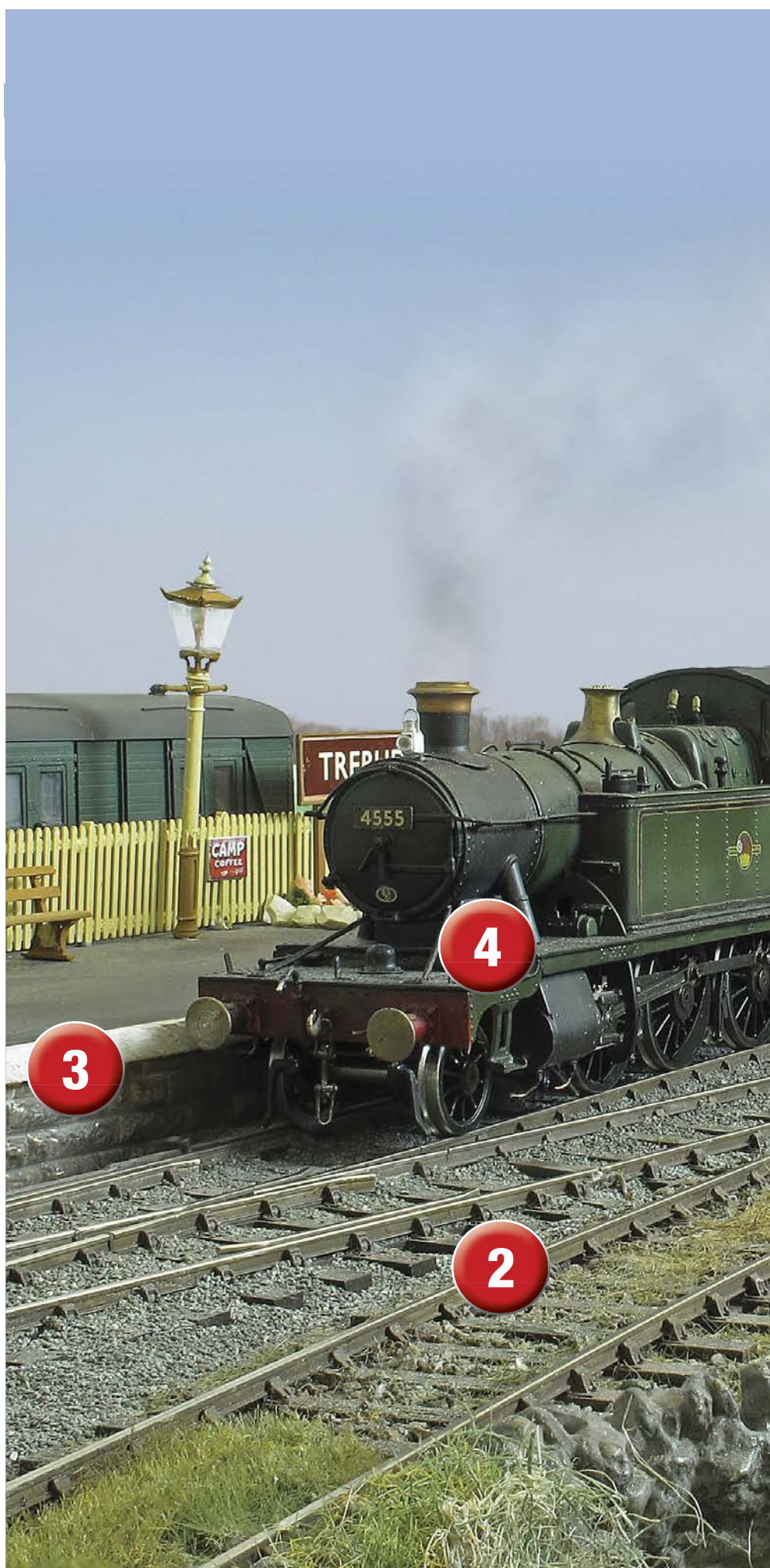
4 This ex-GWR 45XX 2-6-2T is built from a Springside whitmetal kit by David Southwell and includes full cab detail. The wagons come from Parkside, except for the SR utility van behind the platform, which is a Slater's kit.

5 The signal box was built using air-drying DAS clay on a plywood shell. Once dry, the stones were carved using an old dart. Slates are individual cardboard slips and the windows are etched brass.

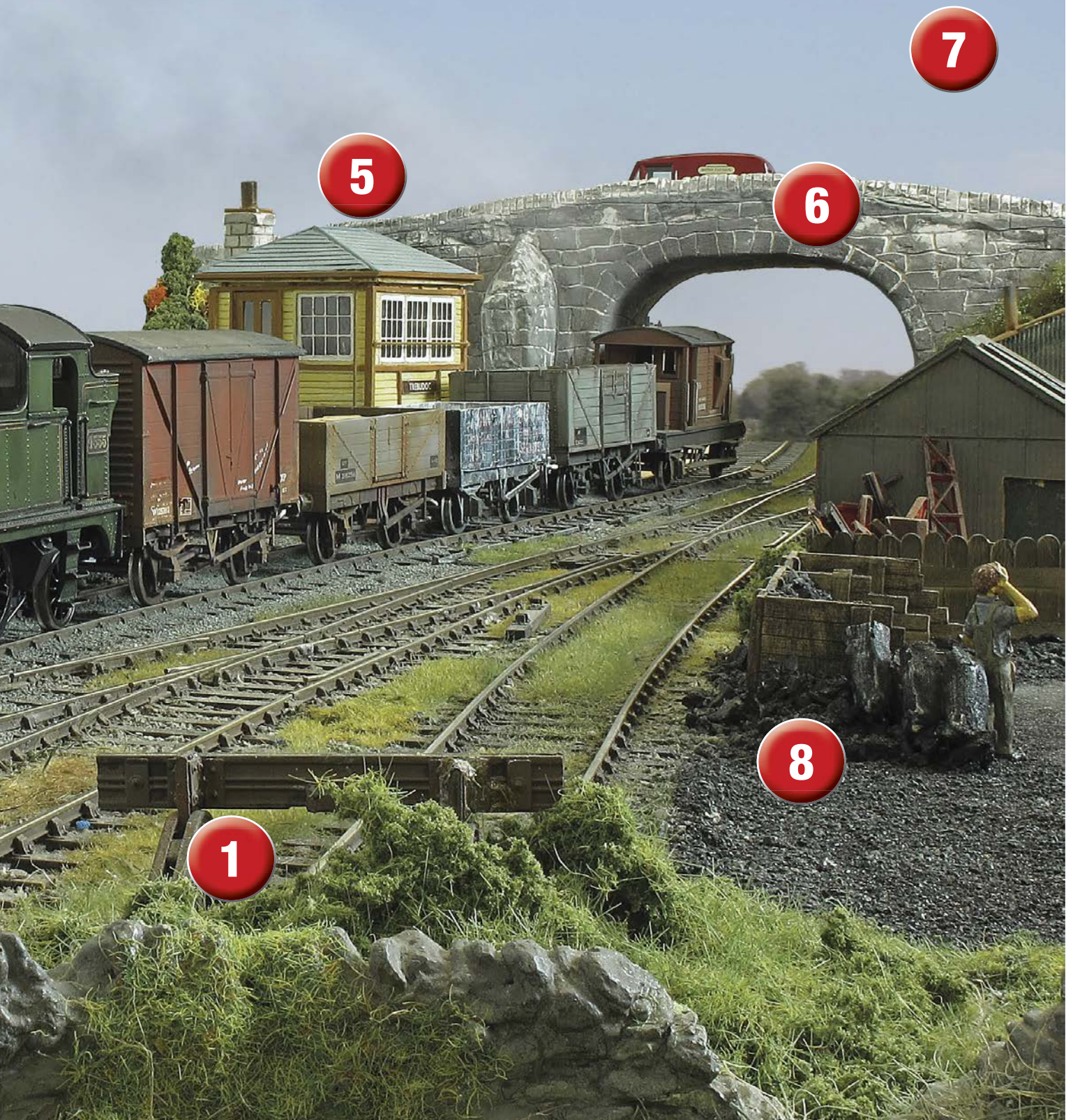
6 The bridge is made from Plastikard, covered with card that is in turn covered with DAS clay. Unfortunately, you can't stick the clay straight to the plastic, hence the extra layer. Stones are scribed with a small screwdriver. Weathering involves a few washes from the dirty pot of thinners Andy cleans his brushes in.

7 A car repair workshop that started life as a Skytrex resin kit for a provender store. Pre-fab buildings like this were used for a wide variety of purposes and many found several uses in their lifetime.

8 A couple of coal staithes made from wooden coffee stirrers, weathered with more coats of dirty thinners, followed by some real coal and muck.



TREBUDOC



TREBUDOC

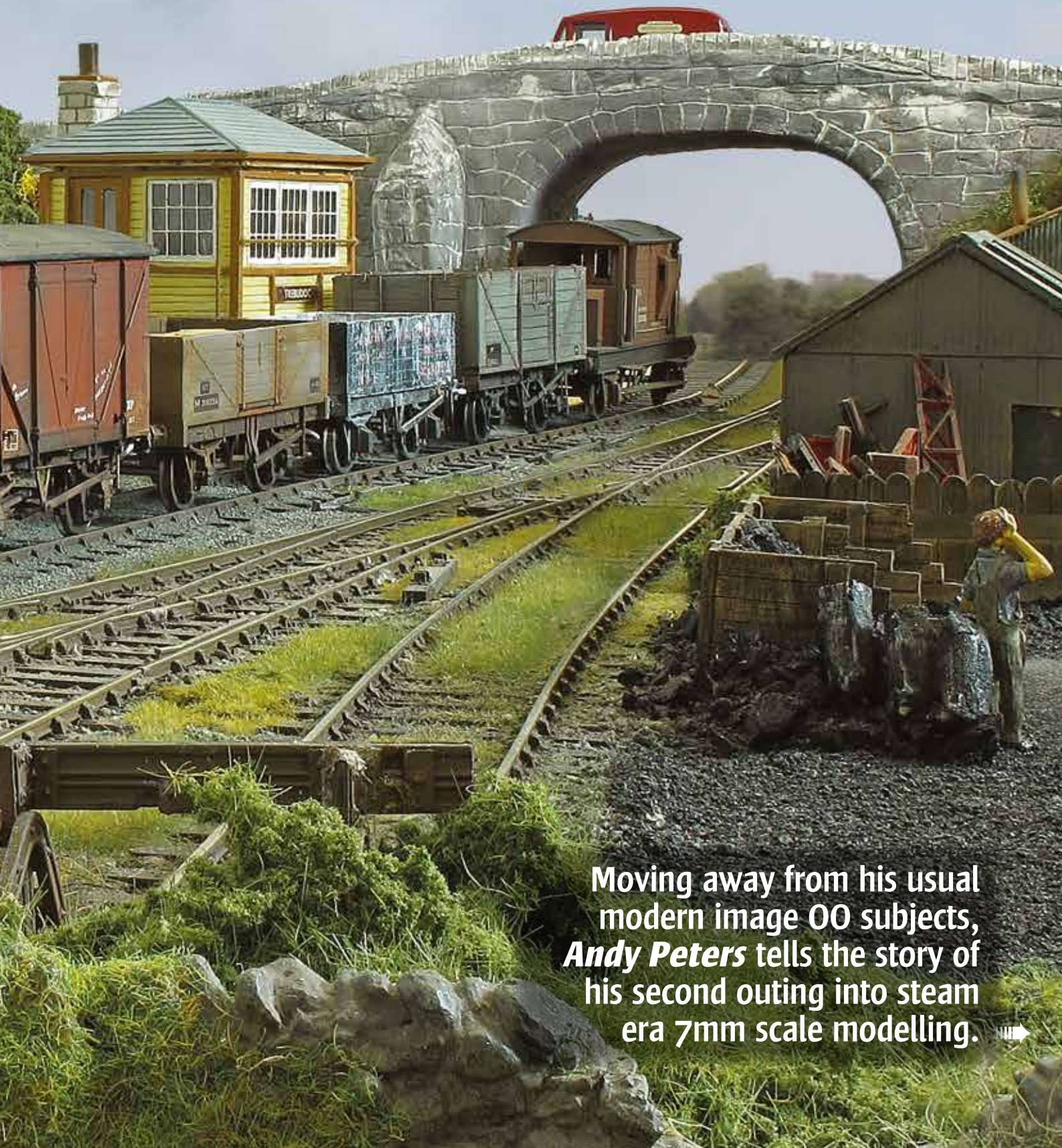


FACT FILE

- **LAYOUT NAME** Trebudoc
- **SCALE/GAUGE** 1:43.5 scale, 32mm gauge O
- **SIZE** 6' X 2' (scenic) plus 2' 8" (fiddle yard)
- **ERA** 1950s
- **CONTROL** 16V AC DCC
- **LAYOUT TYPE** Portable end-to-end
- **PHOTOGRAPHY** Andy York



Ex-GWR 'Small Prairie' No. 4555,
arrives with the lunchtime mixed
goods from Wadebridge.



Moving away from his usual
modern image OO subjects,
Andy Peters tells the story of
his second outing into steam
era 7mm scale modelling. ➡



Pannier Tank No. 3635 backs into the bay platform, adding an 'Express Dairies' milk tank onto the goods train.

I first took a keen interest in O gauge when I visited the Gresley & Wychnor Model Railway Group's clubroom in early 2009 with Russ Hillier. The visit was arranged for me to see the group's OO layout 'Worthington East', but on entering the club room I was immediately awestruck by the O gauge 'Wychnor on Trent' layout (see *BRM* April 2014 issue).

The feel and sheer mass of O gauge is something I had not experienced before and although I had seen it at the many shows I attend, I had never really given any thought to owning or building my own 7mm:1ft scale railway.

At the time I was dismantling my modern image OO layout 'Kingsmill' and I decided to sell the stock and invest in a couple of O gauge locomotives. Most of my OO gauge diesels were fitted with sound and so the funds soon built up. My first purchase was a secondhand Ivatt 2MT 2-6-2T, quickly followed by a Bachmann Brassworks GWR 0-6-0PT. Club member Charlie King painted and weathered it for me and he also added small details such as a crew, some coal and fire irons and a bucket hanging on the back of the bunker.

Rolling stock soon followed with a couple of Parkside Dundas kits that were built on a holiday and a couple of Southern coaches.

KEY DETAILS

BACKSCENE

The backscene is a sheet of white faced hardboard, decorated with a coat of Dulux light blue emulsion fading down towards the horizon. Clouds were added by wiping away areas of blue with a damp tissue after the paint was dry. Once this had all dried, the hills were painted with a mix of artists' watercolour and acrylic paints. A couple of trees were added along with some crows or rooks in the sky.

THE BUILD PROCESS

My first O gauge layout was St Budoc; this was just a yard with a china clay facility kicking back in front of the fiddle yard. After a short while it was sold to make room for yet another OO gauge project that I had started. I then had a couple of new boards made up ready to start on my second 7mm scale project. When I first built Trebudoc, it was also built as a yard, but after a couple of shows it was turned by 180 degrees. The goods yard at the front was modified into a station, and became the rear. A loading dock was removed from the rear and became a field at the front, transforming the layout into what you see today. It was at this time that digital sound was also added to create more interest for the paying public and also an extra dimension for the operating team and myself.

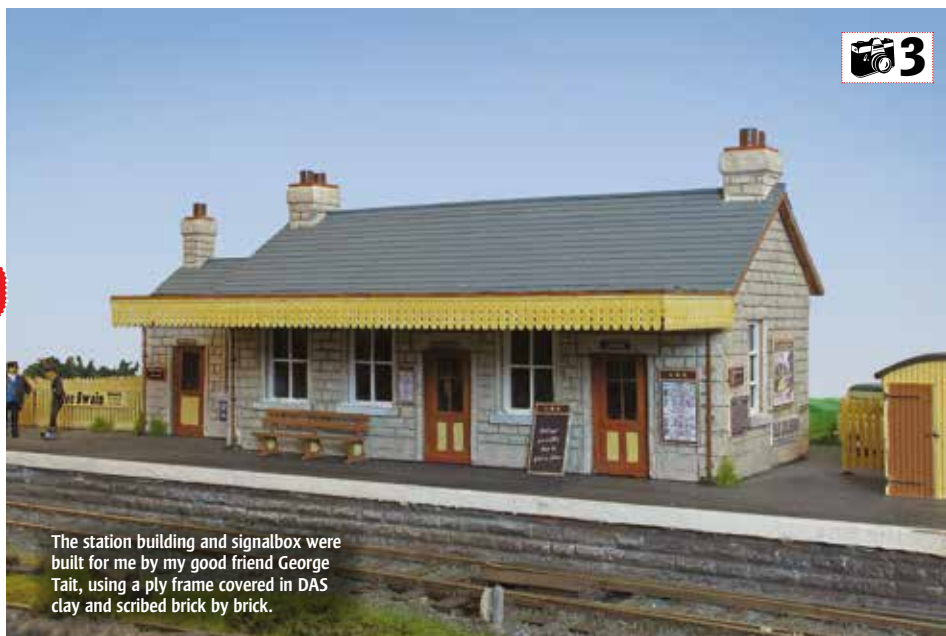
The baseboards are just a 3" x 1 1/2" frame with a 6mm plywood top. As I am no carpenter I had

these made for me by Mark O'Brien, one of the club members. The main board has integral folding legs while the other scenic/fiddle yard board has a pair of legs at one end and locates onto the main board via a pair of wooden dowels and is secured with a pair of over-centre latches, one each side. A five-pin DIN plug connects the two boards electrically and is both quick and easy to erect and dismantle at exhibitions.

SCENERY & BUILDINGS

The scenic break from the fiddle yard is represented by an old stone road bridge and uses the method perfected by David Wright of Dovedale Models. It was made from plastic card, covered in cardboard and finally white DAS modelling clay laid very thinly onto the surface. The cardboard is required as DAS will not stick to plastic card.

Once the DAS clay dried it was scribed with a short fat screwdriver to represent the stonework. In order to



The station building and signalbox were built for me by my good friend George Tait, using a ply frame covered in DAS clay and scribed brick by brick.



No. 3635 blows a plume of smoke as it departs the bay platform with a local goods for Bodmin.



'Trebudoc' has given George and I some tough challenges but it has been well worth it.

LOCOS & ROLLING STOCK

The fleet consists of just three locomotives; the Ivatt '2MT' 2-6-2T that started it all is an ACME kit, purchased secondhand, and is a wonderful runner. I have fitted a South West Digital sound unit with a pair of speakers fitted back-to-back down the boiler barrel. My second purchase was a Bachmann Brassworks ex-GWR 0-6-OPT. This too has an SWD sound unit but with a bass reflex speaker (the spare going into the Ivatt) and put out an awesome sound when shunting around the yard.

My final locomotive is a Springside ex-GWR '45XX' 2-6-2T in BR green and was built and probably painted by David Southwell of Leek. It has the most wonderful cab detail I have ever seen on a model. This too is fitted with sound but was bought secondhand with sound already fitted so I don't know its origins.

Wagons and vans are mainly from the Parkside range with a few notable exceptions. The three china clay wagons and the flat truck with the tractor are from Skytrex, while the SR utility van is from the Slater's range and was built by George and painted by Charlie. Completing the fleet is a Peco ex-GWR 'Toad' brake van and a Meteor Models ex-SR nine-plank open wagon.

get the right colouring, I gave the bridge a wash with dirty diluted thinners, (the pot I wash my brushes in) this stains the clay and makes the mortar look dirtier than the stones.

The platform is made from a piece of timber covered in a piece of plastic card, and Slater's 7mm stone for the platform walling. Originally the bay was to be for passenger traffic in the form of a DMU or diesel railbus, but I felt that it looked better as a goods dock as a station of this size would only see a couple of passenger trains a day. Fencing is from the Peco range and the Lamp hut on the platform is by Skytrex.

'Trebudoc's' *pièce de résistance* is the station building, built by George T of **RMweb**. I have known George for many years and his skills at producing buildings have always amazed me. George was involved in the project from quite early on and has been my main source of encouragement. This time I set him a real challenge. I made a cardboard mock-up of what I had in mind and left it to him to decide how it would be done. I had imagined that he would make a frame and then add stone effect plastic card, but what he produced really amazed me.

Firstly, a shell was made from 2mm plywood, then after cutting out the windows and doors he coated the whole thing in white DAS clay. After leaving the clay to dry for a few days he sanded it fairly

smooth and then painstakingly carved each stone individually using the blunt point of an old dart.

The roof was formed and individual tiles made from stiff card were laid in place. Windows and doors are brass and the chimney pots are pieces of steel tube. Canopy edging is from Slater's, although George wanted to replace it with etched brass valancing.

When I took the layout up to Stockport for a trial fitting I could not believe what he had done. I, like many others, had watched the build on RMweb but seeing it for the first time was a real treat. Next came the painting and it was handed back to me to complete the task.

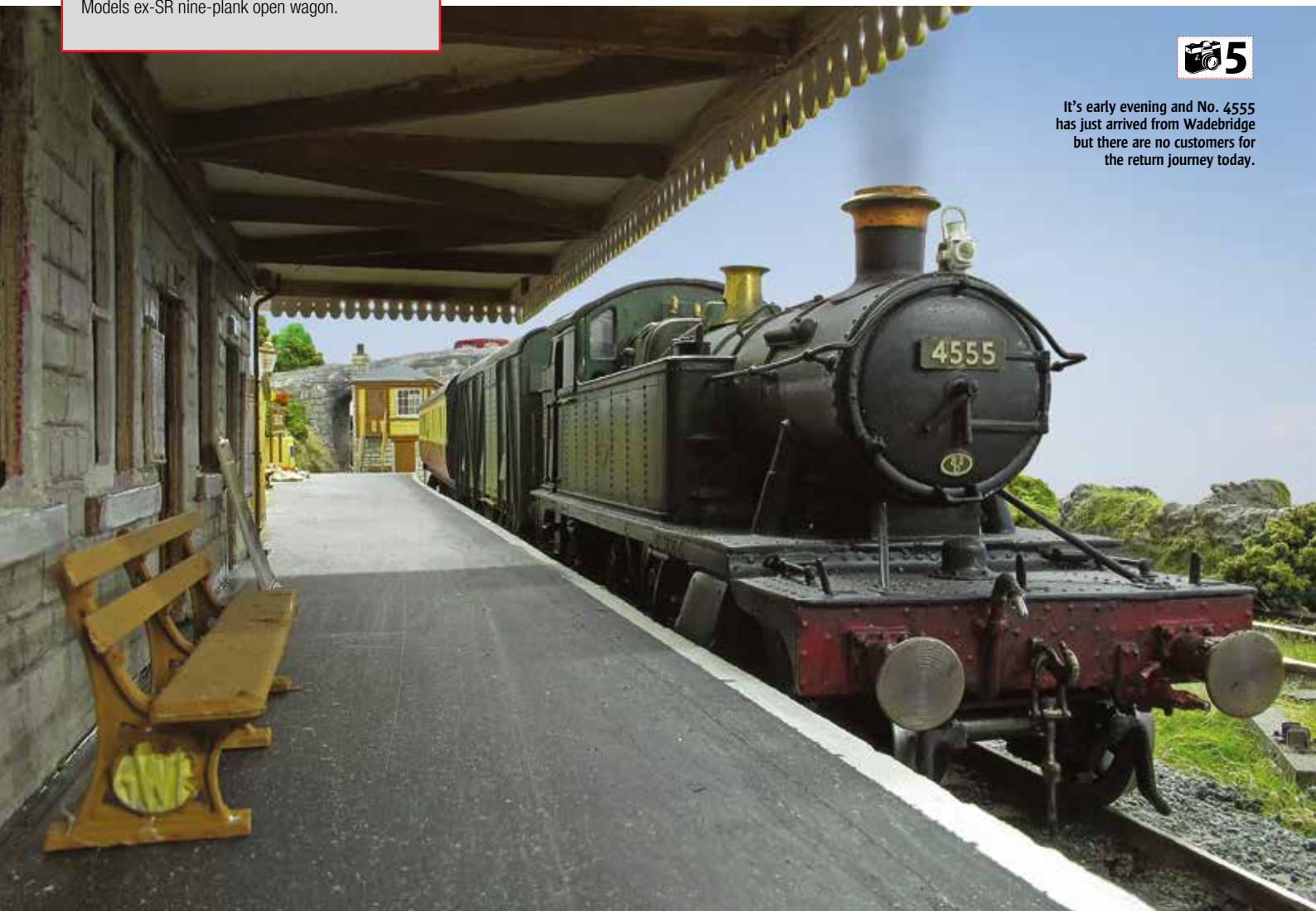
PAINTING & SCENICS

I first painted the brown and cream on the windows and doors and then it was time to tackle the stonework. This was completed in the same way as the bridge using the dirty thinners mix again as painted DAS never looks right in my opinion. George also produced the signalbox; again using with brass etches for the door, windows and steps. I added the interior and Sam the signalman, and Bill and Ben the stationmaster and clerk. All the figures on Trebudoc are from the Tower Models collection.

It was now time to make a start on the rest of the scenery. George built a new cattle dock, and



It's early evening and No. 4555 has just arrived from Wadebridge but there are no customers for the return journey today.



Another ex-GWR 0-6-0PT uncouples from its short rake of china clay wagons ready to run round and add to some other wagons further down the yard.



TRACK & ELECTRICS

All my track is Peco and there are just three points, as I use the three fiddle yard tracks as the run-round loops. The fiddle yard is simply a piece of MDF with three lengths of Peco track fixed to it. The front fiddle yard track lines up with the front and centre track on the layout, the middle one lines up with all three, whilst the rear one lines up with the centre and rear tracks.

The baseboard is covered by two layers of 'th' cork tiles with Peco track and points laid on top. One Peco and two Seep point motors were used and the whole thing is wired into a control panel on the front of the layout, disguised in an old tin shed.

The trackplan is marked out on the panel and also with LEDs showing the route indication and settings. When I was satisfied that all was well, the track was hand-painted with a mix of Railmatch acrylic weathered black, sleeper grime and frame dirt, then a light grey OO gauge ballast was added. This was later weathered to suit, deliberately making areas where locomotives would stand and the coal yard much dirtier.

promptly threw the one I had made in the bin!

The grass embankment to the rear was made from teased out hanging basket liner. At the front, the building next to the bridge is a disused tin hut made from Slater's corrugated sheet over a plastic card frame. The door is a piece of MDF glued inside and the chimney is a drinks straw.

Next to this is the car repair workshop, which started life as a Skytrex Provender Store. It was on the loading dock of the original Trebudoc, about where the field is now. Inside I have installed a workbench and some tools and of course Mike the Mechanic is waiting to start his next job. There is also a steel cabinet in the corner and this hides the wiring for the light inside.

The small coal yard is just a couple of coal staiths made by George from wooden coffee stirrers. I gave it a coat of my favourite dirty thinners covered in real coal dust and muck. Colin the coal merchant looks worn out and is mopping his brow. I was going

to put small hut in the coal yard but it made the yard too cluttered.

Finally, along the front is the field. The front of the baseboard is cut away to drop the front of the field down below the level of the rest of the board. It is formed of card and covered in a couple of odd bits of grass paper. Various static grasses, flock, and basket liners were added around the wall and edging to give a very unkempt look to the place.

Finishing off the scenics involved adding brambles, bushes and clumps of long grass around the wall, bufferstops, around the end of the platform, and then adding some old sleepers and bits of scrap rail. The finishing touch was grass planted between and around the rails in the siding. This gave the layout the run-down country atmosphere and helped to bring the whole thing together. I am still waiting for Dapol's O gauge working signals to be released although I have added dummy point rodding made from nails and strips of Plastruct.

OPERATION

At exhibitions we run to no particular timetable, we run what we want, when we want. If someone wants to see the Pannier Tank then it comes out to play, although I try to keep to just one locomotive at a time on the layout.

When operating from the front I can chat to the paying public and answer questions about building the layout, stock, operation and DCC sound.

Using a Gaugemaster 'Prodigy 2' handset I can also let the kids have a press of the buttons to sound whistles. Our main activity is just shunting wagons about the yard, although I have found that at shows, with three-link couplings and Varifocal lenses in my glasses this can be hard work!

Passenger services are in the hands of a single

coach train, as that plus a locomotive fills a fiddle yard siding. The run-round loop is aided by the sector plate/fiddle yard and so most stock can be shunted into any siding quite easily.

Trebudoc might be built into a gift room but it offers enough operating interest to keep me happy all evening. It has given George and I some tough re-building challenges but it has been well worth it.

Thanks to all the RMwebbers who have chipped in with advice along the way, but most of all to George for his input, inspiration and encouragement throughout the re-build. Credit must also go to my fellow club members for their assistance at exhibitions, especially Mike Ray who usually insists on taking us in his car as he has more space! And finally a big thank you to Andy York for taking some amazing pictures of 'Trebudoc', my OO gauge layout 'Glen Roy' and 'Wychnor on Trent'. **BRM**

INTERESTED IN O GAUGE?

If you missed Gresley & Wychnor Model
Railway Group's superb
'Wychnor-on-Trent' in our April issue



DOWNLOAD

the issue now at
www.brmm.ag/april14BRM



00
GAUGE

LAYOUT FOCUS

TREBUDOC



001



002



003



004

OWNER FACTFILE



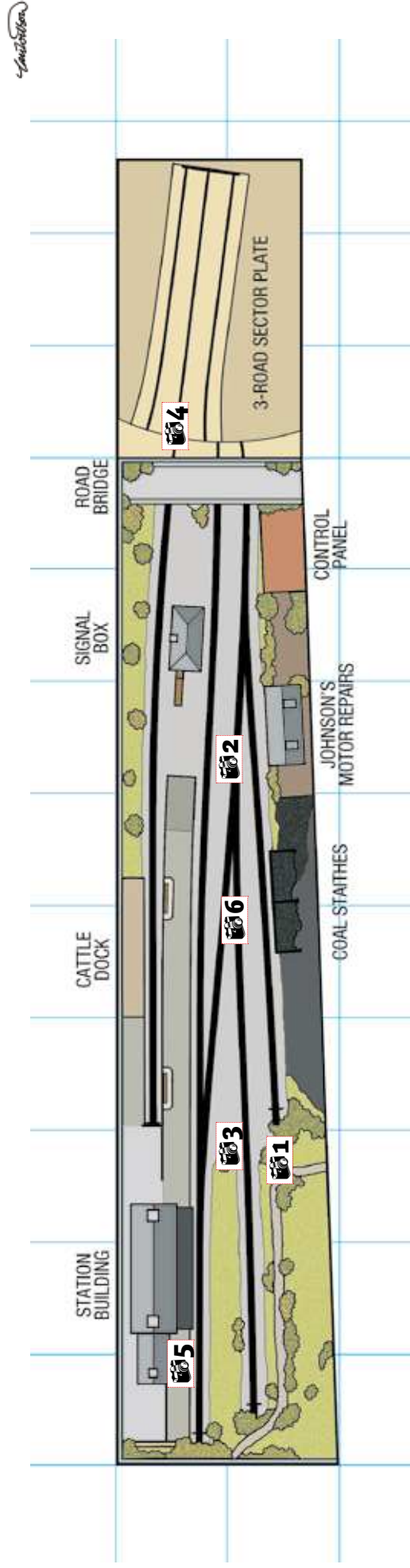
- NAME Andy Peters
- RMWEB NAME Andrew P
- AGE 63
- OCCUPATION Retired
- LOCATION Swadincote
- YEARS MODELLING 38
- OTHER INTERESTS Was playing Guitar in a Band but all the Guitars are now sold, following F1 on TV and Internet, Art.
- CLUB Gresley & Wychnor MRG



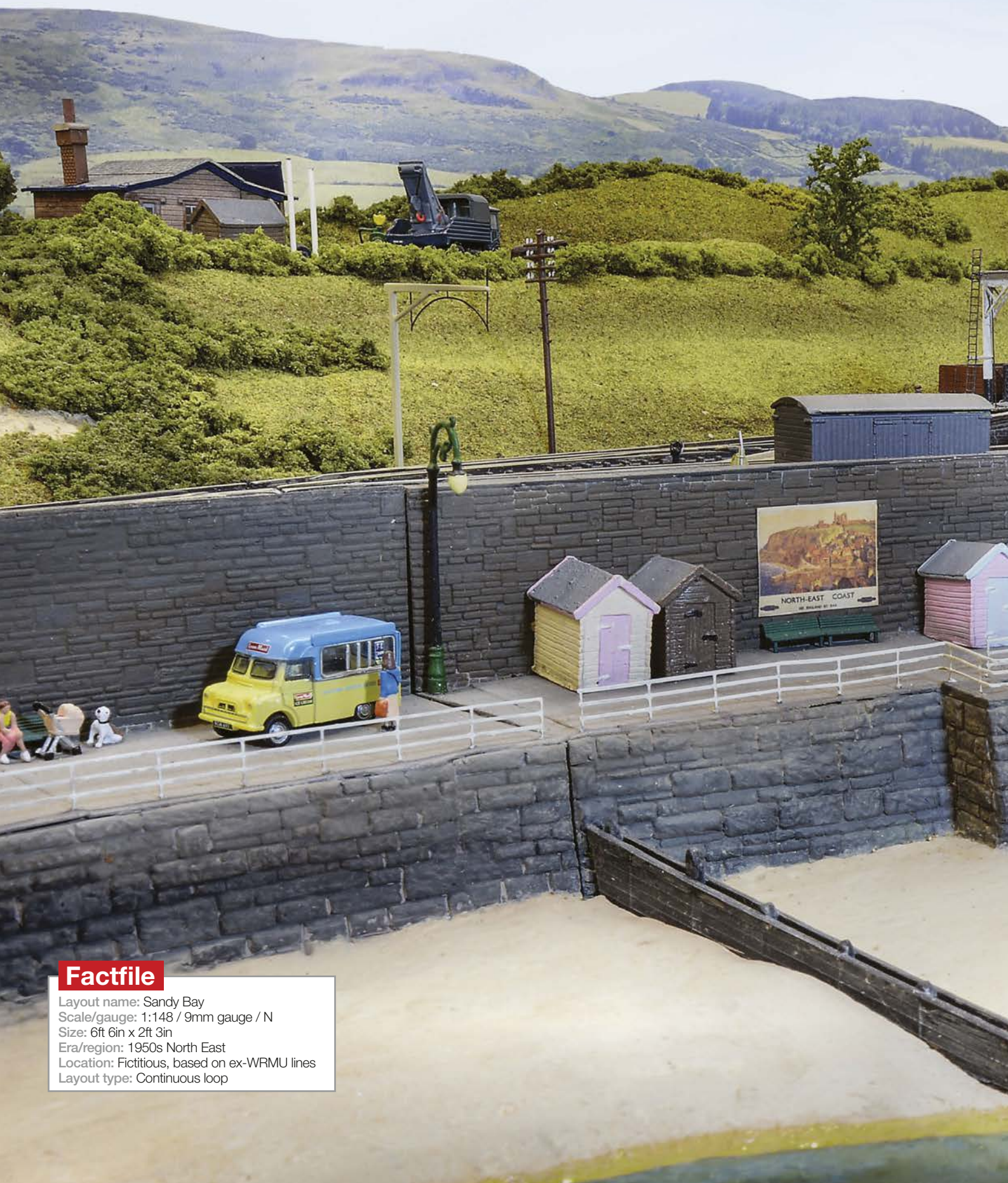
005



006







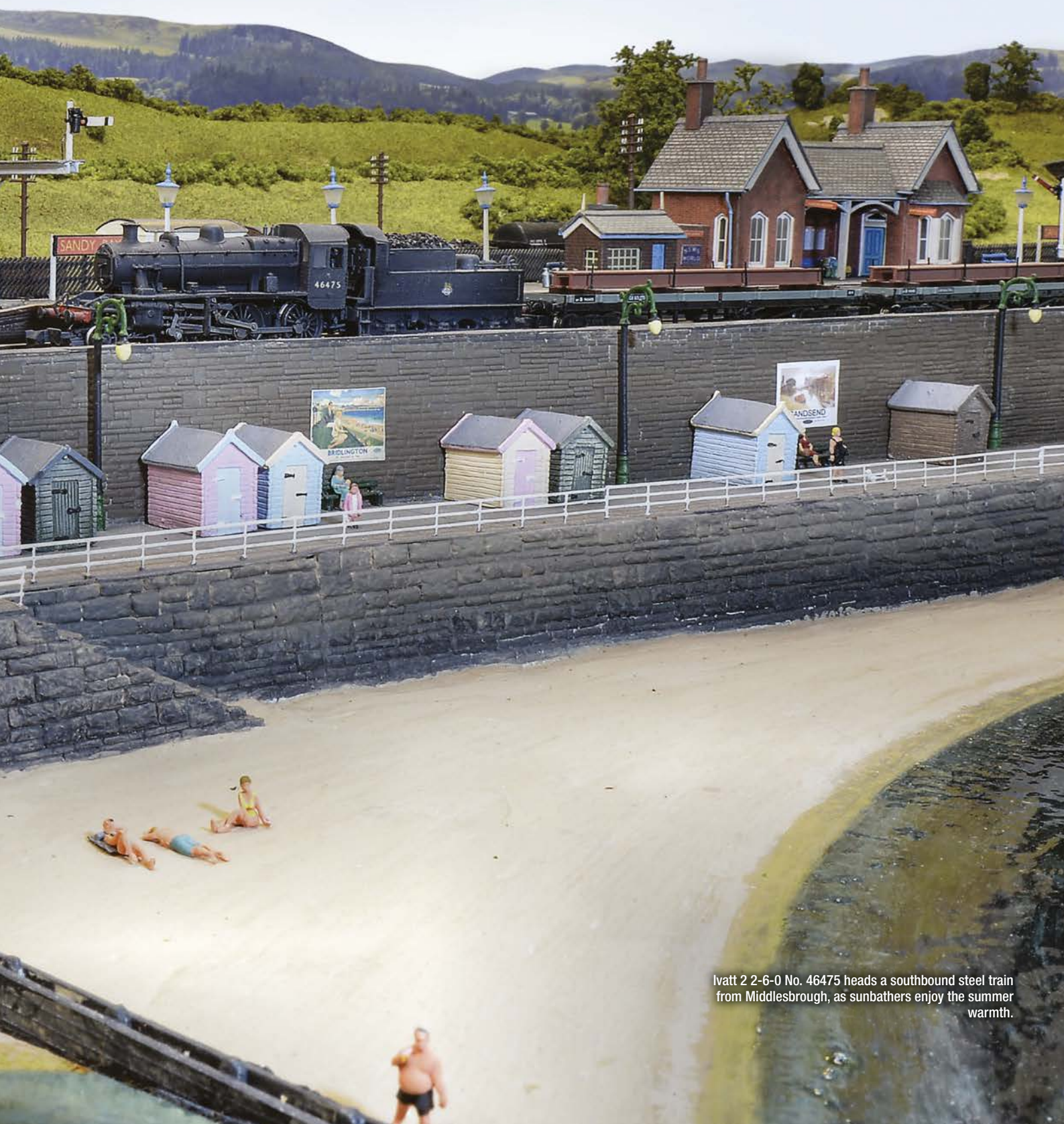
Factfile

Layout name: Sandy Bay
Scale/gauge: 1:148 / 9mm gauge / N
Size: 6ft 6in x 2ft 3in
Era/region: 1950s North East
Location: Fictitious, based on ex-WRMU lines
Layout type: Continuous loop

SANDY BAY

Kevin Smith's research on the Whitby, Redcar and Middlesbrough Union Railway under BR led to this pleasing interpretation, built on upcycled doors.

Words: Kevin Smith **Photography:** Tony Wright



Ivatt 2-2-6-0 No. 46475 heads a southbound steel train from Middlesbrough, as sunbathers enjoy the summer warmth.

N gauge is a very useful scale to model in, as it allows large complicated layouts to be built in a space that other scales would preclude. It also allows you to build small intimate layouts, which give the impression of space around the railway. It is often the surrounding countryside, or seaside, which give the layout that regional identity.

The obvious features on any of the lines north of Scarborough are simple station layouts, the single-track route with passing places, the track close to the sea, and the iconic iron viaducts. An idea was gelling in my head...

Initial planning

My previous N gauge layout, 'Mickleover GN' (which is still active and operational, but stored away at present), was 13ft long, on four boards, and quite an operation for my wife (Maggie) and me to transport and assemble.

Maggie and I often walk along the beach from Whitby to Sandsend, and it was during these journeys that I started photographing the rocks and cliffs, and noting the colours of the Jurassic strata. We also visited Staithes, and photographed the harbour and village houses. But how to combine all of this into a manageable layout?

I had been given several flush-panelled doors by a neighbour who was throwing them out, and was glad to have someone take them off his hands. These are 6ft 6in x 2ft 6in - perfect for a small N gauge layout, as they are flat, very stable, and very light. The drawback is that a length of 78in is unwieldy to handle and transport in a normal small car. The answer was to saw it in half, and insert a piece of timber, glued and pinned into the open ends. These ends are drilled to accept three wooden dowels, which mate with three matching holes in the other board, so with a case clip on either side, you have a pair of boards that could be



packaged face-to-face with end boards to give a box 39in long, 2in wide and 1in deep. That would fit in most small hatchbacks. I already had several pairs of folding trestles, 39in high, which I use under all of my layouts.

The drawback to this idea of boxing it up was that I wanted to have the sea at level one, a promenade at level two, the railway at level three, and the hills behind at level four, so including an integral backscene, I needed 12in depth for each board.

The answer was to make the outer end board of each base board integral, and make a "Box Lid" of thin ply with an additional

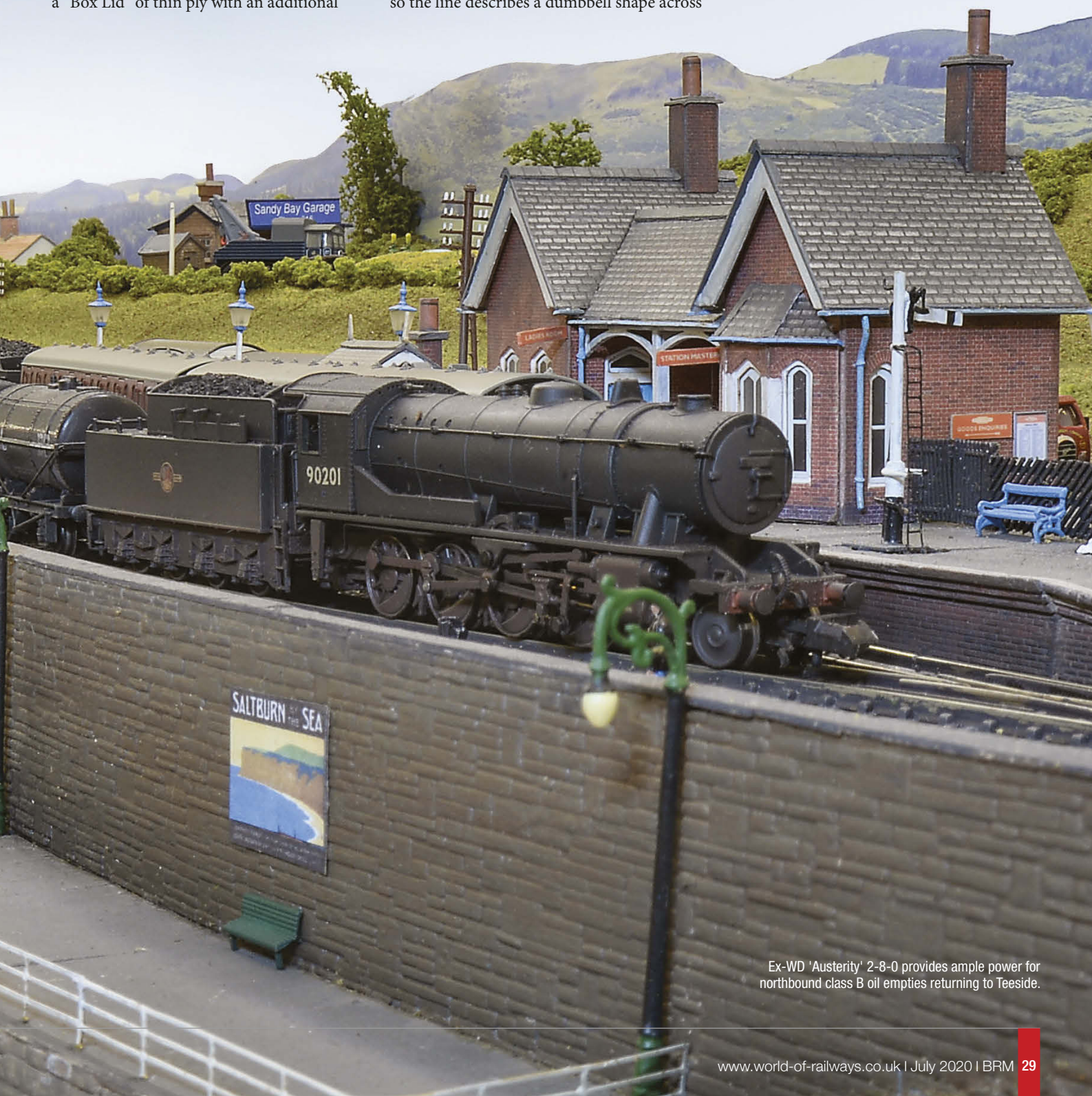
end attached. The completed package of two boards is now 39in long, 27in wide and 24in deep, and still fits in the back of the hatchback – Hooray!

Creating the trackplan

I started doodling in felt tip on the door surface to see what would fit. I would need a return curve at each end so as to access the fiddle yard around the back. These curves have a 9in radius behind the scenes, and ease out to 11in radius on the viewing side. I found I could lengthen the running line and add interest by continuing this curve slightly, so the line describes a dumbbell shape across

the front of the layout. This also provided space for the sea and beach at the front.

The board joint could be hidden by a beach breakwater (groin), which extends into the water and up to the water's edge. I continued sketching and divided the layout into a harbour and village on the left board, and a prom and station on the right board. The harbour gave me the opportunity to have an iron viaduct crossing the opening from left to right. So now, in my mind at least, I had the sea and beach, cliffs at either side, a prom with railings, a retaining wall,



Ex-WD 'Austerity' 2-8-0 provides ample power for northbound class B oil empties returning to Teeside.

Historical reference

The line was built by the Whitby, Redcar and Middlesbrough Union Railway during the period of 1871 to 1883. It was poorly built and had to traverse difficult terrain and as such, the original company ran out of money and the lease was taken over by the North Eastern Railway in 1875. They discovered some of the viaducts had columns that weren't correctly inclined and had to rebuild a lot of the line before it became operational on December 3, 1883. They also moved the line inland slightly at Sandsend and Kettleness, using tunnels to avoid subsidence along the original route. Due to high operating costs, the NER took over the line completely in 1889. The line ran down the coast through Staithes and Sandsend to Whitby West Cliff, before crossing Larpool viaduct and continuing through Hawsker, Robin Hood's Bay, Fyling Hall, Stainton Dale, Hayburn Wyke, Cloughton, Scalby and Scarborough.

All of these villages and towns had a station, which could be anything from a rudimentary single platform and wooden shelter through to loops, stone stations and goods yards. Most had a small goods yard with a coal yard contained within it, though. There were local pick-up goods trains along the line, some of which consisted of a locomotive, a single coal wagon, and a guard's van. Most of the pick-up goods trains were made up of a handful of wagons to be left at, or collected from, the various yards along the line. There were steel trains coming down from Teesside, and oil tanks bound for the oil depot at Gallows Close in Scarborough. This was perfect to enable me to operate prototypical goods trains of five or six wagons. There were severe gradients along the route that limited the length of all trains unless resorting to double heading, and the length of trains was limited by the length of the available passing loops at the intermediate stations. Most passenger trains were a couple of old surburbans, up to a maximum of five coaches if a Class 5 (B1) was available. Motive power during the period modelled varied from J25s, A8s, J39s and B1s. Some A5 tanks were shedded at Stockton. There were also Standard class 4MT tender and tank locomotives, 3MTs, and 'Fairburn' 2-6-4Ts; one, shedded at Whitby made it into preservation, No. 42085.

The line was closed to all traffic north of Whitby in May 1958 due to the rotten state of the viaducts, and Whitby West Cliff station remained open until June 1961. After this, trains had to reverse at Bog Hall and drop down into Whitby Town. This period saw a lot of DMU activity on the southern section of the line. I have used modellers' licence and run a two-car DMU occasionally to add variety.

with the station above it, and the moors above that blended into the background.

This meant I needed to construct three layers above the bare door, and keep it light in weight. The trackbed was marked out on some 1/4in (6mm) ply and cut out with a jigsaw. This was then glued and pinned to wooden blocks, which in turn were glued and pinned to the surface of the door.

The section where the viaduct would go was left vacant. This viaduct would be truly self-supporting! The prom and harbour levels were constructed of polystyrene sheet, glued together with PVA adhesive. The moors section above the railway was constructed of more polystyrene carved with a bread knife, in the garage, with the vacuum cleaner running to clear the debris as it was created. A very messy business, indeed! All of this was covered in papier mache, and when set, covered in a few layers of Artex. This stuff is wonderful, it can be sculpted into the bedding planes of the rocks using a stiff brush, and when spread on the papier



Standard 4 2-6-0 No. 76020 takes a mixed goods train north, as a small fishing vessel heads out to sea.

mache, it gives a tough but flexible surface for the scenic treatments.

The look of 'Sandy Bay'

I had decided that an integral backscene was advisable, so this was formed by wetting and curving a sheet of hardboard, which was attached to more wooden blocks, glued, and screwed to the door surface. The backscene curves around at each end and continues along the end boards. I then had a brainwave – there are several tunnels on this line, most of which seem to have a sharp curve leading up to them. Kettleness has one, and Ravenscar has another. So these were made by modifying Peco N gauge tunnel and bridge parts and hide the railway disappearing at either end under the moors and into the fiddle yard.

I used all sorts of embossed plastic sheet to make the prom walls, and found that a 7mm scale stone sheet was perfect for the big stones found in harbour walls – I know, because I measured those on Whitby pier

and prom! So do not discount items because they are marketed for a different scale.

Operation simplicity

I wanted this layout to be as simple as possible to operate, so there would be no point motors or electric uncouplers. I needed to plan for this before laying the track because the mechanical linkage for these items ran in the void between the door surface and the plywood track base. The mechanism consists of wooden pull/push rods running in holes drilled in blocks of wood glued under the plywood trackbed. These run directly behind the scenes to connect via brass rod with slide switches, which operate the points and change the frog polarity on the electrofrog points.

The uncouplers operate in a similar manner, moving a rare earth magnet under the track to uncouple stock, and back under

the platform when not required. So, if I could operate the points mechanically, and the uncouplers mechanically, could I do the same with the semaphore signals? These were made of MSE arms, mounted on brass rod and tube posts, operated by old guitar string. This connects to an angle crank under the signal, which has a small section of iron nail soldered to it. When a magnet approaches the iron, it attracts it, pulling off the signal. When the magnet is removed, the iron weight returns the signal to danger. I ensured the mechanism won't allow the magnet to get close enough to grab hold of the iron weight.

The track is Peco Code 80 because I had quite a lot of it, and when painted, the rail height can be well hidden. Today, I would use Peco Code 55 as it looks better. The track was glued down using contact adhesive, and the frogs wired back to the



It is often the surrounding countryside, or seaside, which give the layout that regional identity.

slide switches.

Because of the limited space behind the backscene, I decided on a six-road traverser, running on parts from an old drawer runner. This is located using square brass rod engaging in square brass tube, which aligns the track and provides electrical continuity.

I now had a layout which could be operated with just two wires, but was lacking one great big scenic feature. So if I did not want my trains to plunge into the harbour, I had to build one of those iconic iron viaducts...

Key research

I looked at the photographs and drawings of viaducts, and they seemed to be made of common components – tubular iron legs (which splayed out), with diagonal cross braces, and horizontal bracing at intervals. These were made from brass tube for the legs, with brass angle soldered across for the horizontal braces, and 15A fuse wire soldered across for the diagonal braces.

The bridge girders are by Peco, with the last curved sections cut off, and turned upside down. The bridge deck is Plastikard

with the track glued to it, before being in-filled with scribed Plastikard to represent the bridge planking.

The track was ballasted with fine black sand to represent the ash ballast used by the North Eastern.

So now I had an operating layout, with various levels, which needed to look like the coast and moors.

Scenic extras

The buildings came from Scalescenes downloads, mixed and matched to form the village, and all using the iconic red pantiles you find along this coast. An interesting fact; coal ships – or colliers – used to leave our coasts and sail to Holland. These ships needed ballast to return, so they came back with the hold loaded with Dutch red pantiles. This is why there are so many house roofs made of them on the east coast!

Graham Farish Riddles Standard Class 3 2-6-2T No. 82028 crosses the bay on a north-bound mixed freight service.



An overall view of the layout showing the scale of the compact bay and line leading to the station beyond.



Details came from many sources, I just kept adding bits – lobster pots, fishermen, seagulls or an ice cream van, until it looked right, and not too cluttered. The cliffs were painted with emulsion match pots in creams and pinks to match the photographs I had taken along my beach walks.

The sea was next. We are talking about the North Sea, not the Mediterranean, so it is not blue. I painted the sea floor dark brown, followed by a coat of gloss varnish – a bit severe. I then mixed a little dark green with some gloss varnish, and gave it another coat – better but not quite right. I then mixed some blue in with more gloss varnish and applied that – wonderful. Now all I had to do was add another coat of gloss varnish every day for two weeks until it had the impression of depth.

N gauge is too small to represent grains of sand so the beach is neat sand-coloured matt emulsion. The backscene is from ID Backscenes, with the sky cut off, and individual elements glued to my hardboard backscene, which was previously painted a sky blue colour. I wanted to include how the cliffs drop off into the sea.

The time frame for this layout is somewhere in the mid- to late-1950s, so the people and vehicles were chosen to match this. There are not many vehicles – private

cars were very much a luxury back then. The normal mode of transport was by walking, cycling, bus ride, motorcycle or train. Most goods were sent by train to the station goods yard, then collected by a small lorry and delivered locally to the customer. If there was no lorry, collection might be by horse and cart.

Exhibiting made easy

This simple layout had only two wires running back to a hand-held controller. The lighting rig uses warm LEDs and only has two wires. Both require 12V DC to operate.

I had to hand an old car battery booster pack, with two cigar lighter outputs. These feed the controller and the lights, so we are completely self-sufficient and require no mains for the layout. I also have a 12V soldering iron that runs off the battery pack. At the end of a day of exhibiting, I take the battery pack away and recharge it overnight ready for the next day. I use this battery pack with several of my layouts, including O gauge, with no problems.

The layout is very enjoyable to operate, as it can be run as two separate lines with the crossing loop used at the station. The south home signal would be pulled off, and a train appear, moving slowly over the viaduct, and stop in the appropriate place in

the loop – passenger trains in the platform, and goods in the loop. The signal is returned to danger. It will then wait, and the north home signal is pulled off to allow a train to stop opposite the first in the loop. The signal is returned to danger and the drivers will exchange tokens with the signalman. The starter will then be pulled off, and the southbound train will exit the station, and run slowly over the viaduct, into the tunnel. The signals being returned to danger as the signalman sees the red light on the end of the train pass. We can repeat this operation seven times, alternating the trains north and south before we change a locomotive from our roster. The operating signals also cause much excitement once viewers realise they actually work.

The passengers make their way from the station down to the village, and along the prom, perhaps buying an ice cream from the van, before going down the steps to lie on the beach next to the breakwater, and watch the seagulls above, and see the trains rattling over the old iron viaduct.

So there you have it. A compact model encompassing many of the features of an iconic railway, long gone from reality, condensed into 78in.

“Can I have a cheap day return to Sandy Bay please mister?”

LAYOUT FOCUS

I used photographs of the North Yorkshire coast I've taken, and historic photographs from the internet to get the scene right. There are very few motor vehicles about. Most people used buses, walked, or had a bike. Some suppliers had lorries. Most work was done manually, so we see the fishermen by the huts mending nets and moving barrels by hand. The tractor was used to drag boats up onto the quay, and the old one is suitable rusty.

Signs were designed on the computer and printed out on plain paper using the highest dpi setting the printer would accept. The Hardware shop has a window display printed out and stuck inside the glazing. Downpipes for the buildings were added from fuse wire or 1mm copper wire from old electrical cable.

The street lamps are white metal castings from P & D Marsh, painted with acrylics. The station lamps are from Peco. I wanted lamps that reflected the period and matched each other.

All the figures come from Preiser, Noch and Graham Farish, and were picked to suit 1950s photographs – no loud colours or anoraks!

The wooden baulks are cut down rocket sticks glued in place, and the ladder was a spare from a Ratio N gauge signal kit.

The railings on the viaduct and prom are etched brass from Model-Dockyard.com – they are meant for ships, but they do a great range of stuff suitable for railway modellers.

Most of the buildings are downloads from Scalescenes, and the individual parts have been mixed and matched to give variety. Most have been given red pantile roofs that suits the area.

The vehicles come from the Oxford Diecast range, picking vehicles that were suitable for the 1950s period – hence the green Post Office van.

The fishing boat comes from Harburn Hobbies, and was weathered and a figure added. The rowing boats are from Langley Miniature Models, painted with acrylics.

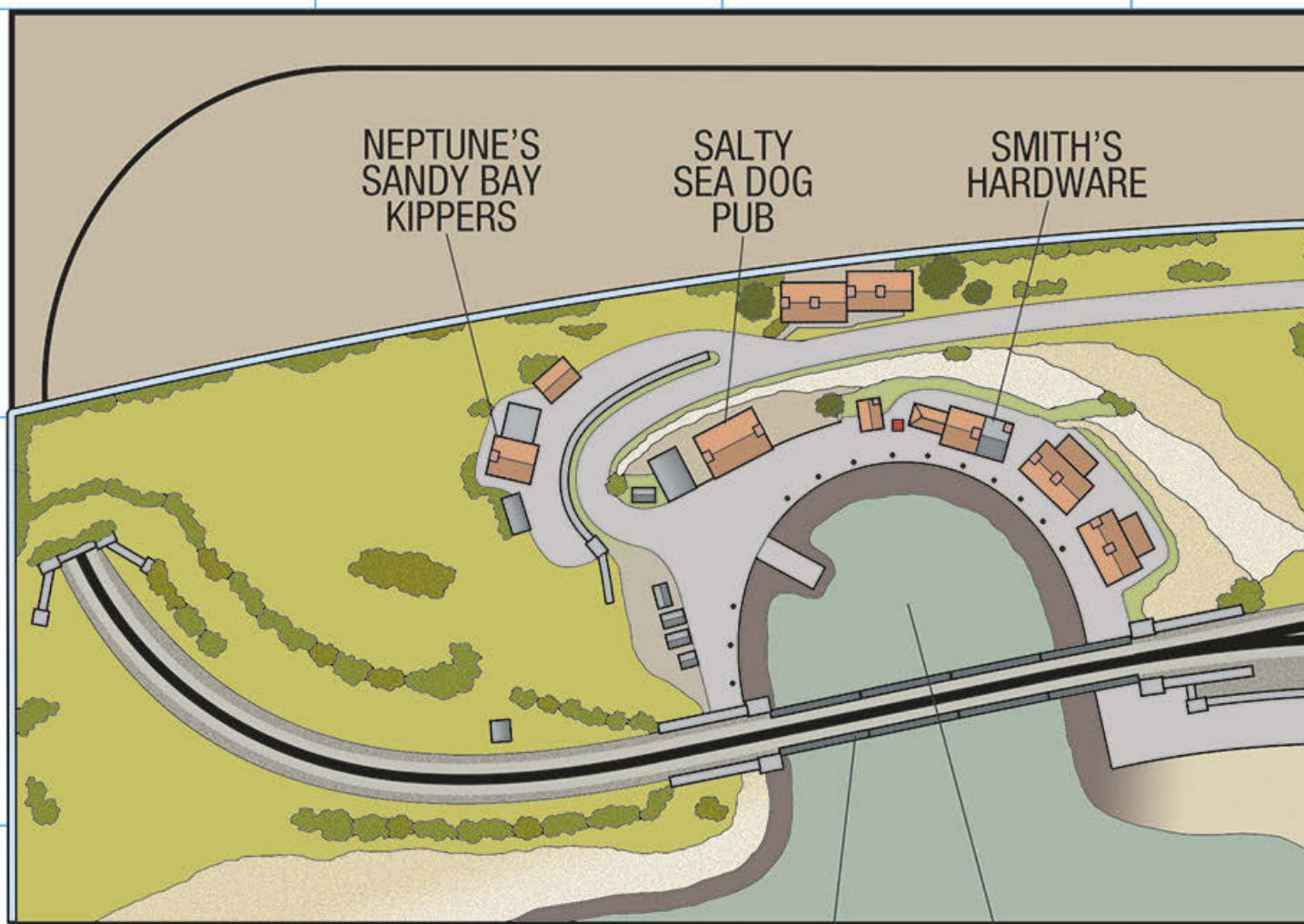
The bikes are from Peco and Modelscene, of the sit up and beg type around at the time. They have been painted in the muted colours of the 1950s.

The water started out as a bed made of Artex, painted in dark colours – grey, brown, green, black all streaked together while wet. It was then coated with many coats of gloss varnish, allowing 24 hours between each coat. The mud is the Artex coloured with cheap emulsion match pots.



Trackplan

SANDY BAY



Each grid square represents 1 foot

IRON
VIADUCT

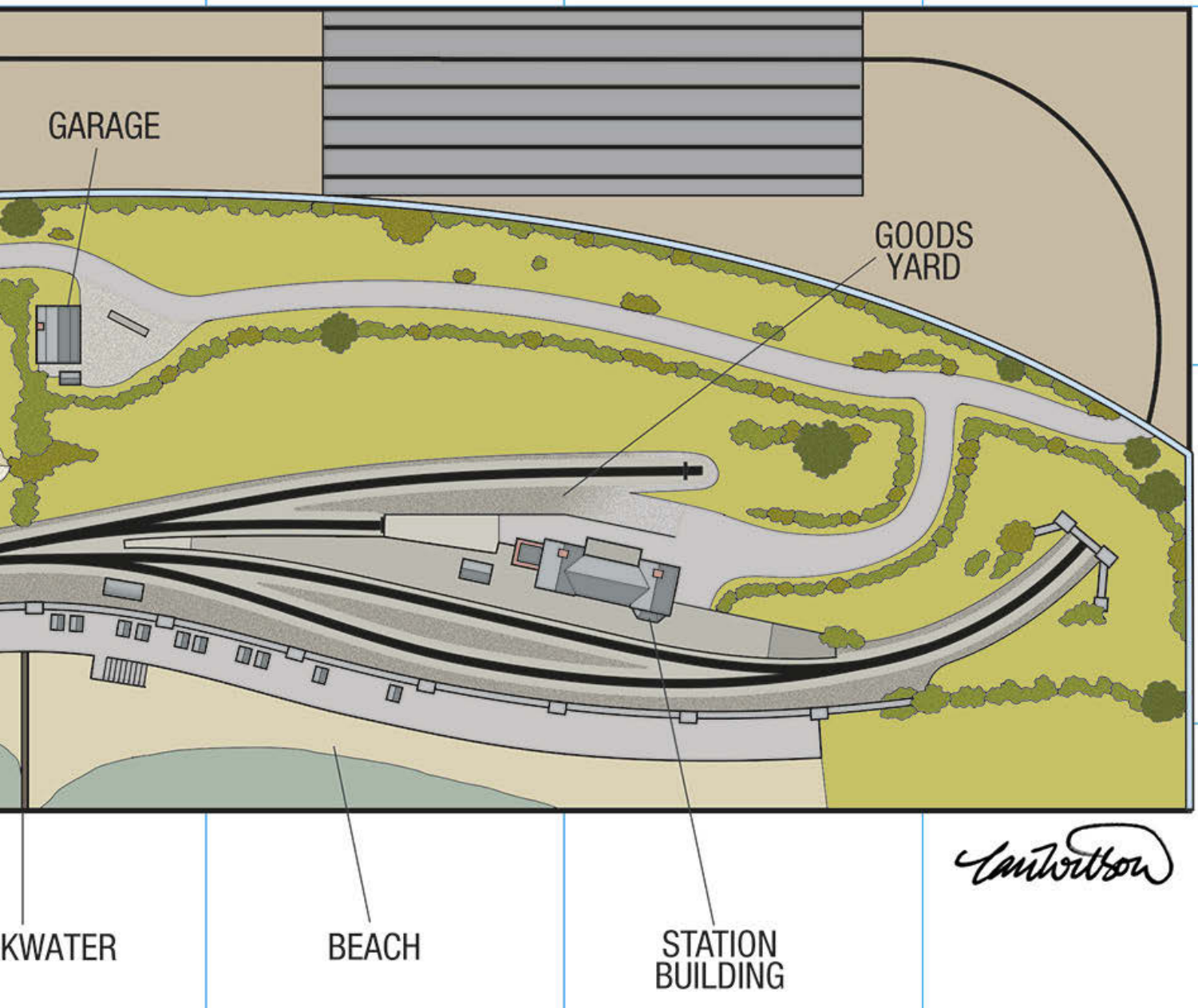
HARBOUR

BREA

J25 0-6-0 No. 65685 heads south with a short consist of ventilated vans. Built in 1899 at Darlington works and introduced to the NER as No. 2046, the locomotive would offer the region more than 59 years of motive power.

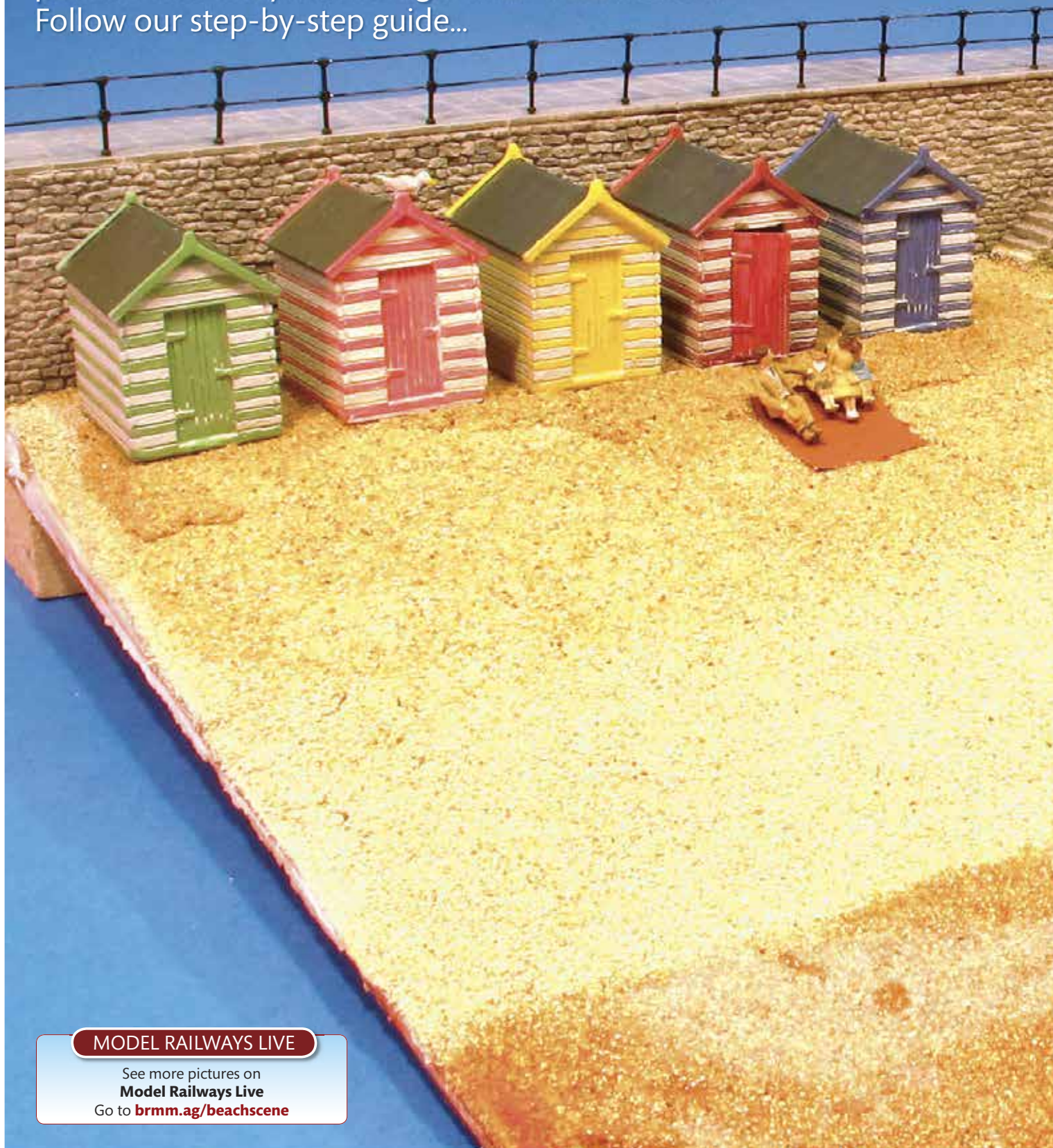


T R A V E R S E R



HOW TO... MODEL A BEACH SCENE

With summer now upon us (or so we're told), it's the perfect time to try modelling a small beach scene. Follow our step-by-step guide...

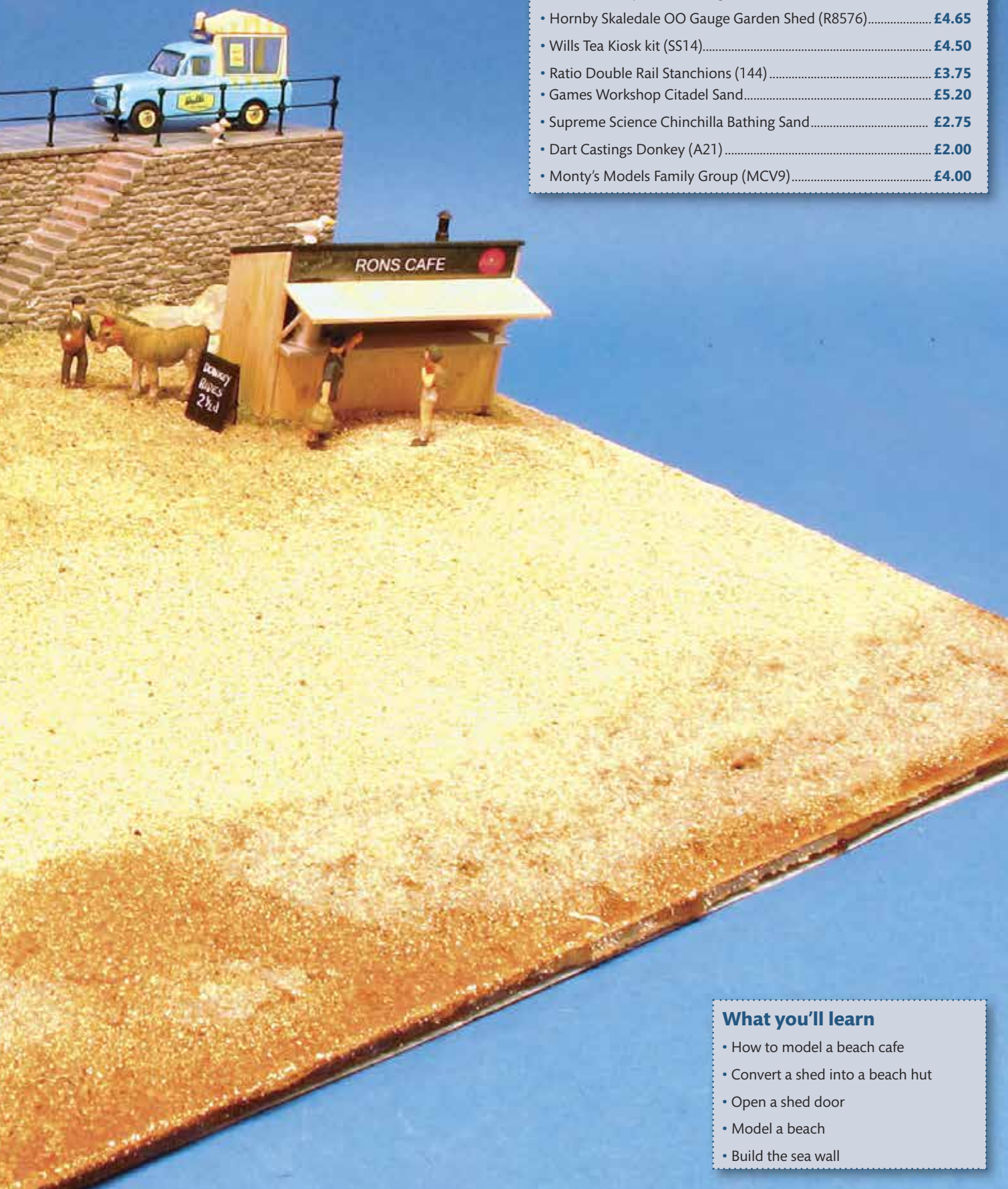


MODEL RAILWAYS LIVE

See more pictures on
Model Railways Live
Go to brmm.ag/beachscene

What you need

- Preiser Quarystone Walling Combination kit (18215) **£11.25**
- Preiser Quarystone Walling Combination kit (18219) **£11.25**
- Hornby Skaledale OO Gauge Garden Shed (R8576) **£4.65**
- Wills Tea Kiosk kit (SS14) **£4.50**
- Ratio Double Rail Stanchions (144) **£3.75**
- Games Workshop Citadel Sand **£5.20**
- Supreme Science Chinchilla Bathing Sand **£2.75**
- Dart Castings Donkey (A21) **£2.00**
- Monty's Models Family Group (MCV9) **£4.00**



What you'll learn

- How to model a beach cafe
- Convert a shed into a beach hut
- Open a shed door
- Model a beach
- Build the sea wall

Summer is here and at the first hint of sunshine, people head for the beach. This isn't a new phenomenon – seaside holidays have been popular for hundreds of years – but the way people enjoy their time on the sand has changed.

Back in the Victorian era, modesty required bathers to enter the water in wheeled sheds called bathing machines. Over time, these developed into the fixed beach huts we know today. Adding a splash of vibrant colour to the shoreline, a wooden shed can now cost as much as a modest house in some parts of the country. The Hornby Skaledale garden shed can quickly be repainted to fit the bill. Even if you don't want a beach hut on your layout, it's not unknown for people to brighten up their gardens by painting the shed with some bright colours.

The main feature of a beach is of course, sand. It's funny stuff, slightly sparkly and translucent, not easy to model in OO as finding a material fine enough to represent the tiny grains is a challenge. You could head down to the seaside or even a builder's merchants and pick some up, but for the small amounts we needed, a box from Games Workshop did the job. While hardly cheap, it is at least clean and has small grains. Finer still, is sand intended for Chinchillas to bathe in and sold by pet shops.

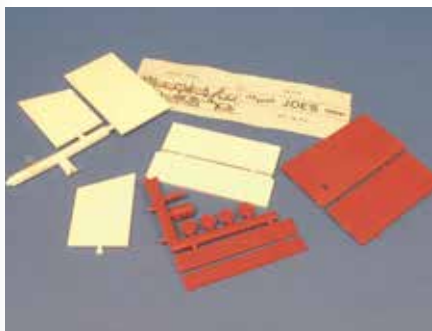
Looking at real beaches, toward the sea, the sand is fine but against the sea wall, it's coarse shingle. Using the chinchilla sand and then covering it with the coarser version toward the back of the model looks pretty good.

Moving on to the sea, we've cheated a little. Static waves never look right, in fact the whole body of water is always on the move whereas most models show it frozen in time. The solution is simple – if the tide is out, we only need to wet the sand and leave some 'water' in dips in the sand.

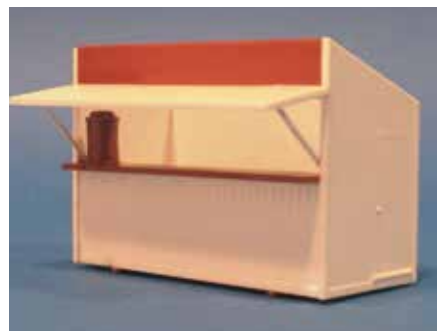
Not being able to swim won't worry those on our beach as it's set in the 1950s. Look at photos of the time and you'll see families sitting on travelling rugs fully clothed. Men are wearing suits, shoes and even ties! While a few daring souls might sport swimming costumes, mostly it will be children padding.

Maybe it's just that the photos we looked at were taken on a normal summer's day with cold

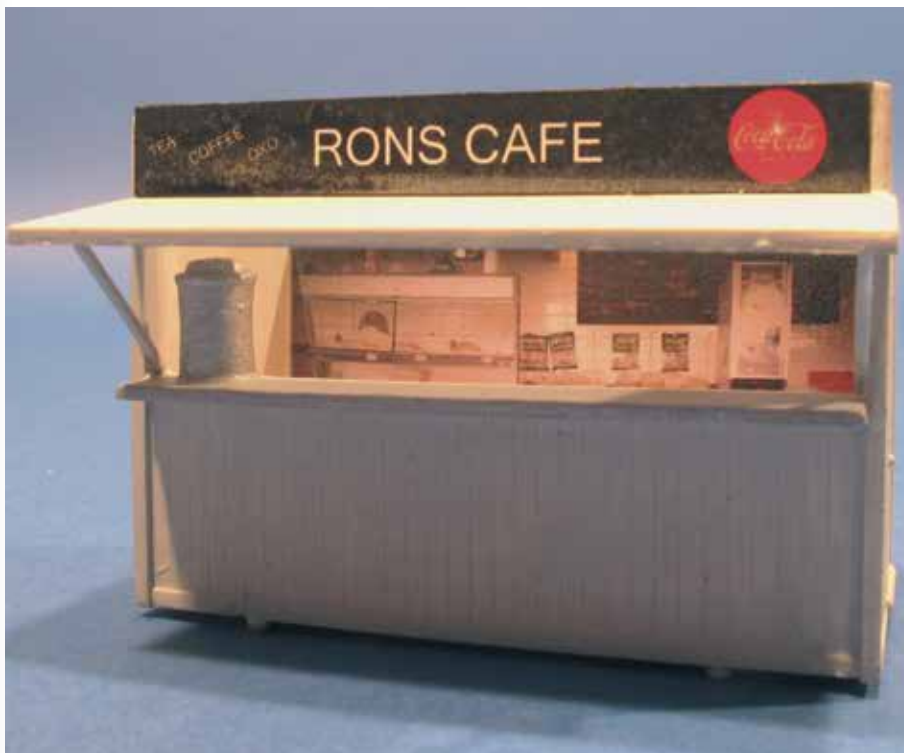
MAKING A BEACH CAFE...



Ron's Café is a Wills Tea Kiosk. A simple kit, little more than sides and a roof, it includes wheels but we left those off as they wouldn't be much use on sand.



The Tea Kiosk assembled but without the roof until the interior is completed. The only addition was a couple of struts to hold the awning flap up.



The café sign was made up on the computer. Inside is a photo found on the web of a café counter. Making up a 3D interior would be nice but this is quicker and once the roof is on, you can't see inside very well.

winds and rain! This would explain why many seaside cafés advertised tea, coffee and OXO. In the era before fast food joints, temporary wooden buildings appeared on the shore selling hot drinks and a limited selection of food. Youngsters will be pleased to see that our café sells 'Coca Cola', although their parents might

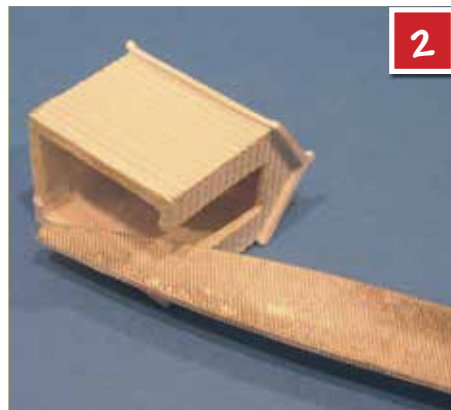
prefer something from the steaming tea urn on the counter.

So, re-live your holidays with a little model making. If the weather is a disappointing British summer then perhaps you could turn a corner of the layout into a sun trap to cheer up your tiny population.

OPENING THE SHED DOOR...

If you want to get your lawnmower out of a Hornby shed, how do you get inside? For one of our beach huts we had a go at opening the door on the resin model. Just remember that when working with resin, it's wise to wear a dust mask.

1: There is a moulding hole in the bottom of the shed. Using a piercing saw we managed to cut between this and the door. A junior hacksaw would work as long as it is fitted with a blade with fine teeth. ➤

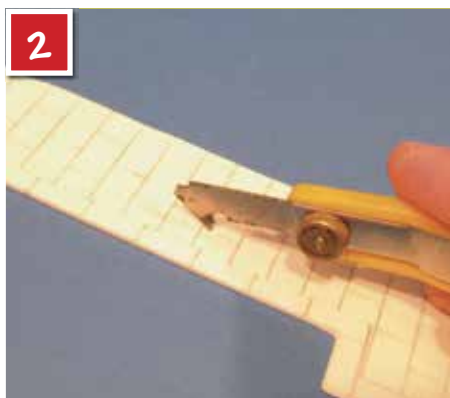


A coarse file made short work of the floor. You can see just how thick the mouldings are.

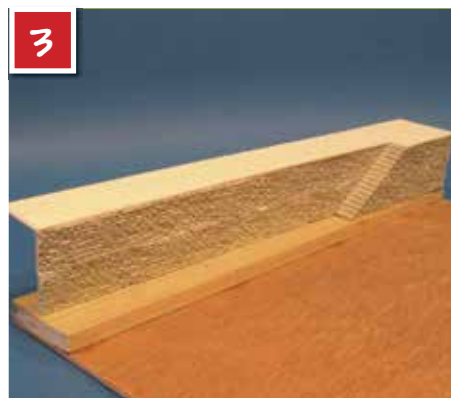
MODELLING THE BEACH AND SEAWALL...



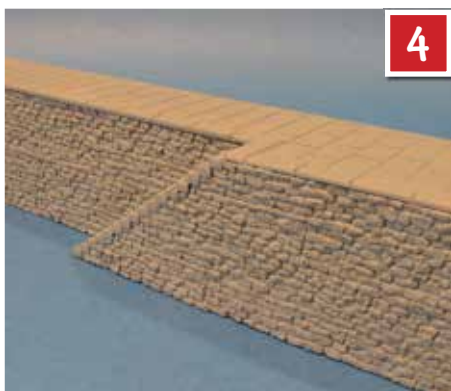
The wall was made from Preiser Quarystone wall kits. Moulded as a series of modules with interlocking ends, you can easily assemble a wall of any height and length.



Although paving is included in the kit, for the promenade along the top of the wall, we didn't think it looked very British so scribed some plastic sheet with paving stones instead using an Olfa plastic card cutter.



As the plan was for the beach to rise up from the sea, the wall was fixed on top of some wood. You could just bury part of it in sand, but wood is cheaper than Preiser kits.



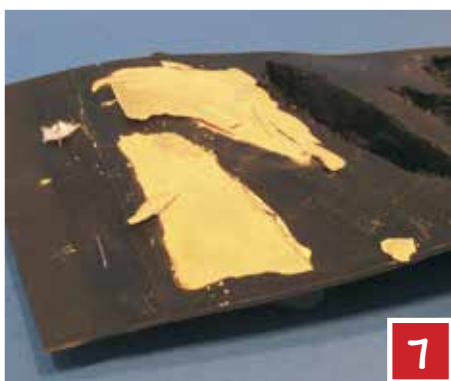
Before fixing, spray with grey car primer. This shows up any gaps which were taken care of with model filler. Dry brush the stone surface with pale grey enamel to bring out the relief.



A wash of brown acrylic finished the job. Some of the paving was picked out with different shades of grey and then this received a wash of black to fill the gaps between the slabs.



Railings are Ratio mouldings fitted into 0.8mm holes drilled in the paving. Thread the stanchions on to the wire before fitting them in the holes as it's easier to keep them in line this way.



On the beach we fancied some rocks poking through the sand. A Woodland Scenics mould was filled with plaster of Paris that had been tinted with brown paint.



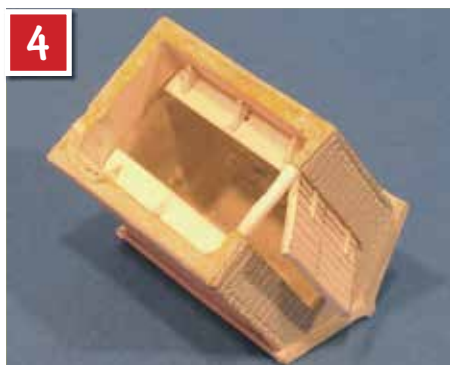
Household wall filler, tinted brown, was used to build up the level of the beach. The rock was pushed into this while it was wet. Use dilute PVA to fix the sand 'beach'.



Appropriately, yacht varnish from a DIY store made the sea. It took three coats as the sand absorbed a lot of the varnish.



Some plastic sheet scribed to represent planks is cut to fit the hole. On the back, microstrip represents the framing with another length for the bottom of the frame. Fix in place with superglue.



As this is a beach hut, a couple of benches are fitted to the sides. If you are modelling a shed, hang some tools or perhaps build a workbench inside. How much you do depends how wide open you've left the door.



TOP TIP
All the PVA and varnish warped the thin unvarnished plywood base the model is built on. This could have been a disaster but adding some more wood at the back just gives the beach more of a rise. On a proper baseboard, this would be a lot less likely to occur.

FROM HORNBY GARDEN SHED TO BEACH HUT...

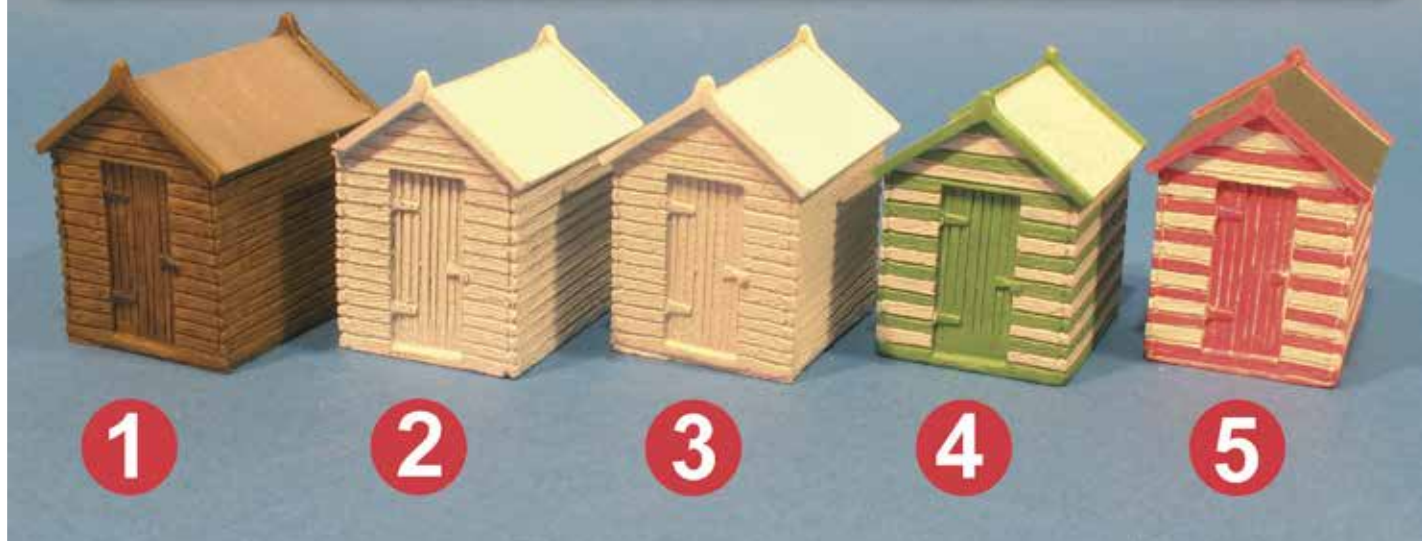
STEP 1 - Straight from the box, the Hornby Skaledale garden shed (R8576).

STEP 2 - To cover the brown paint, spray with car aerosol white primer - a couple of coats is required although perfect coverage isn't essential.

STEP 3 - Brush paint with Humbrol Light Grey enamel (147), making sure you get into all the nooks and crannies.

STEP 4 - Pick out every other plank in a bright colour. Leave to dry thoroughly.

STEP 5 - Paint everything with a weak mix of Humbrol Light grey (64). This should settle in the 'wood' surface and the gaps between planks. Finish the roof in a dark grey.



The huts were bedded down on coarse sand fixed again with dilute PVA.

**Save
the Date
July 4th - 5th
2020**



YOUR TICKET TO THE BIGGEST MODEL RAILWAY VIRTUAL EVENT!!

World-of-railways.co.uk, the UK's fastest-growing premiere website dedicated to the latest model railway news, how-to articles and reviews of model railway products, is to play host to an exclusive event over the weekend of Saturday, July 4 and Sunday, July 5, 2020.

Free of charge and open to visitors globally, from 09:00-17:00 Saturday and 10:00-16:00 GMT Sunday, world-of-railways.co.uk will be transformed into a virtual model railway exhibition hub for one weekend only, and everyone is invited.

Top quality layouts

Exclusive videos

Interviews with key industry people

Demonstrations from top modellers

New product announcements

Plus much much more...

BRITISH RAILWAY MODELLING

BRM **DIGITAL**

DIGITAL EDITION EXCLUSIVE

CLICK AND SWIPE IMAGES
TO SEE MORE

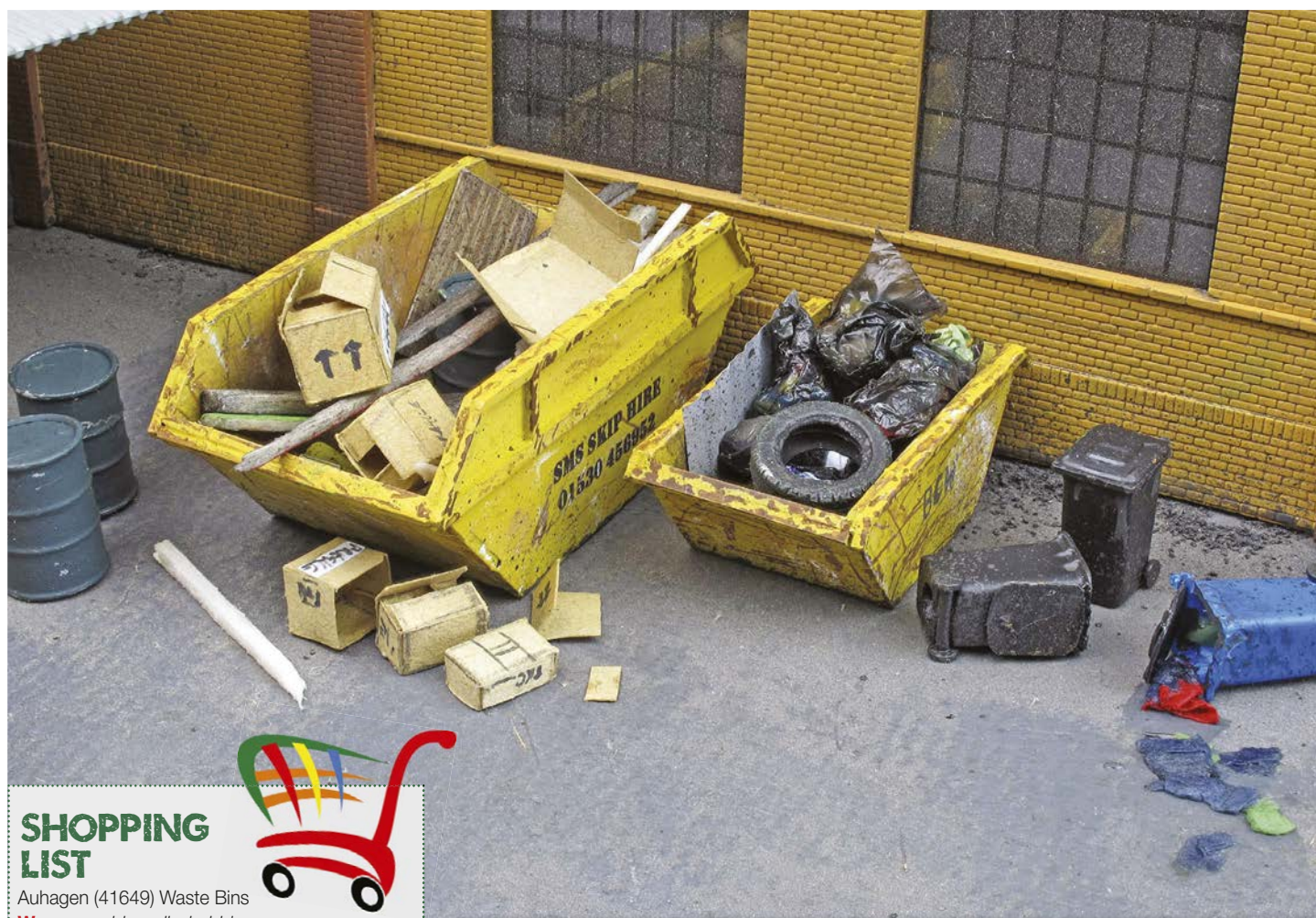




HOW TO... MODEL RUBBISH

Words & photography: Michael Russell

Bringing your post-1950s layout to life is all in the detail, as Michael Russell shares techniques to create varied, commonly-found detritus in miniature.



SHOPPING LIST



Auhagen (41649) Waste Bins

W: www.goldenvalleyhobbies.com

Modelscene (5055) Bicycles

W: www.peco-uk.com

Scale Model Scenery (AX012-00) Litter,

(LX110-00) Rubbish Skips, (AX088-00)

Armchairs, (LX014-00) Laser-cut Litter Bins

W: www.ScaleModelScenery.co.uk

Evergreen StripStyrene (255) 7.9mm square tube, (223) 3/32in tube. 0.020in plastic sheet, slate tiling

W: www.slatersplastikard.com

Skytrex (4A/012) steel drums

W: www.skytrexmodelrailways.com

Humbrol Weathering powders Rust, Smoke, Chrome Oxide and White

W: www.hornby.com

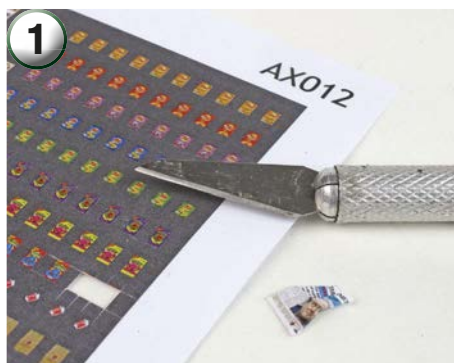


It's regrettable that poor rubbish disposal, in all its many forms, is a fact of life.

We may not like it in the real world, and may not want it invading our models, but to be realistic, we need to include it. Littering has changed over the years, and varies depending on location, and so, some observation is required to achieve realism. For example, logically, you'd expect there to be more rubbish around densely-populated areas. This is true, but a new phenomenon of dumping in the countryside has appeared, perhaps encouraged by the charges levied at businesses for disposing of commercial waste. At the same time, metal is no longer dumped due to the high demand from China keeping scrap prices high.

For expediency, it is satisfactory to portray the majority of rubbish as an anonymous and indistinguishable mass that you have retrieved from the bottom of your scrapbox or bits left over from modelling. However, it will look much more realistic if there are some clearly identifiable items. I have divided the subject up into three main areas and demonstrate using off-the-shelf and hand-made items to realistically portray rubbish, in all its many forms. I have also included a section on weathering, as rubbish left outside will soon be affected by the elements. Let's begin...

STREET LITTER



Street litter is made using a pre-printed sheet. Cut the parts out using a sharp craft knife. Scrunch them up to leave the detail on the outside and glue in place with PVA.



You can carefully reduce the thickness of the litter by separating the layers at a corner and then gently peeling back with a pair of tweezers. This makes it easier to form the shape you want.



To make cans, glue one end of a piece of litter to a 0.020in plastic rod using cyanoacrylate, then roll it up and glue the loose end down. Cut the plastic rod to length and paint the ends an aluminium colour.



Litter bins are made by gluing the central inserts onto one side, then adding the opposite side and the two adjacent sides until finally adding the top piece. Use a thick PVA glue.

ILLEGAL DUMPING



If you don't have tyres from old models, you can make your own. Start by punching discs of 10mm and 9mm diameter from 0.020in plastic sheet using a hollow punch. You will need 10 discs per tyre.



Cut single and double mattresses from 0.060in plastic sheet. The former should measure 10mm x 24mm and the latter 20mm x 26mm. Score three lines across the length and bend the sheets without breaking them.



Use a 7mm punch to remove the centre from the discs. For two of the larger 10mm discs, use a 6mm punch to make outer discs.



Cut strips of Slater's slate tiling and glue using Liquid Poly. Trim the excess from the edges using a craft knife. When the glue has set, use a file to bevel all the edges and round the corners.



Glue the discs together with Liquid Poly using alternately larger and smaller discs to form the tread. Glue the two outer discs in place. Bevel the outer edge, then score tread lines using a file. Paint black.



For an alternative pattern, mark out a series of 2mm grid squares using digital callipers. Drill 0.6mm holes at the grid line intersections and countersink these using a 3mm drill. Bevel all the edges and round the corners.



Top Tips

- For steam-era layouts, portray 'rags and bones' left outside properties for collection. For a contemporary scene, leave scrap metal items outside instead. You could also depict a horse-drawn cart or a lorry piled with scrap metal doing the rounds.
- Often people with gardens will leave their grass and hedge clippings on 'waste' ground, verges, or on the edges of parks close to their residences.
- Skips sometimes have their sides built up with flat waste material to increase their capacity.

11



Clothes are made by painting tissue paper (mine came from a shoe box) with acrylic paint. Once the flat surfaces are covered, screw the shape up and they will dry in that position ready to be stuck in place with PVA glue.

12



Bin bags are made using thin black plastic. Mine came from dog 'poop scoops'. Draw a circle using a two pence piece and cut around it. Form a pile of material in the middle, gluing it together with PVA.

13



Spread cyanoacrylate around the edges and fold the sides up. Twist the top as you would tie up a bag in real life, then snip off excess plastic using scissors. Leave some bags open for variety.

14



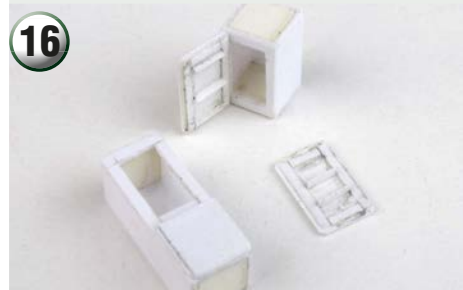
For the fridge, use a razor saw to cut a length of 7.9mm plastic 'H' section. My large fridge is 20mm tall and the smaller one 13mm tall.

15



Drill small holes and cut around them to form the compartment openings. Use a file to clean up the irregular edges. Cut 6.25mm square pieces of 0.040in plastic sheet to slide into the centre.

16



Make doors from 0.030in plastic sheet. Add some variety by posing some of these in the open position and some closed.

17



Prepare the bicycles by cutting away parts that are more liable to damage, such as wheels, using a sharp knife. You can remove all of the extremities to leave just the frame. Again, use variety.

18



Don't place heavy items on top of long static grass, because it won't displace it. Instead, place your rubbish first and then add the static grass around it.

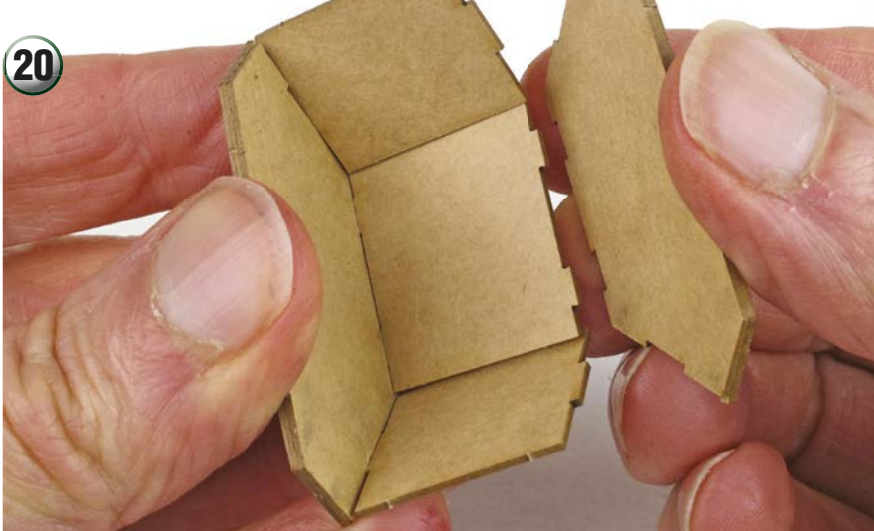
INDUSTRIAL/DOMESTIC WASTE

19



Model wheelie bins are made by many manufacturers. Mine didn't have opening lids, so I cut them off, hollowed out the centre and made new lids from 0.020in plastic sheet.

20



Make the skips using the instructions supplied with the kit, although I found it easier to hold the pieces together as shown when adding the opposite side. The larger skips are suitable for industrial use and the smaller for domestic use.



Use balsa wood for discarded timber. Cut to length using a sharp craft knife. Add variety by depicting virgin, old, and painted wood. Use dilute Indian Ink as a stain. Dry-brush the wood to give the paint an aged appearance.



Add writing to your cardboard boxes using an ink pen and black acrylic ink. Add address labels using ordinary white paper.

PAINTING AND WEATHERING



To represent material, dab tacky paint with a cloth to create a textile effect. Use any moulded base as a paint handle or stick pieces to card using double sided tape. If hand-painting them. Make sure you thin the paint.



Items left outside will soon turn green, especially in sheltered locations. Use an airbrush or weathering powders to represent this. Observe real world objects for inspiration.



Piping is made from 2.4mm plastic tube. To narrow the walls, I drilled the inside using a 1.7mm drill for a more realistic appearance. Paint yellow for gas pipe, blue for water pipe, or an earth colour for ceramic waste pipe.



Leftover scatters can be used to represent soil and aggregate from construction projects. Use formers like aluminium cake tins under big piles and fix in place using PVA and a drop of washing up liquid applied with a dropper.



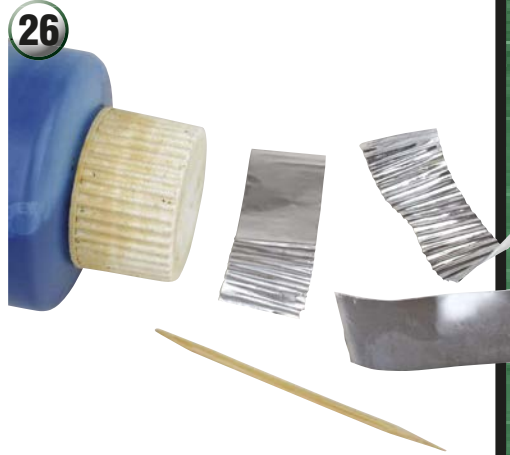
Use a 'dirty' wash to bring out detail in recesses. Make a thin mixture of paint using thinners and drop into crevasses where capillary action will draw the colour into all the corners for you.



Represent rust patches by scribing random scratches with a dip pen. Finish off with weathering powders, especially inside the skips. Use black, brown, and white weathering powders.



Cardboard boxes are made from Manilla or brown envelopes. You can find nets online for square shapes. Draw these out and cut carefully using a sharp knife. Score the seam lines to aid bending and glue with PVA.



Represent metal and asbestos sheeting by pressing aluminium foil onto a container.



Dirt is thrown up from the ground when it rains and discarded items may well be soiled from use. Use weathering powders, or spray a dark colour, around the base of items in contact with the ground to represent splashback.



For the concrete rubbish bins, after painting with a base colour, flick lighter and differing shades of the base colour using a toothbrush. Acrylic is best for this as it dries quickly.

INBOX

Q&A
LETTERS
PROJECTS

HAPPY MODELLING

I was delighted to see 'Arun Quay' featured in the April 2020 **BRM** as I've seen both it and 'Pempoul' at exhibitions over the years. As well as being a fine modeller, Gordon Gravett has proved willing to talk and offer advice while his wife, Maggie, who worked with him on 'Pempoul', is just as pleasant. If the hobby is to survive, let alone prosper, such attitudes are vital, especially towards youngsters. All too often exhibitors appear desperately serious and unapproachable. Please smile a bit more!

Iain Climie

HIGH PRICES

Just a quickish gripe regarding the cost of OO and O gauge locomotives updated for DCC and sound etc.

I have recently started buying radio-controlled tanks in 1:14 scale (they are big!) made in China, the same as a lot of our models. The price is incredible considering the following...

You get the radio controller, sound effects (engine start up, throttle, shut down, firing of main cannon, with recoil action, and machine gun), lights front and back, movement including turret traverse, as well as firing a BB pellet 25yds, with lithium battery included. The price? About £198.

It made me think, are we railway modellers being ripped off?

I have had some of my OO gauge stock updated to DCC at a reasonable price by Topp Trains in Stafford, but why can't manufacturers supply their DCC sound-fitted locomotives with switches as required for those with analogue-only at a sensible price?

James Whitfield

ABSURD COUPLINGS

I have just returned to railway modelling after a 50-year gap. The standard of accuracy on RTR models is staggering. The one thing I find amazing is that these beautiful models are still being fitted with couplings that look absurd by comparison with the rest of the model. I know there are 'aftermarket' alternatives, one of which I am using. It seems a bit sad that reviews of new arrivals suffer from rivet counters, whilst what is sticking out of the back and front of the model is an ugly monstrosity.

Keith Sanders

KEEP IN TOUCH

BRM The Maltings, West Street, Bourne, Lincolnshire PE10 9PH

TELEPHONE 01778 392059

WEBSITE www.brm-magazine.co.uk

E-MAIL brm@warnersgroup.co.uk

Your forum for sharing information, questions, praise, grumbles, projects, layouts and your thoughts on the hobby then and now.

TRACKPLAN EDITS

Since I retired to France some 12 years ago, I have been a subscriber to **BRM** magazine and have much enjoyed the articles. I particularly enjoy looking at the various trackplans you publish; and I am a firm believer that every article about a particular layout should include a trackplan.

When I received the May edition, therefore, I was delighted to see and read the article by Phil Martin on 'Alternate North Road' (plan pictured below). I do not model the Great Western and have no knowledge of the trackplan of Plymouth and so cannot comment on the station plan in Phil's article; but the fiddle yard portrayed caused me some concern; and I thought that I should write to you about it before anyone starts to build it.

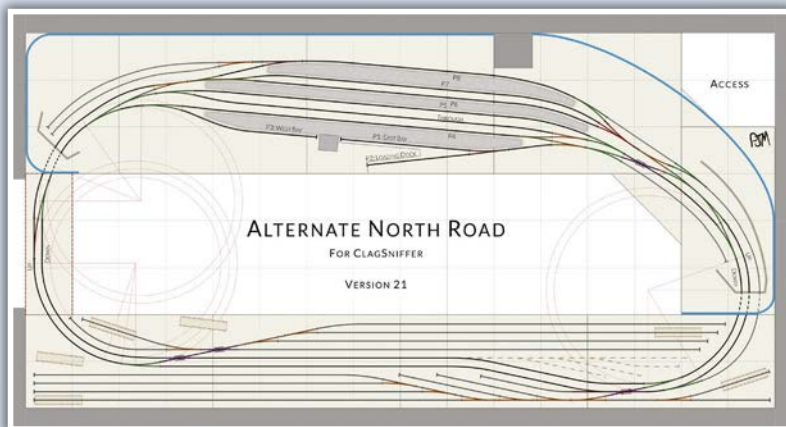
At first sight, the fiddle yard plan looks both ingenious and interesting. It contains cross-overs using double slips at each end of the fiddle yard roads, so that trains departing can gain the correct running line. However, there the problems start. Because each of the up and down fiddle yards consist of dead-end sidings, a train departing one fiddle yard and gaining the correct running line will then end up in the other fiddle yard. This means that there must always be one free road in each fiddle yard for an arriving train. This is going to limit operations somewhat.

A second drawback is that an arriving train will have its locomotive at the buffer stops. That locomotive therefore cannot take the train back out again on its return journey; and even if a new locomotive comes from one of the short sidings to take the train away, there is nowhere to turn the arriving locomotive. One is left to resort to the great hand from the sky, which may well cause damage to the locomotive's paintwork over time.

The dimensions given say that the garage is 16ft long, which is ample to enable a 10-road fiddle yard using the ordinary ladders of points at each end. There would still be room outside the loops for a number of roads on which to store spare locomotives. If cross-overs are placed at each end of the fiddle yard outside of the loops, it should be possible for trains in any of the sidings to gain the correct running line and then return to their own dedicated siding. If the train has to return in the opposite direction, the locomotive can be uncoupled and then put on to one of the short locomotive sidings, and a new locomotive can be coupled to the other end for the return journey. There might even be room in one of the bottom corners of the plan for a turntable, in case the operator wants the locomotive that brought in a train to take it back.

It will be seen that my solution will give the operator 10 roads rather than six usable roads, since the two through roads on the original plan are no longer needed and so become additional siding loops. I appreciate that the entry to some of the roads might have to be set back on the curve; but I think that this is a case where, from an operational point of view, the simple solution may well be the best.

Colin Brown



SHED ADVICE

May I add a few suggestions to Howard's shed advice for Chris Fletcher-Smith in the previous issue?

Regarding insulation, I used a honeycomb material sandwiched between aluminum foil, called Celotex. It is about 50mm (2in) thick and fitted neatly between the shed's framing. It was easy to cut to shape and size. Celotex's technical department advised me to fit a waterproof membrane (which never occurred to me) and saved me from making a big mistake. I added a thin plywood skin on top of the membrane and insulation. The insulation works well in winter and only needs a small background heater.

I fitted a small bathroom-style extractor fan, which helps with soldering fumes, but doesn't cool down the interior in summer. My shed has non-opening windows

and I regret not upgrading them.

As Howard says, humidity can be an issue, but a dehumidifier helps in my 10ft x 8ft shed.

I know Chris may build his shed (if that is his choice) to his own specification. A friend told me to reinforce my 'off the peg' shed floor. He was right and my shed's original floor was flimsy and shifted under my weight. I laid and screwed down a thick plywood on top and it's improved the stability.

In terms of baseboard support, I bought the cheapest basic kitchen units and used them as supports for the layout and storage space.

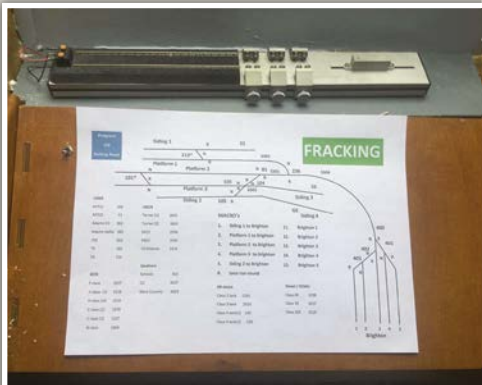
My shed has been a terrific success, although it can be hot in summer. I wish Chris well, whether he opts for a shed, or Portakabin.

Ken Lavey

MODELLING RETURN

I operate my terminus to fiddle yard layout 'Fracking', which is set somewhere near the Sussex coast, using an NCE power cab. This controls locomotives, points and signals and I use the macro facility. Setting a route from the terminus to fiddle yard involves three simple steps i.e. set the correct terminus macro, set fiddle yard macro, and finally set signal. My control panel is a computer-generated A4 sheet, which in diagrammatic form shows point accessory codes, signal codes, macros and locomotive codes. OK, it could do with a bit of tidying up, but it has the great merit of easy updating and it works. Locomotives are DCC long-numbered according to their final (BR) four digits – should the second digit be a zero, it is ignored. When not in use, locomotives are stored in two display cabinets in the same order as listed on the A4 sheet – easy organisation that even my usual untidiness can cope with! This is my first layout after a gap of over 50 years, so please be kind!

Peter Balcombe



PROTOTYPE INSPIRATION

With reference to the item on John Knowles in the May issue of BRM, I visited John Knowles in the late 1950s as a school visit and saw the 18in gauge locomotives the shed. Here are some photographs of *Jack* at Statfold Barn. The one of it in steam was taken in September, 2018 and the driver in the cab shows the small size of the locomotive.

60 years ago, whilst recovering from a serious illness, I made a model of *Gwen* in 8mm scale to fit on 12mm (TT) track. This was made from Plastikard. It is still in a box somewhere in my house, I could try and find it for a picture if you want it? As a result of this model, my brother made one in 4mm and, thinking it was too big, he proceeded to make one in 2mm. At the time, a member of the Leicester Model Railway Group said that for model locomotives with a brass dome, the dome should be made of brass and polished. So my brother made a 1mm scale model and used a brass track pin for the dome. He took it down to the club room hidden in a shoe box and said to the member concerned that he had a new model with a brass dome that needed polishing! The model is about 3/8in long. We had a photograph taken of all the models standing on the buffer beam/tank of the next largest. The wagons that went to Cadeby unfortunately rotted away.

Brian Gillespie

Howard Smith replies: Yes please Brian, we'd love to see photographs of your models! Please send them to us at brm@warnersgroup.co.uk



Start as you mean to finish



Humbrol Enamels... the modeller's standard for decades.



Discover everything you need for all of your hobby projects with the Humbrol Spray range.



Adding grime, dust, rust and weathered effects to your models is made simple with Humbrol Washes and Weathering Powders.

Visit www.humbrol.com where you'll find help and advice as well as hints, tips and product demonstration videos to get the best out of the wide variety of Humbrol products available!

PARSONS VALE CARRIAGE SIDINGS

Modelling a disappeared sidings near Bristol in a challenging space didn't defeat Rob Owst, who turned to archive material and a useful trackplan.

Words: Rob Owst **Photography:** Andy York



Factfile

Layout name: Parsons Vale Carriage Sidings
Scale/gauge: 4mm:1ft / 1:76 scale / 00
Size: 5ft x 18in (excluding cassette storage)
Era/region: 1980s / BR(WR)
Location: Fictitious (based on Malago Vale)
Layout type: Fiddle yard to sidings



31210 runs round its train and prepares to return to Bristol Bath Road TMD for servicing as 33021 waits to uncouple from its train. Class 31s and 33s were regular visitors to Malago Vale.

Head south on a train from Bristol Temple Meads and after a few miles you will pass through the district of Bedminster.

Just prior to Parson Street station lies the site of the former Malago Vale carriage sidings, which is now houses, but was once an extensive array of sidings for holding parcels and coaching stock. As a child, I regularly passed over Parson Street road bridge, and in later life worked around the corner from Malago Vale.

I have always liked the thought of building more unusual models and I've long harboured ambitions to build a Malago Vale-inspired carriage siding to use my extensive collection of coaching, parcels and motor-rail stock, but lack of space seemed to be a consistent stumbling block. Carriage sidings are rarely modelled due to the length of layout required (a rake of 10 Mk. 1 coaches occupies circa 9ft of siding space alone in 4mm:1ft scale) and Malago Vale had five loops and two dead end sidings alongside the three-track main line. To model it prototypically in 4mm:1ft scale would require an area of 30ft x 5in, which was not feasible for me as my preferred layout size is

5ft x 18in!

As part of my previous layout 'Peafore Yard' (BRM January 2016), I previously modelled part of Bristol Temple Meads station in 4ft x 6in, so was confident through selective-compression, I could meet my challenge of creating a layout that would jump out as a carriage sidings within the space I had available.

To do this I omitted the main line from the back of the layout to save room, reduced the five loops and two dead end sidings to be four loops and one dead end siding, which was just enough to portray the scale of the sidings without the layout being filled with track. Finally, I moved the footbridge, which spanned across Malago Vale, towards Parson Street with, in effect, only the front part of the train being on display, the rest of the train being off scene.

Another challenge with carriage sidings is that they suffer from a relative lack of operational movement, which is where reality comes into play again as Malago Vale had no road access. All waste from the carriages was loaded into four industrial skips, which were mounted onto a Lowfit wagon. When full, the Lowfit would be

tripped to Kingsland Road sidings for the skips to be transferred to a road vehicle. In model form, operational interest could be created through the waste wagon and fuel oil movements, as well as brake blocks arriving via rail as well. Even with these additional movements, there are still pauses in the operating sequence so it is essential that the viewer's eye has plenty to occupy them, hence the use of many cameos on the layout.

To give a final nod to the location, I chose the name 'Parsons Vale' as a mix between Malago Vale and Parson Street as all of my layouts have names begin with the letter 'P' (for reasons I am not entirely clear on!).

Under construction

Malago Vale is located on the side of a hill and I was keen to build a layout that wasn't on a flat board, plus having height towards the back of the layout would make it feel bigger. The baseboard was therefore built on a semi-open frame principle with a 9mm plywood base cut away at the front to allow the gardens to be modelled on the street below. The layout framing is built from 2in x 1in timber and, like my last layout, is built on a boxed-in basis, the sides of the box



Arriving with empty parcel stock from Temple Meads is 31401. The oil tank and water tower fuelled a steam heating boiler for warming coaches at the start of the day.



Larger spare parts were stored on the ground next to the siding for minor repairs. Pilot locomotive, 08949, sets off to retrieve a coach for servicing.



During the daytime, sleeper and parcel stock was cleaned and serviced. Facilities also existed to heat ETH stock and this has been faithfully modelled.

Suburban life

The houses at the back of the layout are cut down Airfix semi-detached house kits, these being a good match both in size and layout-wise to the ones at Malago Vale. As the real location is on a hill sloping up away from the railway, the bottom of the houses has been raised up by varying degrees.

The real houses were pebble-dashed and I experimented how to achieve the best result for both texture and colour, settling for spraying the houses brown before covering them in PVA and then sprinkling on sifted building sand.

To help the houses blend in, the backscene uses photographs taken from Google Street View. The photographs required editing to remove modern additions such as satellite dishes, modern cars and 20mph speed limit signs. Where billboards were on display, these were edited and adverts from the late 1970s superimposed.



effectively being part of the layout structure.

Once the structure was built, track was laid and in a change I decided to use the then new Peco bullhead points and track. I had previously built my own points and track and would have done the same again, but I have much less modelling time these days. I am happy with the results, especially after weathering. I needed to use a Streamline double slip to fit the trackplan, so chose to move the offices/mess room building to be in front of this crossing to hide it from view.

At the request of my friend Alan who helps me operate at exhibitions, the layout is DC but wired for cab control to enable two locomotives to be used independently, which is useful for certain shunting manoeuvres but it does add an element of unwelcome complexity into the wiring on what is a small layout. I have often been asked if I had considered going to DCC and using sound, but the cost of converting over 20 locomotives has always put me off, hence I stayed with DC.

Architecture

Many of the real structures at Malago Vale are replicated on the model and selective compression has been used to recreate the cramped nature of the sidings that were surrounded by housing. I try to avoid using ready-to-place buildings to avoid layouts appearing similar, and so to help recognition of the location, most of the buildings are either modified kits or scratch-built to suit.

The boiler house, water tower and fuel tanks that were present at Malago Vale for the purposes of heating the carriages all appear, although in a slightly different location, with the boiler house building,



which is scratch-built, being used to hide the control panel. The water tower uses a modified Airfix kit with new legs, ladder and top of tank made. As the tank was open, water was added using scenic 'realistic water' poured in over a fake base. The footbridge to the right of the layout still exists today and was scratch-built using four packs of Wills vari-girder for the main beams, with the rest of the detail being scratch-built. I find spending some time researching for older or more obscure kits rewarding as I can create structures that are unique where possible.

One ready-to-place building does appear, the office/mess room being a detailed and weathered Bachmann Scenecraft model, but it appears to have not been produced in large quantities as I have never seen another and have been asked a number of times if it was scratch-built.

Two lighting towers provide height to the scenic element of the layout and (along with

some of the buildings) have been wired into an old Hornby Controller, so I can switch the layout lighting off to operate a nighttime scene at home.

The road bridge to the left of the layout represents the three-lane section of the A38, which was one way over the main line at Parson Street and is prototypically full with traffic. Having worked in road transport all my life, a lot of effort was put into the road vehicles on the layout and all have strong links to Bristol. The container lorry represents one from the first company I worked for, which was based on Parson Street, the skeletal trailer being completely scratch-built. The Leyland tanker is based on one belonging to the Bristol Omnibus Company and is now preserved in its colours, while the blue Leyland Atlantean bus was used by Bedminster Coaches for over 20 years between the mid-1970s and mid-1990s and was a Parson Street regular.



Cameos

Extensive use is made of cameos to maintain interest when trains are not moving; these include:

- A man digging in his garden
- Two bricklayers building an extension to a house
- A window cleaner washing windows
- Washing hanging out in the gardens
- British Gas engineers discussing the location of a pipe on the bridge.

I also enjoy adding detail where I can bring some of the scenes to life. These include a garage with posters, shelves and tools over the workbench, while a kitchen is fully-modelled in the railway rest room, with taps and sink as well as a rota displayed on the wall.



D1023 *Western Fusilier* has only a few weeks left in service, so has been used for an empty stock move from Temple Meads. The scene shows how space-constrained Malago Vale was.



The layout time is assumed to be early in the morning, which was when the yard was at its busiest, so consequently the A38 in the background is packed with traffic. The bus and tanker are replicas of real vehicles with strong connections to Bristol, they are modified diecast vehicles that have been repainted and weathered using washes and powders.

The sidings were in very close proximity to the nearby houses, so it was a great opportunity to create the scene outside of the railway, but a pet hate is people who look like they are frozen in time. To avoid this, people are arranged to look like they are having a conversation (road workers on the bridge) or having a rest in the garden. I am always on the look out for figures and hand tools from overseas, or niche suppliers for something different, the tools in this case being from Noch.

08949 prepares to depart from the headshunt to commence yard shunting. The shunter has just climbed aboard the locomotive, which will shunt coaches that need repair from the yard into the headshunt. In reality, the headshunt and surrounding area was used for light repairs of coaching and parcel stock, so my aim with this scene was to create a similar feeling on the layout, hence the presence of the buffers, brake blocks and oil drums.



The advertising hoardings were prevalent around the junction due to the various sets of traffic lights, so these were scratch-built and help hide the corner of the backscene.

The carriage sidings ran parallel to two roads; the road at the back of the layout sloped steeply away from the main road and was behind a large stone wall at the junction. This is recreated in the layout using Wills stone. This was actually off-cuts from my last layout ('Peafore Yard' BRM January 2016), which was painted with Humbrol 66 then individual stones were dry-brushed with various greys and browns to create the random stone look I wanted.

I was keen to differentiate between the neat well-kept gardens and the overgrown embankment which, looking at photographs, was pretty unkempt. I am very careful in choosing quite muted colours for the ground cover, which are a mix of Woodland Scenics Burnt Grass and Light Grass for the ground cover sprinkled on top of PVA. Foliage is then added on top and is again from Woodland Scenics. For bigger bushes/brambles, I used small bits of rubberised horsehair, which is then sprayed with aerosol glue, and then I sprinkled foliage on top. The layout is set in the summer, hence the expanse of greenery.

The lineside sheds and equipment details came mostly from the spares box leftover from kits and a Bachmann diesel depot accessory set, and were carefully selected having studied pictures of the real sidings. The spare parts on the layout were only those used in the maintenance and running of the carriages, so are predominantly batteries, brake blocks and some spare buffers. My reference pictures showed items were grouped together but were otherwise just left on hard standing beside the track. The two sheds were used for storage of tools and any parts that needed to be kept indoors or easily lost (e.g. door handles), and like a lot of the buildings were not looked after, hence the damages/corroded gutter on the shed.

Malago Vale sidings

Built on the site of the former Malago Vale colliery, the carriage sidings were used for stabling and servicing of coaching and parcels stock, with a number of shunting moves during the day taking stock to and from Bristol Temple Meads station.

The facilities were basic with minor servicing, cleaning and stock preparation being undertaken in the open air. Carriage pre-heating for steam heat stock was undertaken using a static boiler taken from a Western Class locomotive. A quirky feature of the carriage sidings was they were completely land-locked and only accessible on foot or by rail. Consequently, while the majority of stock movements were coaches and parcels stock, the lack of road access to the site meant that all waste was taken away on two specially converted Lowmac wagons, while fuel oil for the train heating boiler was also delivered by rail.

Malago Vale was used extensively until the mid-1980s. The use of the sidings for coaches ceased with the conversion of the Cardiff to Portsmouth trains from locomotive-hauled to 'Sprinters', then finally closing around 1990 when the postal vans were moved to Barton Hill and the track lifted. Houses have since been built on most of the land, leaving little evidence that the sidings ever existed.

Like BR blue?
Download Traction
Magazine today
from www.pocketmags.com/traction-magazine

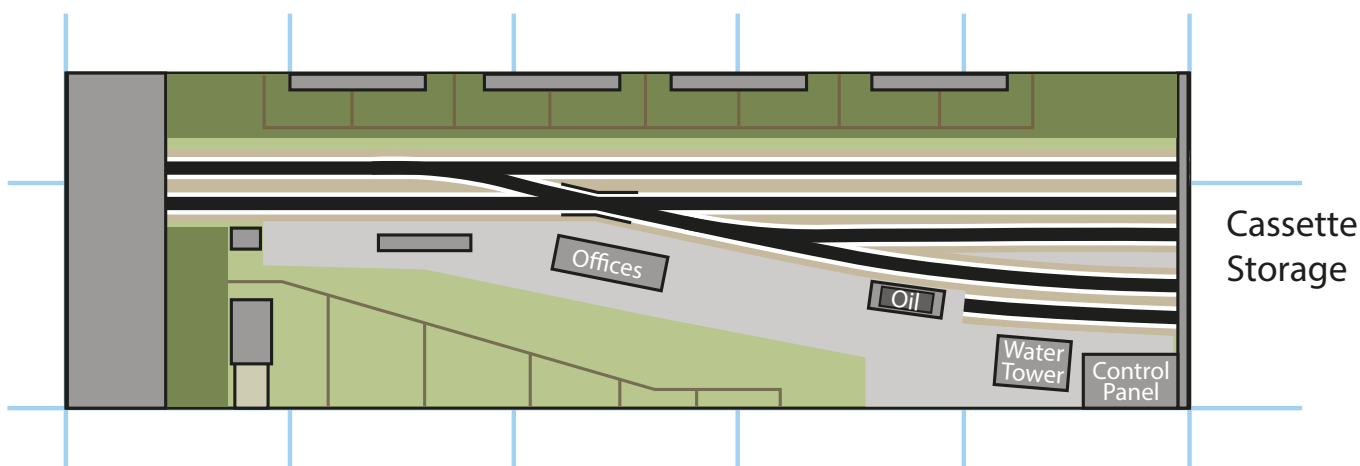


Many staff lived locally, so got to work via bicycle or on foot. The bike shed was made by my daughter when she was nine.



Trackplan

PARSONS VALE CARRIAGE SIDINGS





The gardens adjacent to the site sloped away from the track and the end of terrace house had the benefit of a garage. The home owner plants some seeds while in the background a window cleaner starts his day.



Bath Road's 47077 *North Star* arrives having worked an early morning departure from Paddington, while next to it, rubbish awaits collection by the skip wagon which was known locally as "the muck truck".

BRITISH RAILWAY MODELLING

BRM **DIGITAL**

DIGITAL EDITION EXCLUSIVE

CLICK AND SWIPE IMAGES
TO SEE MORE





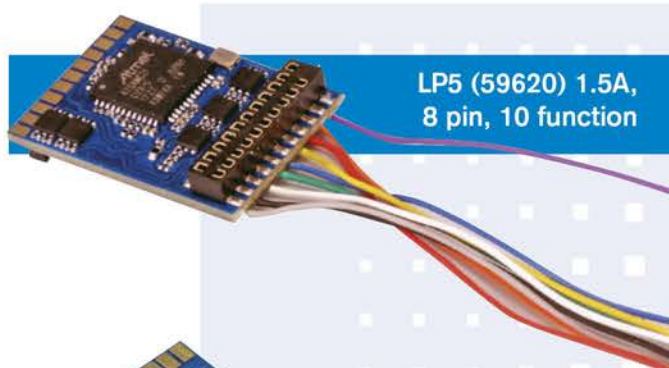


For your complete DCC Experience

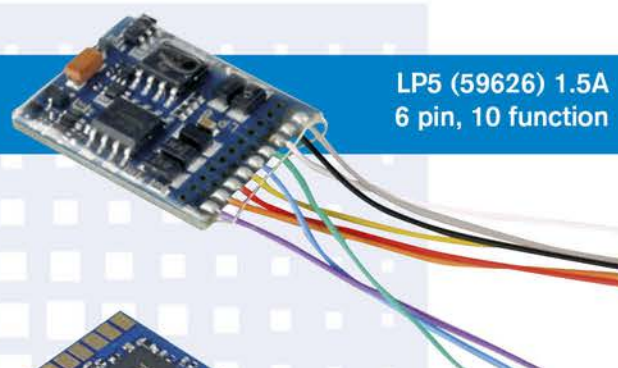
LOK PILOT

If sound is not your thing
why not pick one of these
great running decoders?

OUR NEW RANGE OF LOKPILOT V5 RUNNING DECODERS



LP5 (59620) 1.5A,
8 pin, 10 function



LP5 (59626) 1.5A
6 pin, 10 function



LP5 (59622) PLUX22
1.5A, 10 function



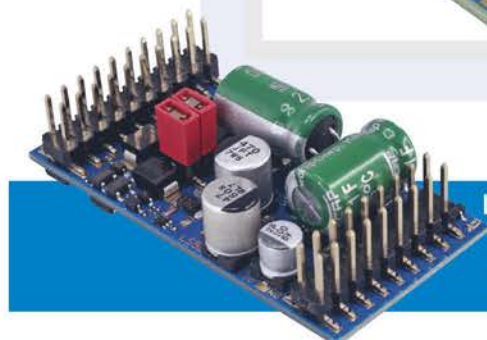
LP5 (59629) 1.5A
21 pin, 10 function



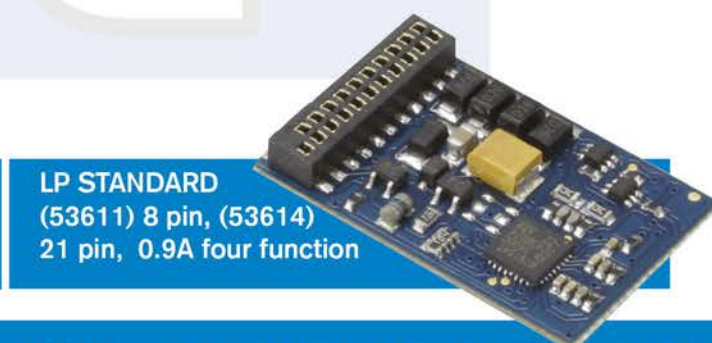
LP5 MICRO (59828)
NEXT18
0.75A, 10 function



LP5 MICRO
(59820) WIRES
1.1A, 8 function



LP5 (59315)
4A,
11 function



LP STANDARD
(53611) 8 pin, (53614)
21 pin, 0.9A four function

T: 01934 515382 • UK distributor since 2006 • See website for further details

www.southwestdigital.co.uk

The Roy Chambers Collection &
Glorious Trains
30 June
The Hornby Centenary Auction
1 July



Highlights from the Roy Chambers Collection

Our next fine train sale, Glorious Trains, includes the superb Roy Chambers Collection, notable for unusual and historic British-outline locomotives. On the following day, we celebrate the Centenary of Hornby 0 Gauge with selected fine examples and rarities, collected many years ago and fresh to market. The auction will be online only; viewing will be by appointment, following safety guidelines.

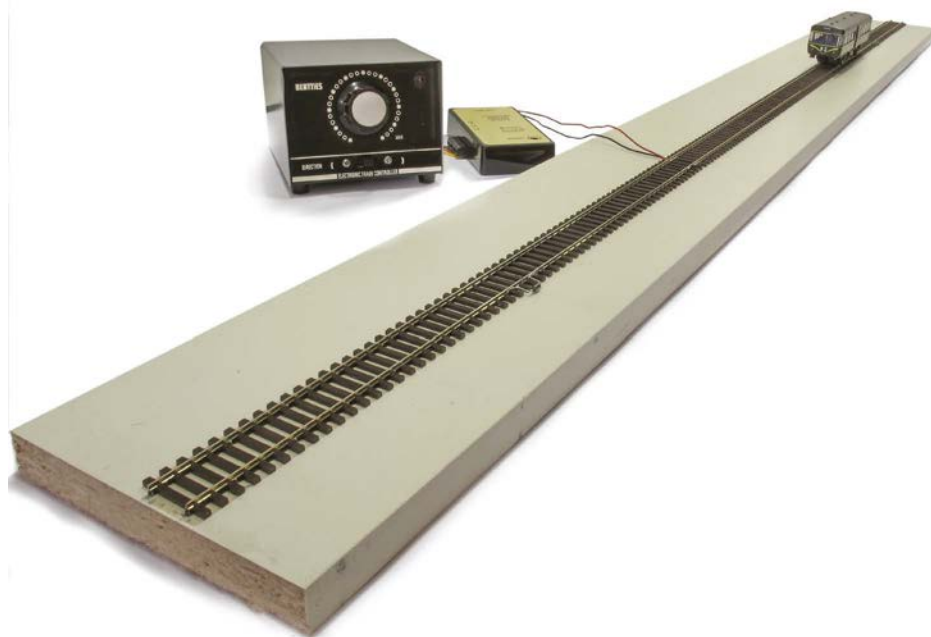
Please contact: Bob Leggett, Graham Bilbe or Dominic Foster
on + 44 (0)1635 580595 or mail@specialauctionservices.com

Plenty Close, Off Hambridge Road, Newbury RG14 5RL

HOW TO... ADD LAYOUT AUTOMATION

Words & photography: Phil Parker Graphics: Andy York

Phil Parker introduces a clever box of electronics, which can be used to reliably relieve layout operators of repetitive or less-interesting manoeuvres.



SHOPPING LIST

GMC-SS1 Super Shuttle Unit
W: www.gaugemaster.com



looking after the passenger trains into the station, without needing a tea break or moaning about being left on its own.

That was as a part of a larger model, but I think there is potential for a simple 'moving picture' style project. Something of a step-up from the Cake Box models we've been showcasing over the last few years. If your train is a single car unit, only a tiny amount of space is required. I've put a suggested plan here, but I'm sure you'll be able to come up with more ideas.

Even if electronic stuff makes you nervous, this is a quick and easy project that will entertain for a long while.

Regular readers might be surprised to learn that I don't have a layout sitting around to run the models I build.

While I own a number of them, they are packed up in storage and making space to set them up is often more trouble than it is worth.

If I want to see my locomotives run, there is a yard of track fitted to my modelling board and I have been known to sit shuffling a model back and forth. Relaxing, but not exactly stimulating operationally. What I need is something to twiddle the controller knob for me so I can sit back with a cup of tea and just watch.

The Gaugemaster shuttle unit provides automated control of a section of track. I can

set myself up a simple test track, switch it on and let the electronics do the work, moving the locomotive back and forth.

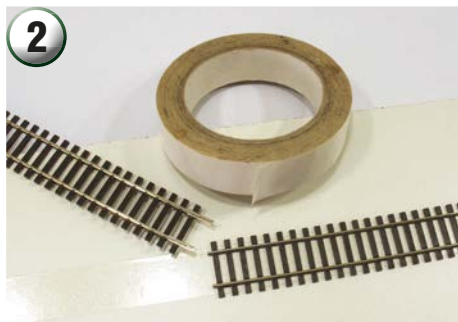
My new test track is simple, so after an hour's work, a Heljan railcar was working happily. All it took was a couple of lengths of flexitrack, a leftover piece of chipboard and an old controller. Any controller will do the job as long as it has a 16V AC output, although I'd suggest a more modern controller is better for modern motors than something older than I am.

This is a DC project – DCC users have other options to make models shuttle.

We used one of these shuttles on our project layout 'Ruston Quays' a few years ago and it worked very well as an extra operator,



In the box are some instructions, a couple of diodes and the shuttle unit. At 105 x 60 x 20mm, you'll need to find somewhere to mount it under the layout. Double-sided sticky pads or Velcro would be best for this.



My test track is a leftover piece of melamine chipboard plinth from installing a kitchen and I'm fitting a couple of lengths of Peco Code 75 track using double-sided sticky tape. This method of holding it down will also work for normal layouts if you ballast with PVA afterwards, and it avoids using track pins.



At this point, a locomotive should behave normally when you turn the knob on the controller. If it doesn't, check the connections.



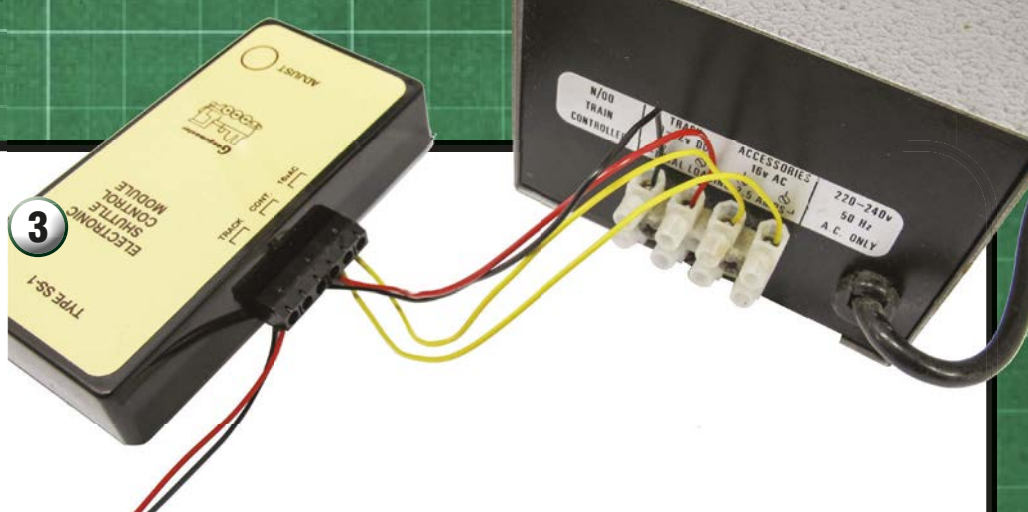
A diode is soldered to the rail, bridging the cut. These are marked with a light grey band; make sure this is at the same end at both ends of the track. If I were fitting this on a visible section, I'd use a couple of thin wires and fit the diode under the baseboard.

A little layout idea?

Using one of the Scale Model Scenery micro layout baseboards, I've sketched up an idea for a simple scene based on one I saw on the Stratford on Avon canal.

Allowing for enough fiddle yard space to fit a railcar, we would be left with a 50cm wide scenic section. Along the front of the board, I'd blank off the ends and then fix a picture frame in front of the scenic part.

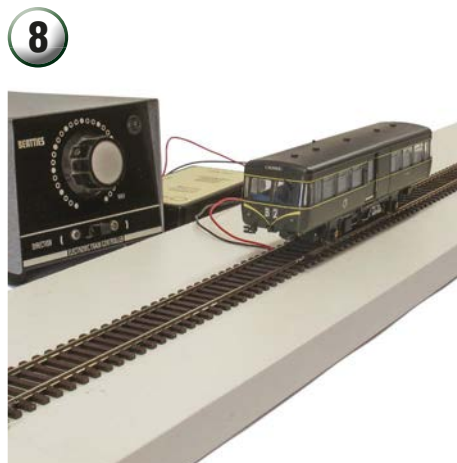
Switch it on and you have a moving, 3D picture!



The shuttle unit is connected to the 16V AC and 12V DC outputs on the back of the controller, and then to the track. Everything is clearly marked and all the connections are made using screw terminals.



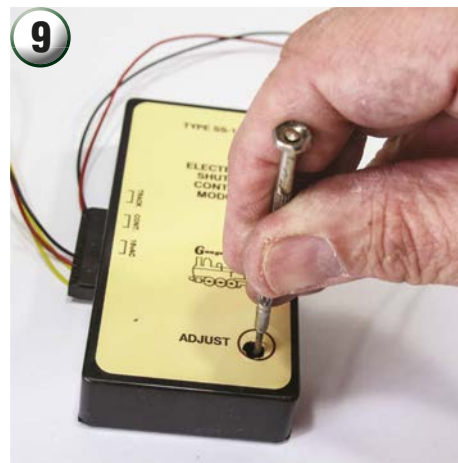
Work out where the stopping points should be at each end of the track. For modern models with all-wheel pickup, this will be a section long enough to fit the locomotive or unit in.



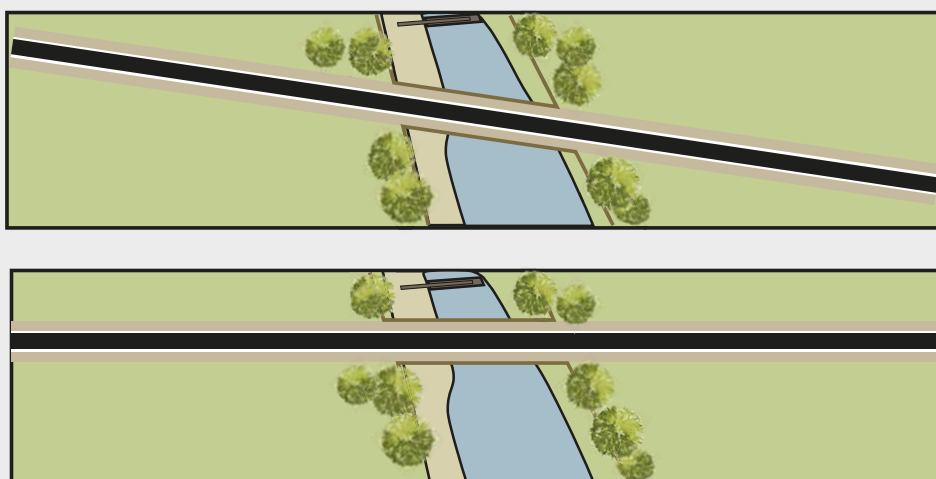
Place the model in the middle of the track and turn the power up so it moves slowly. It should run until it passes the diode and stops. Leave the power on and around 30 seconds later, it will reverse and run to the other end, where it will pause and then return.



Cut one rail with a slitting disc or fine saw. Wear eye protection if using a disc as they can shatter and the bits fly off in all directions.



Only one adjustment is possible, the delay before the model reverses. This is accessed by cutting through the plastic on the top of the box. Underneath you'll find a small cross-head adjuster, which can be turned with a screwdriver to change the delay from 20 to 70 seconds.



SHWT

Sharing a love for long-forgotten British Railways Western Region branch lines, a trio of friends created this inspired and influenced model.

Words: Richard Tucker **Photography:** Andy York



Factfile

Layout name: Shwt
Scale/gauge: 4mm:1ft / 18.2mm gauge / EM
Size (to include and fiddle yards): 11ft x 2ft 6in
Era/region BR late crest (1965) Western Region (ex-LNWR)
Location: Fictitious, South Wales
Layout type: End-to-end



Having just arrived at 'Shwt', North British Type 2, D6331, prepares to shunt its train. Coupled to the brake van the locomotive has stopped adjacent to the old platform and access bridge. These have been out of use for some time.

LAYOUT FOCUS

The 22-RB loading crane stands at a rest having loaded all four wagons. A typical drop-off freight arrives at 'Shwt' for the provender stores and coal yard.



All based in the Vale of Glamorgan, the team of Nick Rees, John Chivers and I have all been interested in both railways and model railways from early ages, John being a third generation modeller! We all have a desire to improve our modelling with each new challenge.

'Shwt' is the first layout we have completed together, although we have all been involved with the construction of other projects.

We were looking to produce a layout for public showing. Interestingly, our prime interest is in layout construction and application of new techniques. We virtually only 'play' trains at shows or during testing!

'Shwt' is purely fictitious. The design was intended to demonstrate the concept of a twin track main line, reduced to single line running and finally, truncated. Typical of the Beeching axe era, the line was gradually being reduced in importance; the passenger service removed, resulting in a simple goods delivery and loading service, and the infrastructure demolished in a corresponding time frame.

The name of the layout comes from a

small hamlet in the Llynfi valley in South Wales. 'Shwt' was only served by a small railway halt. We liked the similarity between the name 'Shwt' and the word 'Shut', which is the concept the layout is depicting.

Layout construction

The layout was constructed using 'ply' sandwich for the frames and cross members. By using softwood as 'risers' built into the cross members, the 9mm ply trackbed could be attached. By carefully controlling the measurements, the top of the trackbed was then 50mm above the level of the outer frames of each board. Styrofoam insulation board was then attached to the board frames using solvent-free grab adhesive, thus giving a flat surface across both the scenery and trackbed. Increasing the height to generate an interesting topography was simply achieved by adding layers of foam board to the base layer and then carving to the desired shape. The sand piles were constructed in this way. The foam board was then covered in plaster cloth and Sculptamold, prior to base painting and the

addition of static grass as appropriate.

The sand texture was created with fine ground white pepper. We invested in a high-powered static grass applicator (RTS Greenkeeper) and were very pleased with the results. The lineside cabinets were also CAD-developed and 3D-printed. The motor vehicles were commercial die-cast models, given a coat of matt varnish and subtle weathering to tone down their shiny appearance. The provender stores were modified and improved Ratio kits with the weighbridge and hut brass etches from Severn Models.

We wanted to build with extra depth (2ft 6in) to increase the feel of the railway running in the landscape. The downside of this is that, when crated for transport, it does create some handling issues that we needed to overcome. We also wanted to use LED lights for illumination but had become aware of the pitfalls of choosing the incorrect colour temperature for these lights. After research, we settled on 4000 to 4500k to give the desired 'daylight' appearance.

The layout was intended for public shows,



The decommissioned signal box sits next to the old road crossing which now marks the end of the line. The original double track formation is clearly visible at this part of the line.

LAYOUT FOCUS

so is stored between outings. It needs to be worked on for maintenance purposes, but being a modest size doesn't present many problems.

Rolling stock

The layout is DCC-controlled using a

Sprog 3; this is a very small DCC command station that is purely designed to be used in conjunction with a computer. At shows, we have a laptop that is running JMRI; this allows us to then use smart 'phones and tablets to control the layout including the DCC-controlled points.

We like to operate from the front of the layout and it was designed for that very purpose. It allows us to interact and talk to the show visitors so that we can explain how the layout operates and answer any questions regarding construction – it's always a pleasure!



Locomotive stock is made up of various modified and improved RTR models; modified to run on Alan Gibson and Ultrascale wheels. Wagon stock is mainly kit-built from Parkside, Dapol and Red Panda kits running on Gibson wheels. All

stock is fitted with Kadee couplings to allow for hands-free shunting. The wagon loads were constructed on 3D-printed bases that were designed with hollow centres to allow the addition of car wheel weights to add mass to each vehicle; the top of the

wagon load then being finished with the appropriate material.

Constructions

The main station building and platform shelter have been demolished with the small amounts of rubble remaining being slowly overtaken by the advance of Nature.



Sadly, 'Shwt' no longer has timetabled passenger trains, although, typical of the period, occasionally it is visited by rail tour specials exploring old lines.

The rubble remains are modelled using scale model rubble from Juweela. The cast iron footbridge is a heavily-modified rebuilt Bachmann Scenecraft model. The remains of the abandoned engine shed and the signal box base were scratch-built using foam board for the carcass, covered with DAS air-drying clay and then scribed for the stonework once the clay had dried fully. Acrylic washes were then applied to give the subtle finish desired. The station platforms were constructed using the same DAS clay finish, but using balsa wood for the structure. The platform flag stones are individually-cut laid pieces of plastic card.

Modelling advice

In terms of inspiration, the modelling of Maggie and Gordon Gravett, Iain Rice, and the buildings of Geoff Taylor are all inspirational and well-published modellers. Maggie was responsible for guiding Richard in the art of DAS carving for example – "Just have a go at it", was the inspirational line!

In terms of layouts, it needs to grab our attention. Layouts that offer something new every time you see it keeps us interested – 'Arun Quay', 'Trerice', 'The Gresley Beat' and

'Copenhagen Fields', to name a few.

Also, look beyond the railway modelling scene. We looked at models and dioramas produced by military modellers who are amazing at squeezing incredible amounts of detail into very small areas. We have made several trips to the IPMS show in Telford – it's worth a look for checking out new techniques and the latest modeling materials.

In terms of 'Shwt', we all like different parts of it for different reasons, although we all have a soft spot for the crossing gates and abandoned signal box.

Parting thoughts

Our advice to other modellers would be to avoid copying other layouts and find a prototype for everything. The internet is awash with many images of railways from all eras and depicting wide subject matter. The coal yard on 'Shwt' was researched in this way, looking at different layouts of yards and the equipment that was typically used. Some of the equipment that was not commercially available was then created on CAD software and 3D-printed; e.g. the weigh scales, scale weights and loading conveyor.

To overcome any challenge in construction, test, test and test again! If in doubt on a technique or construction, build a test piece and keep repeating until the skill is mastered – much easier to build two or three tests than rebuild an entire part of the final layout!

Don't be afraid to employ the services of other experts in their field – figure painting, for example. No member of the team is good at it, so we employed the services of Claudia Everett to oversee this aspect of the layout – superb!

If we were repeating this project, we'd probably use a different method of supporting the layout. The metal trestles we use are excellent but take up large amounts of transport space.

We regard 'Shwt' as complete now, save for any ongoing maintenance. The next layout 'Elmore' is already under construction albeit with a slightly different build team. With a scenic area of 16ft x 2ft, it will be an 'early' crest Western Region branch terminus layout. Again, as with 'Shwt', 'Elmore' is being constructed purely for public show appearances.

Watch this space...



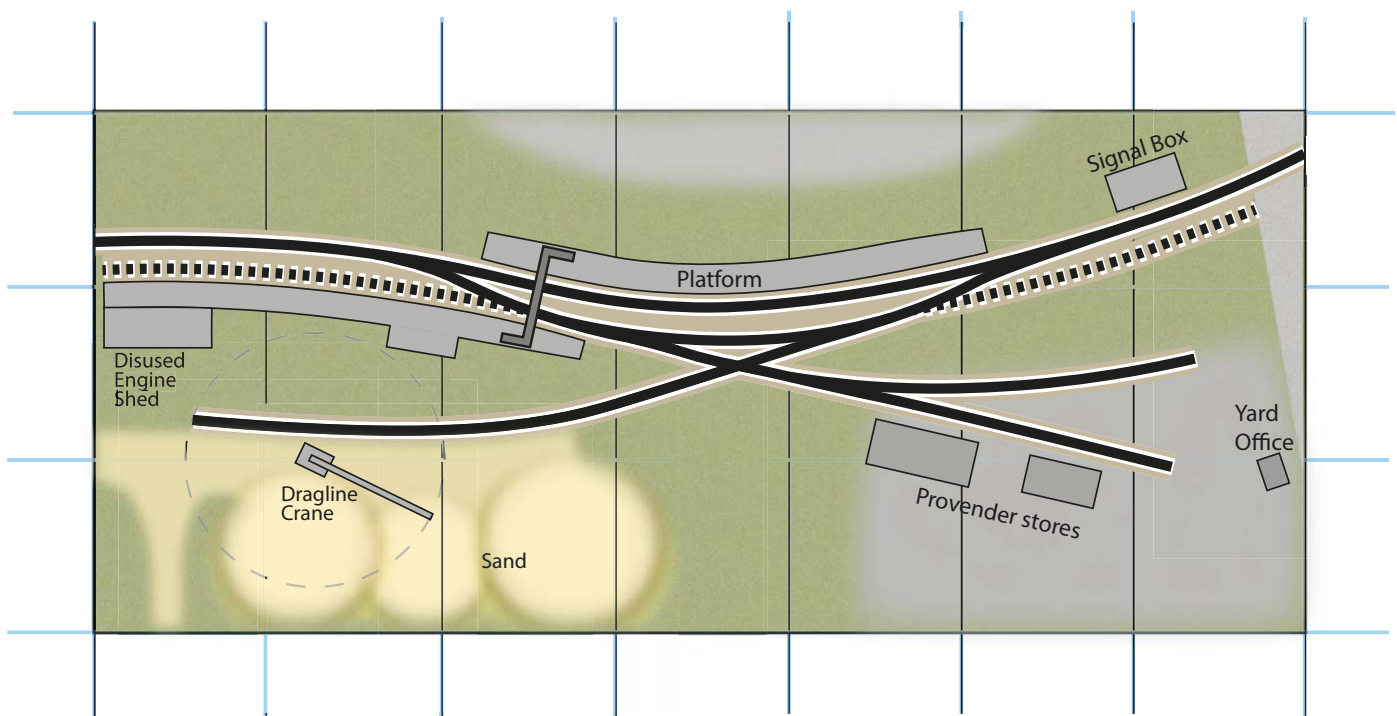
Looking down the old track bed that led to the locomotive shed. The daily drop off freight arrives at 'Shwt', while the sand wagons lie waiting to be picked up.

Viewed from the road as the rail tour departs. The amount of disused equipment is visible, from the former track bed to the partly dismantled signals and old loading gauge.



Trackplan

SHWT



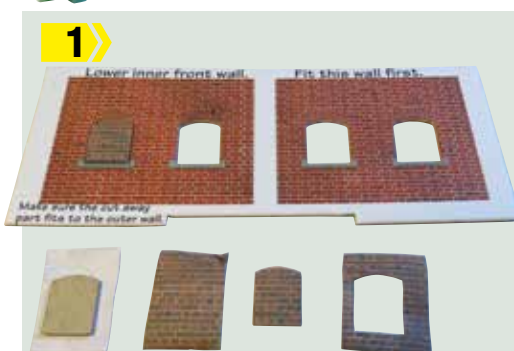
SIGNAL BOX DERELICTION

Adapting card kits can be very enjoyable as Paul Kirkup validates with this Metcalfe LNWR signal box. Here's how he transformed it to wrack and ruin...

Empty and disused signal boxes, goods sheds and station buildings became a common sight from 1963 onwards, as branch and secondary route train services became DMU operated, and staff were withdrawn from stations. Often this was a prelude to complete closure of many branch lines. With often just a basic passenger train service in operation, goods yard sidings were ripped up and single line operation instituted on former double track routes.

Even in rural areas it didn't seem to take long before redundant buildings became vandalised, starting with windows being broken and doors smashed in. Boarding them up was often only partially successful in thwarting the vandals' attentions. Lack of any maintenance resulted in damaged roofs and missing rainwater goods, then water would accelerate the cycle of decay.

Many layouts feature a signal box, but not many show them in a derelict condition. Here, I've taken Metcalfe's popular LNWR signal box kit and built it to represent one of these unloved, but still standing, victims of modernisation and Dr. Beeching. ■



Many signal boxes had their locking room windows bricked up over time. I've stuck Scalescenes brown brick to the window cut-outs and refitted them back into the front wall.



I cut the locking room door so I could model it in the open position, and I cut a piece out of the card kit base so the door would stand open.



Before I fitted the windows, I hacked them about with a craft knife to look as though the locals had been using them for target practice!



Using the Metcalfe first floor as a template, I cut a new floor from 2mm balsa. In order for the grain of the timber to run correctly for the projecting gallery planking, I had to cut several pieces which I glued together with PVA.

What we used

- Metcalfe 00 LNWR signal box and signal box interior mini-kit
- Scalescene 00 brown brick download
- Scalescenes 00 roofing slate download
- Humbrol 53 Gunmetal metallic paint
- Ronseal wood dye 'Peruvian Mahogany'
- Railwayscenics flaking paint wood print download
- Jewellers aluminium wire 0.3mm and 1.5mm
- Ratio 538 guttering and rainwater pipe fittings
- Wilko emulsion tester pots 'Java Bean' and 'Nutmeg Spice'
- Woodland Scenics Fine Turf Earth scatter material
- Jarvis Black Ash scatter material
- Jarvis Light green and mid green scatter material



I marked out the planking using a ball point pen, which will show through the next stage.



The main windows were then broken. This time I went a bit further and took out some of the timber glazing bars as well. This is hard work as the glazing material is quite tough. I found that a heavy duty craft knife worked best, but watch your fingers.



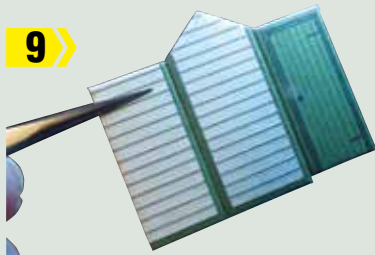
I assembled the upper part of the box, before realising I should have lined the inside walls. I downloaded flaky, white painted timber boarding from Railwayscenics.com and printed it onto an A4 size self-adhesive label, before cutting sections out and sticking them to the inside walls. I realised afterwards that the internal planking should have run horizontally, not vertically.



I did the same to the cabin floor and furniture and when all was dry I dabbed thin PVA onto the walls and sprinkled some light green scatter material. I did the same on the floor, but this time used a mix of Jarvis black ash scatter and Woodland Scenics Fine Turf Earth concentrating the debris build up in the corners and around the fittings. Adding some tiny offcuts of card, string, tiny scraps of paper and glitter, to represent broken glass, completed this stage.



I stained the floor with two coats of 'Peruvian Mahogany' wood dye, and distressed the planking with a scalpel, my fingernail and sandpaper. I then weathered the timber using watery washes of white, black and brown acrylic paint, before dry-brushing with Humbrol 53 'Gunmetal' metallic, to represent the silvery look of old wood.



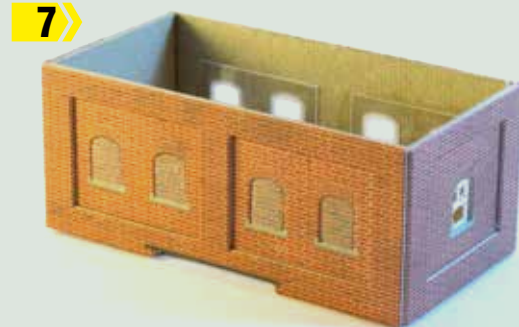
Before I stuck the main windows in the upper walls, using a very sharp scalpel I lightly scribed along all the timber planking lines, just enough to cut through the printed surface of the card. This was to help the weathering stage I will use later.



I assembled the fittings mini-kit, and made a floor from card and marked it with planking using a pencil. I used a piece of cereal box card, which happened to be brown on the non-printed side. This was cut to be a snug fit in the base of the upper storey, to keep it square. I painted the various fittings with a wash of dirty grey/brown acrylic paint, before adding some wet weathering powder to the frame, stove and gate wheel.



Now for the roof. Firstly I added a structural ridge cut from a wooden coffee stirrer, before marking out rafters on the roof which comes with the kit. I cut out the waste material to leave me with five 'rafters' on each roof slope, 2mm wide spaced 8mm apart.



The base of the box was assembled following the Metcalfe instructions.



I cut off the roof flap as I didn't need this and it would be in the way of the detail I was going to add later. I also cut the cabin door so it could be modelled in the open position too.



Then I stuck the various fittings to the floor, deliberately breaking the chairs and table leg in the process, to represent vandalism. I wanted the cabin interior to look as though the roof had been leaking. To achieve this I brushed the walls with white spirit then, while it was still wet and starting at the top, I brushed on small amounts of 'Peruvian Mahogany' wood dye. This ran down the wet walls creating streaking. Adding more dye in places suggested a concentration of water at that point. Don't worry if it looks a bit dark when wet, as it dries lighter.



This time I remembered to apply the internal planking before I fitted the roof. I'd already cut along the planking lines, so that part of the ceiling that falls away could be modelled.

PRACTICAL BRM

17»



I stuck the roof onto the upper floor and painted it with a mix of emulsion. I used tester pots from 'Wilko', Java Bean, Nutmeg Spice and black acrylic dabbed on to achieve an old, dirty appearance.

20»



The bottoms of all three doors were scratched with a sharp scalpel to remove the printed surface of the card. A brush loaded with clean white spirit was held on the bottom of each, which wicked up into the card. This was then repeated with the dark wood dye to simulate rotten water-damaged timber.

23»



The plastic staircase was tackled next. I scraped the top of each stair tread and lightly gouged them with a pointed scalpel blade to represent wear and timber grain, then I cut away bits of one or two steps and broke one completely. I also cut away one of the handrails before assembly and painted them with my black/brown emulsion mix. Dry brushing with Gunmetal brought out the highlights.

18»



In order to model the 'open' part of the roof, I added slating laths cut from 25 thou' plastic microstrip spaced at 4mm centres (3mm would have been better) stuck with UHU, and added a card overlay to the rest of the roof to bring it up to the same height. I used cereal box card for this. I also used the Metcalfe barge board spacers, but made some larger barge boards from 1/8th inch balsa and ran the laths onto them. The slating laths and roof overlay are then painted with a brown/black emulsion mixture.

21»



On the real thing, the window cleaning gallery was supported on cast iron brackets. I made these from standard office staples, bent and cut to shape before supergluing them to the wall and underside of the gallery.

24»



The final item to make was a stovepipe. I used a plastic lollipop stick, cut and filed to fit before gluing it together, but 2mm tubular plastic section would be just as good.

19»



The slates (downloaded from Scalescenes) were stuck to the roof and laths using neat PVA. Some areas were left without slates and some tiny offcuts were stuck in place to add to the air of dereliction.

22»



Final detailing then took place, using Ratio guttering and 1.5mm diameter Jewellers aluminium wire as rainwater pipes, with collars made by wrapping 0.3mm Jewellers wire twice around the pipe. Handrails across the windows were made from 0.3mm Jewellers wire glued into small holes drilled in the card.

25»



Finally, I gave the whole building a light blasting with a watery spray of dark brown and black acrylic. Then, with the spray on a finer setting, I added further weathering below windows, where more run-off occurs, and at the base of the wall, where splash-up occurs. I tried to get a rain shadow on wall surfaces where an overhang protects the wall from the worst of the rain.

Conclusion

Here's the finished signal box. I've just added a little bit of moss and other debris on the window gallery and staircase, and a few tiny, irregular cuttings from the glazing sheet to represent broken bits of glass lying around. Once the building has been fixed in place on the layout, more broken slates can be scattered on the ground below the areas of roof damage, with further debris such as bits of timber, broken furniture and other items like the signal box nameboard perhaps.



July 4th - 5th 2020

WORLD OF RAILWAYS

VIRTUAL EXHIBITION

world-of-railways.co.uk

YOUR TICKET TO THE BIGGEST MODEL RAILWAY VIRTUAL EVENT!!

World-of-railways.co.uk, the UK's fastest-growing premiere website dedicated to the latest model railway news, how-to articles and reviews of model railway products, is to play host to an exclusive event over the weekend of Saturday, July 4 and Sunday, July 5, 2020.

Free of charge and open to visitors globally, from 09:00-17:00 Saturday and 10:00-16:00 GMT Sunday, world-of-railways.co.uk will be transformed into a virtual model railway exhibition hub for one weekend only, and everyone is invited.

**TOP QUALITY
LAYOUTS**

EXCLUSIVE VIDEOS

**DEMONSTRATIONS
FROM TOP MODELLERS**

**INTERVIEWS WITH KEY
INDUSTRY PEOPLE**

**NEW PRODUCT
ANNOUNCEMENTS**

**PLUS MUCH MUCH
MORE...**



DIGITAL EDITION EXCLUSIVE

**CLICK AND SWIPE IMAGES
TO SEE MORE**



HOW TO... **MODEL A BROWNFIELD SITE**

Words & Photography: Howard Smith

Howard Smith creates an area of neglected and abandoned land, as commonly-found adjacent to railway lines in urban locations.



Of 32 original chimneys at Stewartby brickworks, just three 230ft tall examples remained on May 2, 2019. Unable to satisfy modern emission standards, the London Brick Company 1930s-built works was closed in 2008, by then under the ownership of Hanson. With demolition of the site approved, around 4,000 homes are proposed for this brownfield site. GORDON EDGAR



SHOPPING LIST



Howard Scenic Supplies

Dark Green Leafy Grass Tufts (x70)

VP5 Vegetable patches

W: www.howardscenicsupplies.co.uk

Tasma Products (00899) nettles and (00896)

Buddleia (10-pack)

W: www.themodeltreeshop.co.uk

War World Scenics

Pro Grass Precision Applicator

Static grass Dead 2mm (30g), Patchy 4mm

(100g) and Wild Meadow 6mm (100g)

Layering spray 400ml

W: www.wwscenics.com

Tools

Tweezers

W: www.finescalemodelworld.co.uk

A legacy of Britain's industrial revolution, brownfield sites stretch the length and breadth of the country, mostly centred around larger populated areas. Defined as a piece of unused, previously-developed land, which is potentially contaminated from its former use, brownfield sites can sometimes linger for decades, awaiting re-use. Britain's 'dark satanic mills' are no more, and many a brownfield site can be observed bordering railway property. Abandoned sidings



This yard was completed hastily to finish the layout for a magazine deadline, so vegetation was quickly added from a sheet by Martin Welberg. These are great for representing brambles, but I've felt their floating appearance owing to them being quickly 'plonked' can be improved.



The head is removed from the Pro Grass and half-filled with Dead 2mm grass. The extra space inside ensures room for the fibres to move around and escape through the mesh. War World Scenics' grass range blends different hues to create each colour, so fibres are subtly different in colour.



This applicator comes into its own against areas like this fence, which require careful application of fibres to prevent these from sticking where they shouldn't. It's less wasteful and there's less cleaning up, afterwards. A further layer of spray glue is applied, followed by a layer of its Patchy 4mm grass – a scale 1ft high.

could also be classed as brownfield sites and many are ripe candidates for hungry developers, particularly if their location is desirable, adjacent to a waterfront, for instance.

Creating the look of untamed, sparse and struggling vegetation as old tyres and weeds in full seed mingle, saw me turn to the internet for inspiration. Plenty a photograph can be found, but I chose one and stuck with it, taking note of the season, otherwise I ran the risk of outcries



War World Scenics is a rapidly-expanding model scenery manufacturer and retailer, specialising in static grasses and its own range of static grass applicators. This, its Pro Grass Precision Applicator, is also one of the smallest on the market – ideal for small detail work, then.



I'm using the manufacturer's Static Grass Layering Spray, too. Supplied in a 400ml can, it dries faster than standard PVA glue, ensuring that static fibres remain upright, after the static charge has been removed. It dries transparent, leaving no residue behind.



Looking from a lower level highlights the difference between areas that have received treatment in the background, versus those in the foreground, which still appear to float. Though the manufacturer produces six, eight, 10 and 12mm long fibres, I feel the grass is long enough.

as green-fingered botanists exclaim that a particular weed wouldn't be seen in flower.

I've opted for autumn here, allowing Buddleia to remain in flower, with grasses of varying heights having that typical sun-parched look.

Rather than create a scene on a new diorama, I'm enhancing a corner of a stores yard on 'Runcorn Salt Union' that looked far too clean. It's also a great opportunity to test a selection of products from various scenic manufacturers.



These water pipes on their own, surrounded by typical coarse gravel, will look better for being surrounded by static grass to create a rough patch of ground. For this, we'll need to use different lengths of grass fibres and colours for best effects.



Contrary to popular belief, a nail needn't be driven into the piece of work to attach the crocodile clip – though it's easier and frees a hand for photography! Simply holding the clip to make contact with the glue is sufficient to generate an electrostatic charge, while shaking the applicator from side to side.



Note the transformation in this photograph, taken from a lower angle, as the viewers' eyes are satisfied by more detail. The hap-hazard and irregular application of the grass is important to avoid uniformity – it's not a formal lawn. Consider adding potential pathways by masking areas of ground with tape, if desired.



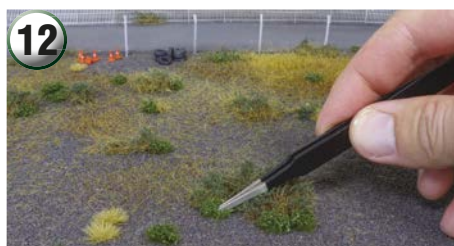
I'd recommend using a vacuum cleaner to remove stray or non-glued fibres. A cloth placed over the end can be used for recycling fibres, but you'll need to do this after each stage of application, or gathered fibres will potentially be of mixed length and colour.



Tasma Products' (00899) nettles are a little generous in scale, made from a piece of green wire, around which is twisted a string of green paper leaves. Cutting these down a little with a pair of metal shears helps disguise their height, while leaves can be straightened to lie flat.



Buddleia is commonplace around derelict sites, seeding easily. It prefers well-drained soil and roots easily in cracks or ballast. These shrubs from Tasma Products are available in white or purple colours. Since the variety 'B. davidii' is commonly-found in the UK, I'm using the purple-flowered plants.



Adding variation to the grass is required unless it's to look very uniform. I'm starting with low-lying vegetation, looking to depict weeds, which, thanks to their longer tap roots, often remain a darker colour of green after the summer heat. Howard Scenic Supplies' Leafy Green Tufts create a close impression.



The trick is to clump the plants together to achieve an impression. From a distance, they look acceptable, though closer up, the stalks appear a little thick. Partially hiding them in this undergrowth is a solution.



Brambles can be made from stands of static grass, to which 1mm static grass fibres are added, but I find pre-made rough grass sheets from Martin Welberg, sold by The Model Tree Shop, more realistic. Torn from the sheet, small parts are glued against the fence with superglue.



A soft bristle paintbrush is used to remove stray fibres from the fence, while stubborn fibres, glued by excess overspray, can be removed carefully using a pair of tweezers. The latter is a slow task, hence spraying the glue carefully in the first place is advised.



Having a self-adhesive backing means that each patch can be easily peeled and pushed into position with a pair of tweezers, hiding imperfections in the gravel, or other tufts. Making larger weeds is as simple as stacking the weeds two high, as demonstrated.



Re-purposing items designed for other uses is commonplace in railway modelling. These tufts from a vegetable patch, by Howard Scenic Supplies, make ideal weeds when pulled from their card base and affixed to the layout with a drop of superglue.



Before completing the final photograph, the model is treated to another clean with the vacuum cleaner and tweezers are used to remove stray fibres from fences. The background of Runcorn Salt Union is a little more interesting.

PROTOTYPE INSPIRATION



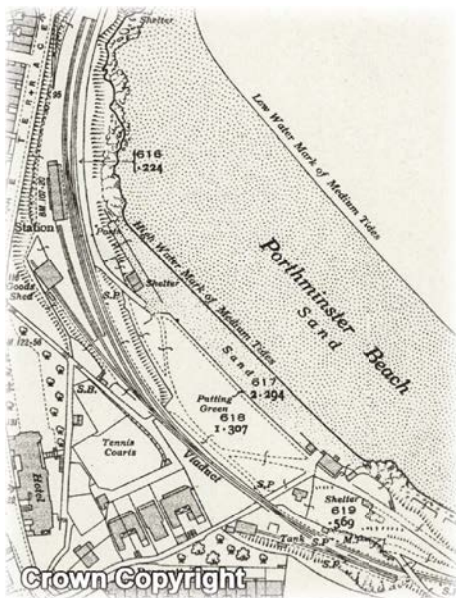
St. Ives station rests on a cliff ledge with beach below and a street above. This busy 1950s scene shows multiple services in the station bringing those heading for Porthminster beach to town.
SOURCE: COLOUR RAIL

ST. IVES

In the first of a new series, Andy York explores a variety of box room-sized trackplans, offering modellers great potential in manageable formats.

Words: Andy York





The trackplan condenses the arrangements and wraps the scenic area around two walls of the space with sharper curvature.

As thoughts turn towards summer at the seaside, we all get childhood memories of ice creams and long days when the sun always shone, so we thought we'd bring you an achievable OO gauge trackplan that can fit into an 8ft x 6ft shed or box room. If you've a little more space, the lengths of the platform and fiddle yard can be extended, so you can run longer summer excursion services.

St. Ives station, at the end of the 4.25-mile long branch from St. Erth, is not just a seaside station; the plan could be adapted for a variety of fantasy locations, but at least you know it's based on real railway practices and needs. This plan is condensed from scale, but includes all of the key features of the real station as it was until the end of steam. After steam, the runaround loop and extended headshunt was removed and later in the 1970s, the branch was further truncated to a single platform station, short of the original – far less operationally interesting!

There's plenty of content to practise your scenic techniques too, with a strip of sea and sand, beach huts, rocks, greenery, houses, roads and the chance to have a great backscene, in addition to the railway elements. The design is intended to create a wide vista from an operating position in the centre of the space, with curved corners to the backscene to eliminate awkward corners. It would look great framed by a proscenium arch in a letterbox format and supported at closer to eye level.

The track layout was planned with Anyrail software and is a minimum of second radius

at any point, so all proprietary stock should run well.

Many of the items of the stock to run prototypical services are readily available. A typical service could be condensed to two Mk. 1 suburban coaches with a 45XX Prairie tank, or moving into the post-steam era with Bachmann's forthcoming Class 117 DMU. With a goods platform that was originally used for fish and a short line into the goods shed, there's plenty of shunting interest too.

Operations

Imagine the summer's day starts with two services coming from St. Erth, connecting with different Down trains to Penzance. Accommodating the first train isn't a problem, of course, but after the passengers have disembarked, you'll need to get out of the way, ideally without taking up the run-round loop. Fortunately, you have extended headshunts available, ample for a couple of coaches. You may need to coal and water too, as the facilities are closer to

hand than at the junction, so there's some lively manoeuvres to undertake. Add in a daily goods service with some shunting to sort incoming and outgoing wagons and you won't get bored with operations.

Track components

(SL-100F), OO/HO Peco Streamline Code 75, Flexitrack x 15
(SL-E186), OO/HO Peco Streamline Code 75 Electrofrog, Right curved turnout x 2
(SL-E187), OO/HO Peco Streamline Code 75 Electrofrog, Left curved turnout x 2
(SL-E195), OO/HO Peco Streamline Code 75 Electrofrog, Medium radius Right turnout x 3

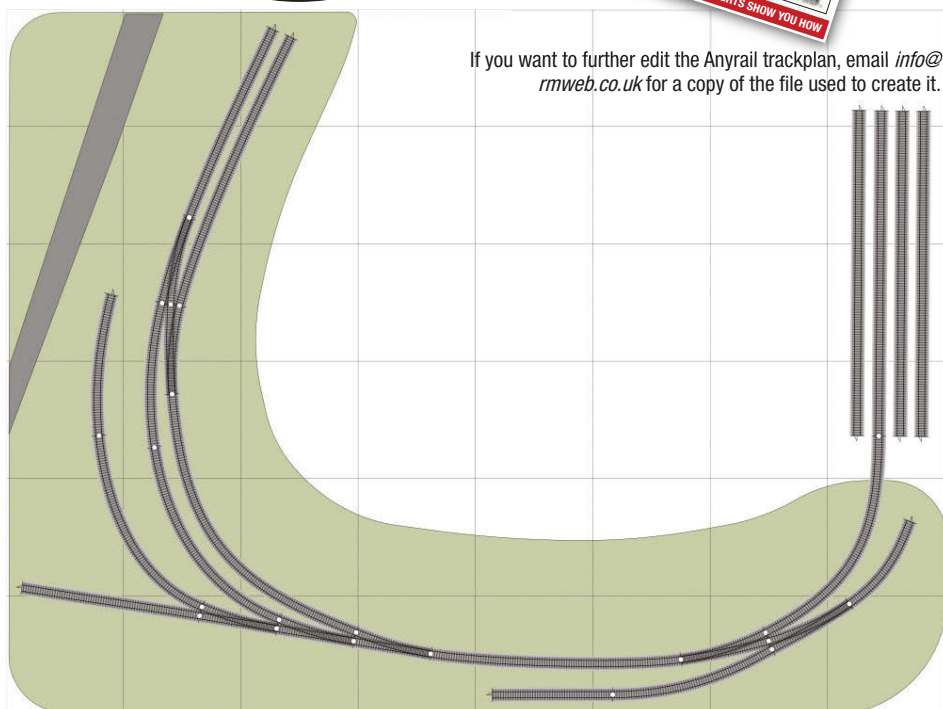
Structures

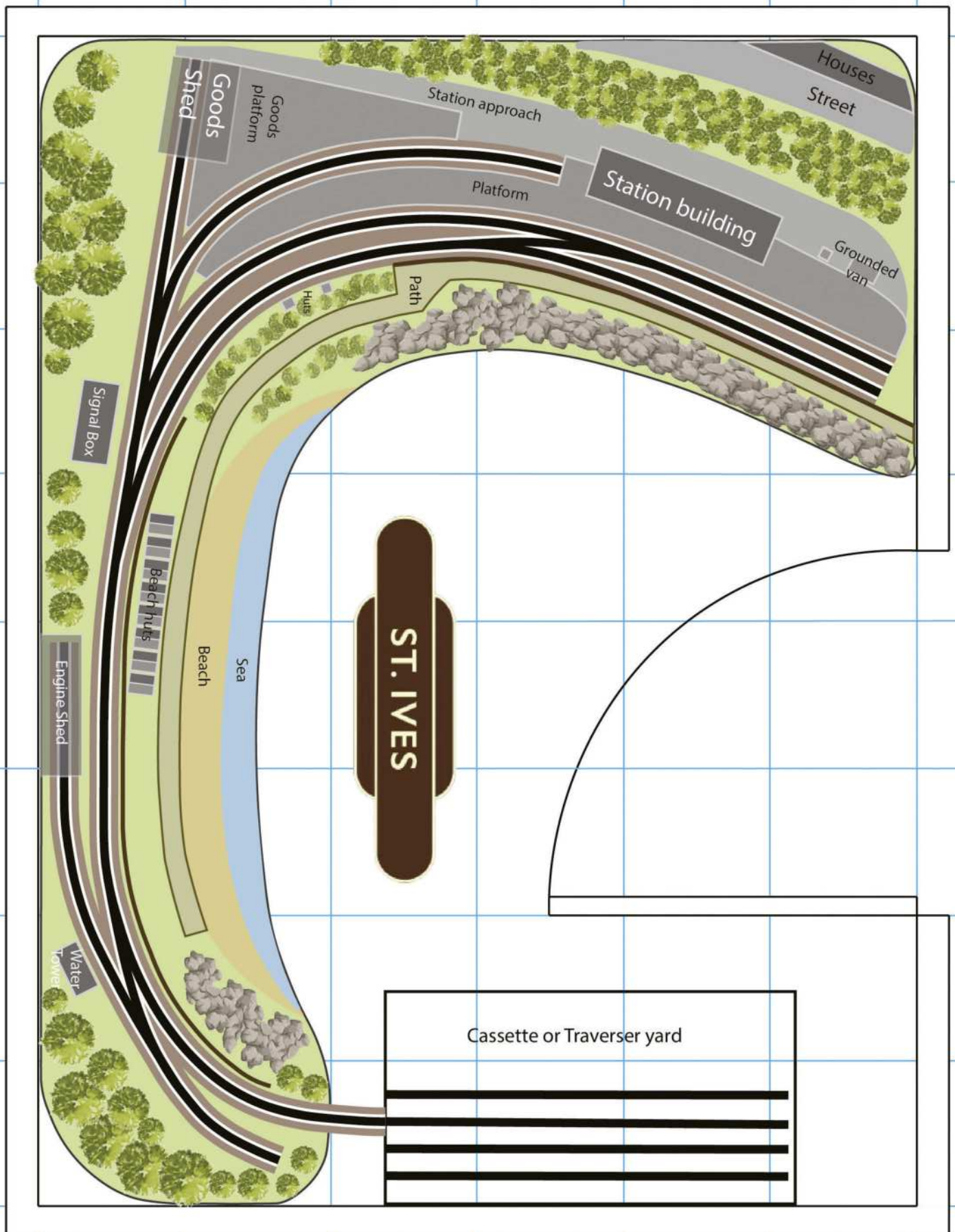
There are many suitable building structures for the station, goods shed, engine shed, water tower and signal box in the Ratio range if you are sticking with the GWR/BR(W) theme.

TRACKPLAN BUNDLE!
These BRM guides will take you through all the key steps to creating your ultimate trackplan for your next layout project. Download three issues today for just £4.99 at www.brm.ag/trackplans2020



If you want to further edit the Anyrail trackplan, email info@rmweb.co.uk for a copy of the file used to create it.

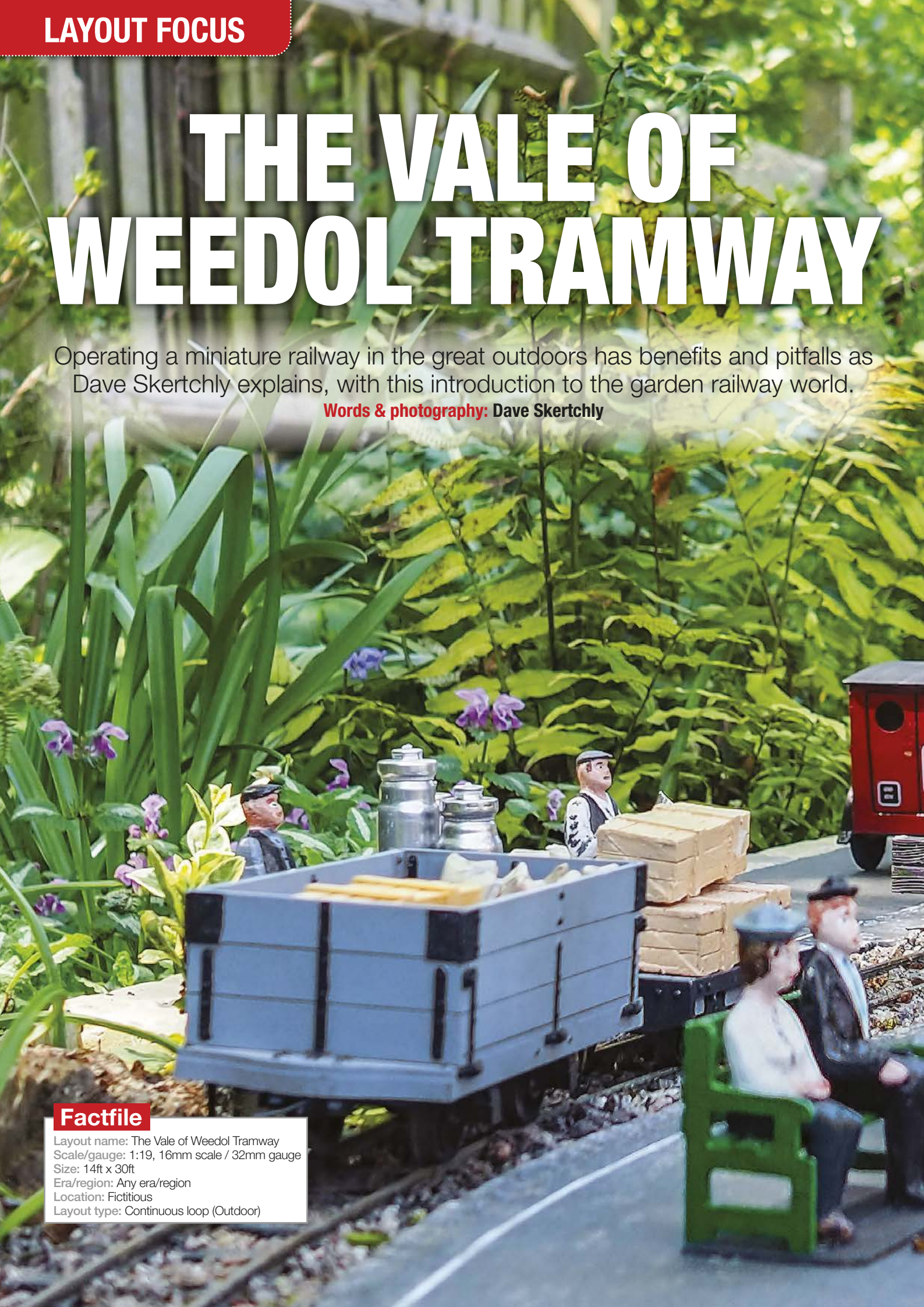




THE VALE OF WEEDOL TRAMWAY

Operating a miniature railway in the great outdoors has benefits and pitfalls as Dave Skertchly explains, with this introduction to the garden railway world.

Words & photography: Dave Skertchly



Factfile

Layout name: The Vale of Weedol Tramway
Scale/gauge: 1:19, 16mm scale / 32mm gauge
Size: 14ft x 30ft
Era/region: Any era/region
Location: Fictitious
Layout type: Continuous loop (Outdoor)



The terminus of the 'Vale of Weedol Tramway' is at Llatireggub. Passengers patiently await the arrival of the next train.

It is said that garden railways are not model railways at all but real railways on a small scale. They suffer all the real world traumas of operating a railway, from heat-buckled tracks to iced-up points. There are thousands of garden railways spread right across the world and the genre supports both a healthy press and trade.

Unlike standard gauge, narrow gauge has no standard practices; it was simply the Victorian equivalent of a dumper truck. This lack of standards is reflected in the rule book of the erstwhile Merioneth Railway Society. Rule one, there are no rules, rule two see rule one.

Nearly 50 years ago I was entranced by this incredibly undisciplined but artistic fusion of engineering and gardening. Inspiration came from Bill Stocks, who used all kinds of junk to make everything for his railway. He ignored almost every convention to produce a railway that still has an appealing charm. Later, I became intrigued by the garden at Dungeness designed by Art House film Director, Derek Jarman. Like a railway garden, it fused an industrial landscape with wild plants adapted to their dry salty environment; this garden has been recently saved for posterity. Plants are not stupid, just like us they all want a nice place to live and this is the basis of the cottage garden. I have adopted the cottage garden style for the 'Vale of Weedol' Tramway.

Measuring up

Built to the common scale of 1:19 (16mm:1ft) and using 2ft gauge on 32mm Peco Flexi track, the 'Vale of Weedol Tramway' measures just 4.3m (14ft) x 9.1m (30ft). By garden railway standards it is small and as a consequence has tight curves of just 0.7m (2ft 3in). Its dog bone shape with two opposed points gives several charming options for running.

I once, in desperation, made an even smaller railway on a patio and this simple little layout gave hours of fun with plants growing in pots and tubs.

The track length of the current line, when measured by the permanent way department with their track measuring wagon, is 24m (79ft), which amounts to 1/3 mile on the level. There are just two working sidings, the rest being out of reach so they are in fact dummies. The idea is to create a line in which the trains squeeze their way through cuttings and features, brushing aside overgrown ferns, while moss and 'mind your own business' infest the tracks so they have a rather run down overgrown appearance.

The Llangoblin Viaduct is a key feature of the tramway. The viaduct is made from glass fibre. The rust was created by a solution of iron filings in exterior-grade PVA.







Making People

I am not an artist but in retirement I want to enjoy this aspect of life that had been denied to me during years of pointless toil spent earning my living. There was frankly no chance of my making a passable figure from scratch, so I cheated. I started by enlarging a photograph of me to 92mm high to match my modest 5ft 9in height at 16mm scale. I traced around the outline and finally cut formers from Plastikard. I then filled between the formers using car body filler and carved the shape to match the formers. This completed figure was used as a blank, which I used to make a silicone rubber mould from which I could make any number of people.

Each copy blank is moulded from car body filler, or more recently from polyurethane, and is cut up and assembled in the chosen pose while still retaining the correct proportions. Then my imagination takes off. Initially, I added clothes and uniforms from shapes carefully cut from my favourite cereal packets and back-filled with car body filler, but I soon discovered that this amount of detail is unnecessary, a collar and lapels being the most useful addition. The seams and details can be

added with a marker pen.

Seated figures cannot be made in once piece so a kit of parts is moulded, which are then stuck together with superglue before filling and finishing. Alas I was inevitably accused of sexism, and this had to be put right. The female figures have real characters; Gladwys Topnote is a rather pleasant but naive enthusiast for her beloved 'Vale of Weedol'. She is the Choir mistress and Chairman of the Vale of Weedol Appreciation Society, she is the boss. She is dressed in Welsh National costume in the style of Bessie Jones, the famous station mistress at Tan-y-Bwlch and is always accompanied by the station master staff Sergeant (ret'd) Bates. Gladwy's Granddaughter Chantelle is another kettle of fish, however. She wants to become a Bollywood film star. Her phone number was much in demand among younger enthusiasts at a recent live streaming from Llatireggub.

For the most part, the 'Vale of Weedol Tramway' is populated by the usual idlers and ne'er do wells who stand around, hands in pockets, whiling their lives away carelessly smoking and chatting.

Construction of the tramway is from 95 frost-proof breeze blocks laid on their sides bought as a bargain lot by my wife Pauline, creating some consternation in B&Q in the process. The viaduct is made from a window lintel.

Glass fibre

The large buildings on the Vale of Weedol Tramway, such as the station and Lost'n Bodge Works, have to remain outside all year round due to storage space restrictions. I wanted them to be robust enough to resist the local wildlife, principally the impact with a terrified squirrel followed moments later by the impact of next door-but-one's notorious 'tom' cat in full pursuit.

I decided to make the buildings from glass fibre, the same stuff from which they make boats, which I figured should be strong and

water-resistant.

Since there will only ever be one building of each type, I make cheap single use moulds. The shape of the relevant wall of the building is cut from cheap hardboard. The block texture is created with a glue gun and the rough surface filled with cheap interior-grade filler. The cheaper the better since it needs to be soluble. The whole lot is painted with cheap interior-grade emulsion paint, also soluble and then a nominal effort at applying release agent is made. The snag with this process, as you will have noticed, is that I am working in reverse, so care is needed. For details such as windows, roofs, doors or sign boards, I make silicone rubber moulds, and cast resin parts in the same way that I make my figures.

The polyester resin that I use to make the parts is pretty exciting stuff. The catalyst needs to be added to the resin in the ratio of about 1 to 2% by weight. Get it wrong and the mixture could well catch fire, which would unfortunately raze my shed to the ground and probably upset the neighbours.

Having survived mixing the resin, a gel coat made from resin mixed with filler is applied to the tool surface and allowed to

harden. Then the glass fibre is applied to the tool and resin stippled into it.

The process is messy and the resin is smelly and toxic, so this is probably best done outside. Once cured, the finished part is separated from the tool using lots of water to dissolve the filler and emulsion paint coating. The parts are cleaned up and trimmed to shape with an angle grinder. They are then stuck together with more resin and strips of glass fibre to reinforce the joint. The glass fibre building is primed with silicone damp proof paint, then painted with exterior grade grey undercoat, often an evil mixture of several types from my shelf to get the correct colour.

Once dry, it is distressed with a pan scourer and the details added.

Rolling stock

The tramway has an eclectic collection of electric locomotives made mostly from plywood, Plastikard and scrap materials such as angle iron, cereal packets, MDF offcuts and coat hangers.

The typical story of a 'Vale of Weedol Tramway' locomotive is that of *Abigail*, an 0-6-0 Blanc Mison. The chassis is cut

from steel by hand and the body made from plywood. The boiler is made from a tube of D.I.Y store glue.

Another interesting project was *Hazel* the railbus, which was inspired by the classic AEC Regent London Bus. It was an experiment to see why 2ft gauge railbuses could not have saved the iconic Welsh narrow gauge railways from closing during the Great Depression of 1929. You can read the story in *Garden Rail* 293, January 2019.

As mentioned, most of the rolling stock is based on Glyn Valley Tramway prototypes but have been developed with non-prototypical bogie coaches that might have been built had the GVT remained open. Carriages are mostly made from a sandwich of 0.4mm (1/64in) plywood and free coffee stirrers, finished with half-round beading cut from split cocktail sticks.

There are two classes of travel, Upper class and Working class. The passengers in Upper class wear top hats or hunting pink while the rest of us in Working class wear our flat caps as normal.

A recent innovation is a delivery service operated with a scratch-built Welsh Mostyn Seven Van.

An area of lawn and a garden bench provide ample viewing space for guests.



Operation

Being a real railway on a small scale the tramway needs a real working PW department. It is fully equipped with a PW dept. diesel, a track-setting gauge, a snow plough, a track cleaning truck, and the camera wagon, which mounts a mobile 'phone for exciting onboard shots. Even Network Rail doesn't have to deal with the scale 6ft monster leaves on the line that block the 'Vale of Weedol Tramway' each autumn. Keeping the line open all year round to get the coal to the furnaces at Bedwedda is a significant but enjoyable challenge.

Operations are simple – although hit and miss – mostly hit it has to be said. The two running points are automatic and operated by the weight of locomotives passing over the trailing point, so in this way the railway runs automatically with one locomotive in steam. The two signals are simple point indicators so that I can spot a potential

conflict from my garden seat when running several trains under radio control.

Final thoughts

A garden railway can never be left alone. Every day the tracks must be checked and maintenance tasks completed. Take a short holiday and the tracks may even need digging out. There may be subsidence, lifted tracks, expansion or contraction problems; it is not unknown for track joiners to separate as they work through repeated thermal cycles.

After rain, the tracks are wet and slippery and in the autumn they are covered with slippery deposits from the trees, never mind the leaves and twigs! This is all part of the deal and part of the ongoing fascination.

With plants it is necessary to think ahead. In the winter many of our favourites disappear under the soil only to reappear in their splendour the following spring. Annuals need planting early in the spring

Five Top Tips for Winter Running



Tip 1 Build your snow plough and track cleaning wagon in the summer and have it tested ready for the first snow fall. There is nothing more frustrating than the prospect of some spectacular snow-clearing and you don't have a snow plough.

Tip 2 Set the points to a simple circuit before they freeze solid; they are almost impossible to unfreeze and if set in the wrong direction, they will prevent continuous running while you warm your hands.

Tip 3 Store the more delicate line-side scenery before the first gales of winter. Autumn can last a long time as trees shed more leaves and branches with every gale. Delicate scenery can be damaged.

Tip 4 Cover the pond and any critical areas with netting staked out well clear of the track. Rotting leaves in the pond will be smelly next spring when you have to clear it out!

Tip 5 Check and clean the tracks every time before running; enough plants grow on during the winter to derail your favourite locomotive. Culprits include Mind Your Own Business (*Soleirolia soleirolii*), ivy and moss that rapidly invade the tracks.



The collection of scratch-built battery-electric locomotives made mostly from plywood, Plastikard and scrap materials. Left to right; 0-6-0T Blanc Misseron *Abigail*, 0-4-0T Cranmore Class Peckett *Penelope*, *Freddie* the Bodgeit and Run 0-4-0 PW department diesel, *Duncan* the Metropolitan Water Board 0-4-2T Kerr Stuart, Bagnal 0-4-2T *Excelsior* and *Plonkah Wallah*, a freelance modified Triang 'Big Big Train' diesel.

16mm

The larger buildings are moulded from glass fibre for durability.



and some of the best plants are biennials and must be planted 18 months before they finally flower. Finding plants that look good in the winter is a challenge, too.

There are no downs, but the high points are surely the delight of small trains weaving in and out of the undergrowth, maybe not to fine scale, but forming a complement to the flowers and plants that have been nurtured through the seasons. My garden railway is at its best when shared with my best friends, pottering in the dappled shade of the silver birch, and looking forward to that call from the kitchen to come and enjoy a cup of tea and some coffee walnut cake.

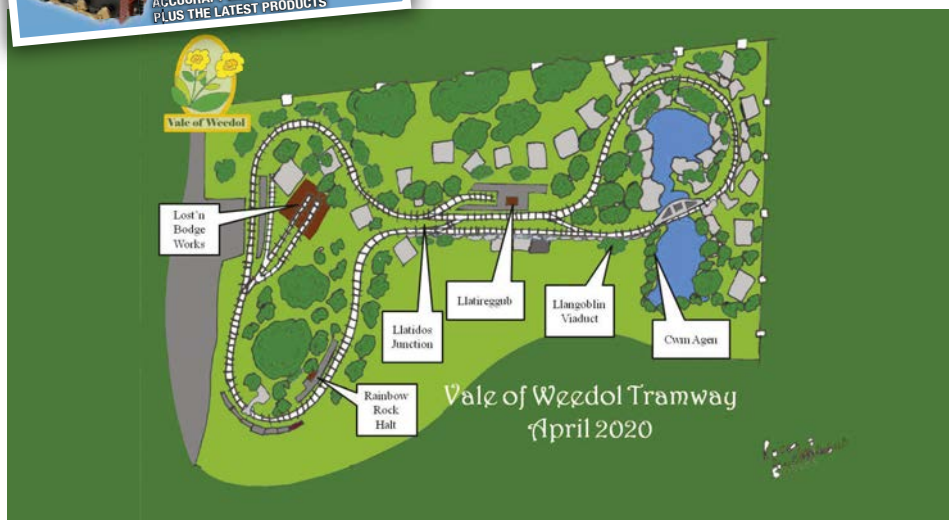
With due attention, I consider the wise question about my future plans for the Vale of Weedol Tramway. So far there has never been a plan, but in a moment of inspiration, I hit upon a great idea - how about another pint of Fine Auld Phagbutt?

Now that seems like a bit of a plan to me...cheers!

Engineering work is centred on Lost'n Bodge Works. The water tower and coaling stage are made from glass fibre.



Catch up with Dave Skertchly every month as he continues developments on the Vale of Weedol Tramway in Garden Rail. Subscribe today at www.world-of-railways.co.uk/Store/Subscriptions/garden-rail-magazine







DIGITAL EDITION EXCLUSIVE

**CLICK AND SWIPE IMAGES
TO SEE MORE**



GARDEN RAIL SPECIALISTS

Dream Steam
www.dream-steam.com
01622 793 700
sales@dream-steam.com

We stock extensive ranges of Roundhouse, MSS, Mamod, Slater's, Bachmann & Peco Products!

Call to Request your FREE Catalogue today!



Dream Steam Ltd, Ground Floor Suite, Vanguard House
Mills Road, Aylesford, Kent ME20 7NA.

SIMON'S TRAINS

The Holsworthy model shop offering a first class service

Simonstrains.co.uk

HORNBY **PECO** **BRAND NEW WEBSITE** **HELJAN** **dapol**
OO, OO-9, HOe and N New and Secondhand
Plastic kits Balsa Wood Paints, glue and more! **GRAHAM FARISH** **AIRFIX**

01409 255510 Open 10am - 4pm Tuesday to Saturday 07711 387621

6 Bank House, Chapel Street Holsworthy, Devon EX22 6AR



BOLE LASER CRAFT

Web: www.bolelascraft.com Phone: 07900 995164

1/20 Scale Engine Shed Kit

Laser cut plywood kit of a single road engine shed. Includes 3D printed details and vacuum moulded roof. Note office can be placed on either side of main building. Dimensions: 35cm long, 33cm wide, 25cm tall Door 13.5 cm wide, 16 cm tall



Remember if you don't trust the Internet you can always order on the phone!

Kits include everything needed except glue, paint and tools.

CAMBRIAN

16mm Narrow Gauge
www.cambrianmodelrail.co.uk



NB4 "Fox" Victoria Railway 3' 6" wheelbase Wagon Bogies £7.99 + £1.50 p&p

4 more bogie types and over 40 other components for detailing wagons, coaches and locos including our popular rivet heads and nut/bolt heads.

No VAT for orders delivered outside the EU
Over 100 4mm Wagon kits from many eras are also available
Send C5 SAE or email for either list.
cmr@cambrianmodelrail.co.uk
01322 515672 2pm-4pm
PO Box 85, Greenhithe, Kent.
DA10 9DN

Putting you on the right track.....



BRUNEL
MODELS

- models made to any scale
- bespoke design & build service
- easy build kits available on-line
- fully weather proof (not resin)

Brunei Models
304 Wellington Street, 2nd Floor, Wellington NG10 4JL
Tel: 01930 408 757
www.brunelmodels.co.uk

Contact us now for a free quotation!

PIKO

A Complete G Scale System

TRACK - LOCOMOTIVES - COACHES
WAGONS - CONTROL - BUILDINGS



PIKO products are available from your local model shop or in case of difficulty, from **GAUGEMASTER.com**

DYLCOM MODELS

We specialise in 1/32 scale vehicles, props, scenery and much more



mercedes319d@gmail.com
T: 07980211634
www.dylcommodels.co.uk

GARDENRAILWAYS.CO.UK

GARDEN RAILWAYS LTD.

UK agent for REGNER
Live Steam, sales,
parts service and repair
Supplier of Quality Model
Railway equipment for outdoor
use and modelling tools.

graham@gardenrailways.co.uk
01279 831641 / 07836 293337
www.gardenrailways.co.uk

Kent Garden Railways

16mm & G Scale Specialists
Whether its live steam,
battery or electric for your
garden we have the stock
to get you going

66 High Street, St Mary Cray,
Orpington, Kent, BR5 3NH

01689 891668
sales@kgrmodels.com
www.kgrmodels.com
Shop open 0900-1700 Tues-Sat

MAXITRAK.COM

Tel: 01580 893030
Email: info@maxitrak.com



3 COLOUR CHOICES

5" PLANET

P4S Hobbies & Models



PREMIER
DEALER

50 Years

For all your Garden Railway needs contact us on:
01904 611761 • 01723 377020

MegaPoints Controllers

Awesome layout control system

Control your model railway points from one or more tactile control panels

- NO SOLDERING! *It's all plug and play!* ✓
- Uses a single cable between each control board.
- Includes optional **feedback display** to show the position of your trains as they move around the layout
- Optional **bespoke professional mimic panel design** service.
- Control servos, traditional solenoids, stall motors and relays.
- Works with **analogue and digital** layouts.

See website videos and product pages for more information.

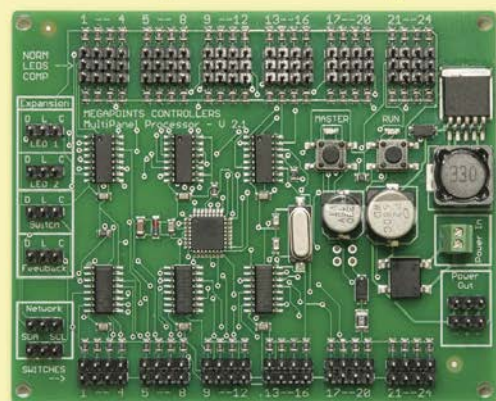
Our MultiPanel or MiniPanel control boards do it all!

A single cable connects each control board together and operates in BOTH directions for feedback display.

Plug-and-play, NO Soldering for control panel hookup. Cables and buttons available pre-wired with plugs attached. See our new website for details.



Your bespoke mimic panel



Size 8cm x 10cm

1. Plug in LED cables
2. Plug in switch cables
3. Connect to control boards
4. Press buttons, start using!



Web & details: megapointscontrollers.com

Rev: 18-03

CRANE

GARDEN BUILDINGS



THE PERFECT LOCATION FOR A MODEL RAILWAY

Our buildings are strong and robust, built with the highest quality timber, and can be tailored to suit your needs.

By tailoring the building design to your exact requirements, we can give you a building of the perfect size, with each feature precisely where you want it. Our sheds and workshops can also be fully lined and insulated, with electrics, allowing for year-round use. To find out more, please visit cranegardenbuildings.co.uk.



SHOW SITES
ACROSS THE
COUNTRY

HANDMADE
BY SKILLED
CRAFTSMEN

FREE
DELIVERY
& installation
nationwide

Sheds | Workshops | Summerhouses | Garages | Studios | Telephone 01760 444229

HOW TO... BUILD A STONE WAREHOUSE KIT

Words & Photography: Phil Parker

Phil Parker investigates a new range of laser-cut kits, ideal for modellers with ambitions of industrial grandeur.



Finding a new manufacturer in our hobby is always a joy, and when the owner of JS Models got in touch to tell me (via **RMweb**) about his new range of laser-cut buildings, I couldn't wait to take a look.

We are well supplied with kits made this way, the difference here being the range covers big buildings – warehouses and factories – not huts and houses. As a firm fan of the industrial scene, I love these buildings. Why bother with a backscene when you can use honking great buildings to hide the background?

The kit arrived nicely packed in a cardboard box. All parts are cleanly-cut and there are a surprising number of laser board sheets. Examining the instructions,

the reason became apparent – all the walls are two sheets of material thick. That's going to make for a strong model that will happily stand up to the rigours of the exhibition circuit, or just the handling by a clumsy modeller. At this point, I should make it clear that I haven't tested this by dropping the model off my workbench, but it's unlikely to be damaged by a fall.

One problem is that, while laser board might be ideal for laser cutting, it is very smooth and slightly shiny. Even the dressed stone the surface purports to be has a little bit of texture, so the biggest challenge I could see was adding this.

Handily, I'd been supplied with a reject wall to experiment on. I tried using a rolling pin to force coarse sandpaper into

SHOPPING LIST

JS Models

(JSM02) Medium low-relief warehouse

W: www.jsmodels.co.uk

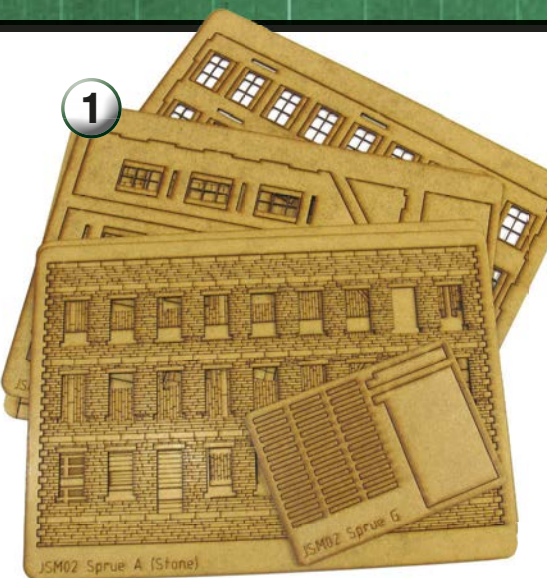


the surface, but it didn't leave a mark. A hammer was no better and even worse, left dents. I was going to have to do this with paint. After a few attempts I managed to do the job with a mix of paint and D.I.Y. store powdered wall filler. It's subtle, easy to do, very effective and could be used in many different places on a layout.

The finished model measures 280mm wide, 70mm deep and 215mm high, big enough to fill a decent section of layout providing industry to justify those goods trains. Assembly takes a couple of hours if you don't paint it, putting the strips of roof slates on being the longest job. Decoration will at least triple this, but it's time well spent and needs to be spread over several evenings to let the paint dry. It's all pleasant though, as part fit is excellent.

If you need a big building for your layout, the JS Models range is certainly well worth a look. The warehouse is available in both brick and stone finishes and appropriate for any layout from the Industrial Revolution onward. Even a modern image model could find a home for one, reborn as a set of apartments!

1



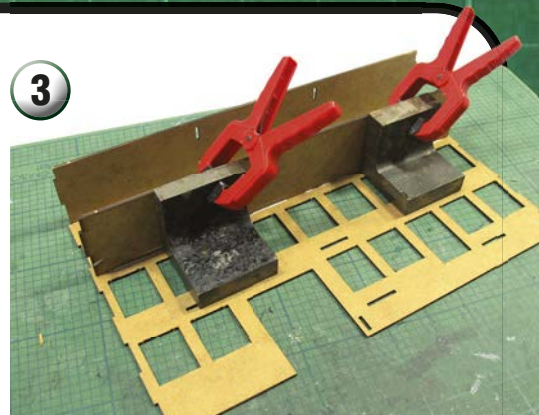
Opening the box, I find several laser-cut sheets of 2mm-thick laser board, a sheet of ready-cut card slate strips for the roof and some glazing material. Several pages of instructions with nice clear diagrams are also included.

2



To make painting easier, the windows are released from the inner walls. I find a heavy craft knife cutting the retaining nibs from the back (non-shiny) side of the sheet works quickly and effectively. Use a sharp blade as there is a lot of this sort of thing to be done.

3

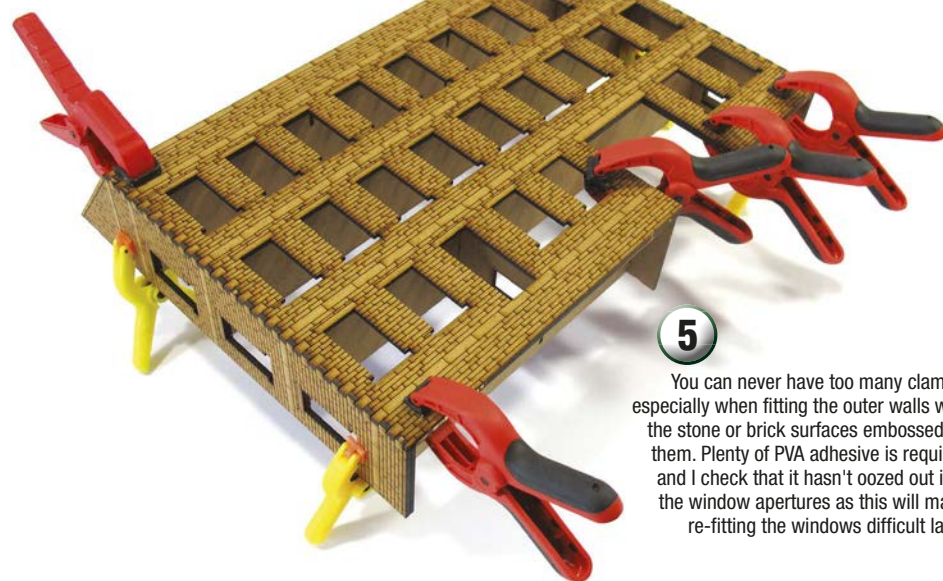


Construction starts by attaching the floors to the inner shell with PVA glue. Everything slots together and I'm using some angled supports to hold them in place while the glue dries.

4



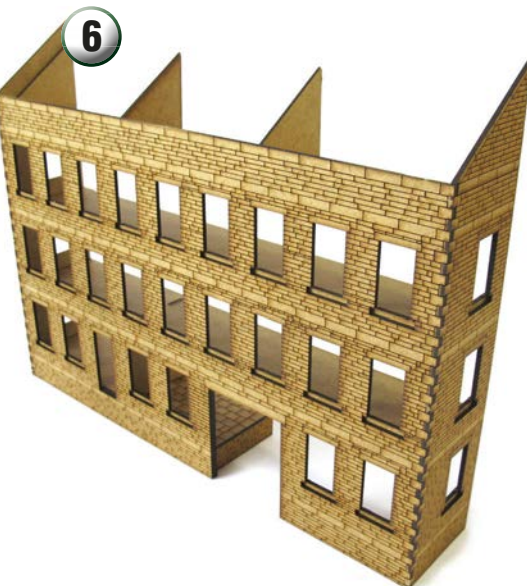
Once the floors are in place, the ends are fitted – and the inner shell is complete.



5

You can never have too many clamps, especially when fitting the outer walls with the stone or brick surfaces embossed on them. Plenty of PVA adhesive is required and I check that it hasn't oozed out into the window apertures as this will make re-fitting the windows difficult later.

6



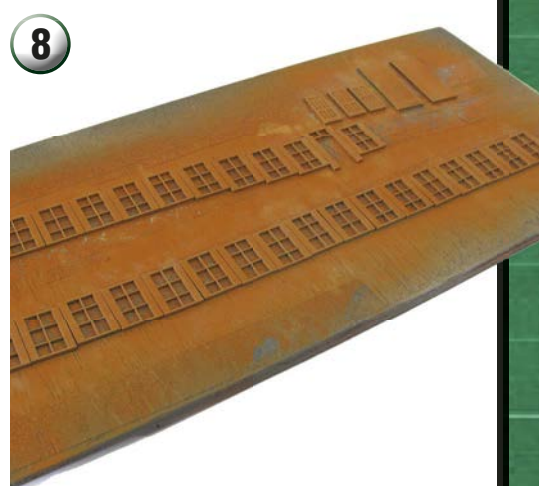
The outer shell needs a little bit of sanding with a fine grit paper on the corners to flatten back the quoins at the corners.

7



Sills are fitted with a little bit of PVA. A Metcalfe Models fine tip glue applicator is ideal for the job. Again, check the inside of the window gaps and remove any excess with a cloth or small screwdriver.

8



To paint the windows, I fix them to a board with some double-sided tape. After a coat of primer, they are sprayed with a mid-brown colour and then dry-brushed with a lighter shade. It's a lot easier to handle large numbers of components that will all end up the same colour this way. A sharp knife is slid under the windows to release them when the paint has dried.



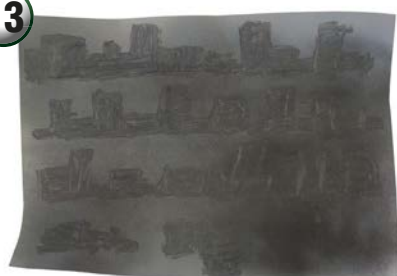
9

Steps are made up from a sandwich of eight components. Lining everything up as accurately as possible should reduce the sanding and filling required later.



All the windows are glazed using strips of the clear plastic provided. Using a clear drying adhesive such as Glue'n'glaze avoids any chance of fogging the glass with glue fumes.

13



Seeing through the building ruins the realism, so I take a sheet of paper and spray it randomly with grey and black paint. Then some boxy shapes are marked on with a marker pen. Once fixed on the back of the model, these will give the impression of some sort of interior without the bother of building one.

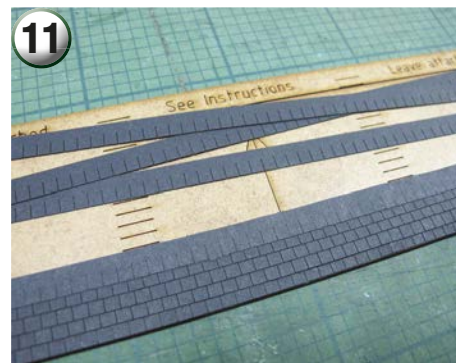
14



Square section plastic strip makes suitable industrial downpipes. The hopper at the top is a fatter piece of plastic, sanded to shape.



Inside the door there is the option of a road or inset railway surface by the loading bay. I've used the road version, which is a single part that slots into place after painting. If you prefer a rail-served warehouse, you need to provide your own length of OO gauge Code 75 or 100 track.



The roof is marked up to make the process of sticking the laser-cut slates in the correct place. Note that the strips of slate are supplied in two spacings so they line up with the correct stagger. Once all the strips are fitted, the top edge of the board is trimmed back, again following a guide, painted and the roof stuck in place.

Transforming laser board into stone

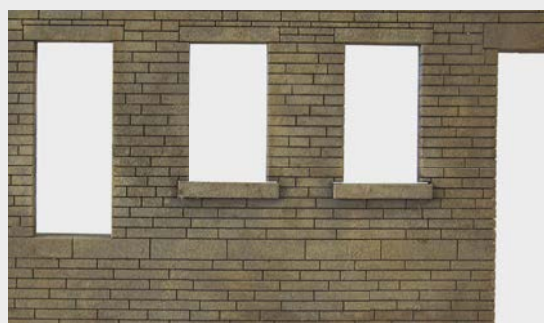


1

Car primer is sprayed onto the model. Holding the can a few inches further away from the surface than the instructions recommend ensures the paint is slightly dry when it lands. This way it doesn't settle smoothly, but gives a little texture.

2

Starting with Phoenix weathered concrete paint, followed by Humbrol pale stone and light grey, colour is splodged on using a small sponge. This adds more texture and the mix of shades looks more natural than painting individual stones. It's a lot quicker too!



3

Once the paint is fully dry, a wash of Railmatch acrylic track colour paint is wiped over the surface with some kitchen towel.

4

Powdered DIY wall filler is rubbed in to all the mortar lines and then misted with water from a small spray. On some areas, it took a couple of applications to fill the lines properly. Wipe the stone faces clean with your hand, but don't worry too much, any tiny amounts will add more texture and blend the colours.





BRM TV

BRITISH RAILWAY MODELLING

DIGITAL EDITION EXCLUSIVE

Stone Warehouse Practical

Phil shows us how he developed a method for painting stone walls on an MDF laser-cut kit.

EXCLUSIVE

WATCH THE VIDEO HERE

(You must have a wifi connection to stream video content)



The Makers

MODULA LAYOUTS

If making baseboards isn't your thing, leave it to the professionals. Phil Parker meets Stephen Reed from Modula Layouts.

At least three times a year, a couple of new faces appear at my local model railway club. A middle aged couple - he will be recently retired and his wife has spotted that something is needed to replace the daily trip to work. His interest in railways has resulted in a collection of models, but the chances are no efforts have been made towards building a layout to run them on.

What we have is a beginner who wishes to embark on a project, but finds the prospect of learning a lot of new skills in a short time and later life daunting. We've all been there. For some, the challenge is part of the appeal. Others find themselves stumbling at the first fences. Either the carpentry defeats them, tracklaying isn't quite as easy as it looks or wiring quickly

becomes a maze of coloured cables that don't deliver electricity where it's wanted. It all seems a lot of trouble when all you want to do is run trains.

I thought of these couples when I met Stephen Reed in his Billericay workshop a few weeks ago.

Like many cottage industries in our hobby, the Modula Layouts nerve centre is a large shed at the bottom of a garden. Inside, my first impressions were of a very well organised workspace with the main tools to hand and neat racks of materials. The middle of the room was home to construction of a display version of the standard layouts the firm is named after. Along one side I spotted some baseboards for a **BRM** project, which we'll look at later.

Stephen isn't a lifelong railway modeller, coming to it recently after a career that started as a plant designer for Thorn when the UK made televisions instead of sticking badges on Chinese-manufactured ones. Following this, professional photography took over, which in-turn developed into publishing with several Air Malta holiday brochures to his credit amongst other work.

Model railways began for Stephen in 2011 when he became involved in setting up the Billericay Model Railway club and the construction of its first layout, 'Rusbury Basin'. Some of the funding to do this came from building a layout on commission, which was the catalyst for setting up Modula Layouts three years ago.



Consistent construction is greatly helped by a selection of home-made jigs, carefully stored in the rafters of the workshop.



Bolting the boards together makes use of bolts fitting into captive nuts and Modula's standard alignment pin and sockets. These are claimed to be more accurate than other methods. It makes laying track easier and saves messing around aligning rails at exhibitions.

To many people, these layouts seem little more than posh train sets, but that overlooks a critical fact – we all like to see something moving. For many people, an oval with a few loops and sidings is all that they aspire too, and there is nothing wrong with this. Initially it provides a great deal of pleasure. Later, the owner can stamp their own ideas on it with scenery and buildings. Despite being a standard plan, no two models will end up looking the same.

STANDARD OR CUSTOM?

Modula Layouts can manufacture standard layout boards or create bespoke designs. Many want to see trains running, so its basic layout is ready to use, built on a high quality baseboard. Track is laid and wired, with everything else left to the owner to complete.

Its N gauge module called 'Station Approach' has a few loops with crossovers and a siding on each side. This can be extended by plugging in a 'Goods Central' module, which adds an extra loop and sidings. Each board measures 4' x 2' 6" to accommodate medium radius points and therefore a good range of rolling stock.

Stephen felt that a OO gauge version would be too large, so a series of linkable

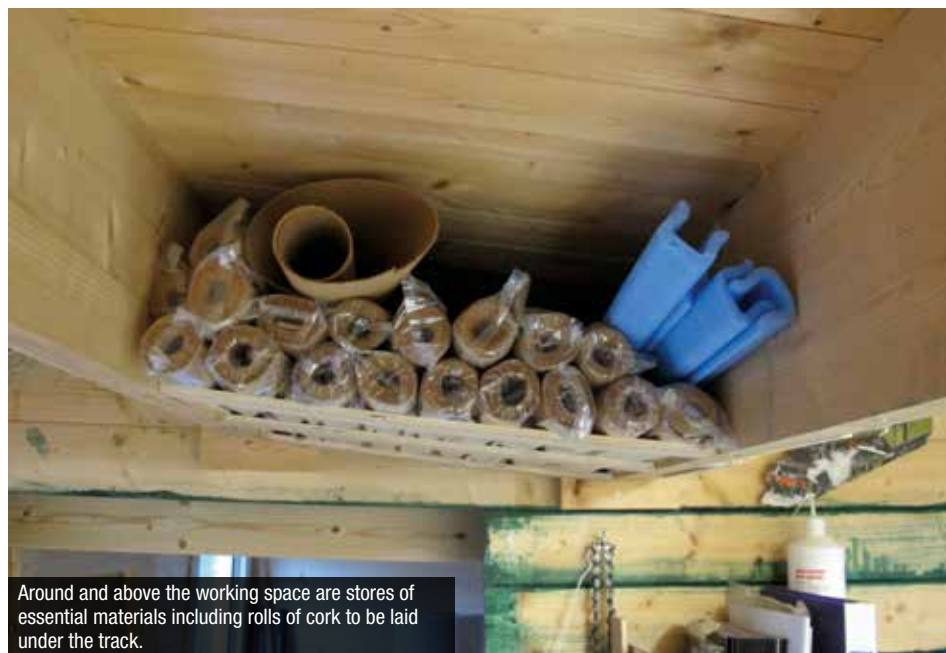
with layouts in stock, you can order a board and expect it delivered by courier within a few days. You can't ask for more of a kick-start to your hobby than this

modules was developed to produce a continuous run layout. The first, 'Maybank Rise', offers a potential end-to-end model with a terminus station and fiddle yard. However, OO gauge customers asked for a version of 'Station Approach', so this was launched at the BRM Alexandra Palace show this year.

Appealing as a single 8' x 4' baseboard might appear, moving it around a house is

impractical, so it needs to be split down into manageable sections. Designs are influenced by a desire to stay above minimum curve radii for best running – 24" in OO and 15" in N.

All boards are made from marine ply. Softwood isn't used as it's unstable and these boards are designed to last for a long time. Woodcutting is carried out in-house, or at least in a new extension to the shed. It was originally handled by another company, but the accuracy wasn't good enough. Fixing a board that isn't square takes longer than cutting it from scratch, hence a recent investment in a vertical panel saw. There's no laser cutting – the work is more akin to traditional cabinet making.



Around and above the working space are stores of essential materials including rolls of cork to be laid under the track.

Custom creations in five steps

If you're more ambitious, a bespoke layout can be built to your exact requirements.

- Discuss your requirements with Stephen
- AnyRail software is used to create a plan for your approval
- Boards are built
- Track, wiring and scenery can be supplied if required
- The layouts is delivered by Stephen who helps install it



Station Approach is the standard N gauge module, here laid and wired on a single baseboard.



projects. Ordering ahead is crucial because time is money - spending days waiting for deliveries is a bad idea. Filling the limited workshop space with layouts awaiting parts doesn't make sense.

Building layouts commercially needs a different approach to those of us for whom it's a hobby. Stock control for components is vital. The racks of track, point motors and other electrical supplies I saw when I entered the workshop are for the next three



At least three projects worth of materials are always in stock, all tidily stored on special racking.

Looking for ideas to improve my layout building, the first surprise was that construction involves a nail gun used to pin boards together while the glue sets on the joints. It makes sense because you can work single-handed and it's easier and quicker than waving hammers around.

Another tip is that while glue is only spread where the track will be, cork sheet initially covers the entire board. This is then cut back as required, resulting in a neat finish. To provide a guide for the glue, and to make sure everything fits, the plan is printed out full-size on many sheets of A4 and stuck into place on the baseboard. It's much quicker to do this than find out you need to move track when pinning it down later.

Most layouts require several baseboards to be accurately aligned and pattern makers dowels have been popular with modellers for years. Stephen doesn't consider these accurate enough and uses specially turned

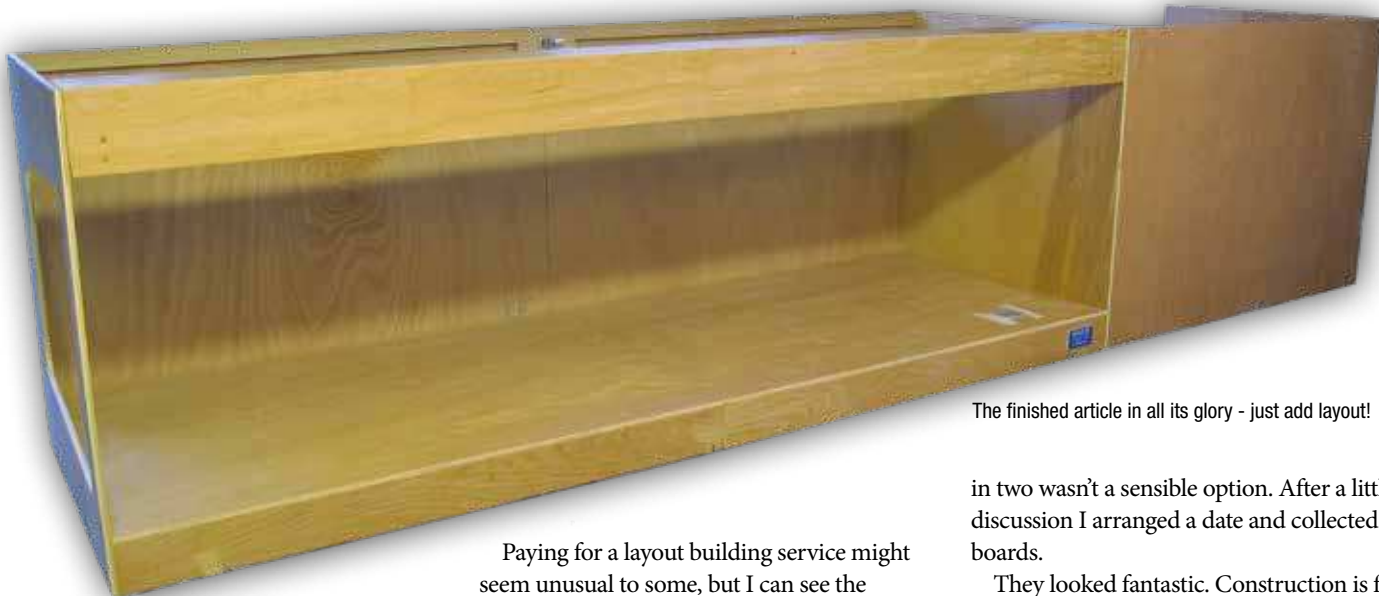
items combined with precision drilled bolt holes and captive nuts.

Chatting over lunch, I wondered if there was a usual type of customer for pre-built layouts. Apparently not, and all sorts of people are customers.

What's in the box?

Designed for use by a society on exhibition stands, this 6' O gauge layout cleverly folds up into a box complete with handle. The size of a large suitcase, it could be taken to exhibitions on the train, or easily carried to the car at the end of the day. While the trackplan laid with standard Peco items is limited, it makes a great demonstration or test track.





The finished article in all its glory - just add layout!



Stephen Reed, owner of Modula Layouts with the BRM baseboard.

Paying for a layout building service might seem unusual to some, but I can see the appeal. Thinking back to the new retirees I meet during the year, it could easily make the difference between taking up the hobby and leaving models in their boxes forever.

What better way to test the product than commissioning a set of boards for our next project layout? I had some fairly specific requirements – a 6' scenic section and 3' fiddle yard. All boards were to be 2' wide and should incorporate a low fascia panel.

I sent my sketch to Stephen, who came back with a few suggestions. I'd not included enough support for the fascia and splitting it

in two wasn't a sensible option. After a little discussion I arranged a date and collected the boards.

They looked fantastic. Construction is from high-quality 9mm plywood which has been varnished for a lovely finish. Lengths of ply for rigidity were supplied for me to fit later. If you already have a plan, these will be fitted for you, and arranged to avoid the motors.

The fascia measures 6' and is attached with toggle clips. This should allow me to assemble the layout single-handedly, even with lighting fitted. Initial thoughts are to use LEDs, but we'll see how that works out later.

The boards aren't feather-weight, but when bolted together can still be comfortably handled by one person. ■

modula
layouts

Layouts built & wired
to the
highest standards
READY TO RUN & DELIVERED TO YOUR DOOR



BRM JUL 20

01277 624741 Mon-Fri 9am-5pm
Order directly from
www.modulayouts.co.uk

See a selection
of layouts -
visit our Gallery page at
www.modulayouts.co.uk

WWW.MODELRAILSHOP.CO.UK
01274 747447
shop@fmrdirect.co.uk
8A Sapper Jordan Rossi Park
Otley Road, Baildon
West Yorkshire, BD17 7AX

FRIZINGHALL

MODELS & RAILWAYS

70 YEARS OF FMR
1950 - 2020



R3769
£260.99

R3770
£260.99

R3884
£161.99

HORNBY

New 'OO' Releases 2020 - Pre Order NOW

R3769 - 2 Car Set, Network Rail, 'Mark Carne CBE' & 'The Railway Observer'.....	£260.99
R3830 - BR, Thompson Class A2/2, 4-6-2, 60501 'Cock o' the North' - Era 4.....	£170.99
R3831 - BR, Thompson Class A2/2, 4-6-2, 60505 'Thane of Fife' - Era 5.....	£170.99
R3836 - BR, Standard 2MT, 2-6-0, 78047 - Era 5.....	£161.99
R3840 - LNER, Class W1 'Hush Hush', 4-6-4, 10000 - Era 3.....	£179.99
R3854 - LMS, Princess Royal Class, 4-6-2, 6212, 'Duchess of Kent' - Era 3.....	£170.99
R3770 - 2 Car Set, 43 HST, GWR, 43002 'Sir Kenneth Grange' & 43198 - Era 11.....	£260.99
R3855 - BR, Princess Royal Class, 4-6-2, 46211 'Queen Maud' - Era 5.....	£170.99
R3862 - SR, Lord Nelson Class, 4-6-0, 864 'Sir Martin Froisher' - Era 3.....	£152.99
R3865 - BR, Standard 7 Britannia Class, 4-6-2, 'Oliver Cromwell' - Era 5.....	£179.99
R3880 - BR, Class 31, A1A-A1A, 31147 'Floreat Salopia' - Era 8.....	£161.99
R3882 - GBRf, Class 50, Co-Co, 50007 'Hercules' / 'Warspite' - Era 11.....	£161.99
R3884 - DB Cargo UK, Class 60, Co-Co, 60100 'Midland Railway - Butterley'.....	£161.99
R3890 - BR, Class 91, Bo-Bo, 91002 'Durham Cathedral' - Era 8.....	£152.99
R3893 - GNER, Class 91, Bo-Bo, 91117 'Cancer Research UK' - Era 10.....	£152.99
R3827 - LNER Hitachi Class 800/1, 'Azuma' 'Celebrating Scotland' Train Pack.....	£355.50
R3873 - BR, Advanced Passenger Train, Sets 370 003 & 370 004, 5 Car Pack.....	£355.50
R3874 - BR, Advanced Passenger Train, Sets 370 001 & 370 002, 7 Car Pack.....	£436.50
R3944 - BR, Class 43 HST, Power Cars 43123 & 43065 'City of Edinburgh' - Era 8.....	£260.99

GAUGEMASTER

"Quality in Control"

'N' Gauge Available to Pre-Order

GM2210301 - Class 43 HST 43041/093 GWR Castle Set.....	£178.00
GM2210302 - Class 43 HST 43002/185 GWT Final Days Celebrity Set.....	£178.00
GM2210303 - Class 43 HST 43014/062 Network Rail New Measurement Train.....	£178.00

**Servicing
& Repairs**

- DCC Sound Fitting
- DCC Decoder Fitting
- Rename/Renumber
- Weathering
- Servicing
- Buying Advice

OFFICIAL STOCKIST
SOUND FILES SUPPLIED BY
YOUCHOOS & DIGITRAINS



FREE POSTAGE over £150
(UK mainland only)

We buy second-hand model railway items.
Speak to our friendly & experienced staff
for more information. Local home visits
can be arranged. 'Cash or Exchange'

OPENING HOURS: MONDAY to SATURDAY 10.00 - 4.30

WANTED

MODEL RAILWAY & COLLECTABLES

Top Prices Paid

*For all makes, all gauges and live steam,
aeroplane kits, boats, die cast etc.*

Instant cash paid

Will travel to collect

**MODEL
RAILWAYS
ONLINE**

01775 630385 / 07723 336344

email: usedmodelrailway@gmail.com

Woodgate Cottage, New Road, Deeping St Nicholas, Spalding, Lincolnshire PE11 3DU

HOW TO...

BUILD YOUR FIRST CARD KIT

Words & photography: Phil Parker

Many a modeller has learnt important constructional skills by building card kits. Phil Parker explains why they're an important first step for beginners.



When asked to build a Metcalfe Models' kit for BRM, I'm presented with a challenge.

The kits are well-designed, all the parts fit well and the instructions are easy to follow. In my experience, the finished models are solid and nicely scaled to fit on the average model railway – ideal for beginners. The problem is, what do I write about?

Looking at the Fire Station kit, you can't go far wrong, as long as you work slowly and methodically. Test fit every part before you put any glue on it, but if something doesn't go where it should, the chances are one of the previous steps is wrong.

There is a difference between just sticking the bits together and making a really good job of this, or any other card kit. I've built many of them and so using this kit as an example, I'll walk you through some of the things you won't find in the instructions, but will help you produce a top-quality model.

Card kits don't demand much in the way of tools – a sharp knife and a steel rule will be enough. Some small scissors are handy and I like a flat-bladed screwdriver to help clean away glue. Talking of this, Deluxe Materials Rocket card glue is fantastic, but normal PVA will work perfectly well. You'll also need some clear all-purpose glue for

fitting windows.

To touch up exposed corners, brown and grey felt-tipped pens are my choice, but Metcalfe recommends watercolour paints. Either will work, it's up to you to use the one that you are happier with.

Metcalfe has a very committed group of fans on Facebook and when you build a kit like this, it's easy to understand why.

SHOPPING LIST

Metcalfe Models

Essbottom, Bell Busk, Skipton BD23 4DU

W: www.metcalfe-models.com

PO289 Fire Station

P&D Marsh

48 High Rd, Wisbech PE14 0DQ

W: www.pdmarshmodels.com

PDZ41 1970/80 Fire Crew (Painted).



1



Arriving in a fat cardboard packet, the kit includes die-cut printed parts, laser-cut doors, glazing material and a set of instructions.

4



Clever colour coding makes identifying which are the right doors for each doorway; a lot easier when there is a pile of pieces on your workbench.

2



I've always felt that printed windows are too bright, but rubbing a pencil over them, then smudging the graphite with a finger, tones the white down a bit. You could use a pencil crayon in the same way to add colour, too.

3



Windows are fitted behind the relevant card pieces with a clear, all-purpose glue. Take some time to line them up properly in the holes as any mistakes will be obvious later and difficult to correct.



To hide the unprinted corners and edges, Metcalfe recommends using watercolour paints. While this would allow perfect colour matching, I prefer felt tip pens – a brick brown colour and grey.

5



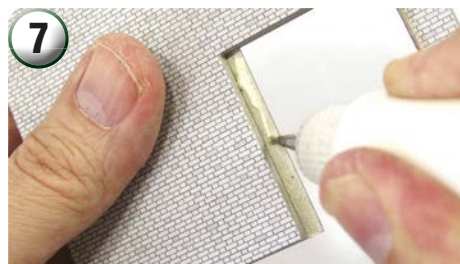
The unprinted strengthener cards are identified in the instructions and I like to write the codes on them to speed things up and reduce the chances of mistakes later.

Uniform dating

The P&D Marsh OO scale ready-painted fire crew are nice, but my fire engine is modern and they are wearing a uniform that was phased out at the end of the 1980s.

To fix this, they were stuck on a lolly stick and repainted with Humbrol 93 enamel, followed by yellow bands for the fluorescent strips on real uniforms. Pedants will point out that the helmets have changed shape over the years too, but these ones aren't too far out.





For precision application of PVA glue, the Metcalfe ultra-fine-tip bottles are excellent and are useful beyond just card kit building. Using the minimum amount of glue is important, but if it oozes out of a joint, a small screwdriver is often useful to clean it away.



Metcalfe doesn't make flimsy buildings. The front and back walls are 4.5mm thick, which both looks good and makes the finished model seriously solid.



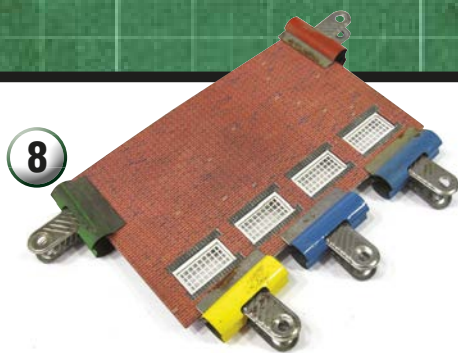
One area for improvement with the kit is the training tower. With the interior visible, some matching brickpaper from the range would be a good idea to cover the inside of the grey walls. While you are at it, paint the floors as these can be seen as well.



I don't like being able to look through a building, because it's rare that this happens in real life. Adding a wall from scrap card, coloured black solves the problem.



Both grey and brown slates are supplied to fit along the roof line. The edges and crease for the bend all need treating with the felt-tipped pen or paints after cutting to size, but before gluing in place.



Where several laminations of card are used, a selection of bulldog clips are very handy. One to hold the card while you check everything is lined up, and the rest to make sure all the edges are compressed together.



If your alignment of the card layers isn't perfect, it can be adjusted with an abrasive stick. Try to sand the strengthener cards rather than the printed ones as it is possible to de-laminate the coloured surface.



There are several clever design touches. Flaps that fold back on themselves form shallow tabs that locate into matching holes for aligning sections of the kit. Here, the strengthener card has one of these, so it's in the right place to line up the office when it's fitted to the side wall.



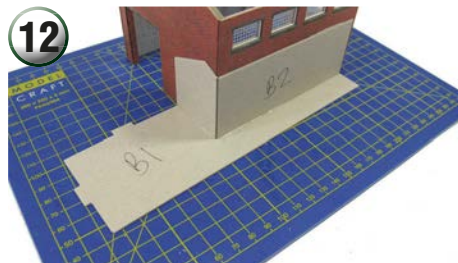
Several sets of lockers are provided to be cut out and fitted to the interior walls. Those not used are worth keeping for future projects.



Generic signs are included, but I made my own based on photographs of real fire stations. The Avon force badge was downloaded from the web and added to a simple plain sign. Older stations seemed to have more elaborate name boards, so it's worth checking.



Heavy weights such as these steel offcuts bought for pennies at a model engineering show, are handy for lamination. Even piles of old model railway magazines will work – you knew there was a reason to keep them handy.



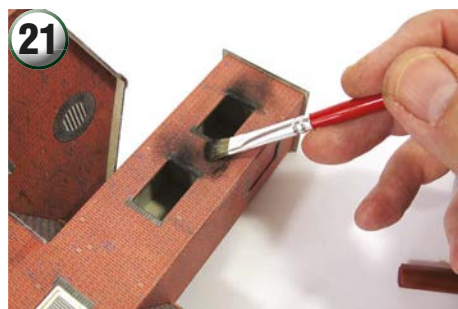
The base for the tower is fixed to the sides of the main building by gluing the card around the bottom. It's easy for excess glue to ooze from the bottom and stick to whatever you are building the model on. A cutting mat can usually be peeled away without damage.



Roofs on models are more obvious than in real life and the printed slates can look a bit flat. Scribing the horizontal lines with a blunt tool adds texture. If you are keen, scribe the verticals between the slates as well – a time-consuming job, but worth it for the finished look.



If you want open doors, they have to be trimmed to length before fitting. It's wise to make sure your fire engine will fit under partly-visible doors before opening the glue bottle.



I'm not weathering the model, except for the openings on the training tower, which get a dusting of Humbrol smoke colour powder to show the results of some exercises.

HARDER & STEENBECK



PAINT EASY THE HARDER WAY

www.harder-airbrush.eu

SELL yours today at www.hattonsmodelmoney.com

Get cash for your items in just four easy steps...



*Same day payments apply for collections received Monday to Friday before 2pm. Any collections received after 2pm will be paid on the next working day. Please note: In the unlikely event that we revise our offer price for your collection, you will be paid after responding to our offer. For full Terms and Conditions, visit hattons.co.uk/preownedterms

ALL brands purchased including:



FOR CASH



BUY pre-owned items online at hattons.co.uk/latestpreowned



WE PAY*
STRAIGHT AWAY!

So why choose Hattons?

- More than 70 years of experience
- Offering you the best prices in the industry
- Valuations made by experts
- Free quotes with no obligation to trade
- We can arrange delivery – no collection too big or too small
- Fast, secure payment • Store credit available

Submit your list and track your valuation online
by visiting www.hattonsmodelmoney.com



Call us on **0151 305 1755**
or email preowned@hattons.co.uk

**17 Montague Road,
Widnes WA8 8FZ**

Phone opening times:
Mon to Sun 9am-5pm.



CAMBORNE
98A Trelowarren Street, TR14 8AN

Kernow Model Rail Centre

Visit www.kernowmodelrailcentre.com or call our team on 01209 714099

UK POSTAGE & PACKING = £4 PER ORDER. ORDERS OVER £200 = POST FREE



GUILDFORD
75B Stoke Road, GU1 4HT



JOIN US FOR OUR VIRTUAL EXHIBITION SHOWS

IN REPLACEMENT OF THE CANCELLED EXHIBITIONS
VISIT OUR FACEBOOK PAGE & WEBSITE FOR SPECIAL SHOW OFFERS

LATEST ARRIVALS / N GAUGE

DAPOL N

2D-001-005 Class 33/0 Diesel Locomotive No. 33 020 BR Blue.....	£112.99
2D-001-005D Class 33/0 Diesel Locomotive No. 33 020 BR Blue, DCC Fitted.....	£138.99
2D-001-006 Class 33/0 Diesel Locomotive No. 33008 "Eastleigh" BR Green.....	£112.99
2D-001-006D Class 33/0 Diesel Loco No. 33008 "Eastleigh" BR Green, DCC Fitted.....	£138.99
2D-001-007 Class 33/0 Diesel Loco No. 33 042 Triple Grey Construction Sector.....	£112.99
2D-001-007D Class 33/0 Diesel Loco No. 33 042 Triple Grey, DCC Fitted.....	£138.99
2D-001-008 Class 33/0 Diesel Locomotive No. D6561 BR Green.....	£112.99
2D-001-022 Class 33/1 Diesel Locomotive No. 33 114 "Ashford 150" Network SouthEast.....	£112.99
2D-001-022D Class 33/1 Diesel Loco No. 33 114 "Ashford 150" Network SouthEast, DCC Fitted.....	£138.99
2D-001-023 Class 33/1 Diesel Locomotive No. 33 112 "Templecombe" BR Blue.....	£112.99
2D-001-023D Class 33/1 Diesel Loco No. 33 112 "Templecombe" BR, DCC Fitted.....	£138.99
2D-028-002 Class 26 Diesel Locomotive D5310 BR Green.....	£112.95
2D-028-002D Class 26 Diesel Locomotive D5310 BR Green, DCC Fitted.....	£138.99



2D-028-003 Class 26 Diesel Locomotive 26 024 BR Blue with Scottie Dog.....	£112.95
2D-028-003D Class 26 Diesel Loco 26 024 BR Blue with Scottie Dog, DCC Fitted.....	£138.99
2D-028-005 Class 26 Diesel Locomotive 26 004 Trainload Coal.....	£112.95
2D-028-005D Class 26 Diesel Locomotive 26 004 Trainload Coal, DCC Fitted.....	£138.99

LATEST ARRIVALS / OO GAUGE

DAPOL OO



4A-002-001 GWR Water Tower, Chocolate & Cream with Conical Top.....	£22.95
4A-002-003 GWR Water Tower, Light & Dark Stone with Conical Top.....	£22.95
4A-002-005 GWR Water Tower, Chocolate & Cream with Flat Top.....	£22.95
4A-002-007 GWR Water Tower, Grey with Flat Top.....	£22.95
4S-018-005 B4 0-4-0T Steam Locomotive No. 30096 BR Black L/C.....	£93.95
4S-018-005D B4 0-4-0T Steam Locomotive No. 30096 BR Black L/C, DCC Fitted.....	£119.99



4S-018-007 B4 0-4-0T Steam Locomotive "Guernsey" Dark Green Lined.....	£93.95
4S-018-007D B4 0-4-0T Steam Loco "Guernsey" Dark Green Lined, DCC Fitted.....	£119.99
4S-018-008 B4 0-4-0T Steam Locomotive No. 100 Southern Black w/Green lining.....	£93.95
4S-018-008D B4 0-4-0T Steam Loco No. 100 Southern Black w/Green lining, DCC Fitted.....	£119.99
4S-018-009 B4 0-4-0T Steam Locomotive No. 87 Southern Wartime Black.....	£93.95
4S-018-009D B4 0-4-0T Steam Loco No. 87 Southern Wartime Black, DCC Fitted.....	£119.99
4S-018-010 B4 0-4-0T Steam Locomotive Sussex Yellow.....	£93.95



4S-018-010D B4 0-4-0T Steam Locomotive Sussex Yellow, DCC Fitted.....	£119.99
4S-018-011 B4 0-4-0T Steam Locomotive No. 30084 BR Black E/E.....	£93.95
4S-018-011D B4 0-4-0T Steam Locomotive No. 30084 BR Black E/E, DCC Fitted.....	£119.99

HELJAN OO



3450 Class 33/0 Diesel Locomotive No. 33 012 BR Blue, weathered.....	£135.95
3451 Class 33/0 Diesel Locomotive No. D6515 "Jenny Lewis RN" BR Green.....	£126.99



3452 Class 33/0 Diesel Locomotive No. 33 026 "Seafire" BR Dutch Civil Engineers.....£126.99



3453 Class 33/0 Diesel Locomotive No. 33 042 Trainload Construction, weathered.....£135.99



3454 Class 33/0 Diesel Locomotive No. 33 063 Mainline Grey.....£126.99



3455 Class 33/0 Diesel Locomotive No. 33 021 "Eastleigh" Post Office Red.....£126.99



3456 Class 33/0 Diesel Locomotive No. 33 030 EWS.....£126.99



3460 Class 33/0 Diesel Locomotive No. 33 026 West Coast Railways, weathered.....£135.95

HORNBY OO



R4890 Mk3 Sliding Door TSL Coach, ScotRail.....£31.49



R4890A Mk3 Sliding Door TSL Coach, ScotRail.....£31.49



R4890B Mk3 Sliding Door TSD Coach, ScotRail.....£31.49



R4890C Mk3 Sliding Door TSD Coach, ScotRail.....£31.49



R4891A Mk3 Sliding Door TSD Coach, ScotRail.....£31.49



R4895 Mk3 Sliding Door TSD Coach No. 48108 GWR Green.....£31.49



R4895A Mk3 Sliding Door TSD Coach No. 48111 GWR Green.....£31.49



R4896 Mk3 Sliding Door TGS Coach No. 49103 GWR Green.....£31.49



R4896A Mk3 Sliding Door TGS Coach No. 49104 GWR Green.....£31.49



R4896A Mk3 Sliding Door TGS Coach No. 49104 GWR Green.....£31.49



R4907 Mk3 Sliding Door TGF Coach, ScotRail.....£31.49



R4907A Mk3 Sliding Door TGF Coach, ScotRail.....£31.49



R4915 Mk3 Sliding Door TS Coach No. 48107 GWR Green.....£31.49



R4915A Mk3 Sliding Door TS Coach No. 48112 GWR Green.....£31.49



R4915B Mk3 Sliding Door TS Coach No. 48110 GWR Green.....£31.49



R4915C Mk3 Sliding Door TS Coach No. 48131 GWR Green.....£31.49



R4937 Mk3 Sliding Door TS Coach ScotRail.....£31.49



R4937A Mk3 Sliding Door TS Coach ScotRail.....£31.49



R4938 Mk3 Sliding Door TGS Coach No. 44021 Cross Country Trains.....£31.49



R4938A Mk3 Sliding Door TGS Coach No. 44052 Cross Country Trains.....£31.49



R4939 Mk3 Sliding Door TSD Coach No. 42366 Cross Country Trains.....£31.49



R4939A Mk3 Sliding Door TSD Coach No. 42376 Cross Country Trains.....£31.49



R4939B Mk3 Sliding Door TSD Coach No. 42380 Cross Country Trains.....£31.49



R4939C Mk3 Sliding Door TSD Coach No. 42371 Cross Country Trains.....£31.49



R4940 Mk3 Sliding Door TS Coach No. 42342 Cross Country Trains.....£31.49



R4940A Mk3 Sliding Door TS Coach No. 42097 Cross Country Trains.....£31.49



R4940B Mk3 Sliding Door TS Coach No. 42377 Cross Country Trains.....£31.49



R4940C Mk3 Sliding Door TS Coach No. 42370 Cross Country Trains.....£31.49



R4940D Mk3 Sliding Door TS Coach No. 42378 Cross Country Trains.....£31.49



R4940E Mk3 Sliding Door TS Coach No. 42378 Cross Country Trains.....£31.49



R4940G Mk3 Sliding Door TS Coach No. 42051 Cross Country Trains.....£31.49



R4940H Mk3 Sliding Door TS Coach No. 42369 Cross Country Trains.....£31.49



R4941 Mk3 Sliding Door TCC Coach No. 45001 Cross Country Trains.....£31.49



R4941A Mk3 Sliding Door TCC Coach No. 45003 Cross Country Trains.....£31.49



R4942 Mk3 Sliding Door TFD Coach No. 41193 Cross Country Trains.....£31.49



R4942A Mk3 Sliding Door TFD Coach No. 41195 Cross Country Trains.....£31.49



R6965 27 Ton MSV Iron Ore Tipplers BR Bauxite, Triple Pack.....£44.99



R6966 27 Ton MSV Iron Ore Tippler No. B385893 BR Bauxite.....£15.99



R6966 Hornby Wagon - 2020 Centenary Year.....£13.49

OXFORD DIECAST OO

76CPH001 Ford Capri MkII Lime Green.....	£6.25
76CW1007 Commer Walk Thru Royal Mail.....	£10.95
76FE002 Ford Escort Mk1 Purple Velvet.....	£6.45
76VWS004 Volkswagen T1 Van Light Grey.....	£6.75

VISIT OUR SHOPS IN CAMBORNE & GUILDFORD! CHECK OUR WEBSITE FOR LOCATIONS

We do a DECODER FITTING SERVICE for OO & N Gauge DCC Ready Locomotives.....£9.99. If you have other locos you are interested in having fitted with a decoder or sound please phone or email us for a quote

Join our loyalty scheme, points awarded for each pound spent! Sign up to our newsletter at www.kernowmodelrailcentre.com • Kernow Model Rail Centre • @kernowmodelrail

BARGAINS - OO GAUGE

BARGAIN BUNDLES

K2104PACK O2 and Water Column Pack	£129.99
K9604 Class 47 HST Barrier Coach Pack	£179.99
K9611 Bachmann NSE Mk1 Coach Pack	£74.99
K9613 Hornby Maroon Collet Coach Pack	£129.99
K9614 Hornby GWR Collet Box Ended Coach Pack	£149.99
K9615 Hornby SR Bulleid Coach Pack	£99.99
K9972 Mainline Freight Ballast Pack	£199.99
K9980 Bachmann City of Truro Cornish Pack	£139.99
K9988A Bachmann Scenecraft Clay Dries Pack with FREE Landrover	£99.99
K9997A West Country Bus Pack - Western National	£129.99

BACHMANN

31-003A Class 04 Steam Locomotive No. 6184 LNER Black	£74.95
31-004A Robinson Class 04 Steam Locomotive No. 63762 BR Black E/F, weathered	£79.99
31-041 Class 450 4 Car Desiro EMU Set No. 450 127 South West Trans, weathered	£269.95
31-119 BR Standard Class 4MT Steam Loco No. 75035 BR Lined Black L/C, weathered	£96.99
31-170 L&YR 2-4-2 Steam Tank No. 50764 BR Black BRITISH RAILWAYS lettering	£79.99
31-190 Jubilee Steam Loco No. 45575 "Madras" BR Black BRITISH RAILWAYS	£118.99
31-318A Robinson Class J11 (GCR 9) Steam Locomotive No. 5954 LNER Black	£104.99
31-321DS Robinson Class J11 (GCR 9) 64377 BR Black E/F, wtd, DCC Sound	£164.99
31-379 2EPB 2 Car EMU Set No. 5771 BR Green	£109.95
31-380 Class 416 2-EPB 2 Car EMU Set No. 6262 BR Blue & Grey, NSE branding	£126.99
31-461A C Class 0-6-0 Steam Locomotive No. 1294 Southern Railway Black	£69.99
31-481 G2A Steam Locomotive No. 49106 BR Black E/F, weathered	£72.99
31-614 V3 Steam Locomotive No. 67646 BR Lined Black L/C	£73.99
31-615 V3 Steam Tank Locomotive No. 67690 BR Lined Black E/F, straight pipes	£73.99
31-627B Class 37 Steam Locomotive No. 3520 LMS Black with Dealey Tender	£63.99
31-657L Class 47/4 Diesel Locomotive No. 47 625 "City of Truro" BR Blue, weathered	£129.99
31-657LDS Class 47/4 Diesel Loco No. 47 625 "City of Truro", weathered, DCC Sound	£124.95
31-691 LMS Stanier Mogul Steam Locomotive No. 42969 BR Lined Black E/F	£109.99
31-692 LMS Stanier Mogul Steam Locomotive No. 42968 BR Lined Black L/C	£96.99
32-067A Class 43 Warship Diesel Locomotive No. D836 "Powerful" BR Blue	£94.95
32-068 Class 43 Warship Diesel Locomotive No. D838 "Rapid" BR Maroon	£95.95
32-165 Southern N Class Steam Locomotive No. 31874 BR Lined Black E/F	£114.99
32-166 Southern N Class Steam Locomotive No. 31874 BR Lined Black E/F	£109.99
32-176 LMS Crab Steam Locomotive No. 42765 BR Lined Black E/F	£82.99
32-178A LMS Crab Steam Locomotive No. 13174 LMS Lined Black	£81.99
32-279A K3 Class Steam Locomotive No. 1304 LNER Lined Black	£88.99
32-281 K3 Class Steam Locomotive No. 61862 BR Lined Black E/F	£88.99
32-289 Class 101 2 Car DMU BR Rebranded White & Blue	£136.95
32-370NF Class 37/4 Diesel Loco 37 425 "Concrete Bob/Sir Robert McAlpine" DRS	£124.95
32-370NFD Class 37/4 Diesel Loco No. 37 425 "Concrete Bob/Sir Robert McAlpine", DCC Sound	£194.99
32-376A Class 37/4 Diesel Loco No. 37 422 "Robert F. Fairlie", weathered	£109.95
32-560 Class A1 Steam Locomotive No. 60117 BRITISH RAILWAYS Apple Green	£114.95



32-575A Ivatt Class 4MT Steam Locomotive No. 3000 LMS Black	£82.99
32-737 Class 66 Diesel Locomotive No. 66 065 EWS DRS Branding, weathered	£109.99
32-738 Class 66 Diesel Locomotive No. 66 711 "Sence" GBHF Aggregates	£99.99
32-733DS Class 57/0 Diesel Loco No. 57 007 "Freightliner Bond" Freightliner	£189.99



32-775NF Class 37/0 Diesel Locomotive No. 37 104 Railfreight Triple Grey	£129.99
32-775NFD Class 37/0 Diesel Locomotive No. 37 104, DCC Sound	£209.95
32-775L Class 37/0 Diesel Locomotive No. 37 055 "Rail Celebrity" Mainline reight	£119.95
32-775LDS Class 37/0 Diesel Locomotive No. 37 055 "Rail Celebrity", DCC Sound	£214.95
32-780U Class 37 Diesel Locomotive No. 37 261 DRS	£119.99
32-780UDC Class 37 Diesel Locomotive No. 37 261 DRS, DCC Fitted	£139.99
32-780UDS Class 37 Diesel Locomotive No. 37 261 DRS, DCC Sound Fitted	£219.99
32-830A Ivatt Class 2MT 2-6-0 Steam Locomotive No. 6418 LMS Plain Black	£99.99
32-992 Wickham Type 27 Trolley Car BR Engineers Yellow	£45.95
34-328A 50ft Ex LMS Pili Parcels Van No. M31253 BR Blue, weathered	£19.99
34-630A BR Mk1 Suburban Second Brake Coach No. M43226 BR Lined Maroon	£24.99
34-630B BR Mk1 Suburban Second Brake Coach No. M43301 BR Lined Maroon	£24.99
34-700C BR Mk1 Suburban Composite Coach No. M41014 BR Lined Maroon	£24.99
35-050 LNWR Webb Coal Tank 0-6-2 Steam Locomotive No. 1054 LNWR Black	£84.99
35-051 LNWR Webb Coal Tank 0-6-2 Steam Locomotive No. 7841 LMS Black	£84.99
35-076A Class E4 0-6-2 Steam Locomotive No. 2517 Southern Green	£84.99
35-079 Class E4 0-6-2 Steam Locomotive No. 32494 BR Lined Black E/F	£84.99
36-102 45ft Containers in Dream Box livery	£9.95
37-039 5 Plank Wagon Steel Floor No. 45 Helwith Bridge Road Stone Quarry, weathered	£149.95

37-040 5 Plank Wagon Steel Floor No. 362 L.C.I. (Lime) Ltd with Load, weathered	£149.95
37-071 5 Plank Wagon Wooden Floor No. 22 Cumberland Tanned Slag w/Load, wtd	£149.95
37-072 5 Plank Wagon Wooden Floor No. 136 W. H. Wallis & Co Evesham	£129.95
37-073 5 Plank Wagon Wooden Floor No. 13 Carlisle Co-Op with load	£139.95
37-097 Coal Trader Pack. 3 x 5 Plank Wagons in weathered finish	£37.95
37-185A 7 Plank Wagon with Cole Rails BR Cory, weathered	£149.95
37-327D 90 Ton JGA Bogie Hopper BR 19215 Buxton Lime, weathered	£32.95
37-529B 20 Ton Brake Van No. 182897 LNER Oxide, weathered	£18.95
37-535C 20 Ton Brake Van CAR No. 1955016 BR Railfreight	£17.95
37-550B 46T POA Mineral Wagon No. TRL5384 Yeoman Tiger, weathered	£12.95
38-005D 46 Ton HEA Hopper Wagon No. 380265 BR Bauxite	£17.95
38-042A 31 Ton OBA Open Wagon No. 110719 BR Plasmor Blocklight	£17.99
38-105 Triple Pack 34 Ton PNA Wagons Railfreight 5 Rib, weathered	£41.99
38-125Y 35 Ton HTC Trib Tain Van ZXR RDB 999900	£16.99
38-190B 10 Ton BR Insulated Van No. B872514 BR Light Blue	£14.95
38-243 MGA Megabox Bogie Box Wagon No. 500006 EWS, weathered	£30.95
38-245A MGA Low-Sided Bogie Box Wagon No. 500336 EWS, weathered	£36.95
38-329A 13 Ton High Sided Bogie Box Wagon No. 278985 LNER Grey	£16.95
38-330 13 Ton High Sided Steel Wagon No. £279122 BR Grey	£16.95
38-400A SR 25 Ton Pill Box Brake Van No. 56462 SR Brown	£18.95
38-404A SR 25 Ton Pill Box Brake Van ZTO No. D356471 BR, weathered	£18.95
38-553A Midland 20 Ton Brake Van No. 134900 LMS Bauxite without Duckets	£17.95
38-554 Midland 20 Ton Brake Van No. M623 Midland Railway Old	£17.95
38-980 20 Ton Brake Van & SR Pill Box Twin Pack NSE "Return to Old Oak Common"	£36.95
39-002 Twin Pack BR Mk2A BFK HST Barrier Vehicles BR Blue	£54.99
39-003 Mk1 Coach Pack BR Blue & Grey with NSE branding, weathered	£69.99
39-004 Mk1 Coach Pack BR Blue & Grey with ScotRail branding, weathered	£69.99
39-005 Highlander Coach Pack	£99.99
39-025E BR Mk1 SK Second Corridor Coach No. M25704 BR Blue & Grey	£27.99
39-026E BR Mk1 SK Second Corridor Coach No. M24911 BR Maroon	£27.95
39-050D BR Mk1 Open Coach SO No. M4243 BR Blue & Grey	£29.99
39-052E BR Mk1 SO Second Open Coach No. M3741 BR Crimson & Cream	£29.99
39-066A BR Mk1 TSO Tourist Second Open Coach No. 4854 Regional Railways, wtd	£36.99
39-082B BR Mk1 BSK Brake Second Corridor Coach No. 35329 Network SouthEast	£27.95
39-100C BR Mk1 RU Restaurant Car No. E1974 BR Blue & Grey	£27.99
39-103C BR Mk1 RU Restaurant Car No. E1925 BR Maroon	£27.99
39-105 BR Mk1 RU Restaurant Car No. W1900 BR Crimson & Cream	£33.99
39-125C BR Mk1 CK Composite Corridor Coach No. M16153 BR Blue & Grey	£27.95
39-126C BR Mk1 CK Composite Corridor Coach No. M15916 BR Maroon	£27.99
39-128B BR Mk1 CK Composite Corridor Coach No. E15055 BR Crimson & Cream	£27.99
39-150B BR Mk1 FK First Corridor Coach No. E13241 BR Blue & Grey	£28.99
39-152B BR Mk1 FK First Corridor Coach No. E13113 BR Crimson & Cream	£27.99
39-153D BR Mk1 FK First Corridor Coach No. S13006 BR (SR) Green	£33.99
39-176D BR Mk1 BG Full Brake Coach No. E80533 BR Maroon	£27.95
39-177C BR Mk1 BG Full Brake Coach No. M80565 BR Crimson & Cream	£27.95
39-186 BR Mk1 BG Full Brake Coach GRX No. AD9 975612, weathered	£27.99
39-187 BR Mk1 BG Full Brake Coach NCV No. 95310 BR Blue	£27.99
39-188 BR Mk1 BG Full Brake Coach No. 92354 Network SouthEast	£27.99
39-225A BR Mk1 BCK Brake Composite Corridor Coach No. E21222 BR Blue & Grey	£27.99
39-228D BR Mk1 BCK Brake Composite Corridor Coach S21275 BR (SR) Green	£34.99
39-240 BR Mk1 FO First Open Coach No. M3001 BR Crimson & Cream	£32.99
39-241 BR Mk1 FO First Open Coach No. M3001 BR Maroon	£33.99
39-242 BR Mk1 FO First Open Coach No. M3002 BR Blue & Grey	£27.99
39-250A BR Mk1 RFO Restaurant Car No. M5 BR Blue & Grey	£27.99
39-251D BR Mk1 RFO Restaurant Car No. M1 BR Maroon	£27.99
39-265 BR Mk1 RMB Miniature Buffet Car No. M1865 NSE	£28.99
39-274 BR Mk1 GUV No. E93326 BR Blue & Grey InterCity Motorail	£27.99
39-292 BR Mk1 FP Pullman First Parlour "Pearl" Umber & Cream working interior lights	£53.99
39-310C BR Mk1 SP Pullman Second Parlour Coach No. 350 Umber & Cream	£37.99
39-312 BR Mk1 SP Pullman Second Parlour Coach No. E332E BR Blue & Grey	£36.99
39-360C BR Mk2a TSO Tourist Second Open Coach No. W5316 BR Blue & Grey	£30.99
39-361A BR Mk2a TSO Tourist Second Open Coach No. E5406 BR Blue & Grey	£29.99
39-364 BR Mk2a TSO Tourist Second Open Coach No. 5278 Regional Railways, wtd	£47.99
39-410A BR Mk2a BFK Brake First Corridor Coach No. W17069 BR Blue & Grey	£28.99
39-412A BR Mk2a BFK Brake First Corridor Coach No. 17097 Network SouthEast	£27.99
39-413 BR Mk2a BFK Brake First Corridor Coach No. 35516 Regional Railways, wtd	£47.99
39-470A LMS 60ft Porthole Corridor Brake 1st Coach No. M5077M BR, weathered	£31.99
39-502A BR Mk1 SLSTP Second Class Sleeper Car No. E2591 BR Maroon	£28.99
39-503A BR Mk1 SLSTP Second Class Sleeper Car No. E2681 BR Blue & Grey	£28.99
39-528A Ex-Southern CCT Covered Carriage Truck No. S1751 BR Blue, weathered	£26.99
39-529 Ex-Southern CCT Covered Carriage Truck No. AB1975276 BR	£23.99
39-578 BR Auto Trailer No. W234 BR Crimson & Cream	£49.99
39-579 BR Auto Trailer No. W236W BR Unlined Maroon	£49.99
39-580 BR Auto Trailer No. W231W GWR Chocolate & Cream as preserved	£49.99
39-777A LMS 50ft Inspection Coach No. M45030M BR Blue & Grey	£39.99

BACHMANN SCENECRAFT

44-0009 Container Terminal Crane	£96.99
44-0014 Post War Platform Shelter	£8.99
44-0017 Double Rail Over Road Bridge	£21.99
44-004 Provender Store	£26.99
44-0041 Rail Over River Bridge	£24.95
44-0043 Waiting Room and Ladies	£14.95
44-0049 Incline Winding House	£17.99
44-0050 Coal Drop	£26.99
44-006 Corrugated Goods Shed	£26.99
44-0061 Twin Track Footbridge	£44.99
44-0062 Platform Subway	£9.95
44-0065 March Waiting Room	£33.99
44-0066 March Station Ticket Office	£33.99
44-0067 March Station Facilities and Stores	£33.99
44-0069 Tabernacle	£23.99
44-0070 Prefab Commercial Building	£23.99

DAPOL

40-006-006D Class 73/1 Electro-Diesel Locomotive 73 138 Dutch Civil Engineers	£119.99
---	---------

HORNBY

R1223 Freightmaster Train Set	£64.99
R3373 Class 71 Electric Locomotive No. E5001 BR Green with small yellow panel	£99.99
R3376 Class 71 Electric Locomotive No. E5022 BR Green with no yellow ends	£94.99
R3397 LMS Suburban Passenger Train Pack - Limited Edition	£149.99
R3398 Lyme Regis Branch Line Train Pack - Limited Edition	£129.99
R3399 EWS Freight Train Pack - Limited Edition	£139.99
R3405 J50 Class 0-6-0 Steam Locomotive No. 585 LNER Black	£62.99
R3406 J50 Class 0-6-0 Steam Locomotive No. 14 Departmental BR Black L/C	£62.99
R3407 J50 Class 0-6-0 Steam Locomotive No. 68959 BR Black E/F	£62.99
R3408 4-6-0 6000 King Class Steam Locomotive No. 6016 "King Edward V" GWR	£114.99
R3409 4-6-0 6000 King Class Steam Locomotive No. 6002 "King William IV" BR L/C	£114.99
R3410 4-6-0 6000 King Class Steam Locomotive No. 6025 "King Henry III" BR L/C	£114.99
R3411 Maunsell S15 Class Steam Locomotive No. 827 Southern Black	£89.99
R3412 Maunsell S15 Class Steam Locomotive No. 30842 BR Black E/F	£79.99
R3413 Maunsell S15 Class Steam Locomotive No. 30831 BR Black L/C	£79.99
R3414 Maunsell J15 Class 0-6-0 Steam Locomotive No. 5444 LNER Black	£71.99
R3415 J15 Class Steam Locomotive No. 65477 BR Black	£71.99
R3416 J15 Class Steam Locomotive No. 65464 BR Black E/F	£108.99
R3417 K1 Class Steam Locomotive No. 62065 BR Black	£89.99
R3418 K1 Class Steam Locomotive No. 62006 BR Black	£94.99
R3422 Adams Radial 415 Class Steam Locomotive No. 3125 SR Black	£66.99
R3423 Adams Radial 415 Class Steam Locomotive No. 30583 BR Black L/C	£66.99
R3448 B17 Class Steam Locomotive No. 61619 "Welbeck Abbey" BR E/F	£99.99
R3452 6800 Grange Class Steam Loco No. 6825 "Janwar Grange" BR Green L/C	£89.99
R3461 Thompson L1 Class Steam Locomotive No. 67702 LNER Green	£99.99
R3462 42xx Class Steam Locomotive No. 4287 BR Black E/F	£89.99
R3463 52xx Class Steam Locomotive No. 5241 BR Black E/F	£89.99
R3473 Class 56 Diesel Locomotive No. 56 108 Red Stripe Railfreight	£99.99
R3521 D16/3 Class Steam Locomotive No. 8802 LNER Black	£79.99
R3541 Raven 60 Class Steam Locomotive No. 2265 LNER Black	£91.99
R3738 A3 Class 2-6-2 Steam Loco No. 4472 "Flying Scotsman" Alan Pegler	£199.99
R4534D BR Pull-Push Coach Pack	£62.99
R4534E BR Pull-Push Coach Pack Set No. 601	£62.99
R4565A LMS Non-Corridor 57ft Composite Coach No. 16612	£24.99
R4567A LMS Non-Corridor 57ft Third Class Coach No. 17178	£24.99
R4677B LMS Non-Corridor 57ft Third Class Brake Coach No. 20754 LMS	£24.99
R4677C LMS Non-Corridor 57ft Third Class Brake Coach No. 20754 LMS	£24.99
R4691A ex-LMS Non-Corridor 57ft Third Class Brake Coach No. M20788M BR	£24.99
R4774 BR Mk1 Coach Corridor Brake 2nd BSK No. W34845 BR Blue & Grey	£23.99
R4775 BR Mk1 Coach Second Open SO Coach No. W4804 BR Blue & Grey	£23.99
R4776 BR Mk1 Coach Tourist Second Open SO Coach No. W5025 BR Blue & Grey	£23.99
R4777 BR Mk1 Brake Second Open BSO Coach No. W9353 BR Blue & Grey	£23.99
R4778 BR Mk1 First Open FO Coach No. W3123 BR Blue & Grey	£23.99
R4926 Sovereign Midland Commuter Coach Pack	£99.96
R4927 Sovereign BR Midland Suburban Coach Pack	£99.96
R6791 OTA Timber Wagon No. 112265 Turquoise Parallel Stanchions	£16.99
R6802 SR Brake Van No. 55891 SR Brown	£12.99

OXFORD RAIL

OH76D002 Dean Goods Steam Locomotive No. 2409 BR Black E/F	£69.95
--	--------



OH76D003 Dean Goods Steam Locomotive No. 2475 GWR Green	£69.95
OH76M6001C 6 Plank Open Wagon No. 150475 NE Grey	£11.95

KMRC



36-260Y Delabole Slate Presflo Wagon Triple Pack, BR Bauxite	£49.99
K2106 0-4-4T Class 02 No 30193 BR Black E/F	£99.99
SR005Z SPA Open Wagon EWS Bulk Pack of 4	£79.99

BARGAINS - N GAUGE

DAPOL

2D-022-003 Class 68 Diesel Locomotive No. 68 010 Chiltern	£89.99
2D-022-004 Class 68 Diesel Locomotive No. 68 014 Chiltern	£89.99

GRAHAM FARISH

370-430 Capital Connection Train Pack	£161.95
371-329 Class 150/2 2 Car Sprinter DMU No. 150 247 BR Provincial, weathered	£110.95
371-397 Class 66 Diesel Locomotive No. 66 434 DRS Plain Blue Compass	£91.95
371-505 Class 101 2 Car DMU Set No. L837 BR Plain Yellow SouthEast	£107.95
371-651A Class 57/0 Diesel Loco No. 57 008 "Freightliner Explorer", weathered	£102.99
372-030 Castle Class Steam Loco No. 5044 "Earl of Dunraven" GWR Lined Green	£99.99
372-629 Ivatt Class 2MT 2-6-0 Steam Locomotive No. 46460 BR Black E/F, weathered	£102.99
372-980 Class 24 Diesel Loco No. 97 201 "Experiment" RHC Red & Blue, weathered	£99.99
373-360A Mk1 Horse Box No. E96307 BR Maroon branded "Return to Market"	£16.95
373-626A Mk1 Horse Box S96413 BR (SR) Green branded "Not to work between"	£17.99
373-626D 31 Tonne OBA Open Wagon 110717 Railfreight Red & Grey, weathered	£16.00
373-629 31 Tonne OBA Open Wagon No. 110521 BR Railfreight Brown	£14.00
373-975B 46T POA Mineral Wagon No. TRL5384 "Tiger" Grey, weathered	£12.99
373-976B 46T POA Mineral Wagon No. TRL5320 ARC, weathered	£12.99
374-042 BR Mk1 BG Full Brake Coach NEX No. 92002 Intercity	£20.99
374-135 BR Mk1 GUV QHV No. KD9877557 Satlink	£26.99
374-161A BR Mk1 FK First Corridor Coach No. M13323 BR Maroon	£20.95
374-165 BR Mk1 FK First Corridor Coach No. M13341 Intercity	£22.95
374-167 BR Mk1 FK First Corridor Coach No. 13225 Regional Railways	£26.99</

Next Model Train & Meccano Sales - Friday 26th June, Friday 24th July & Friday 21st August 2020

PLEASE NOTE DUE TO THE COVID-19 RESTRICTIONS

There will be no viewing or attendance in person at auctions for the foreseeable future. Bids can be placed online before or during the live auction, also via commission and the telephone.

If you need any assistance with this contact us on admin@vectis.co.uk

Please check our website and social media pages for forthcoming Model Train sale dates.



**Items Always Wanted
for our Vintage & Modern
Train Auctions**

Contact **Michael Bond**

01642 750616

michael.bond@vectis.co.uk

Mike Delaney

01993 709424

mike.delaney@vectis.co.uk

Live internet bidding at
www.vectis.co.uk
www.invaluable.com

Vectis Auctions

Fleck Way, Thornaby
Stockton on Tees TS17 9JZ

Oxford Office

Unit 5A, West End
Industrial Estate, Witney
Oxon OX28 1UB

Vectis

"It's the ideal scale, so why didn't it catch on?"

It did.

"It's the ideal scale" is the comment people quite often say when looking at a 3mm scale layout for the very first time. It's smaller than 00 so you can get much more layout in a similar sized area and it's larger than N which is sometimes too small to get any real detail, so 3mm really is the 'Ideal Scale'.

The scale (3mm to 1ft) has remained popular since the 3mm Society began in 1965 during the failing popularity of Triang TT, providing support and modelling supplies for its members ever since. So you see, there's every reason to become a member of the Society right now. The ideal scale can be closer than you think!

- Vast stock of parts, kits, track & wheels
- Large stock of used items for sale
- Annual modelling competitions
- Local group meetings
- Free quarterly magazine
- Unequalled technical support



Full details on becoming a member of the Society are on our website or contact the Membership Secretary at mike.corp@blueyonder.co.uk or write to:
8 Springwood Drive, Henbury, Bristol BS10 7PU



THE 3mm SOCIETY

www.3mmsociety.org.uk

AC Models

Tel: 02380 610100

www.acmodelseastleigh.co.uk



Your one stop shop for the model enthusiast
selling new and secondhand Model Trains,
Slotcars, Radio Control, Warhammer Diecast etc.
Visit our shop for all your modelling needs.
Open 9-5 except for Wednesdays & Sundays.

Both shops are closed on Wednesdays and Sundays
Gift vouchers available

**Radio Control Department, Spares Department
and Games Workshop now at No.7**
www.acmodelsspares.co.uk

7/9 High Street, Eastleigh, Hants, SO50 5LB
email: info@acmodelseastleigh.co.uk

EVERYTHING YOU NEED FOR YOUR DIGITAL RAILWAY

DIGITRAINS

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

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

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

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

Don't leave that major purchase to chance!

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

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



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



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

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

**www.digitrains.co.uk
enquiries@digitrains.co.uk**

NEW PRODUCTS



MIKE PETT SUPERCASE FIGURES FRED DIBNAH AND BRUNEL

00

Tempted by a paperweight of your favourite engineering celebrity? Produced in cast metal, a selection of miniature 00 scale figures are available from Mike Pett Supercast, with optional plinths. Figures are available painted or unpainted and the heavy cast metal memorial-style plinths honour those that can be found at Bolton of Fred Dibnah, or the many of Brunel, at locations around London and Bristol.

Price: £1.99 (unpainted), £4.99 painted

W: mikepettsupercast@gmail.com



RT MODELS FORD 'D' SERIES PARTS

Introduced from 1965 and widespread throughout the UK and continental Europe, Ford's 'D' series was produced as a replacement to the Thames Trader until its successor, the Ford Cargo, was introduced in 1981. Vehicles saw a variety of uses, with flat-beds, box bodies, skip loaders, and tippers fitted. Tractor units were also soon introduced, with short single or twin-axle trailers commonly attached. Kit components can be purchased separately, allowing the modeller to construct a specific vehicle of choice.

Price: Cab: £10, chassis: £8, wheels: £2.50, body: £9.00

W: www.roadtransportimages.com



WAR WORLD SCENICS STATIC GRASS LAYERING SPRAY

Designed to dry faster than PVA glue, with little to no residue, this layering spray glue from War World Scenics is to be used when applying static grass. Combat flat static grass associated with the extended drying time of some PVA adhesives with this rattle can of specially-formulated glue. Particularly useful on hillsides, or for when applying more than one layer of grass, allowing modellers to make rapid scenic progress. Watch how it's used in this episode of BRM TV.

Price: £11.50

W: www.war-world.co.uk



HOWARD SCENIC SUPPLIES (HSSFPA) FLOWER PATCHES

Create a more vibrant village centre in summer with these pre-made flower patches from model scenery specialist, Howard Scenic Supplies. More cost-effective than buying individual bags of bright colours of scatter that might be wasted, they simply require a little glue to place in the centre of a village display or decorate a station platform. Alternatively, cut to shape and create hanging baskets at the entrance to pubs, cafés or shops. Suitable for most scales, each measuring 23x33mm.

Price: £3.95 (eight-pack)

W: www.howardscenicsupplies.co.uk

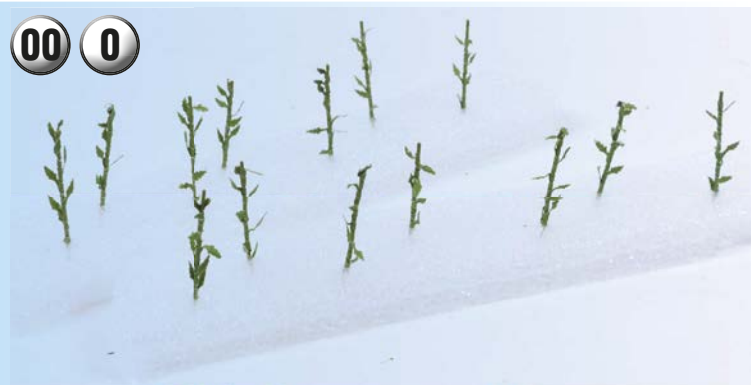
FINESCALE MODEL WORLD FOAM SAND PAPER



Ensure your models are finished to perfection with these new sandpapers from Finescale Model World. With a flexible foam backing, the paper can be easily torn to smaller sizes, if required, and are ideal for smoothing rounded shapes. Available in all common grit sizes of use to modellers, up to 800 grit.

Price: £TBA

W: www.finescalemodelworld.co.uk



TASMA PRODUCTS (00899) NETTLES

Often a sign of human or animal activity and favouring nitrogen-rich soils, nettles are one of the less-friendly weeds regularly seen around areas of rough farmland, scrubland, around ditches or against old brick buildings. Add variety to your patches of rough static grass on your layout with this 14-pack of the stinging plants, each measuring 20-25mm in height. Ideal for O gauge, though equally suitable for 00 gauge if planted a little lower. Plants have paper leaves wrapped around a painted steel wire frame.

Price: £7.50

W: www.themodelltreeshop.co.uk

VISIT WWW.WORLD-OF-RAILWAYS.CO.UK FOR THE LATEST PRODUCT NEWS



DEXTER'S COVE 3D-PRINTED STAIRS AND HORSE RIDERS

Joining the architectural range of model products offered by this manufacturer is a selection of stairs in OO and O scales. Offered in a variety of lengths and widths, with various platform options via its webshop, special custom options and special variations can be made to order. The high-resolution 3D resin-printed sets are ideal for adding intricate detail to a signal box or warehouse, whether kit or scratch-built. Joining its range of figures are horse riders, also 3D-printed and available in OO and O scales as a pair.

Price: Horses: £7 (OO) or £16 (O), Stairs: from £2.00 (OO) or £6.00 (O)

W: www.dexterscove.com

OO



PETER'S SPARES (PS107) REPLACEMENT HORNBY BUFFERS

Re-manufactured in injection-moulded plastic as a direct 'plug-and-play' replacement for Hornby (S8911) round buffers, this cost-effective four-pack of replacements can be used to repair older models, all while maintaining their original appearance. See the website for more after-market Hornby replacement parts and modelling consumables.

Price: £3.99

W: www.petersspares.com

WAR WORLD SCENICS PRO GRASS PRECISION APPLICATOR



Struggling to get your static grass into confined spaces without creating a mess? The Pro Grass Precision Applicator from War World Scenics is supplied with a 25ml tub of glue and two bags of 2mm and 4mm static grass fibres. Simply insert a 9V battery (not supplied), fill the nozzle head with grass fibres and switch on, ensuring glue has been applied to your work area, and that the crocodile clip is in close proximity to the glue. See more in this episode of BRM TV.

Price: £57.00

W: www.wwscenics.com

HOWARD SCENIC SUPPLIES (HSSVP3) VEGETABLE PATCHES



Though described as OO scale vegetable patches, these 60 x 45mm sheets of static grass with a fine-coloured flock coating could be used in 7mm:1ft scales, too. The dark blue patch could see use as a convincing depiction of lavender plants, the red or white as flower beds, perhaps? Ideal colourful additions to an allotment, front or back garden scene.

Price: £4.95 (three-pack)

W: www.howardscenicsupplies.co.uk

N



GAUGEMASTER (GMKD1006 AND GMKD1008) FACTORY BUILDINGS

Sold individually, though ideally positioned side-by-side on a layout for greater visual impact, these two brewery/factory buildings make a great modelling project while staying at home. Injection-moulded in plastic by Faller, these Kestrel Designs-rebranded kits are widely-distributed in the UK via Gaugemaster and its retail network. The range is perfect for beginners, requiring only a craft knife, solvent adhesive and emery files to construct.

Price: (GMKD1006) £24.00, (GMKD1008) £24.25

W: www.gaugemasterretail.com

TRAIN-TECH (RL1) RELAY CONTROLLER



Relays act like a switch contact and are a great way to switch on or off devices such as motors and solenoids that consume more current, to prevent switch damage. Train-tech's RL1 can be used to start a conveyor when a train is in position, control models remotely from a DCC handset, activate a turntable when a train passes a track sensor, or use to boost track sensor outputs to control motors, solenoids or lamps. The uses for this DCC or 12-16V smooth DC-powered solenoid unit are endless. Relays can be controlled by accessory addresses when using DCC, easily set up using its 'One-Touch' DCC setup. The RL1 has two separate relays, each with single pole changeover contacts that can switch up to 3A at 24V, AC or DC.

Price: £40.00

W: www.dcpexpress.com

HATTONS LNER A4

Words & photography: Andy York

Hattons production of the ready-to-run O gauge A4 'Pacifics' is an admirable project, bringing a top-link steam express locomotive to market for a similar price as we may expect a mass-market diesel. It's certainly impressive when you've carefully removed the model from its protective packaging and wooden plinth (that secures it well in transit) and take time to admire the vast array of fine detail.

O gauge steam locomotives have long been dominated by metal-bodied products, but the economies of injection-moulded plastic have been employed to bring a beautiful-looking model to the shelf at reasonable price, and Hattons has worked in consort with Heljan to produce this model.

Although the bodywork components are plastic, there is plenty of metal within the chassis construction and weighting in the boiler to ensure that this 2.3kg model has the mass and performance to tackle what is likely to be expected of it on a layout. In fact, it has exceeded the performance of its A3 model on test.

Our review model is of 60007 *Sir Nigel Gresley* in the livery it wore on main line railtours across the network in the mid-1990s, with a pleasing tone of British Railways express blue with black and white lining. The giveaway for the period is the inclusion of overhead warning flashes on the locomotive and tender, details that would not have been seen in this livery while in service in the 1950s. It also has a double chimney, which it never carried when in BR blue ownership.

Hattons, through the extensive tooling suite for the models, has provided for the significant variations within the class in the course of their life; single and double chimney locomotives with corridor and non-corridor tenders in streamlined and non-streamlined form. In each of the principal liveries from LNER silver as first



introduced through to the preservation era, Hattons has produced fully numbered and named locomotives, plus unnumbered models in LNER silver, LNER garter blue, British Railways express blue and British Railways green in early and late crest forms. There are a couple of significant liveries that have not yet been planned, LNER apple green and NE wartime black; maybe they will come about in the future?

Priced at £750 in all variations, I think anyone would be hard pressed to find a better value alternative. I have just priced a resin and brass kit up with the wheels, motor and gearbox and it comes to roughly the same price, then it has to be built, painted and decorated, which is many, many hours or a hefty bill to a professional builder and painter.

From the box the model is ready to go, as more of the additional parts supplied with the A3 are now factory-fitted on the A4, which is at a slight variation with the accompanying instruction booklet.

It is also very straightforward to fit a DCC decoder. The tender should be disconnected from the locomotive via the

drawbar screw, unplugging the connecting wire plug. The tender body is released by two screws beneath the tender chassis and the tender body can then be removed to reveal the socket for an ESU L-type decoder. If you wish to fit a sound speaker, there are two potential positions; below the decoder socket in the tender or below the chimney in the locomotive. Should you wish to fit

the speaker in the better position inside the smokebox, this will involve the removal of the locomotive body where the instructions should be followed very carefully as it involves removing the expansion link bracket.

The standard of finish and decoration is high. I have read some comments about the curved lining around the smokebox area of

From every angle Hattons' model gets the all-important look of an A4 spot on.



BASICS

Manufacturer: Hattons (in partnership with Heljan)

CATALOGUE REFS:

(H7-A4-001 - 2509) *Silver Link* in LNER silver with streamlined corridor tender
 (H7-A4-001A) - Unnumbered with single chimney and streamlined corridor tender in LNER silver
 (H7-A4-001A) - Unnumbered with single chimney and streamlined corridor tender in LNER silver
 (H7-A4-002) - 4468 *Mallard* in LNER garter blue with streamlined non-corridor tender
 (H7-A4-002A) - Unnumbered with single chimney and streamlined corridor tender in LNER garter blue
 (H7-A4-002B) - Unnumbered with single chimney and streamlined non-corridor tender in LNER garter blue
 (H7-A4-002C) - Unnumbered with single chimney and non-streamlined corridor tender in LNER garter blue
 (H7-A4-003) - 4468 *Mallard* in LNER garter blue with streamlined non-corridor tender
 (H7-A4-004) - 4489 *Dominion of Canada* in LNER garter blue with steel numbers/ letters and non-streamlined corridor tender
 (H7-A4-005) - 4464 *Bittern* in LNER garter blue with streamlined corridor tender
 (H7-A4-006) - 60007 *Sir Nigel Gresley* in BR express blue with non-streamlined corridor tender
 (H7-A4-006A) - Unnumbered with single chimney and non-streamlined corridor tender in BR express blue
 (H7-A4-006B) - Unnumbered with single chimney and streamlined non-corridor tender in BR express blue
 (H7-A4-007) - 60012 *Commonwealth of Australia* in BR green with early emblem and streamlined corridor tender
 (H7-A4-007A) - Unnumbered with single chimney and streamlined corridor tender in BR green with early emblem
 (H7-A4-007B) - Unnumbered with single chimney and streamlined non-corridor tender in BR green with early emblem
 (H7-A4-008) - 60009 *Union of South Africa* in BR green with late crest and non-streamlined corridor tender
 (H7-A4-008A) - Unnumbered with double chimney and non-streamlined corridor tender in BR green with late crest
 (H7-A4-008B) - Unnumbered with double chimney and streamlined non-corridor tender in BR green with late crest
 (H7-A4-009) - 60008 *Dwight D Eisenhower* in BR green with late crest and streamlined non-corridor tender

RRP: £750.00

Gauge/scale: 32mm gauge, 1:43 scale / O

Era: 1935 – preservation

Company/Operator: LNER, BR(E/NER/ScR)

Weight: 2,300g

Body and chassis: Die-cast chassis and running plate with plastic body

Minimum Curve Radius: 3ft 5in (2nd radius)

Couplings: Screw-link and buckeye to tender

Accessories: Fall plate, brake rodding, coal load



Portrayed in preserved form *Sir Nigel Gresley* sports commemorative plaques as the post-war record holder for steam locomotives on the side casing.

the locomotive. It is a horrendously complex area of changing shape and curvature, which must be a nightmare to tamper-print onto. However, I have found that the lining, which the degree of separation between white and black lines continuously changes, has been accurately spaced to give the illusion from the side elevation that the lines are equidistant. A very complex area indeed.

This model of *Sir Nigel Gresley* has polished steel treadplates on the streamlined casing over the cylinders, I've not been able to find a picture of the real *Sir Nigel* in this state, but I am assured that it was done on occasion when the locomotive was 'bulled-up' for some tours, but it's an attractive feature all the same.

I can't find anything to really fault on the model, bar the omission of the vertical cab handrail on the locomotive cab side. It was simply overlooked despite several stages of cross-checking. These things can happen when concentrating on other lesser detail, but, being honest, it's not a problem for a modeller to add their own if they so wish – that will be an awful lot easier than building a whole kit!

I've tested the model across a short section of O gauge track and pointwork and it's remarkably smooth and quiet. Sadly, I don't have the means to give it a longer loaded run, but I'm assured its capacities have exceeded the previous A3 so it should be good for a long train of kit-built coaches.

In short, this model is probably one of the most impressive RTR products I have unboxed and it will find a lot of loving homes and display cases given the price point. Even my wife cooed over it when she passed the photographic booth while preparing this review. I hope the photographs do the model justice, which it has been a pleasure to review.



Hattons comprehensive range includes corridor and non-corridor versions of tenders as well as streamlined and non-streamlined variants.



This model unusually features polished-steel treadplates over the cylinder area whilst the complex-shaped lining changes can be appreciated from this angle.

MegaPoints Controllers

Awesome layout control system

Have your dream mimic panel designed by us.

Self assembly with simple plug in connectors. ✓

Absolutley no soldering!

Works with analogue, digital and live steam. ✓

Professional appearance

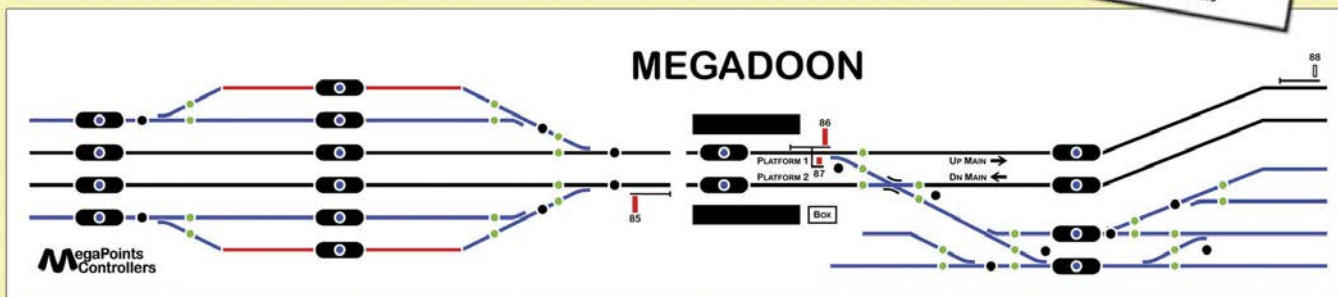
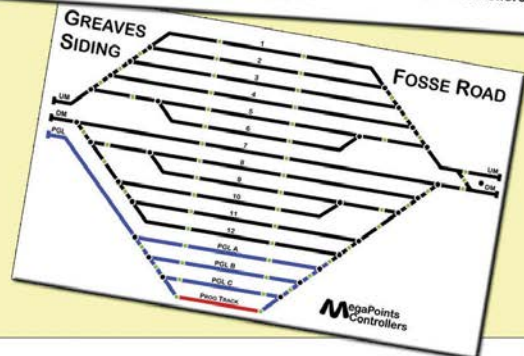
Simple single cable controls everything

Avoid the wiring mess.

Can display loco location via LED indicators on panel

Great for hidden sidings and operator feedback. ✓

Check out our website for panel examples.



Web & details: megapointscontrollers.com

Rev: 09-19

ORNATE HEADBOARDS

We have now created some of our 4mm/00 ornate multicolour headboards in 2mm/N and 7mm/0 scales.



PRE-WAR LNER HEADBOARDS NOW IN STOCK

(16 to select from)



PLINTHLESS NAMEPLATES...



By request we have a selection of GW/BR PLINTHLESS NAMEPLATE SETS. All of the KINGS CLASS is available, plus various HALLS, CASTLES & STARS.

SEARCH 'PLINTHLESS' ON OUR WEBSITE TO SEE ALL PLATES WITH THIS OPTION.

The Professional's Choice



FOX TRANSFERS LTD

TEL +44 (0)116 319 4950 (Quoting Dept BRM)

Dept BRM, Unit 5, Priory Business Park, Wistow Road, Kibworth, Leicestershire LE8 0RX, ENGLAND callers by appointment email: sales@fox-transfers.co.uk web: www.fox-transfers.co.uk



Sig-naTrak®

Model railway electronics by GFB Designs

Our popular DCC controller!



- ★ Up to 9999 train and 2044 accessory addresses
- ★ Trains and accessories can be named
- ★ Easy to use - elegant, clearly-labelled touch keys - clear, colour graphical display
- ★ Drive from the touch panel, or optional handsets
- ★ Integrated USB interface!
- ★ Generous 5A output!

£262.00

The ACE-2 (DCS2044-2H)

NMRA-compliant DCC controller with full decoder programming and reading. Computer control, XpressNet and LocoNet planned for 2020 - user upgradable! Compact: only 220x150x45mm!

May 2020 - UPDATE

Product development has re-commenced and we hope to have updated ACE software available by Autumn 2020.

Order delivery may take up to 3 weeks but we can usually ship in-stock items within 5-7 days.

Look out for our DAC22 - a new, improved version of the popular DAC20 8-channel DCC Accessory Decoder!

£30.00



The DRIVER (BHS1204) ACE Handset.

See website or send large-letter SAE for more details. (prices inc. VAT, p+p extra)
GFB Designs - WE put YOU in control!

Layout control modules - DCC or LocoNet™

- SIGM20 Colour-light Signal Controller - 6 or 8 outputs. £54.00
- DTM30 Digital Tower Master - 30 inputs & outputs. £63.00
- DSS1 Loco Shuttle - automatic train running sequences. £60.00
- MSC8 Scenery Animator - control lights, motors & servos. £30.00

67 Boddens Hill Road, Stockport, SK4 2DG

Tel: 0161 883 2022; fax: 0161 883 2077

(Sorry - no callers.)

Email: info@signatrak.co.uk; Web: www.signatrak.co.uk

RAILS/DAPOL

A1/A1X STROUDLY TERRIER

Words & photography: Andy York



Dapol's model looks right all round and scales out in all aspects. Certainly from the side elevation the blackened wheels and motion look more authentic.

The old Hornby (ex-Dapol) 0-6-0T 'Terrier' was certainly long in the tooth and was ready for a modern replacement. At the point of announcement by Dapol/Rails of Sheffield, research and design was well underway. Meanwhile, under wraps, Hornby was also working to replace its aged model and announced its version the January after, as featured in the 'James May's Big Trouble in Model Britain' BBC4 series, which led to a small arms race. Hornby was determined to get its to market first (as reviewed in **BRM** May 2019), while Rails and Dapol took the opportunity to make further improvements to their model. So, is there a difference?

The first four models of the 12 previously announced have now arrived, in the form of two BR lined black A1X examples in early and late crest guise, the umber LBSC livery

and K&ESR blue A1 early models, with the rest to follow. Such are the permutations of variations between the models to reflect the real things, there's a huge variety of potential to come, too. It should be noted that examples produced by Dapol are of the locomotives as they were in service and not as preserved. As there have been various changes and loose interpretations over the years, extensive research has been carried out to replicate this as accurately as is reasonable.

No longer does a generic model of a class suffice purporting to masquerade as individual locomotives with a 'one size fits none' approach, and so Rails and Dapol have worked upon extensive tooling to cater for the wide variety of observations of a class that were notionally referred to as 'Terriers' because of their exhaust bark.

The long story starts back in the early 1870s with the introduction of the A1 class for suburban work. Of the original class of 50 locomotives, 17 were rebuilt as A1X class with new boilers, extended smokeboxes and the removal of the sandboxes and condensing pipes.

Our review model represents *Bodiam* in Kent and East Sussex Railway's blue livery. The locomotive was built for the LB&SCR as No. 70 *Poplar* and sold to the Rother Valley Railway (later to become the K&ESR) in 1901, still in original A1 form. The front end of such locomotives is the best indicator of what class they are, with the short smokebox and wing plates extending to the front of the sandboxes, short hinges on the smokebox door and the smooth finish to the door surround. The model captures this face exquisitely and accurately. At the rear of the

locomotive, the model has the original style of bunker with open coal rails as added by the K&ESR after acquisition and a toolbox that sits on the bufferbeam.

It's a little unusual to see a OO gauge model without a coal load in the bunker, but I view that as a positive as it's more likely that modellers will bring a more accurate coal load to an in-service model. My thanks to James Hilsdon for allowing me to look at reference photographs of *Bodiam* in this form so that I can say with confidence that it has been accurately represented. The only minor points in that regards show that vacuum brake pipes and stands had been fitted to the bufferbeam at some point and that there were boltheads on the bunker sides for fixing the coal rails, but that would have meant a new cab tooling just for one locomotive. There are different cab backs between models, smoothed rivetted seam, bolted centre seam and a forthcoming single sheet; the top of the back extends into the roof, which looks a little odd under close examination but isn't overly intrusive. Beneath the boiler is a representation of the internal motion to the cylinders.

I won't fault any aspect of the decoration and livery; it is really nicely executed. One visual area of this model that I feel is better, in particular, is the blackened wheels, coupling rods and crank pins. Inside the cab, too, there are clear distinctions. Dapol's spectacle window glazing uses individual circular parts, better than the full width part used by Hornby, which means the gauges and piping are better portrayed. On top of that, the Dapol model has a firebox LED, which has random flickering even with analogue control, which can be tweaked on DCC models. The rear sheet of the cab even includes doors to the bunker on the interior, so that is really well executed, although I feel the mustard yellow flooring is crying out for toning down. It will be a tight fit to get a crew in there but it would certainly look better manned.

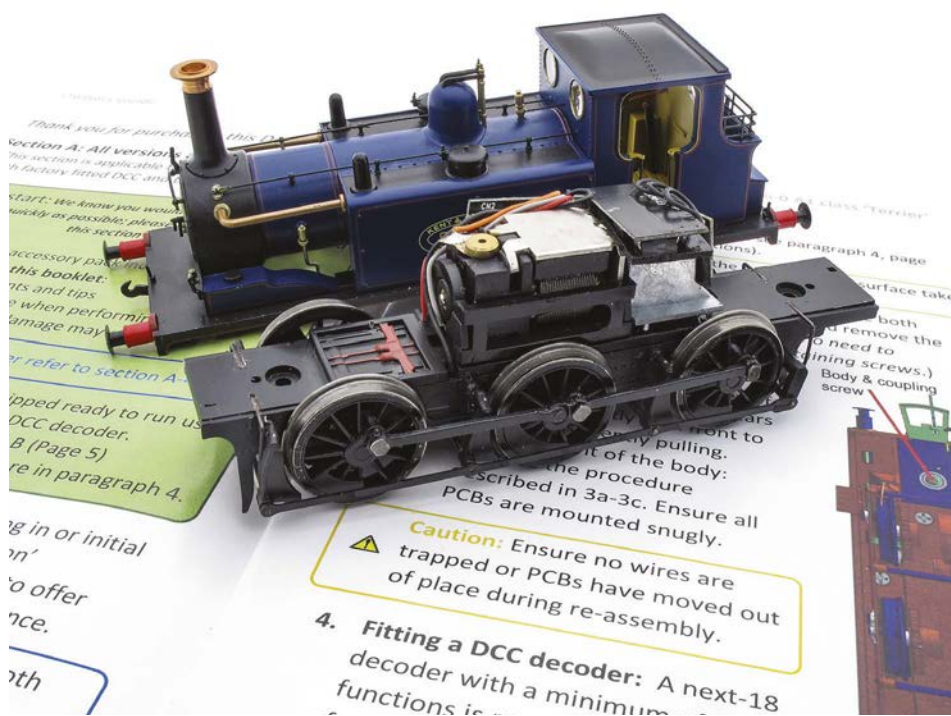
For the photographs, I removed the tension-lock couplings as they look monstrous on such a diminutive and elegant model. To remove the body, simply unscrew the NEM coupling pockets and lift the body from the running plate. A thin-bladed screwdriver may be necessary just above the securing points if it doesn't immediately separate. On lifting the body away, I managed to separate one of the wires from the inbuilt speaker but it's a straightforward fix. Inside we get to see the compact five-pole motor, circuitry and Next18 decoder

socket. I do like the Next18 standard as it doesn't waste space and is the easiest decoder type to fit. Rails will be providing sound-fitted models in due course, but sound fitting would be as simple as it comes, thanks to that speaker which has been pre-fitted inside the tank body.

Although the model only weighs in at 100g, it feels nicely balanced and I know Dapol has worked to get good adhesive mass into the model with a die-cast chassis and running plate; its performance on the test track wasn't a problem with six coaches on the flat. The motor is smooth and adequately quiet with good performance over pointwork. Electrical pickup is via copper contacts to the rear of the wheel faces, which can be accessed after removing the keeper plate. There is also a degree of vertical springing to the centre axle, which helps to maintain contact over any slightly raised areas of trackwork.

In summary, this is a very well executed model of an attractive and interesting prototype. Yes, there are differences between this and its competitor. Which one is better for you may depend on which permutation is available, but in a head-to-head my decision is on the Rails/Dapol side due to the ease of DCC fitting, sound provision and additional functionality; a technical win. In addition, there is a greater variety of models available, with clear evidence that the tooling produced will be able to replicate virtually every locomotive in this complex class.

Dapol provide excellent instructions making DCC and sound fitting simple.



datafile

BASICS

Manufacturer: Rails of Sheffield in partnership with Dapol

CATALOGUE REFS:

(4S-010-001) A1 *Boxhill*, Stroudley improved engine green, No. 82

(4S-010-002) A1 K&ESR *Bodiam*, blue

(4S-010-003) A1 SE&CR, lined green, No. 751

(4S-010-004) A1X Lined Southern green, No. 2644

(4S-010-005) A1X BR lined black early crest, 32655

(4S-010-006) A1X BR lined black late crest, 32662

(4S-010-007) A1 *Brighton* (Gold medal), LBSC Stroudley improved engine green

(4S-010-008) A1X WC&PR lined green No. 4

(4S-010-009) A1 LB&SC umber No. 643

(4S-010-010) A1X Class GWR green No. 6

(4S-010-011) A1X Class *Fishbourne*

Southern green, W9

(4S-010-012) A1X Class BR lined black E/Crest IoW, 32650

Code numbers available with D suffix for DCC fitted and S for sound-fitted options.

RRP: £110 DC, £140 DCC-fitted, £239 DCC sound-fitted

Gauge/scale: 16.5mm gauge, 1:76 scale / OO

Era: 1872 - preservation

Company/Operator: LB&SCR, SR, BR(S)

Weight: 100g

Body and chassis: Die-cast chassis and running plate with plastic body

Minimum Curve Radius: 263.5mm (R2)

Couplings: NEM-mounted tension-lock

DAPOL GWR 14XX 0-4-2T

Words: Howard Smith Photography: Andy York



One of the most antiquated of locomotive designs for its time, the GWR's Collett 14XX Class can trace its roots back to the railway's George Armstrong 517 Class of 1868. Numbered 4800 to 4874 when introduced from 1932, the final locomotives of the 75-strong Class survived into the 1960s, with No. 1450 being the last locomotive to see active service, retiring from Oxford shed in May, 1965.

Locomotives were built with auto gear for working with auto trailers and fitted with Automatic Train Control (ATC). A later batch of locomotives numbered 5800 to 5819 were constructed in 1933, without auto gear, though some class members would be fitted with ATC equipment, later.

The flyweight 0-4-2 wheel configuration suited the Class for its light passenger and mixed-freight duties, being six tonnes lighter than a 57XX 0-6-0T 'Pannier'

locomotive. They were more efficient in their consumption of fuel for their given duties owing to their lower boiler pressure, smaller 16in diameter cylinders and larger 5ft 2in driving wheels, enabling the GWR to maintain many rural passenger and pick-up freight services across its vast network of secondary routes, from the South West, through the Midlands and Wales. No. 1450 became a celebrity when featured in the 1953 film, *The Titfield Thunderbolt* and has been preserved with three others, Nos. 1420, 1442 and 1466.

Models of the 14XX and 58XX Classes were announced for O gauge by Dapol at the Telford Gauge O Guild exhibition in

September, 2017. Models are now arriving with customers and Dapol has kindly offered a review sample of No. 5819 in unlined black with early BR crest for scrutiny.

FROM THE BOX

A plastic frame in two halves, screwed together, secures the locomotive inside the foam within the box. The solution parts from the manufacturer's traditional foam-only packaging, which was prone to catch fine details if not lifted with care from the box. An upgrade, then?

An 0-4-2T wheel configuration is a challenge to ensure correct weighting over the driven axles without neglecting the springing of the trailing axle to prevent derailling if running in reverse. Dapol's model runs smoothly and confidently, however, thanks to a weight balance point in the centre of the hub of the rear driving axle and the design of its die-cast chassis and running plate. The even weight distribution is managed by the chassis across potential track undulations by a vertically-sprung rear driving axle and a compensated trailing axle. The leading axle is rigid, providing stability. Its 697g weight isn't much for O gauge, but is quite adequate for the small four-coupled locomotive, which often would only be tasked with a few bogie coaches, at most. Dapol's model offers great slow-running capabilities.

The manufacturer has made an excellent effort at capturing the lines and details of the prototype. Early CAD images revealed by the manufacturer and posted on *Rmweb.co.uk* highlighted minor detail discrepancies on riveted panels joins, which Dapol has corrected before production, demonstrating it values customer feedback.

QUICK FIT

Dapol's new 0-4-2Ts are available in DC, DCC, or DCC sound-fitted guises. For modellers wishing to upgrade DC models – regardless of manufacturer – to DCC or DCC sound at a later date, a common headache has been in the disassembly of locomotives, without damaging intricate detail. Dapol's considered solution for rapid Printed Circuit Board (PCB) access is to offer a smokebox door, which can be gently prised from the boiler using the hinged side for leverage – don't pull on it using the smokebox dart or these might break! The PCB then slides out, offering a straightforward fit, and slides back in, engaging easily. DCC fitting has never been so logical – a new industry standard, we hope.

A further design consideration made by the manufacturer is its removable cab roof, allowing crew to be positioned in the cab easily. Held in-situ by magnets, it's a snug fit, and prevents the use of adhesives by modellers, particularly helpful given the close proximity of the glazed cab windows.

CAB DELIGHTS

Inside the cab, backhead detail is exquisite. Gauges are clearly legible, right down to the needles, with discernible numeration to the

face of dials – the best I've seen on an RTR model in the scale. The pipes feeding these are highlighted with an authentic shade of copper paint.

Boiler water level sight gauges are painted a copper colour, with correct black and white stripes as would be seen behind the glass. It would appear that decals have been used for these stripes. Regulator and reverser are picked out in red, with silver handles. Completing the look is the ATC cab apparatus in the corner and a flickering LED light located in the firebox – a subtle yet satisfying animation, which complements DCC sound-fitted models.

EXTERNAL TRAITS

Un-numbered versions of each livery are available, allowing modellers to model specific locomotives. A great deal of effort has been made to ensure the locomotive shape looks correct. When placed side-by-side with RTR locomotives of etched construction, which carried an RRP of more than double the price, or more, it's difficult to discern where the extra value is over this injection-moulded plastic equivalent. Perhaps the thickness of the thinner brass around the water tank tops is the only noticeable difference? The shapes on this locomotive all look correct, as does the excellent rivet detail, which surrounds a great deal of the model. Particular favourite areas for me have to be the sanding gear rods to the front, boiler wash-out plugs and two whistles. Sprung metal buffers and articulated screw couplings are provided.

Battery boxes for the ATC equipment are modelled, located behind the trailing axle on the driver's side. Modellers seeking to refine detail will be hard-pushed to find

The cab interior is refined, with a subtle firebox glow effect, provided by an LED. Safety valve detail is exquisite and worthy of mention, too.



datafile

BASICS

Manufacturer: Dapol Ltd

CATALOGUE REFS:

(7S-006-052) 58XX Class BR early crest black, No. 5819

RRP: £225.00 (DC), £250.00 (DCC-fitted), £400.00 (DCC sound-fitted)

Gauge/scale: 32mm gauge, 1:43.5 scale O

Era: 3 to 5

Company/Operator: GWR/BR

Weight: 697g

Body and chassis: Die-cast chassis with plastic body

Minimum Curve Radius: 438mm (R2)

Couplings: Working screw-link

much at fault, though the smokebox door number and shed plate could be enhanced with raised etched replacements over the printed versions present. Handrails and lamp brackets are separately-applied and well-observed.

IN SUMMARY

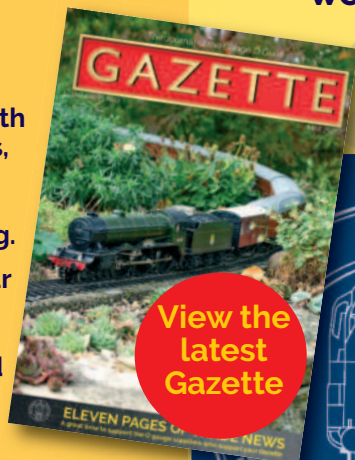
Dapol's 14XX models are an ideal companion to its recently-released GWR autococh to form a short push-pull consist. The manufacturer's 58XX iterations are ideal for running with kit-built four-wheel coaches if running an earlier period, or with later bogie non-corridor stock, or a selection of goods vehicles for the BR period. These small and accessible locomotives are making a large impression, finding homes with many new and existing O gauge modellers, enticing more to adopt the scale. Highly-recommended.

BE PART OF SOMETHING SPECIAL

THE BIGGEST SINGLE GAUGE MODEL RAILWAY NETWORK

Membership brings
you...everything you
need in O gauge

- A high quality quarterly colour magazine, the *Gazette*, packed with layouts, kit reviews, trade news and pages of trade support advertising.
- Plus *Guild News* our newsletter with reports from local groups, events and readers' classifieds.
- Full technical support service and technical manual
- Annual events including spring, summer and autumn shows
- Friendly local groups with local events.
- Modelling Workshops and much more...



Whether you are just starting out in O Gauge or an old hand, the Gauge O Guild is here to help you get the best from your hobby. With a worldwide membership and internationally recognised exhibitions the Gauge O Guild is the undisputed number one in 7mm modelling.

MEMBERSHIP OFFER

Join before the end of
June 2020 for just
£21 UK or £24 ROW

This includes August, November and February '21 Gazettes, plus discounted entry into Guild Shows and full access to the Guild Forum and Website

MORE ABOUT THIS OFFER



Discover more about the Gauge O Guild

www.gaugeoguild.com

**SUBSCRIBE
FOR JUST
£39.99
A YEAR!**

BRM

BRITISH RAILWAY MODELLING

THE MAGAZINE FOR RAILWAY MODELLERS
Download and Subscribe today!

Download
today at
[www.brmm.ag/
digitalbrm](http://www.brmm.ag/digitalbrm)

**Your favourite railway modelling magazine
is available as a digital edition, bringing
with it a mass of benefits!**

- Extra videos
- Unseen layout pictures
- BRM TV
- On-sale a week before the print edition
- Save money



Illustrated Catalogues Inc. post

00, 009 (1/76th).....£6.50 in colour
N Catalogue (1/148th).....£5.50 in colour
O Catalogue (1/43rd).....£4.50 in colour

Mail Order By Return P&P £4, over £40 POST FREE.
Unpainted metal kits - glue with epoxy glue (£7.00)

LANGLEY MODELS

166 Three Bridges Road, Crawley, Sussex, RH10 1LE
Tel: 01293 516329 • www.langleymodels.co.uk



00 SCALE Gravestones £7.55, church board and crucifix £6.05, lych gate £8.00
Wedding scene £8.30, GWR Water Tower £9.55 LMS Parachute water tower £9.55
Loads of other kits in our illustrated colour catalogue www.langleymodels.co.uk



4 x Lightweight pallets and sack loads	£ 5.15	Nightwatchman with hut & brazier	£ 7.90
Building Skip with Rubbish load	£ 7.15	2 prams, childrens trolley & 3 figures	£ 6.80
10 Children playing (modern 80's)	£ 7.40	Wishing well and Dove cot	£ 5.25
Royal Mail Tricycle and Box ind transfers	£ 7.40	8 Police/traffic wardens/school Xing figs	£ 7.50
Windmill-Smook Mill (detailed brass-etch)	£ 132.40	Crazy Golf course set- figures, flags etc	£ 25.40
6 Tennis Players in action poses	£ 5.90	4 Platform double bench seats	£ 4.60
Tennis umpire linesmen & ballboys 7 figs	£ 6.10	10 pieces of platform luggage	£ 4.60
4 Postman and 1 Bicycle	£ 5.95	4 15' Platform canopy pillars	£ 5.60
2xPub table/bench unit (laser cut in real wood)	£ 5.45	8 x small station canopy brackets	£ 5.60
6 WW2 Army Figures Released poses	£ 6.40	5xStation Vantage pointed trim	£ 5.60
6x WW2 Army Figures in action poses	£ 6.40	5x Station Vantage ball trim	£ 5.60
Seated Coach Passengers set 1	£ 5.70	10 Geese & Turkeys	£ 6.35
Seated Coach Passengers set 2	£ 5.70	Beach Set Inc figs, lilo's & sandcastle's etc	£ 8.90
Seated Coach Passengers set 3	£ 5.70	3 Assorted Donkeys & Rider	£ 8.25
8 assorted Walking Women	£ 7.15	TV Aerials/Weather vanes	£ 12.30
8 assorted Walking Men	£ 7.15	Cub Scouts camping 1930on, figs&tents	£ 12.90
4 Lineside Men digging, bolt greaser bolt tightener pair	£ 4.80	10ft Atlantic Canvas Scout Tent	£ 5.95
4 Lineside men set2 3 track straighteners + pickaxe	£ 4.80	1960's onwards Cub / Scouts on Parade	£ 8.40
4 Seated lying down drunks	£ 4.80	Pre 1950's Cub/Scout on Parade	£ 8.40
4 drunks/wins dancing, puking, peeing and sleeping	£ 4.80	1960's on Cubs/Scouts & Flag Bearers	£ 8.40
6 1950's Station figs guards fat controller porter etc	£ 6.30	pre 50's Cub/Scouts & flag bearers	£ 8.40
6 ass Gravestones, Pick, shovel and lamp holders	£ 6.30	8 assorted Sailors	£ 7.50
Canadian Canoe and 2 paddling figs	£ 6.85	3 Council Workers and Hand Cart	£ 8.30
Canadian Canoe paddling and resting figure	£ 6.85	10 Seated Spectators	£ 7.90
3 Deep-sea Divers, 2 helpers, compressor	£ 6.75	6 Ass Boilermakers/loco repair figs	£ 6.05



N Scale Large Station Boards x 2
£3.85 (small £3.65)
Leyland Freightier Skip
Lorry £9.40



2 Horse Plough and Ploughman	£ 5.30	Beehives and bee-keepers	£ 4.95
Ass Loco Vacuum Pipes	£ 3.10	6 Bulk Building Bags	£ 4.20
Childrens Playground & figures	£ 9.80	Garage Forecourt scene (1920/30's)	£ 8.35
Church Lych Gate	£ 5.20	Lattice footbridge	£ 23.15
Church Notice Board & Crucifix	£ 4.20	6 barrels (wooden style)& 6 milk churns £	£ 3.85
Forresters saw horse set and axe	£ 4.95	Grave & Tombstones - assorted	£ 4.60
6 Large (50 gallon) Oak Barrels	£ 4.20	2 trackside ballast bins	£ 3.25
Water Butt and 5 Tubs	£ 4.20	trackside Relay boxes (3 types)	£ 3.25
12 Wharfedale Bollards	£ 4.20	Coal Stalithes (bunkers) & nameboard	£ 8.80
Lifebelts & Stands	£ 4.20	Platelayers hut	£ 6.05
12 Chimneys(round/tapered/Hexagonal) £	£ 3.65	6 dummy Point motors	£ 4.50
Welding Figures & Equipment	£ 4.95	2 Costermongers & barrows	£ 4.25
2 Relaxed Loco Crew	£ 1.95	SR and GWR Fencing - etched brass	£ 12.50
5 x Gardeners & Equipment	£ 5.30	Fencing and gates - etched brass	£ 5.50
Flower pots & tubs & gardening equip	£ 5.60	assorted Figures	£ 5.50
7 x Figures in working poses	£ 5.30	LNWR/LMS Signal box & interior	£ 28.35
9 x Ass Standing Station figures	£ 5.50	Pavilion(cricketer,football,cafe,scouts etc)	£ 19.95
Gantry Hoist	£ 5.85	Conservatory, chairs & tables	£ 11.00
New Gibbet Crane (wall or floor mounted) £	£ 4.95	Greenhouses & garden sheds	£ 11.00
Air Compressor & Electricity Generator £	£ 7.10	War Memorial	£ 3.90
4 pallets & hydraulic pallet truck	£ 4.70	Cliff Railway Incl coaches & motorizing £	£ 127.40



N Gauge Society Coat of many colours

RTR Hunslet Shunter
Which livery will you choose?



15 liveries * Working lights * 50t and 55t variants



Only available to members - join today!



For introductory pack giving details of membership benefits, plus a free sample Journal, send £1.50 to:
Dept 6RM, 52 Gainsborough Road, Wallasey, Merseyside CH45 8PT

www.ngauesociety.com

Underwritten by

ansvar
insuring the heart of your community

magnet
insurance

SPECIALIST MODEL RAILWAY COLLECTION INSURANCE

from £67.20* per annum

Full policy terms and conditions available at:
www.modelrailwayinsurance.co.uk

*Based on sums insured of £12,500

Our Model Railway Collection Policy is designed for individuals who own and/or exhibit their own Model Railway, including Garden Railways and Model Railway Engineers (up to a track width of 7.25 inches/185mm).

The policy provides cover anywhere in the UK at any location, including in transit and whilst at an exhibition. Optional cover can be added to include Public Liability for ride-on passenger carrying locomotives and rolling stock.

We also offer:
Exhibition Insurance
Club or Society Insurance

Call us on
01636 858249



www.modelrailwayinsurance.co.uk
Newark Beacon, Cafferata Way, Newark, NG24 2TN
Authorised and regulated by the Financial Conduct Authority



MARCWAY POINTWORK

PROFESSIONAL Est. 56 Years
RENNOW FOR QUALITY

UNRIVALLED EXPERTISE IN TRACK AND POINTWORK
Ranges available in gauges 1, 0, SM32, 00, EM, HO 0-16.5.
All are ready to run and spray finished. SAE or phone for leaflet

MARCWAY 00 Gauge or EM GAUGE POINTS

36" Radius Points Left or Right Hand	£29.50
48" Radius Points Left or Right Hand	£29.50
54" Radius Points Left or Right Hand	£29.50
72" Radius Points Left or Right Hand	£29.50
90" Radius Points Left or Right Hand	£29.50
108" Radius Points Left or Right Hand	£29.50
48" Radius Double Junction curved through diamond L or R £225.00	£19.99
48" Radius Double Junction straight through diamond L or R £225.00	£19.99
Diamond Crossing 48" radius angle	£69.50
Diamond Crossing with one road curved for 72" angle	£79.00
Double Slip Point 48" radius angle	£120.00
Single Slip Point 48" radius angle	£39.00
36" or 72" Radius wye points	£29.50
36" or 54" Radius 3 way points (offset)	£105.00
Tandem 3 way points Left or Right hand	£105.00
36/28" Radius curved points Left or Right	£59.50
Injection moulded flex track to match 00 (offset) box 10 yds £39.50	£59.50
Double track cross overs facing RH or trailing LH	£110.00
Scissors cross over	£325.00
Introductory offer 4 x 36 or 48 radius points LH & RH. £108.00	£108.00
Layout planner full size photo state of 00 or EM ranges. £6.25	£6.25
Injection moulded flex track to match 00 (offset) box 10 yds £39.50	£39.50
Double track cross overs facing RH or trailing LH	£110.00
Scissors cross over	£325.00
Introductory offer 4 x 36 or 48 radius points LH & RH. £108.00	£108.00
Layout planner full size photo state of 00 or EM ranges. £6.25	£6.25
Injection moulded flex track to match 00 (offset) box 10 yds £39.50	£39.50
Double track cross overs facing RH or trailing LH	£110.00
Scissors cross over	£325.00

PCB, SLEEPING, RAILS, TEMPLATES, GAUGES, KITS ETC



SCALE FLEXIBLE TRACKS by MARCWAY
Injection moulded plastic based. Finely detailed and proportioned to capture bullhead trackwork of the British Steam Era
0 Gauge 0 Track 125BH Rail Nickle Silver, Box of 10 yards

Custom Pointwork
We construct custom pointwork & junctions in any gauge to your required specifications. All gauges 0, 1, 6 including Dual Gauge & American 0 & Narrow Gauges.
PHONE MARC 01709 542951
(not always manned)
TECHNICAL & CUSTOM POINTWORK

Q, 00, EM & P4 gauges

NEW OBSOLETE HORNBLY
As well as the current range of Hornby, we carry 100's of new obsolete locos, no longer available, also rolling stock etc
www.marcway.net

MARCWAY SCALE MODELS

VISIT OUR SPACIOUS SHOP - 1200sq ft Sales Area • SHOP OPEN 10am-4pm CLOSED WEDNESDAYS
Phone, Fax or Post your order. marcway.net has full Marcway Pointwork list
HORNBLY & SCALEXTRIC MAIN AGENTS Pecco - Farish - Gaugemaster - Bachmann etc. Sets, Train Packs, Locos & Rolling Stock, Track Controls & Accessories etc. Also modellers tools, airbrushes, paints, plastic, metal and wood section and sheet. **Secondhand equipment bought and sold. Vast selection combined with helpful & friendly service - Free technical advice by phone or in store**

598-600 ATTERCLIFFE RD, SHEFFIELD S9 3QS
SITUATED 2 MILES FROM M1 JUNC 34 (Meadowhall Exit) 200yds from Attercliffe Tram Stop

In The Greenwood LASER

**Our Ultra-Low Relief Northlight
Factory Range - a perfect backing to your layout**



NL001 - NL004 from **£5.00**



PC001 Canopies
£6.00

BS002
Bandstand
£8.50



SB003
Signal Box
£14.00



ST005
Hesketh Station
£20.00



ST006 Half Relief
Hesketh Station
£13.00

For the full range visit

www.inthegreenwoodlaser.co.uk

CM3MODELS

**CARD PACK
FOR SCALESCENES
LAYOUT IN A
BOX NOW
AVAILABLE**



LAYOUT BUILDING SUPPLIES

Seafoam trees, Foliage / Lichen and Scatters

25 & 50mm Rubberised Horsehair

Teddy Bear Fur for grass and embankments

Plaster Bandage, LasidDCC Chips

Wire, Connectors, Switches for both

DCC & Conventional wiring. DCC wiring kits

Modelling Card compatible with Scalescenics Kits

Call: 0333 0502763 • Email: sales@cm3models.co.uk

www.cm3models.co.uk

BOOK LAW PUBLICATIONS

382 Carlton Hill, NOTTINGHAM. NG4 1JA

THE UK's Leading Transport Book Publisher.



Hot Line Orders : Tele ; 0115 961 1066 ; FAX 01623 792704 www.booklaw.co.uk

The Heyday of the Early
**BRITISH RAIL
DIESELS 2**



**GRAVEYARDS
OF STEAM**
Private and Public Scrapyards During
The Later Days of Steam



The Last Years of Steam on the
**WESTERN
REGION**



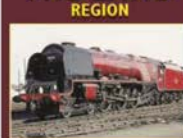
The Heyday of the
**BR STANDARD
LOCOMOTIVES**



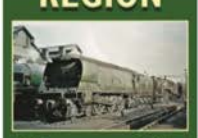
The Heyday of the Early
**BRITISH RAIL
DIESELS**



The Last Years of Steam on the
**LONDON
MIDLAND
REGION**



The Last Years of Steam on the
**SOUTHERN
REGION**



STEAM MEMORIES IN BRIT : 1950's - 1960's
SCOTTISH REGION ENGINE SHEDS



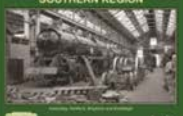
STEAM MEMORIES IN BRIT : 1950's - 1960's
LEEDS AND DISTRICT ENGINE SHEDS 1



STEAM MEMORIES IN BRIT : 1950's - 1960's
LEEDS AND DISTRICT ENGINE SHEDS 2



STEAM MEMORIES IN BRIT : 1950's - 1960's
**BR LOCOMOTIVE WORKSHOPS
SOUTHERN REGION**



STEAM MEMORIES IN BRIT : 1950's - 1960's
**BR LOCOMOTIVE WORKSHOPS
SCOTTISH REGION**



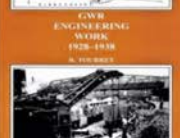
STEAM MEMORIES IN BRIT : 1950's - 1960's
**BR LOCOMOTIVE WORKSHOPS
MIDLAND REGION**



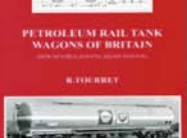
STEAM MEMORIES IN BRIT : 1950's - 1960's
NORTH EASTERN ENGINE SHEDS 5



GWR
ENGINEERING
WORKS
1928-1938
A. H. HARRIS



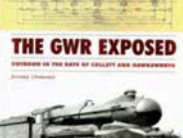
PETROLEUM RAIL TANK
WAGONS OF BRITAIN
R. H. HARRIS



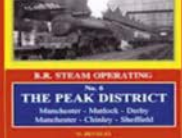
WARTIME LMS
L. G. WARBURTON



THE GWR EXPOSED
DESIGNED IN THE DAYS OF COLLECTOR AND PHOTOGRAPHER
JOSEPH HARRIS



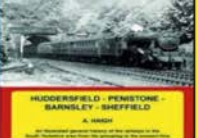
The District Controller's View
THE PEAK DISTRICT
M. HARRIS



THE LONDON, MIDLAND AND NORTHERN
**LOCOMOTIVE
BOILERS**
A. HARRIS



RAILWAYS THROUGH
**SUMMER WINE
COUNTRY**
A. HARRIS



£33.00 - £14.99

£33.00 Now £14.99

£19.99 Now £9.99

£30.00 Now £14.99

Xpress Titles ALL ONE PRICE NOW **£7.99 EACH**

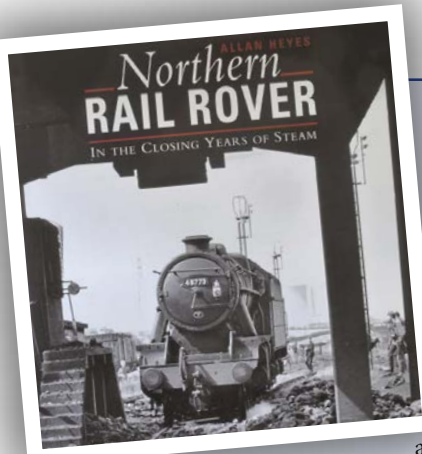
SHOP OPEN :- Mon - Sat 10.00am - 3.30pm

Orders Above £30.00 Sent POST FREE

Overseas : Customers will be notified of P&P costs. - Send For Our Latest 64 Colour Catalogue - Available On Line

TRADE SUPPLIED

Please Quote - BRM 06/20 - When Ordering



NORTHERN RAIL ROVER IN THE CLOSING YEARS OF STEAM, by Allan Heyes

The end of the steam period on BR up to 1968 has seen a rise in popularity as the decades have passed, and this splendid book is a reminder of how interesting (though, on occasions depressing), the time was. Apart from a last fling on the ex-LSWR road to Bournemouth and Weymouth, steam tended to be driven further northwards by the inexorable stream of diesel and electric motive power; as reflected in this volume. By drawing an imaginary line north eastwards from Cheshire through to Yorkshire, and then taking in every county north of that, we're shown a fascinating picture of steam's last strongholds, rapidly being eroded as the 1960s progressed. The first chapter was of particular interest to me because, as a Cestrian (a native of Chester), I witnessed the passage of the 'Zulu' and the 'Birkenhead Flier' from exactly the same city walls' bridge as the author/photographer (five minutes' walk from my home at the time). The chapter on Merseyside was of equal interest because during my first year of teacher training at Ormskirk in 1967/'68, I witnessed the last steam-hauled expresses between Liverpool Exchange and

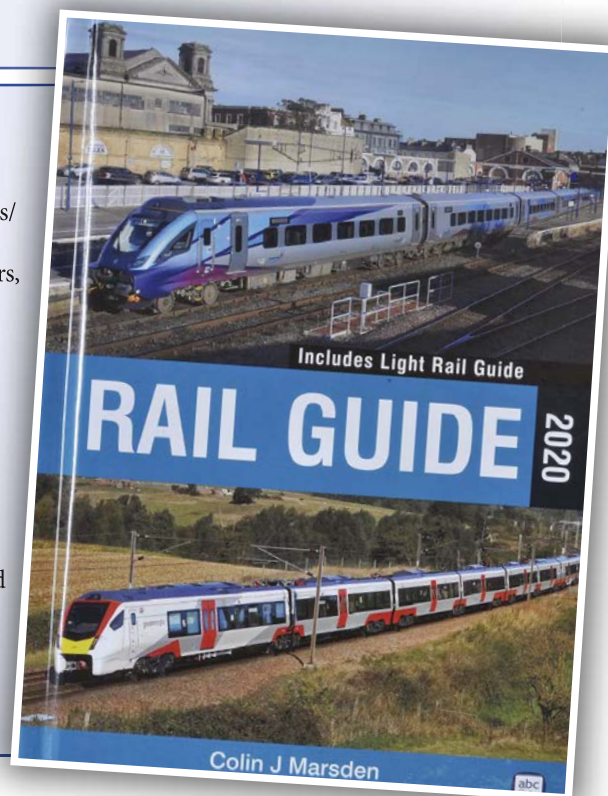
Preston (by the way, the 'lurking EMUs' at Exchange on page 29, aren't EMUs at all – they're DMUs!), but, foolishly, I didn't take pictures. All in all, this is a splendid presentation. The photography is good, the reproduction (all in B&W) is first class and the captions are informative and accurate. Don't expect any glamour; apart from a couple of clean A4s in Scotland, most of the locomotives are heroically-filthy and most 'namers' shown are now anonymous. For modellers of the period, it's an invaluable source of reference; not just for those with an interest in locomotives and stock, but for the whole steam-age infrastructure so graphically-illustrated, just about all now gone! It's not just BR scenes, either. Industrial systems get a look-in as well. The 'moggy' on page 32 just about sums up the time – scruffy but still going! At the price, it represents outstanding value for money, and I thoroughly recommend it.

Price: £20.00 W: www.crecy.co.uk

RAIL GUIDE 2020 (INCLUDES LIGHT RAIL GUIDE), by Colin J Marsden

This is the annual, most-comprehensive guide to the nation's railways, and follows the usual format of listing everything currently in operation, including preserved stock. Almost half the book lists the passenger train operating companies and the locomotives/stock that each one runs. This is logical, enabling the reader to rapidly locate what's required. The same procedure follows for freight operating companies, private operators, infrastructure companies, train engineering companies, reconditioned locomotive suppliers, rolling stock hire companies, private train operators & support coaches, off-lease rolling stock, ex-BR industrial locomotives, UK exported motive power, Irish railways, Transport for London (Underground and trams), tramways, the Isle of Man, UK heritage railways, coupling codes & couplings and various rail data tables. As I say, comprehensive indeed! It's also comprehensively-illustrated in full colour throughout. For every railway enthusiast, I'd regard this volume as a necessity, especially to railway modellers of the current scene. They might need sunglasses to fully appreciate the myriad of polychromatic liveries, mind! They'll probably need a sense of humour as well to get full value from the names now given to certain classes. In my day, we giggled at the likes of *Pretty Polly*, but *Flying Scouseman* on a Pendolino? If nothing else, this book shows how vast a variety there still is on our home railways. Recommended.

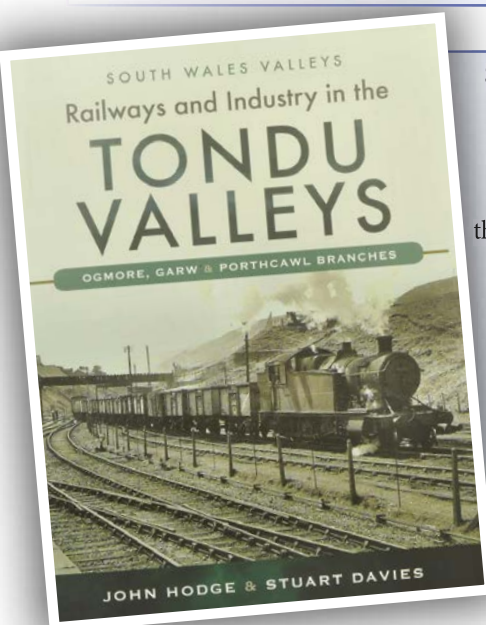
Price: £25.00 W: www.crecy.co.uk



SOUTH WALES VALLEYS, RAILWAYS AND INDUSTRY IN THE TONDU VALLEYS OGMORE, GARW & PORTCAWL BRANCHES, by John Hodge & Stuart Davies

The South Wales valleys were renowned for their coal, and the industries which grew up around this most-valuable resource – the fuel of the Industrial Revolution. The railways were a vital part of the whole industry, and this excellent book takes us on a mainly pictorial journey (in colour and B&W) of the valleys in the title. As expected, most of the photographic coverage dates from BR (WR) steam days, but there are several earlier images as well. The colour work is mainly of diesels (post-BR), going up to 2015. Interestingly, even in some of those later shots, splendid ex-GWR lower-quadrant semaphores still survive. Apart from a few exceptions, the photographs have reproduced very well and are complemented by accurate and informative captions. For anyone contemplating building a model of any of the lines/collieries described, this book is an invaluable source of reference; it complements the two earlier volumes on the SW Valleys by the same publisher. As always with works such as this, one encounters a profound sense of loss. Even where lines and services remain, there's so little left from the really busy times of yore. Good value for money, and recommended.

Price: £30.00 W: www.pen-and-sword.co.uk



Building a Model Railway DVDs

By Phil Parker

There is a wealth of video content available to railway modellers. BRM TV has been in production for over five years and YouTube is awash with self-created tutorials and reviews of varying quality. It's rare though, to have the chance to follow the construction of a single layout from conception to completion.

Filmed over 12 months, this professionally-produced series claims to do just this. Aimed at the newcomer, there is still plenty to interest the more experienced modeller.



From part one, building a hill with a tunnel. The ground will eventually be built up with Woodland Scenics Shaper Sheet.

Part 1 – From Start to finish

Presenter Stewart Menelaws, whose relaxing Scottish burr provides a pleasant voice-over for the series, introduces us to the extensive model railway being built on screen.

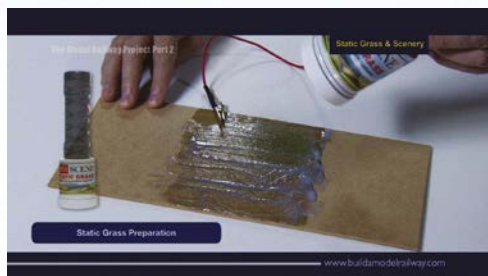
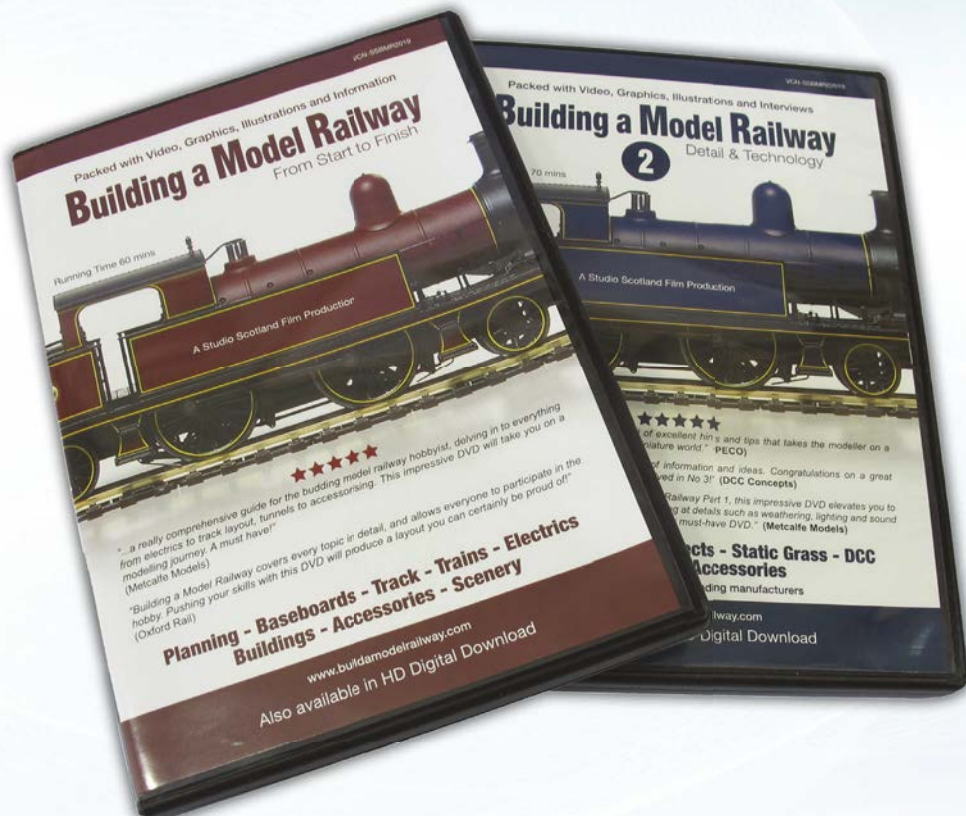
Set in the LMS period, the layout is a sizeable home-based model of the sort that many modellers aspire to. We see the completed project and then step back in time where we're shown the planning and construction required to produce it.

The first 60 minutes covers:

- General research
- Location and budget
- Room preparation
- Choosing a theme
- Layout design
- Running operation and wiring
- Choosing track
- Trains and rolling stock
- Baseboard materials and construction
- Finishing preparation of baseboards with scenery
- Initial track laying and testing
- Wiring and power control
- Buildings and accessories
- Scenery
- Maintenance

Quite a list, and one of the main problems with this programme. There simply isn't enough time to do each topic justice! Baseboard construction, for example, includes a brief mention of materials and then we get to see a few seconds of a local joinery firm building them.

There are a few scenic areas with useful instruction, but in general, while this is a really pleasant watch, it's frustrating because you want to know more. The finished model looks good and many a viewer will want to build something similar, if they can devote a room in their house to do it.



Practical demonstrations include plenty of product placement.

Part 2 – Detail and Technology

If part one was light on detail, part two is a very different prospect.

Topics covered:

- Track ballasting
- Buildings
- Static grass
- Weathering rolling stock
- Accessories
- Support your local model shop

Allowing for recaps of the first disc, we are left with an hour with plenty of information and instruction. Proper demonstrations of applying ballast and electrostatic grass for a start, with the sort of hints and tips that are easier to present in video than on the page. It's not all beginner stuff either; airbrushing card buildings is covered along with different methods of weathering rolling stock.

There is a lot of product placement, but this adds to the content as we get to see behind the scenes at both Metcalfe Models and Peco, along with useful contributions from other suppliers who are experts in their field. There's no problem with this, we are often asked where tools and materials come from. While experienced modellers will know where to look, in the early days of our involvement with the hobby, some hand-holding is very helpful.

The quality of production and presentation of both discs is superb with one caveat – the different sections don't seem to have been indexed so that you can get to the next chapter on your remote control. For the second programme, where the viewer will want to repeat certain sections, this is inconvenient.

Overall though, the professional quality of the films makes them very watchable, not the easiest thing to do with our hobby. It's easy to pick holes, but the producers have set out to do a difficult job and as long as the viewer doesn't consider these to be the only resources required to build a layout (and more are listed on the supporting website), then they are well worth a look and would make the perfect present for a new entrant to our hobby.

Thank you to Ten Commandments for supplying these DVDs for review.

Building a Model Railway Vol1 & 2 • Format: PAL (16:9)
Running time: Vol 1 – 60 mins Vol 2 – 70 mins
www.buildamodelrailway.com

Price: DVD £12.50 Download: £9.99

www.themodeltraincentre.com



Bachmann 31-920 Atlantic H2 Class DCC Ready.....£179.95

DCC CONCEPTS APPROVED DEALER

Track cutter DCT-XTC.....£12.00

Cobalt Alpha Sniffer DCD-SNX.....£23.00

Cobalt iP Digital DCD-CB6DIP.....£134.95



Accurascale PFA Container Flats P DRS.....£64.95

STOCKISTS OF...



Bachmann 31-664 Class 47/0 Weathered.....£161.95

Bachmann 31-664DS Class 47/0 Weathered DCC Sound.. £233.95

OPEN Monday - Saturday
9.00am - 5.00pm

The Model Train Centre
CLARKS HARDWARE
96-104 Every Street, Nelson,
Lancashire BB9 7LS
CALL: 01282 601488



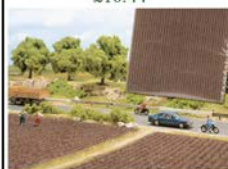
Busch 1212
Hay And Straw Bales
£10.44



Busch 1213
Cabbage & Lettuce
£10.44



Busch 1265
40 Strawberry Plants
£10.44



Busch 7182
Ploughed Field
£5.45



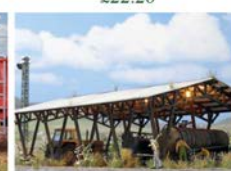
Busch 1313
A4 Field And River Mat
£22.26



Vollmer 45012
Meadow Fence
£9.60



Kibri 12268
FENDT Vario 936 Tractor
£24.50



Busch 1418
Vehicles & Equipment Shelter
£26.35



Taliesin TCD-054
CD Of Modern Tractor Ploughing
£10.00

www.GoldenValleyHobbies.com

Unit 1 Pontrilas Business Park, Pontrilas, Herefordshire, HR2 0AZ
See our website, write or call to order. Trade enquiries welcome. 01981 241 237
Prices are correct at time of print and are subject to change.

GRIMY TIMES MODEL RAILWAYS

www.grimytimes.co.uk

187 Orford Lane, Warrington, Cheshire WA2 7BA

01925 632209
07921 830484



The Home of Grimy Times Weathering

- Excellent range of products and very competitive prices.
- Weathering, Renumbering & Renaming Service.
- Displays of pre-weathered locomotives for sale.
- Advice from professional railway modellers.
- DCC fitting service / Repairs & Servicing.

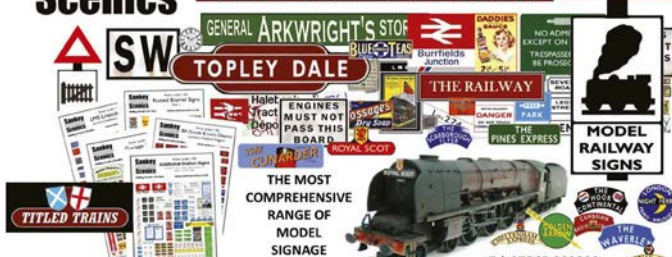


Sankey
Scenics

Over 800 different packs of
Quality Signage & Titled Trains

NEW
ITEMS

COACH DESTINATION BOARDS



www.sankeyscenics.co.uk



RAILS OF SHEFFIELD

railsofsheffield.com



Corporate Partners of

RAILWAY MUSEUM



NEW 2020 RANGE - NOW LISTED ON OUR WEBSITE

BARGAIN OO GAUGE

GWR 1361 CLASS & 1366 CLASS
TANK LOCOMOTIVES ~~RRP: £159.95~~

HUGE SAVINGS

1303	GWR 1361 CLASS 0-6-0 TANK LOCOMOTIVE NO.1365 IN BR BLACK EARLY LION & WHEEL INSIGNIA	£79.50
1304	GWR 1361 CLASS 0-6-0 TANK LOCOMOTIVE NO.1363 IN BR BLACK LATE LION & WHEEL INSIGNIA	£79.50

BARGAIN O GAUGE



CLASS 128 DPU

~~RRP: £599~~ OFFER FURTHER REDUCTIONS!
NOW FROM £295.00 EACH

8950	CLASS 128 DPU BR BLUE (FULL YELLOW ENDS) LOCOMOTIVE M55995	£225.00
8951	CLASS 128 DPU ROYAL MAIL LETTERS LOCOMOTIVE 55993	£225.00

CLASS 05 SHUNTERS

~~RRP: £395~~ OFFER FURTHER REDUCTIONS!
NOW FROM £195.00 EACH

2590	HUNSLET CLASS 05 BR GREEN (NO WASP STRIPES) LOCOMOTIVE	£175.00
2591	HUNSLET CLASS 05 BR GREEN WITH WASP STRIPES (LATE) LOCOMOTIVE	£175.00
2592	HUNSLET CLASS 05 BR GREEN WITH WASP STRIPES (EARLY) LOCOMOTIVE	£175.00

AMAZING OFFERS ON



D	TWIN TRACK POWER CASED CONTROLLER	£94.50
Q	FOUR TRACK CASED CONTROLLER	£168.50
DCC02	PRODIGY ADVANCE PACKAGE DIGITAL CONTROLLER	£272.50

N GAUGE



NEW LIVERIES AND NUMBERS ADDED TO SONIC 56xx LINE-UP
N-gauge newcomer Sonic Models is offering additional liveries and new numbers to the forthcoming **56xx (GWR/BR9W) 0-6-2 tank locomotive**.
See website for full details. Expected Q3

PRE-ORDER NOW! £109.95 12 VERSIONS AVAILABLE

PRICING POLICY FOR IN STOCK AND AVAILABLE ITEMS: The price advertised on Rails of Sheffield website will be the price charged at the time of the order being processed. This excludes errors in pricing (E & OE) in the event of an error with a price you will be contacted prior to the order being processed and given the option to accept the correct price or cancel the order.

PLEASE NOTE: All items currently in stock are despatched immediately. Forthcoming releases will be despatched immediately upon release. If your order contains both current items and forthcoming releases then these will be despatched separately and subject to separate delivery charges.

RAILS TV & SOCIAL MEDIA...

Follow and like us on:



railsofsheffield

railsofsheffield

railssheffield

railsofsheffield

SHIPPING COSTS: ROYAL MAIL 48 HOUR TRACKED £4.00: Royal Mail aim to deliver within 2 days of dispatch including Saturdays (this is not a guaranteed service and parcels can take longer to arrive).
ROYAL MAIL 24 HOUR TRACKED £5.00: Royal Mail aim to deliver within 1 day of dispatch including Saturdays (this is not a guaranteed service and parcels can take longer to arrive).
SPECIAL DELIVERY £8.50: Guaranteed delivery by 1pm the next day Monday to Saturday. With full track and trace system, your parcel is delivered speedily and securely (orders must be placed by 2pm to guarantee same day dispatch).

GREAT PRICES ON PECO

SL-100	25 YARDS CODE 100 WOODEN SLEEPER TYPE NICKEL SILVER FLEXIBLE TRACK	£74.50
SL-100F	25 YARDS NICKEL SILVER FINESCALE FLEXIBLE TRACK WOODEN SLEEPER	£79.50
SL-102F	25 YARDS FINESCALE CONCRETE SLEEPER TYPE NICKEL SILVER FLEXIBLE TRACK	£87.00
SL-91/E91/92/E92	SMALL POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£11.50 each
SL-95/E95/96/E96	MEDIUM POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£11.50 each
SL-88/E88/89/E89	LARGE POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£13.50 each
PL10/PL10X6	PL10 POINT MOTOR (SWITCH MACHINE) INDIVIDUAL OR 6 PACK	£6.50/£37.50
SL-300	25 YARDS CODE 80 NICKEL SILVER FLEXIBLE TRACK WITH WOODEN TYPE SLEEPERS	£70.00
SL-300F	30 YARDS CODE 55 FINESCALE N/S FLEXIBLE TRACK WOODEN SLEEPER	£94.50
SL-395/96-E95/E96	MEDIUM POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£10.50 each
SL-U395F/U96F	MEDIUM RIGHT HAND TURNOUT UNIFROG CODE 55	£11.50 each
SL-388/389/E388/E389	LARGE POINT ELECTROFROG RIGHT & LEFT HAND POINTS	£11.50 each
SL-700BH	12 YARDS O GAUGE FLEXIBLE NICKEL SILVER TRACK (BULLHEAD) WOODEN SLEEPER	£80.00
SL-700FB	12 YARDS O GAUGE UNIVERSAL FINE CODE 143 WOODEN SLEEPER	£80.00
SL-E791/792BH	MEDIUM RADIUS RIGHT & LEFT HAND POINTS WITH BULLHEAD RAIL	£46.00 each
SL-E791FB/E792FB	MEDIUM RADIUS RIGHT AND LEFT NICKEL SILVER ELECTROFROG POINT (CODE 143 FLAT BOTTOM)	£48.50 each

ALSO STOCKED AT BARGAIN PRICES!



SEE OUR WEBSITE FOR FULL LISTINGS
INCLUDING SPECIAL OFFERS & GREAT DEALS!!

www.railsofsheffield.com

RAILS ON EBAY 2 STORES,
100'S OF ITEMS ADDED DAILY...RAILS-SHEFFIELD
Ebay store!RAILS-VAULT
Ebay store!

PARCEL FORCE COURIER SERVICE £7.50: Next day delivery for much of the UK, including Saturdays. Full track and trace system. Used for parcels over 1.8kg without packing or if you would like a speedy secure delivery of your parcel. This excludes the following post codes BT, JE, GY, IM, KW, IV, PA and PO30-44, KA27-28, PH17-26, PH49-50 and ZE. The cost for these postcodes is £12.00 and will be delivered within two to three working days (orders must be placed by 3pm to guarantee same day dispatch).

WORLDWIDE POSTAGE: For all orders outside the UK, postage will be charged at cost, based on the weight and size of the parcel.

21-29 Chesterfield Road - Sheffield - South Yorkshire - S8 0RL - UK - Tel: (0114) 255 1436 - Fax: (0114) 255 5982

Email: info@railsofsheffield.com

Web: railsofsheffield.com

railsofsheffield

railsofsheffield

railssheffield

railsofsheffield



RAILS OF SHEFFIELD

railsofsheffield.com



Corporate Partners of

RAILWAY MUSEUM

WANTED

CASH OR EXCHANGE

WE WANT **ANYTHING** MODEL RAILWAY RELATED, ANY AGE, ANY GAUGE, FROM A SINGLE ITEM TO A LIFETIME COLLECTION. DISTANCE NO OBJECT. PLEASE TELEPHONE, OR EMAIL YOUR LISTS TO SECONDHAND@RAILSOFSHEFFIELD.COM

BUY · SELL · EXCHANGE · ANY GAUGE · ANY AGE

RAILS OF SHEFFIELD VALUE YOUR SECOND HAND COLLECTION VERY HIGHLY

LOCOS - COACHES - WAGONS - TRACK-WORK - CONTROLLERS - ACCESSORIES
DIE-CAST - LORRIES - BUSES - PLANES - SOLDIERS - RAILWAYANA - AND MORE

DECEASED ESTATES - EX SHOP STOCK A SPECIALITY
FAST SERVICE WITH COMPLETE DISCRETION ASSURED

NO COLLECTION IS TOO LARGE

FOR LARGER COLLECTIONS WHERE IT IS IMPOSSIBLE TO LIST ALL ITEMS - WE CAN ARRANGE A PERSONAL VISIT

IMMEDIATE PAYMENT BY BANK TRANSFER OR CASH
OR WHY NOT TRADE YOUR ITEMS IN FOR EXCHANGE FOR AN EVEN BIGGER ALLOWANCE

We URGENTLY require collections of any size, featuring products from the following manufacturers:



WE ALSO BUY RAILWAYANA

SIGNAGE AND TOTEMS

AND MORE...

Telephone our Second Hand team on: (0114) 255 1436 or email: secondhand@railsofsheffield.com - Ref: BRM2020

21-29 Chesterfield Road - Sheffield - South Yorkshire - S8 0RL - UK - Tel: (0114) 255 1436 - Fax: (0114) 255 5982

Email: info@railsofsheffield.com

Web: railsofsheffield.com

[railsofsheffield](https://www.youtube.com/railsofsheffield)

[railsofsheffield](https://www.facebook.com/railsofsheffield)

[railsofsheffield](https://www.instagram.com/railsofsheffield)

[railsofsheffield](https://www.tiktok.com/railsofsheffield)



RAILS OF SHEFFIELD

railsofsheffield.com



Corporate Partners of

RAILWAY MUSEUM

WE VALUE YOUR
**PRE-OWNED &
SECOND HAND**
MODEL COLLECTION
VERY HIGHLY!!

ALL BRANDS

FOR CASH

CONTACT US

get in touch by email,
phone or post with
your list of items

STEP
01



STEP
02

WE MAKE AN OFFER

our friendly, experienced staff
review your list and make an
honest valuation and offer

BRING, SEND OR COLLECT

either visit the shop, send us your
items, or for larger collections we will
arrange collection for you

STEP
03



STEP
04

PAYMENT MADE!

we confirm the offer and make
a fast, secure payment via your
choice of payment method

**TOP
GUARANTEED
PRICES
PAID**

**FAMILY
BUSINESS
FRIENDLY
SERVICE**

FULL COLLECTIONS PURCHASED
UK & WORLDWIDE COLLECTION AVAILABLE

BUY · SELL · EXCHANGE · ANY GAUGE · ANY AGE
TELEPHONE OUR SECOND HAND TEAM ON: (0114) 255 1436
OR EMAIL: [SECONDHAND@RAILSOF SHEFFIELD.COM](mailto:SECONDHAND@RAILSOFSHEFFIELD.COM)

FOR MORE DETAILS see our website: railsofsheffield.com/wanted

21-29 Chesterfield Road - Sheffield - South Yorkshire - S8 0RL - UK - Tel: (0114) 255 1436 - Fax: (0114) 255 5982

Email: info@railsofsheffield.com

Web: railsofsheffield.com

[railsofsheffield](https://www.youtube.com/railsofsheffield)

[railsofsheffield](https://www.facebook.com/railsofsheffield)

[railssheffield](https://twitter.com/railssheffield)

[railsofsheffield](https://www.instagram.com/railsofsheffield)



RAILS



railsofsheffield.com
/exclusive



Corporate Partners of

RAILWAY MUSEUM

**NEW
EXCLUSIVE
TO RAILS**

**PRE-ORDER
NOW!**

Secure
yours for
**ONLY £30
DEPOSIT**

WAINWRIGHT D CLASS



IN
PARTNERSHIP
WITH

**LOCOMOTION
MODELS**

dapol
Model Railway Company

OO GAUGE MODEL

**6 VERSIONS
AVAILABLE**

SECR Green No.488 (Pre Grouping Silk Finish)
Southern Lined Maunsell Olive Green No.1730
BR Sunshine Black No.31731
BR Lined Black Early Crest No.31574
SECR Grey (Scraped Beading) No.726
Southern Sunshine No.1734

SEE WEBSITE FOR MORE DETAILS

MODEL FEATURES INCLUDE:

New 'pinless' drawbar between locomotive and tender
Firebox flicker / Next 18 DCC Socket
Pull out PCB / Solderless Speaker
Optional fit bass reflex speaker in tender
NEM coupling pockets

**NEW
EXCLUSIVE
TO RAILS**

LIMITED EDITION CLASS 92's

PRODUCED BY
accurascale

CLASS 92 023 'RAVEL'
SNCF Grey Electric Locomotive
See website for more details



Steve Jones

DCC Ready **£159.99**
DCC Sound Fitted **£249.99**

Secure yours for
ONLY £30 DEPOSIT
PRE-ORDER NOW!

OO GAUGE MODEL

Each model will come with a numbered
certificate and a unique box
EXPECTED Q4 2020

CLASS 92 015 'YIWU-LONDON TRAIN'
DB Schenker Electric Locomotive
"The Silk Road Train"



Liam Gregory

STROUDLEY A1/A1X TERRIER 0-6-0

NEWLY TOOLED OO GAUGE MODEL

IN
PARTNERSHIP
WITH
dapol
Model Railway Company

**IN STOCK
NOW!†**

See
for O
£30 DEPOS
SEE WEBSITE
FOR DETAILS

SEE WEBSITE FOR ALL VERSIONS

INCLUDING: BR Lined Black Ex Isle of Wight No. 32650
'Fishbourne' Southern Green GWR Green No.6 / LBSC (Ex Gipsyhill) No.643
WC & PR Lined Green No.4 / LBSC Improved Engine Green Brighton Gold

**12 VERSIONS
AVAILABLE**

**DCC READY VERSION
PRICE £140**

† PLEASE SEE OUR WEBSITE FOR AVAILABILITY

21-29 Chesterfield Road - Sheffield - South Yorkshire - S8 0RL - UK - Tel: (0114) 255 1436 - Fax: (0114) 255 5982

Email: info@railsofsheffield.com

Web: railsofsheffield.com

[railsofsheffield](https://www.youtube.com/railsofsheffield)

[railsofsheffield](https://www.facebook.com/railsofsheffield)

[railssheffield](https://www.twitter.com/railssheffield)

[railsofsheffield](https://www.instagram.com/railsofsheffield)



RAILS



railsofsheffield.com
/exclusive



Corporate Partners of

RAILWAY
MUSEUM

IN STOCK NOW!



OO GAUGE MODEL

NEW EXCLUSIVE TO RAILS LIMITED EDITION

DRS Minimodal CLASS 33/0 TWIN PACK

No's. Class 33 025 / Class 33 030
An updated and improved version of
Heljan's popular OO Gauge Class 33/0
diesel, featuring later locomotives
fitted with high intensity headlights.

AVAILABLE NOW! £279.50

IN
ASSOCIATION
WITH



SEE WEBSITE FOR MORE DETAILS

MODEL FEATURES INCLUDE:

Square headlight variant / LED lighting
Sprung buffers / Improved radiator grilles

PRODUCED BY
accurascale

CLASS 37/6 37610

NEW
EXCLUSIVE
SEE WEBSITE



**HNRC BR BLUE DIESEL LOCOMOTIVE
(WRAP AROUND YELLOW NOSES)**

OO GAUGE MODEL

EXPECTED Q1 2021

DCC Ready **£169.99** DCC Sound Fitted **£259.99**
PRE-ORDER NOW! ONLY £30 DEPOSIT

— NORTH EASTERN RAILWAY — ELECTRIC AUTOCAR



IN
ASSOCIATION
WITH



**Secure yours for
ONLY £30 DEPOSIT**

PRE-ORDER PRICE £199.95

3 VERSIONS AVAILABLE

North Eastern Railway red/cream
No. 3170 (1904-23)

North Eastern Railway red/cream
No. 3171 (1904-30)

LNER brown No. 3170 (1923-31)

OO GAUGE MODEL



21-29 Chesterfield Road - Sheffield - South Yorkshire - S8 ORL - UK - Tel: (0114) 255 1436 - Fax: (0114) 255 5982

Email: info@railsofsheffield.com

Web: railsofsheffield.com

[railsofsheffield](https://www.youtube.com/railsofsheffield)

[railsofsheffield](https://www.facebook.com/railsofsheffield)

[railssheffield](https://twitter.com/railssheffield)

[railsofsheffield](https://www.instagram.com/railsofsheffield)

YouChoos DCC Sound

BE THERE WITH
**immersive
Drive**



Active braking
Dynamic & exponential inertia
Consistent function keys
Smoothed transitions
More sounds
Realistic shunt mode
Light-engine for steam
Notching for diesel
Mute (fade in/out)
Volume controls
and more...

Isn't it time you dived into the best DCC sound?

01380 530530
www.YouChoos.co.uk info@youchoos.co.uk

Kent Garden Railways

16mm and G Scale Specialists

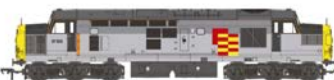
Whether its live steam, battery or electric for your garden we have the stock to get you going



LGB Premier Dealer * Accucraft * Peco * Piko * Bachmann * Trainline * Roundhouse * Pola * USA Trains and much more

Great Stocks of OO, HO & N

We have large stocks from the leading manufacturers



Hornby * Bachmann * Peco * Gaugemaster * Metcalfe * Heljan * Graham Farish * Dapol * Woodland Scenics * Kato * Walthers * Kadee * Expo * Noch * Oxford Diecast * Kestrel * Atlas * Parkside * Oxford Rail * Ratio * Wills * Modelscene and much more



Wren - Accucraft 7/8th's scale live steam



Farish N gauge



Walthers HO sound SD70ACe



Broadway HO sound PRR K4



LGB G scale 22061 GE6/6II - new for 2019

Kent Garden Railways
66 High Street, St Mary Cray, Orpington, Kent, BR5 3NH
Tel 01689 891668 email sales@kgrmodels.com www.kgrmodels.com
Shop open 0900-1700 Tuesday to Saturday

WE SELL ALL MAKES, MODELS AND ACCESSORIES
• MODEL TRAINS & ACCESSORIES

RAILWAY CONDUCTOR



Also Die Cast - Radio Controlled - Toys - etc.

T: 01327 439736 M: 07961 757094 E: jonathan18r@sky.com

www.therailwayconductor.co.uk

Unit 2, The Old Dairy Craft Centre, Upper Stowe,
Nr Weedon off A5, Northamptonshire NN7 4SH











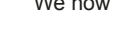
SHOP OPEN 7 DAYS A WEEK
FREE PARKING

- Mon to Fri 10.30 - 17.30
- Sat 10.30 - 5.30
- Sun 11.00 - 16.00

out of hours please call
mobile thanks

NEW AND USED OO
GAUGE & N GAUGE &
OTHER GAUGES SOLD.
TOP PRICES PAID
FOR USED ITEMS ON
COLLECTION.
**NOW STOCKING O &
OO9 GAUGE ITEMS**

Mail order available by phone or visit us online. All major credit and debit cards accepted. We accept PayPal through our online shop.
We now do repairs and servicing and we build layouts


BCL brimal.co.uk
Brimal Components Ltd
Sales 01429 297277

Just a small selection from our Catalogue of over 1000 items....See them all on brimal.co.uk or phone 01429297277 for a FREE catalogue

Power Distribution Board
CN165



14 way Distribution Board
CN166



6 x 3way Screw Terminal Junction
MR230



Universal Latching Relay
MR204



Control Switch +Indicators

MR322 Coil Motor
MR323 ON-ON or ON-OFF
MR326 Reverse Polarity Switch



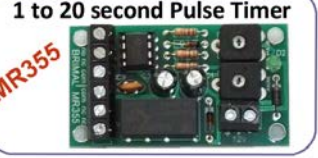
Tortoise Motor Connector
8 way PCB Edge Connector
MR162



1 sec to 120 sec Timer
MR350



1 to 20 second Pulse Timer
MR355



We have over 100 specialist circuits for every application
Have a look on thehobbysshed.co.uk for Inspiration & Solutions
We accept all forms of Payment on the web site brimal.co.uk If you have any problems ordering please contact us

PETER'S SPARES

**MODEL RAILWAYS LIMITED
MAIL ORDER & REPAIR SPECIALISTS**



- ♦ New & Used Hornby Spare Parts
- ♦ Our own spare parts made in China
- ♦ Locomotives and Rolling Stock
- ♦ Plastic Kits, Paints, Tools & Glues
- ♦ Digital Decoders & Controllers
- ♦ Locomotive Detailing parts
- ♦ Mega Steam Smoke Fluid
- ♦ Tracks & Train Sets
- ♦ We have it all at Peters Spares

NEED HORNBY SPARES?

Talk to Peter's Spares Over 2500
Different Hornby Spares in Stock.
East Kent Models Parts Are
Being Listed On Our Website.

Over 11,500
different
items in
stock

DON'T FORGET WE SELL:

Locomotives, Rolling Stock, Scenics



and much more!



NEW & USED MODEL RAILWAYS

Specialists in Model Trains since 1994 - Servicing, Repairs & DCC Decoder Fitting
2J Brighthouse Business Village, Riverside Park, Middlesbrough, Cleveland TS2 1RT



Tel: 01642 909794

Open Mon-Sat 10am-5pm



Web: www.petersspares.com



Email: sales@petersspares.com



GAUGEMASTER

Pennine Models

at Haworth



33/35 Mill Hey, Haworth, Keighley BD22 8NQ

Tel. 01535 670249

penninemodels@gmail.com • Visit us on

The shop will be staffed on Wednesday, Friday and Saturday from 11am to 3pm.

Customers will be able collect orders or request goods at the door.

Orders can be emailed to penninemodels@gmail.com or phoned to shop during staffed hours.

We will try to accommodate people who can't come at the opening hours if they contact us in advance. To help local people we will deliver to your home. Contact shop if required

0 gauge

Heljan class 55,37,25,20 05 and 03 locos.

Dapol 08,Y1/3 ,S R Terrier, and B.R./GWR 14xx locos.

Dapol coaches and goods wagons tanks,open wagons and vans.

00 gauge

Full range of modern & earlier goods wagons.

Dapol diesel locos cl 68, 73 , 52 , 21 ,22 ,121 ,122

Oxford Rail

Locos coaches & wagons

Oxford diecast cars, buses & lorries

PECO track and points in all scales 0,00 HOe/009 & N

Gaugemaster Controls DC & DCC and Accessories.

Roco HOe & Peco 009 - Locos, wagons, track etc.

Scenic Products from;

Ratio, Wills, Modelscene, Jarvis, Superquick buildings.

Dapol plastic railway kits.

Hornby railway range, huge range of Skaledale.

Also paints, glue, K&S metals, Deluxe Materials glues, Evergreen, Balsawood etc. Probably the best selection of plastic kits in Yorkshire.

Kits bought new from 25 years ago.

TEN COMMANDMENTS

Accessories for the discerning OO, O and N gauge modeller.



BUILDING A MODEL RAILWAY DVD- £12.50 each

Professionally filmed 60 minute productions, jam packed with graphics, illustrations, hints and tips for both the model train set newcomer and hobbyist. Filmed over 12 months, it takes the viewer through a step-by-step process from planning your layout through to completed construction including viaduct, scenery & backdrop and water feature. Part 2 takes the viewer into greater detailing and technologies, filmed around the country with interviews from manufacturers such as Bachmann Europe, PECO, Metcalfe Models, and more. **Volume 1 - Building A Model Railway - From Start to Finish** **Volume 2 - Building A Model Railway - Detail & Technology**

OO GAUGE - WALLING AND FENCING

L19 STONE RETAINING WALL (illustrated)£12.95

80mm high x 450mm long approx. Stonecast. Painting required.

L62 DRY STONE WALLING£6.50

3 x 150mm sections. Stonecast plaster. Painting required.

L64 SLEEPER FENCING£6.50

3 x 150mm sections. Stonecast plaster. Painting required.

L92 CHAINLINK SECURITY FENCING£12.00

Whitemetal posts with mesh. Approx 1m per pack.

L143 WIRE & POST LINESIDE FENCING£3.50

Whitemetal posts with 'wire. Approx 90cm per pack.

ROLLING ROADS OO, O & N GAUGES

Highest quality German engineering. Suitable for use with DC or DCC

Control systems. Simple electrical connection. Available for most

popular Gauges. See website for further information.

N MINI - 200MM - 6 ROLLERS - SUITABLE FOR MOST N LOCOS - £55

N LONG - 400MM - 8 ROLLERS - LARGE LOCOS / MULTIPLE UNITS - £70

OO SMALL - 300MM - 6 ROLLERS - SMALL STEAM LOCOS / DIESELS - £60

OO STD - 400MM - 7 ROLLERS & PONY TRUCK - LARGE LOCOS - £75

O SMALL - 400MM - 6 ROLLERS - SMALL STEAM LOCOS / DIESELS - £70

O STD - 600MM - 10 ROLLERS - SUITABLE FOR MOST O LOCOS - £99

O LARGE - 800MM - 10 ROLLERS - FOR EXTRA LONG O LOCOS - £110

TRACK CLEANING WAGONS OO & N GAUGES

Perfect for hidden sidings, tunnels etc. Cleans your track with No effort.

Simply hook wagon up to a loco and run round. No Cleaners / solvents

required. Cloth pads clean track grime and dirt. Once pads are dirty simply

peel old ones off, cut replacements from the sheet provided (self adhesive)

and stick in place



**Online and
telephone orders
still available**

See website for forthcoming exhibitions

TEN COMMANDMENTS 20 STRUAN DRIVE, INVERKEITHING, FIFE, KY11 1AR

Telephone orders 01383-410032 Monday - Thursday 10am-7pm

Email: tencommandments@btinternet.com

Please add £3.50 Post and Packing per order.



Online at: www.tencommandmentsmodels.co.uk



W.M. COLLECTABLES

ATTENTION ALL KITBUILDERS AND MODELLERS

I have acquired a lifetime collection of OO gauge
unmade Loco, Coach and Wagon kits, many are no
longer in production. There are etched brass, white
metal and plastic kits from over 20 manufacturers
and covering a wide range of Railway Companies.

There is also a large quantity of kit building
accessories including wheels and motors.

Over 1300 kits are now on the website together
with a good range of built kits. Hundreds of
"Ready to run" items, mainly Hornby and
Bachmann will be added shortly.

I also specialise in collectable and quality
pre-owned model railways in a variety of gauges,
including Triang OO and TT, Hornby, Hornby Dublo,
Wrenn, Bachmann, Mainline, Lima and Airfix.

Phone: 01444 413723

Email: andrew@wmcollectables.co.uk

website: www.wmcollectables.co.uk

Visit → Scalescenes.com
 Download → Print → Build

NEW Canal Wharf Boxfile Layout

A complete micro layout ONLY £9.99



Safely 'flat-packs' away in boxfile

Includes Steel barge

Buy once unlimited prints

00 scale

Card kits that pass closer inspection

scale scenes .com

SOUTH EASTERN FINECAST

**SOUTHERN / BR
E1R Class
0-6-2 Tank**



F154 - Loco Kit (including chassis) £89.50 FC154 - Chassis only Kit £35.00
 Maunsell rebuild of the LBSCR Stroudley E1 (Kit F155) for branchline use.
 One of 32 kits from our 'Southern' range of models.

Don't forget our other ranges :-
 VAC formed Building Sheets in 2, 4, 7 & 10mm scales - Flushglaze Window packs
 1/24 & 1/43 CAR KITS - 1/32 TRACTION ENGINE KITS
 4mm LOCOMOTIVE KITS including the NUCAST PARTNERS range.

Email or SAE for Price List
GLENN HOUSE, HARTFIELD ROAD, FOREST ROW EAST SUSSEX RH18 5DZ
 Tel : 01342 824711 email : dave@sefinecast.co.uk
www.sefinecast.co.uk

VISA Mastercard

THE HOBBY SHOP

Est. 1988

85 Preston Street. Faversham. Kent. ME13 8NU



www.hobb-e-mail.com 01795 531666 info@hobb-e-mail.com

TONYS TRAINS

New and Used Model Railways. Hornby, Bachmann, Heljan, Dapol, PECO, Oxford, Gaugemaster and more....
 Large selection of 2nd hand models. Mail order available, pre-orders welcomed.

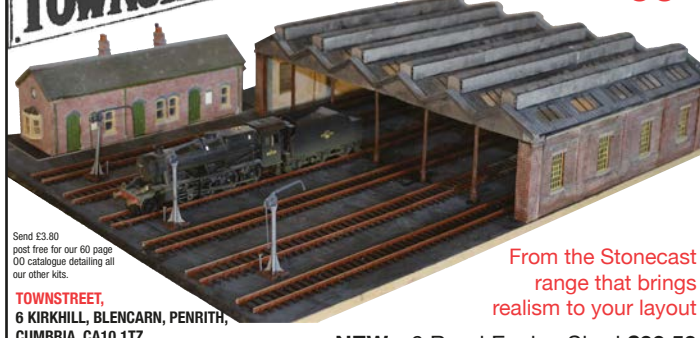
Open: Tuesday to Saturday 10AM - 5PM (4PM on Saturdays)
Tel: 01788 543442 email: tony@bmrail.co.uk web: www.bmrail.co.uk
 Studio 4, The Locks, Hillmorton, Rugby, CV21 4PP

WE BUY YOUR MODEL TRAINS
 GOOD PRICES PAID, PLEASE CALL TO ARRANGE A VALUATION



TOWNSTREET

OO



Send £3.80 post free for our 60 page OO catalogue detailing all our other kits.

TOWNSTREET,
 6 KIRKILL, BLENCARN, PENRITH,
 CUMBRIA, CA10 1TZ
 See our new extended website!
www.townstreetuk.co.uk
 MON TO FRI 2-8PM 01768 88456
 MAIL ORDER ONLY

From the Stonecast range that brings realism to your layout

NEW - 6 Road Engine Shed £99.50
Stand Alone Engine Shed Office £39.90
 As Above But Without 1 Office For Side Office £25.00

Trains4U.com

27 St. David's Square, Fengate, Peterborough, PE1 5QA
 Open Tues-Fri 9:30-5:00, Sat 9:00-5:00, Sunday 10:30-3:30, closed Monday

Trains4U Exclusive MOD KFA / PFB WARFLAT – OO Gauge

PFB Green with green bufferbeams & jacks
 Suitable for 1976 to mid 1990s

KFA, Green with yellow bufferbeams & jacks
 Suitable for late 1990s to present day

£35.00 each

Delivery due soon!

Features:
 - Close coupling mechanism
 - NEM coupling pockets
 - Sprung buffers
 - Weathered effect decking
 - Detailed underframe
 - Zinc alloy frame
 - Convertible to P4/EM

Produced by CAVALEX Models

CAKFA(1) MODA 95238
CAKFA(2) MODA 95259
CAKFA(3) MODA 95274
CAKFA(4) MODA 95288

CAKFA(1) MODA 95238
CAKFA(2) MODA 95265
CAKFA(3) MODA 95281
CAKFA(4) MODA 95297

Tel: 01733 895989 e-mail: Trains4U@BTConnect.com

YouTube Facebook Twitter Instagram

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.

EXPRESS MODELS, 65 CONWAY DRIVE, SHEPSHED, LOUGHBOROUGH, LEICS. LE12 9PP
 Tel: 01509 829008 Fax: 01509 560878
 Email: sales@expressmodels.co.uk

Visa Mastercard American Express

MAD ABOUT TRAINS OF GAINSBOROUGH (K&M MODELS)



For all your Model Railway needs from design to finished layout, scratch built buildings, trees dioramas etc. We carry a vast selection of scenic materials. We carry a comprehensive range of all aspects of Railway Modeling from track pins to finished layouts. DCC Specialist, repairs, weathering etc undertaken in our own workshop. Hornby, Bachmann, Peco Gaugemaster, Dapol and Knightwing stockists. Large range of scenic materials. We are always looking for second hand collections. Just give us a call or come and visit our shop.

Tel: 01427 811040
Mobile 07858612716
106 Trinity Street, Gainsborough DN21 1HS
 e-mail: sales@madabouttrains.co.uk
www.madabouttrains.co.uk



Stockists of

Bachrus, Circuitron, Tam Valley,
CML Electronic, DCC Specialties,
Digitrax, ESU, Express Models,
Gaugemaster, LDT, CT Elektronik,
Lenz, New Rail Models, Roco,
RR-Circuits, Sprog DCC, Team
Digital, TCS, NCE, Zimo.
Plus Many More!

**Friendly advice,
support and
installation services**

Ipswich Model Railway Centre,
Unit 2, 48-52 Tomline Road
Ipswich IP3 8DB.



Coastal DCC

+44 (0) 1473 710946

www.coastaldcc.co.uk
enquiries@coastaldcc.co.uk



Small Scale Modelling
www.dreamsteam-smallscale.co.uk

We Are Open
Monday - Friday 10am - 4:30pm
Saturday 10am - 1pm
Vanguard House

Quarry Wood Industrial Estate
Mills Road **Aylesford**
Kent
ME20 7NA

On the main road look out for our **flag** and
swing sign!

Call us on 0800 022 4473

Or email us at sales@dream-steam.com

We Stock OO OO-9 N Gauge

You can visit our showroom or order online and over the phone
These are just an example of brands we stock



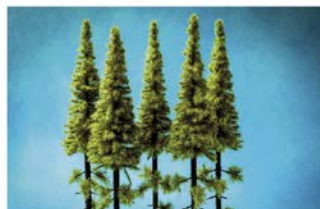
Garden Scale On Our Sister Site: www.dreamsteam.co.uk



ALBION HOBBIES
Precision products for craft, hobby & industry
www.albionhobbies.com

**Model Scene produce some of the finest scenic display products
available and in a wide range of both subjects and scale :**

- Trees, Foliage, weeds, both land and water plants, living and fallen leaves.
- Ready made scenic mats – in different seasons and terrains
- Wooden out buildings, fences and accessories
- Scatter materials – different colours, styles and lengths
- Available in all common modelling scales – 1/76, 1/87, 1/48, 1/35, HO/00, N Gauge



**Create incredible scenes and dioramas whether
you're a scale plastic or rail modeller.**

Contact Albion Alloys for details of your nearest dealer:
tel: **01202 511232** email: sales@albionalloys.co.uk



Family Run Business

**Buying Pre-owned Collections &
Un-wanted Models**

NOW STOCKING A WIDE SELECTION OF PRE-OWNED
MODEL & NEW RAILWAY COLLECTIONS ONLINE & INSTORE

Send us a list or bring items in store & we will give you a **FREE** valuation!

Visit our eBay shop & like us on Facebook

ebay Find us on **f**

AGR Model Railway Store
9 High Street Mews • 28 High Street
Leighton Buzzard, Beds LU7 1EA
Mon-Fri 9am-5pm • Sat 9am-4pm
01525 854788
www.agrmodelrailwaystore.co.uk
sales@agrmodelrailwaystore.co.uk



CAMBRIAN 4mm Wagon Kits

Cambrian Models is now Cambrian Model Rail Limited. There is a
new website with fully integrated online shop. Delivery from £1.50

Private Owner wagons (16' 6" RCH 1923 type)



C63 7-plank "Convertible" Coke Wagon
£8.10 (delivery £1.50)



C75 8-plank Acid Jar Wagon
£7.50 (delivery £1.50)

Also other RCH and Gloucester types. Wheels, couplings, paint and transfers needed.

Over 100 more kits available from Pre-Grouping to 1990's. See the website for details or send C5 SAE for list.

16mm Narrow Gauge Components are also available
cambrianmodelrail.co.uk cmr@cambrianmodelrail.co.uk
01322 515672 2pm-4pm PO Box 85, Greenhithe, Kent. DA10 9DN

MP Middleton Press
Published 25 April

NEW MILLS TO SHEFFIELD

NOTTINGHAM TOWARDS KIRKBY-IN-ASHFIELD
NOTTINGHAM - LONG EATON - DERBY
WYMONDHAM TO WELLS

Albums £18.95 FREE P&P (UK) MAIL ORDER

www.middletonpress.co.uk

Easebourne Ln, Midhurst. GU29 9AZ T:01730813169 E:sales@middletonpress.co.uk

Northern Lines
NEW MILLS TO SHEFFIELD AND HAYFIELD
Vic Mitchell and Keith Smith

ULTIMATE RAIL ENCYCLOPEDIA

MP Middleton Press

Mike Pett's Supercast OO & O Gauge Model Railway Figures

NEW MODELS £1.99 EACH UNPAINTED

Michael Portillo & Cameron
Holmes & Watson
NEW
Fred Dibnah

HAND PAINTED MODELS 'OO GAUGE' £4.99 EACH 'O GAUGE' £10.50 EACH

Plinth / war memorial for three of our historical figures £7.99
Brunel • Fred Dibnah • Sir Nigel Gressley

Cheques payable to: **Mike Pett, 12 Chatham Street, Ramsgate, Kent, CT11 7PP**
Tel: **01843 593417** Mob: **07976 724225** E: **mikepettsupercast@gmail.com**

Flower Lady
Lady & Track Worker
Moriatti & Policeman
Sir Nigel Gressley
Edwardian Lady
Station Master

mike's models

- THE MODELLERS MODEL SHOP -

Whether you want a ready to go kit to start a new hobby, the materials to build your model from scratch or anything inbetween.

Then come see why we are the modellers model shop of choice!

Contact us on:
0121 360 4521
Email: info@mikes-models.co.uk
www.mikes-models.co.uk

Over 11,000 products in stock

Covering all aspects of modelling

Expert advice from passionate modellers

Great after sales support

MERG

Learn about electronics with our model railway beginner kits at affordable prices

Simple kit PMP2 light detector for train position. Available only for members.
£0.62

Website: www.merg.org.uk
Please send email to: enquiries@merg.org.uk for more information

MonkBar Model Shop

Established in 1963

2 Goodramgate York - YO1 7LQ
01904 659423
info@monkbarmodelshop.co.uk

OO, N & O Gauge Model Railways

Open Monday - Saturday 9am - 5.30pm

Only a mile from the National Railway Museum

Stockists of Hornby, Bachmann, Graham Farish, Peco, Dapol, Gaugemaster, Ratio, Wills, Woodland Scenics, Metcalfe, Oxford Diecast and many more

monkbarmodelshop.co.uk

MORRIS MODELS

NORTH LANCING

80 Manor Road, N Lancing, West Sussex, BN15 0HD
Tel 01903 754850
www.morris-models.co.uk
info@morrismodels.co.uk

We are between Brighton & Worthing, just off A27 west of Shoreham Airport

BRITISH RAILWAYS
HORNBY PECO dapol RELIANT
PLUS MANY OTHER RANGES OF SCENIC MATERIALS, BUILDINGS, VEHICLES etc

BICYCLED
OO/HO & N Cycles & M/cycles with working lights!!
See our webshop for details
Easy free parking!!
Open Mon - Sat 9.30 to 5.00

CONTINENTAL RAILWAYS
FLEISCHMANN Roco BRANNA TRIX herpa FALLER H00 Preiser
BUSH NOCH MINITRAINS

Map showing location between Brighton and Worthing, off A27.

scalemodelscenery.co.uk

Order online or call 01530 456952

LX291-OO Harbour Steps Only £4.99

Perfect for harbours, quaysides embankments & more!

LASER CUT TRACKSIDE KITS & ACCESSORIES IN OO

LX287-OO Building Date Stone & House Names - Only £4.39

Shady Lane Models Model Railways

01237 238872
shadylane@live.co.uk
www.shadylanemodels.co.uk

Retailers of Bachmann, Hornby, Peco, & many other main manufacturers including Scalextric, Airfix, Woodland scenics.

New & pre-owned stock

Open Mon to Sat 9.30 to 5.00 (6pm Tues)
11 Grenville st, Bideford, Devon, EX39 2EA

Dexter's Cove Models

www.dexterscove.com

Precision laser cut plastic and 3D printed resin components and kits. Free Sample Pack available by email or in web shop

NEW NER Signal Box – Modern Motorbikes and rider



Bespoke laser cutting and 3D printing services.
Kits and components produced to your designs in plastic, resin and wood
NEW INDUSTRIAL WINDOWS

Phone: 01642 679182 Mobile: 07599892213 Email: info@dexterscove.com

Plastruct

Please ask your model shop for genuine Plastruct fineline Styrene structural shapes.

Range contains over 70 shapes including: Angles, I-Beams, Channels, Columns, Deep Channels, Tees and Z Sections, Round, Rectangular and Square Tubing, Plastic Strips and Sheetting, Scale Ladders, Stairs and Railings, Open Web Trusses.

Essential for all scratch model makers.

www.plastruct.co.uk



EILEEN'S EMPORIUM

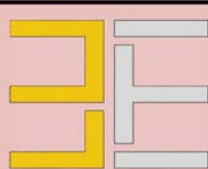
Mail order: Unit 19.12 Highnam Business Centre
Newent Road, Gloucester, GL2 8DN, ENGLAND
VISITORS STRICTLY BY APPOINTMENT ONLY

Tel: 01531 828009
sales@eileensemposium.com
www.eileensemposium.com

For Metal Sheet, Strip, Tube and Sections

For Brass, Nickel, Aluminium, Copper, Phosphor Bronze, Silver Steel
Tubes from 0.5mm upwards, Sheets from 0.002" to 0.064"
C, L, T, U and Z sections. Wire, Straight and Coiled
Metal Strips, Piano Wire
And So Much More

Visit our webshop www.eileensemposium.com



GHOST-SIGNS.COM

Realistic faded street advertising in miniature



Add a little extra character and individuality to your layout's towns and villages with our authentic replica faded 'ghost sign' adverts. Ideal for card, plastic or resin buildings, in a choice of paper or water-slide transfer.

- OO and N Gauge
- Free UK delivery
- Personalised options

NOT ONLINE? CALL 07970 977 628 FOR AN ILLUSTRATED PRICE LIST

ISINGLASS

Isinglass-Models.co.uk

3D printed carriage kits and components

Carriage Seating, Gresley Bogies, Fox Bogies, Vents.

Kits include

GN Quad-art, GE Quint-art, Leeds Quint Diner.

See website for latest product list.

23 Oak Tree Road, Thatcham. Berks. RG19 4QP
Andy@Isinglass-models.co.uk 07791 241863



www.YorkModelrail.com

Online shop, selling our unique range of precision laser-cut scenery detailing and architectural components; helping you enjoy building your railway layouts

Plus affordable bespoke laser cutting service for everything else that you can't buy ready made

New Website 2020

N, OO & 0 scales. Bespoke service for ALL other scales
Please visit our website to view all our products

York Modelmaking Printed price lists available 01904
Unit 13, Bull Centre, Stockton-on-the-Forest, York, YO32 9LE 400358



LORD AND BUTLER CARDIFF

2000 sq ft model railway showroom CAFE & FREE PARKING



The Old Warehouse The Pumping Station
Penarth Rd Cardiff CF11 8TT
OPEN Mon - Sat 10-5.30 Sunday CLOSED
029 2066 7225 info@lordandbutler.com lordandbutler.com



Malc's Models

- All gauges of model railways
- New & Second Hand
- Stockists of Woodland Scenics & PECO Scenery
- Diecast models
- We also repair most makes of locos



Open Mon-Sat 10am-5pm
Closed Weds & Sun

2-4 Pelham Street,
Ilkeston, DE7 8AR
Tel: 07786 896807
www.malcsmodels.co.uk
malcolmgrubey@btinternet.com

High Lane Model Railways

Stockport Indoor Market,
Market Place, Stockport SK1 1ES
Email: info@highlanemodelrailways.co.uk
Tel: 07955 362105

Stockists of
JAVIS • HORNBY • GAUGEMASTER
BACHMANN • GRAHAM FARISH
New and Pre-owned Model Railways
in gauges OO/HO • N • O

Also stock
Diecast cars • Buses • Track
Scenic Accessories, paints & adhesives

Open 9.00am - 4.30pm
Tuesday, Thursday, Friday & Saturday

CLASSIFIED SECTION

RHUDDLAN MODELS

- Model Railways
- Games Workshop
- Die Cast Models
Corgi - Dinky - Matchbox
- Plastic Kits
Airfix - Revell - Etc

NEW AND USED ITEMS BOUGHT AND SOLD

HIGH ST, RHUDDLAN.
01745 590048
www.rhuddlanmodels.co.uk

Platform 3 Models

Layouts designed and built from N to Garden railways based in Devon. All loco Servicing & Repairs and DCC decoder installation for N & OO

Contact Tom Hussey
Tel: 07811 903231
platform3models@hotmail.co.uk
Web search: platform 3 models

3CP - Track Curve Plotting Tool

Unique, precise, easy to use, great way to plot and form realistic track routes

01606 889610 • 07743 426393
www.3cp-tools.co.uk • info@3cp-tools.co.uk



AirFramed

Bespoke Glass Display Cases
www.airframed.co.uk

OO gauge, O gauge, Gauge 1 and Gauge 3 cases with mirrored or clear back wall. Prices start from £35.00 plus p&p. Bespoke sizes made to order. Prices on application.

Bespoke and trade enquiries please call Nigel Julian on 07971 741478 or 01332 781795
email: nigel@airframed.co.uk



Severn Models

Fine Kits of Buildings & Miniature Detailing



Kits for N, OO & O layouts
See the website for a painting guide
Severn Models, PO Box 785, Broseley, TF7 9FT, UK.
www.SevernModels.com

BRANCHLINES

KITS AND ACCESSORIES

Please phone, write (SSAE + £1 in stamps) or e-mail for catalogues covering our range of loco, chassis, coach kits in 4mm scale standard gauge, 4 and 7mm scale narrow gauge, and part coach kits in 7mm scale standard gauge.

MOTORS and GEARBOXES

Also our catalogue covering the motors we stock (Mashima, Hanazono and Canon), Tenshodo motor bogies, our extensive range of one and two stage gearboxes, flywheels, bearings, drive shafts, wheels, etc.

P.O. BOX 4293, WESTBURY, BA13 9AA
Tel/Fax: 01373 822231 sales@branchlines.com



THE HOBBY GOBLIN

STOKE-ON-TRENT

54 Hamil Road, Burslem, Stoke-on-Trent ST6 1AU

- Hornby • Bachmann
- Peco • Dapol • Gaugemaster
- Woodland Scenics
- Plus much more!

OPEN: Tue, Weds, Fri 10-4;
Thurs 10-5.30 Sat 10-2

T: 01782 818433/07973 478294
E: thehobbygoblin-uk@hotmail.com
www.thehobbygoblin.co.uk

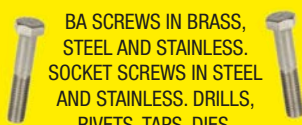
ITEMS MAIL ORDER LTD

MAYFIELD, MARSH LANE, SAUNDBY, RETFORD, NOTTS, DN22 9ES

Tel/Fax: 01427 848880

BA SCREWS IN BRASS, STEEL AND STAINLESS. SOCKET SCREWS IN STEEL AND STAINLESS. DRILLS, RIVETS, TAPS, DIES, END MILLS, SLOT DRILLS ETC

EMAIL: lostignition8@gmail.com or
PHONE: 01427 848880 FOR FREE PRICE LIST
www.itemsmailorderascraws.com



NICK TOZER

RAILWAY BOOKS

RAILWAY BOOKS BOUGHT & SOLD

Free Railway Booksearch Service

155 Church Street, Paddock, Huddersfield, HD1 4UJ
Shop now open: Tue/Wed/Sat (non-show dates) 11:00-17:00
+ Thu 14:00-20:00
Tel: 01484 518159 (answer machine)
www.railwaybook.com
email: nick@railwaybook.com

Crafty Hobbies

South Cumbria's number one shop for model railways, crafts, and doll's houses.



www.crafty-hobbies.co.uk
54 Cavendish Street, Barrow-in-Furness,
T: 01229 820759

CD Design

Made in the Garden of England



3d Printed Loco Bodies
from £42.00 (plus P&P)
bespoke numbering service available

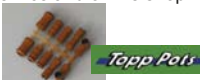
To see the full range or order online visit
www.cdc-design.net

Topp Trains

NEW

Shop for model railway enthusiasts
OPEN 9.30 - 4pm
CLOSED Weds & Sunday
Free Parking

Wide range of stock from all your favourite suppliers, PLUS bespoke services, ordering service and online shop.



Call us or see our website for details
28 Marston Road, Stafford, ST16 3BS
Tel: 01785 247883

Visiting the Isle of Wight?

UPSTAIRS DOWNSTAIRS
Pier Street - Sandown PO36 8JR

Two floors of locomotives, wagons, coaches, buildings, scenery, electrics, figures, cars and more!

ALL BRANDS
N-009-HO
OO-0n30-G

01 983 406 61 6 - www.trainshop.co.uk



REDCAR MODELS & HOBBIES

Most leading brands of 'OO' gauge model railways & accessories. Also Diecast, Plastic Kits, Woodland Scenics, K+S Metal Centre etc.

130 High Street, Redcar, Cleveland, TS10 3DH Tel: 01642 494912
(open Tuesday to Saturday)
Email: andrewnpaton@ntlworld.com

HORNBY SERVICE DEALER

SPC SIMPLIFIED POINT CONTROLS
www.spc-cov.uk



**Want to use less wires?
 Struggle with soldering?
 Want to use a more reliable system?**

**...Then check out
 SPC TODAY!**

Point alignment tools in N gauge & 00 Gauge
 making your point motor easy to fit

We specialise in products that make
 creating your DC/DCC layout easier.

*We will not
 be attending
 any shows for
 the foreseeable
 future*

JACKSONS
 MODELS & RAILWAYS



Hornby, Bachmann, Graham Farish
 Peco, Oxford, Woodland Scenics
 and many more...

Visit our new website for the full range
www.jacksonsmodels.co.uk

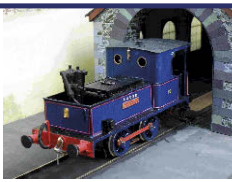
33 New Street Wigton CA7 9AL
 Trucks - Cars - Kits - Planes - Toy Soldiers - Railways - Hobby/Craft
 016973 42557 info@jacksonsmodels.co.uk find us: f t i

Relocated to new premises in Matlock where we will be continuing our online business

BILL HUDSON
 TRANSPORT BOOKS

FAMILY RUN BUSINESS SELLING NEW & SECONDHAND RAILWAY TITLES
 To view our stock please call or email in advance
www.billhudsontransportbooks.co.uk • Call: 07921 833469

ALPHAGRAPHIX
 THE HOME OF LIGHT RAILWAY MODELLING
 7mm Scale etched brass
 locomotive and carriage kits
 plus lineside buildings



Send 6x 2nd Class Stamps for CATALOGUE
sirberkeley@outlook.com
 23 Darris Road, Selly Park, Birmingham B29 7QY

"GERVASE" Kit £90

Mercian Models
 Visit our website
www.modelrailways.tv

High quality locomotives and rolling stock 4, 7 and 10mm scales (00, 0, 1 and NG)
1A MARKET WAY, HAGLEY, STOURBRIDGE, WEST MIDLANDS DY9 9LT
 Telephone: 01562 884800

Maestro PayPal Tel: 01933 355531 Mobile: 07969 535 699

H & A MODELS
 19 Keats Way, Higham Ferrers, Northants. NN10 8DQ
 Email: sales@hamodels.net

Coach & Wagon Kits, Wheels, Decals, Wagon Loads, Paint & Sundries
 Parkside Models, Dundas Models, Cambrian, Slaters, Ian Kirk, Red Panda, Dapol, Kadee, Ratio, Peco, Precision Paint, Modelmaster, Old Time Workshop, Labelle Oils, Alan Gibson, Romford, Seuthe, Smiths, Carr's
SLATERS 4MM WAGON KITS NOW IN STOCK - RED PANDA EXCLUSIVELY AVAILABLE FROM US
 Order on line at: www.hamodels.net or ring us (same day or next day despatch)
 Precision Paint & Carrs now available to purchase on Line and Mail Order
 Due to the current Government Health recommendations check our website for Exhibition updates

DURHAM TRAINS OF STANLEY
 MORE THAN JUST A MODEL SHOP

WE STOCK ALL MAJOR BRITISH OUTLINE ROLLING STOCK AND SCENICS AS WELL AS OXFORD DIECAST. WE ALSO OFFER A CHIP FITTING SERVICE RTO READY AND HOME DCC READY LOCOS AND SERVICE MOST MAKES OF LOCOS. JUST CLICK ON OUR WEBSITE FOR MORE INFORMATION. WE ALSO HAVE OVER 3000 ITEMS FOR SALE ONLINE.

6 STATION ROAD, STANLEY, CO.DURHAM, DH8 0JL
 SHOP OPEN MON-TUES-FRI-SAT OPEN 0930-1700 • THURS 1100-1900 • CLOSED WEDNESDAY AND SUNDAY
 TEL: 01207 232545 • www.durhamtrainsofstanley.co.uk • email: durhamtrainsofstanley@gmail.com

Howard Scenic Supplies
 See our range of hand made model scenery



www.howardscenicsupplies.co.uk

JOHN DUTFIELD LLP
 Gift Vouchers available

Stockists of many brands inc Bachmann, Hornby, Graham Farish, Dapol, Gaugemaster and Peco.
 Secondhand bought and sold.
 Selection of kits, glues, tools, paints and accessories.
Wards Yard, 133 Springfield Park Road (at the junction with Hill Road) Chelmsford CM2 6EE
 TEL: 01245 494455. EMAIL: heatherwilkinson@btconnect.com
www.johndutfieldmodelrailways.co.uk

Now stocking Cavalex and Accurascale

OPENING HOURS:
 9.00am-5.30pm
 Mon, Tues, Thurs, Fri and Saturday
 Closed Wed, Sun & Bank Holidays
 All major credit/debit cards accepted.

THE JUNCTION BOX

WANTED: PRE-OWNED MODEL RAILWAYS
 Contact Ian ☎ 07763 806306 / 01434 320328
ian@ihunter10.plus.com
 15 Shepherd Terrace, Haltwhistle, Northumberland NE49 9LS

P & D MARSH MODELS
PAINTED OO GAUGE

PDZ31 Lawnmower/barrow/man£7.85
 PDZ33 Man fishing from rowboat£9.50
 PDZ37 Belishas/bus stop/post box.....£8.70
 PDZ39 Coalmen and scales.....£8.70
 PDZ50 Loaded platform trolley/porter £8.70

PAINTED N GAUGE

PDX44 Trackside signs.....£8.00
 PDX64 Boat with outboard motor£6.30
 PDX66 Coalmen and scales.....£8.85
 PDX351 GWR Home signal.....£8.75
 PDX354L GWR LH junction signal.£16.75

AVAILABLE FROM ALL GOOD
 MODEL SHOPS. DISTRIBUTED BY
 EXPO TOOLS & DRILLS
WWW.PDMARSHMODELS.COM
07730 202270

PLASTICS • METALS • SCENICS
 00 & N Scale • Peco • Hornby • Bachmann • Metcalfe • Wills • Ratio • Dapol



SPORTS & MODEL
www.sportsandmodelshop.co.uk
 60 High Street, Dringwill, N15 8PY Based in the Highlands Phone: 01349 602346

Skytrex Model Railways
 Unit 1 Charnwood Business Park, North Rd,
 Loughborough, Leics LE11 1LE
 tel: 01509 213789
 For OO Gauge
www.skytrexmodelrailways.com
 For O Gauge
www.ogauge.co.uk
 Free subscription to newsletters!
 Details on websites

TRIDENT TRAINS

No 10, The Craft Arcade
 Dagfields Craft Centre,
 Crewe Road, Walgherton,
 Nantwich, Cheshire. CW5 7LG

www.tridenttrains.co.uk

HORNBY - BACHMANN - DCC CONCEPTS - TRAIN-TECH - FARISH - DAPOL
 PECO - LENZ - GAUGEMASTER - METCALFE - RATIO + MUCH MORE
 01270 842400

NEXT ISSUE OF BRM
 BRITISH RAILWAY MODELLING
ON SALE 16th JULY

WEB DIRECTORY

WD MODELS

"for all your modelling needs"

Your local supplier with all you need and more

25 Chatsworth Road, Chesterfield S40 2AH

01246 208244 • info@wdmodels.co.uk

www.wdmodels.co.uk



CONNOISSEUR MODELS

0 Gauge Etched Locomotive, Wagon & Carriage Kits

Website & On Line Catalogue

www.jimmcgeown.com

or Send 2nd Class Address Label For Free Printed Catalogue

1 Newton Cottages, Nr Weobley, Herefordshire HR4 8QX

roxeymouldings.co.uk

Your website for finescale locomotive, carriage and wagon kits in 00 and 0 gauges. A wide range of accessories in stock from Slater's, Markits, Romford, Alan Gibson and our own etched detail frets. Southwark Bridge coach kits and platform accessories. Motors for 4mm/00 and 7mm/0, with gears and gearboxes from Markits and Roxey. Markits 00 rolling stock wheels and our own turned steel wheels for 0 gauge. For Exhibition sales only, we stock solder, flux and Precision Paints.



58 Dudley Road, Walton-on-Thames, Surrey KT12 2JU

Tel: 01932 245439



Always looking to bring you the best in
Digital Command Control systems and support

For further details please send a SAE to:

SCC Ltd. PO Box 381, Abingdon SO, OX13 6YB Tel: 01865 730455

Or visit our website at: www.scc4dcc.co.uk Email: info@scc4dcc.co.uk



Millennium Models

Hornby, Bachmann, Peco and more.

New and Secondhand stock

Jarvis, Dapol, Metcalfe, Corgi, Oxford

67 Queen Street, Morley, Leeds LS27 8EB

Tel: 0113 2189286 www.millenniummodels.co.uk



Model Railway
Detailing Specialists

Suppliers of Detailing Kits &
Accessories in N, OO & O Gauge

www.northwesternmodels.co.uk

0161 494 2738

info@northwesternmodels.co.uk

Tri-angman

specialist in model railways

Tri-ang, Hornby, Wrenn,
Bachmann, Minic etc...
buy, sell & repair hard to
find items and collectables

Find me on

www.tri-angman.co.uk

or contact:

Tel 07966 333605

laurence@tri-angman.co.uk

ADVERTISERS' INDEX

3cp-Tools.....126	Megapoint Controllers....85, 105
3mm Society98	Mercian Models126
A C Models98	Metcalfe Models & Toys 10 & 11
AGR Model Railway Store.....123	Middleton Press.....124
Airframed126	Mike Pett124
Albion Alloys Limited.....123	Mike's Models124
Alphagraphix126	Millenium Models'128
Anything Narrow Gauge.....84	Merg.....124
Bachmann Europe Plc.....2	Model Railways Online.....89
Bill Hudson Transport Books.126	Monk Bar Model Shop Ltd....124
Bole Laser Craft.....84	Morris Models.....124
Book Law Publications.....111	N Gauge Society110
Branchlines126	Nick Tozer.....126
Brimal.co.uk120	North Western Models.....128
Brunel Models84	P & D Marsh126
Cambrian Model Rail Ltd 84, 123	P & S Hobbies & Models84
Cm3models111	Pennine Models'121
Coastal Dcc Ltd123	Peters Spares121
Connoisseur Models128	Platform 3 Models126
Crafty Hobbies126	Rails Of Sheffield 115 - 119
Crane Garden Buildings85	Railway Conductor.....120
Dapol Limited131	Redcar Models & Hobbies...126
Dexters Cove Models125	Rhuddlan Models126
Digitrains Limited.....99	Roxey Mouldings128
Dream Steam Limited84, 123	Scale Model Scenery Ltd124
Durham Trains Of Stanley.....126	Scalescenes.com.....122
Dylcom Models84	Severn Models.....126
E.M.A.....125	Shady Lane Models124
Eileen's Emporium125	Skytrex (2013) Limited.....126
Ellis Clark Trains19	South Eastern Finecast122
Express Models122	South West Digital Ltd.....54
Fox Transfers Ltd105	Spc Simplified Point Controls126
Frizinghall Models & Railways89	Special Auction Services *55
Garden Railways Limited84	Sports And Model Shop.....126
Gaugemaster Com20, 84	Street Level Models'126
Gfb Designs (Sig-Na Trak)105	Sunningwell.....128
Ghost-Signs.....125	Ten Commandments.....121
Golden Valley Hobbies.....114	The Hereford Model Centre6
Grimy Times Model Railways114	The Hobby Goblin'.....126
H. & A. Models126	The Hobby Shop122
Harder & Steenbeck.....93	The Junction Box126
Hatton's 16, 17, 94, 95, 132	The Model Train Centre114
High Lane Model Railways ...125	TMC..... 12 - 15
Hornby Hobbies Limited.....21	Tony's Trains122
Howard Scenic Supplies126	Topp Trains126
In The Greenwood Laser111	Tower Models3
Irish Railway Models.....7	Townstreet.....122
Isinglass Models125	Trains 4u122
Items Mail Order Ltd126	Tri-Angman.....128
Jacksons Models.....126	Trident Trains Model Shop...126
John Dutfield126	Upstairs Downstairs.....126
Kent Garden Railways...84, 120	Vectis98
Kernow 96 & 97	W D Models128
Langley Miniature Models110	W M Collectables121
Lord And Butler125	Warwick & Warwick8
Mad About Trains122	York Modelmaking125
Magnet Insurance110	You Choos.....120
Malc's Models.....125	
Marcway Models110	
Maxitrak Limited.....84	

NEXT ISSUE

DIGITAL EVOLUTION

More than three decades since the creation of DCC control, we examine the growing 'hands-free' trend with some of its users

THREE LAYOUTS:

Upham Market (00)

Boston Frodsham (P4)

Mannin Middle (009)

ON-SALE
FROM
JULY 16

Plus:

- Fit a DCC decoder to a Spud motor unit
- Mineral wagon kits built and compared
- How to make a building site
- Lockdown modelling – we share your creations
- Create an Isle of Man-inspired layout
- The changing face of digital control



Buffer Stop

Digging in the back of the cupboard

One pleasant outcome of lockdown is the amount of modelling time handed to many people. All those kits and projects that you haven't had time for, well, now is their time to shine.

Not for us, hours of staring at the TV worrying about the news or trying to figure out the plot lines of some multi-episode drama. Instead, we have a hobby that is both creative and absorbing. Judging by the e-mails coming in to us, catching up on some modelling is exactly what most people seem to be doing!

As we concentrate on carefully painting a new building, neatly ballasting some track or just perfecting our shunting, our minds are absorbed on the task in hand. It's relaxing and will help us get through this.

It's also the sort of therapy that people pay a fortune for. Good job we prepared by stocking up on things to build in advance!

Burning Question...

Once we are able to head off to a preserved railway for a day out, what will you take for lunch?

Andy: You can't beat the pork pies on the Severn Valley Railway, so I'll help boost their funds.

Phil: I'm a traditionalist. Chocolate spread sandwiches and Tizer.

Howard: A portable BBQ and ribeye - let's all have a proper day out!

Debbie: An ice cold bottle of beer with a tray of chips...

Ruth: Cheese and cucumber sandwiches! Without the crusts of course.



This month in pictures...



Andy was upset when his run of layouts with beer ended and he's looking for some very small glasses for his scale 47,250 pints of Guinness.



Debbie is introducing her son to the world of railways nice and early with this toddler Thomas playset.



Phil fired up his live-steam locomotive for a run around the garden line. It's a while since he's done this, and found it takes a long while to boil if you don't light the burner properly!



Spares have arrived for Howard's damaged Iwata airbrush. Combined with a trick airbrush sharpening tool, let's hope he can repair it!

Follow us



Follow us on
Facebook
Search for 'British
Railway Modelling'



Follow us on
Instagram
@brmmagazine



Follow us on
Twitter
@BRMmagazine

RMweb

Join the
discussion on
RMweb.co.uk



Subscribe to our
YouTube channel
Search for 'British
Railway Modelling'

dapol

model railway company

Dapol Limited, Gledrid Industrial Park, Chirk, Wrexham, LL14 5DG

Coming soon...

For the most up to date
Dapol news & information visit
www.dapol.co.uk

57xx Pannier



75-007-007 - Class 57xx Pannier 9669 BR Black Late Crest
75-007-007D - Class 57xx Pannier 9669 BR Black Late Crest DCC
75-007-007S - Class 57xx Pannier 9669 BR Black Late Crest DCC & Sound
75-007-008 - Class 57xx Pannier 6739 BR Black Early Crest
75-007-008D - Class 57xx Pannier 6739 BR Black Early Crest DCC
75-007-008S - Class 57xx Pannier 6739 BR Black Early Crest DCC & Sound
75-007-009 - Class 57xx Pannier 5775 GNSR Lined Caramel
75-007-009D - Class 57xx Pannier 5775 GNSR Lined Caramel DCC
75-007-009S - Class 57xx Pannier 5775 GNSR Lined Caramel DCC & Sound
75-007-010 - Class 57xx Pannier 8784 Great Western Green
75-007-010D - Class 57xx Pannier 8784 Great Western Green DCC
75-007-010S - Class 57xx Pannier 8784 Great Western Green DCC & Sound
75-007-011 - Class 57xx Pannier 7714 BR Black Late Crest
75-007-011D - Class 57xx Pannier 7714 BR Black Late Crest DCC
75-007-011S - Class 57xx Pannier 7714 BR Black Late Crest DCC & Sound
75-007-012 - Class 57xx Pannier 8763 BR Lined Black Early Crest
75-007-012D - Class 57xx Pannier 8763 BR Lined Black Early Crest DCC
75-007-012S - Class 57xx Pannier 8763 BR Lined Black Early Crest DCC & Sound

Terrier & B4 Models Now In Stock



Visit www.dapol.co.uk For Full Product Listings

Turbot Bogie Ballast Wagon



7F-043-001 - Turbot Bogie Ballast Wagon EWS Maroon DB978363
7F-043-002 - Turbot Bogie Ballast Wagon EWS Maroon DB978396
7F-043-003 - Turbot Bogie Ballast Wagon EWS Maroon DB978309
7F-043-004 - Turbot Bogie Ballast Wagon Eng. Dutch Livery DB978337
7F-043-005 - Turbot Bogie Ballast Wagon Eng. Dutch Livery DB978407
7F-043-006 - Turbot Bogie Ballast Wagon Eng. Dutch Livery DB978702



Product Scale Key—All Release Dates
Correct at time of going to press

☐ Gauge ☐ OO Gauge ☐ N Gauge

dapol

collectors

club

ONLY £25 PER YEAR
(Plus p&p)

15% DISCOUNT ON ALL DAPOL PRODUCTS PURCHASED
THROUGH DAPOL

ANNUAL OPEN DAY

4 NEWSLETTERS PER YEAR

IN GAUGES 'N' 'OO' & 'O'

FOR MORE INFORMATION CONTACT ANDREA / NEIL ON 01691 774455 OPTION 1 OR EMAIL club@dapol.co.uk

SPECIAL COMMISSION WAGONS

- YOUR CHOICE OF DAPOL BODY
- YOUR CHOICE OF LIVERY
- TURN AROUND IN JUST 3 MONTHS
- FROM JUST 100 IDENTICAL MODELS IN 'OO' OR 'N' 25 IN 'O'
- FOR MORE DETAILS CONTACT CLAIRE ON 01691 774455 OPTION 1 OR EMAIL studio@dapol.co.uk



Hattons Trunk Service

The new Hattons 'Trunk' service enables you to purchase items and have them held indefinitely* at the Hattons hub until a later date.

Coronavirus Lockdown

Enables you to 'secure' items if we are required to suspend despatch operations due to Coronavirus.

International Shipping

Combine your orders into one shipment to save money on overseas postage costs!

Never Miss a Rare Item!

Purchase any item straight away to secure it and then combine it with another shipment later.

“This definitely sounds like a service I will be using, especially with the present COVID-19 situation.”
- **Brian, UK**

“As an Australian buyer, I like this idea as many times I have bought pre-owned items - then placed a separate order for new items the following day. Terrific service!”
- **Greg, Aus**

Stock Details

Is this item actually in stock? **Yes**

More than 10 in stock.

Normal UK postage for 1 of this item: £4 (Postage Rates)

Single Qty:

1

for £99

Add to cart

Add to trunk

(weighs 304g)

Qty:

1

Add to wishlist

Your Trunk Options

You can update your options using the form provided below. Fields marked with a * are required.

Default Payment Card: *

Please select.....

Default Delivery Address: *

Please select.....

Trunk all Preorders:

☐

Send Summary Email:

☐

Email Reminder Day: *

Monday

Update Options

Find out more at: www.hattons.co.uk/trunk

*Length of time that items can be held for will be reviewed and is subject to change.

GARDEN

Rail

MAY 2020
ISSUE 309

**NEW LOCOMOTIVE SHED FROM BOLE
LASERCRAFT FOR 16MM**



AMAZING AUTOMATION

**A G SCALE RAILWAY AROUND A COTTAGE
CONTROLLED BY A LAPTOP**



**BUG BOX BONANZA FROM
WOOD VALLEY WORKS**





Request your **FREE**
Catalogue
today!

Garden Railways

16mm & G Scale

Visit Our Aylesford Show Room!
Open Monday-Friday 10am-4:30pm
Saturday 10am-1pm

0800 022 4473

www.dream-steam.com

Locomotives | Rolling Stock | Track | Accessories | Upgrades | Fixing kits & Washers | Chuffers | G Scale Figures | Curve Setters

FEATURE OF THE MONTH: ROUNDHOUSE

Bertie Maroon 45mm £675

Bertie is typical of the style of Saddle Tank locos that were probably the most common type of small locomotive found on British narrow gauge railways.



Jennie Deep Brunswick Green 32mm £799

Jennie is ideally suited for those looking for something in between our smaller basic engines and larger classic engines.



Bulldog Victoria Maroon Chevron Buffers £645

Bulldog is another freelance design typical of a powerful small yard shunter and, though it shares the same chassis with Little John, it has a more purposeful look and features extra detail and a working head lamp.



A range of cast white metal items are available on our website



Sammie 32mm & 45mm £675

Sammie, whilst freelance in design, is typical of the small and medium sized US Saddle Tank locos like Baldwin and Porter. He is offered ready to run in a choice of either 32mm or 45mm gauge. Being internally gas fired, Sammie is efficient and powerful and is similar to Bertie in many respects.

Please note basic range takes 16 weeks from initial order and other locomotives are in batches. Batch dates will be in product description. Locomotives in stock will state instant dispatch available. *In stock as of 29/02/2020, please note these loco's may no longer be available, check stocks online or call.

PECO

32mm (SM32) Track

Flexi Track - 12 Pack	SL600x12	£110.00
Flexi Track - 4 Pack	SL600x4	£38.00
Flexi Track - Single	SL600x1	£10.00
Setrack Curve - 6 Pack	ST605x6	£55.00
Setrack Curve - Single	ST605x1	£10.00
Setrack 38 Radius Curve - Single	ST607	£10.00
Setrack 38 Radius Curve - Six Pack	ST607x6	£55.00
Right Hand Point	SLE695	£45.00
Left Hand Point	SLE696	£45.00
Y Point	SLE697	£45.00
Small Radius Right Hand Turnout	SLE691	£45.00
Small Radius Left Hand Turnout	SLE692	£45.00
Wagon Turntable and Crossing	SL627	£20.00
Rail Joiners - 24 Pack	SL810	£3.50

45mm (G45) Track

Flexi Track - Six Pack	SL900x6	£85.00
Flexi Track - Single	SL900x1	£16.00
Setrack Curve - Six Pack	ST905x6	£45.00
Setrack Curve - Single	ST905x1	£8.50
Setrack Straight - Six Pack	ST902x6	£45.00
Setrack Straight - Single	ST902x1	£8.50
Right Hand Point	SL995	£60.00
Left Hand Point	SL996	£60.00
Point Motor Mounting Plate	PL8	£3.60
Metal Rail Joiners - 18 Pack	SL910	£6.00
Insulating Rail Joiners - 12 Pack	SL911	£3.10
Dual Rail Joiners - 6 Pack	SL912	£6.00

SUMMERLANDS CHUFFER

These highly developed and precision engineered chuff pipes that can bring the real sound of a working steam loco. A wide range always in stock! Specials can be ordered on request

£29
inc. P&P

ROUNDHOUSE

In Stock Now*

Bertie Maroon, 45mm	£675
Lady Anne Maroon, R/C 32mm	£1,625
Sammie 32mm & 45mm	£675
Jennie Deep Brunswick Green 32mm	£799
Bulldog Victorian Maroon, Chevron Buffers	£647

On Order

Katie	Due Aug 2020
Lady Anne	Due Dec 2020
Russell	Due Nov 2020
Billy	Due Jan 2021

Please note all loco's 'on order' can be altered to your own specification requirements. Deposit of only £200 required

MSS

Maroon Tender (32mm/45mm)	911403	£55.00
Green Tender (32mm/45mm)	911405	£55.00
Black Tender (32mm/45mm)	911401-BL	£55.00
Blue Tender (32mm/45mm)	911402-BL	£55.00
Maroon Passenger Coach (32mm/45mm)	911201	£55.00
Blue Passenger Coach (32mm/45mm)	911201BL	£55.00
Log Wagon (32mm/45mm)	911501	£55.00
Goods Van (32mm/45mm)	911101	£55.00
Guards Van (32mm/45mm)	911001	£55.00
Coal Wagon Grey (32mm/45mm)	911505	£55.00
Coal Wagon Unpainted (32mm/45mm)	911505-1	£55.00
Pair of Flat Bed Wagons (32mm/45mm)	911301	£55.00
Straight Track	910003	£35.50
Curved Track	910005	£35.50
Left Hand Point	910001	£25.40
Right Hand Point	910002	£25.40
Side Tank Locomotive (32mm/45mm)	909003	£210.00
Saddle Tank Locomotive (32mm/45mm)	909013	£240.00
Side Tank Locomotive Kit (32mm/45mm)	909011	£200.00

SLATERS

Festiniog Railway Ashbury First Class 4-Wheel Carriage Kit	16C01	£73.50
Festiniog Railway Third Class Ashbury 4-Wheel Carriage Kit	16C02	£73.50
Dinorwic Slate Wagon Kit	16W01	£20.00
Festiniog Railway 2 Ton Braked Slate Wagon Kit	16W03	£26.60
Festiniog Railway 2 Ton Unbraked Slate Wagon Kit	16W04	£27.00
War Department Light Railways K Class Skip Wagon Kit	16W06	£23.00
Dinorwic Quarry Slab Wagon Kit	16W08	£25.50
Dinorwic Quarry "rubbish" Wagon Kit	16W09	£25.50
Slater's Mek-Pak	0502	£5.00
Slater's Mek-Pak Brush	0505	£3.70

DSW

Upgrade Cylinders	DSUPCYL	£72.00
Ceramic Gas Burner Set	DSUPGBS	£90.00
Three Wick Meths Burner	DSUP3WMB	£45.00
Dead Leg Lubricator	DSUPDLDL	£29.00
Steam Regulator Kit	DSUPSRK	£38.00
Small Brass Chimney Cowl	DSNSMCWL	£4.00
Brass Cab Hand Rails	DSENCH	£4.20
Brass Side Tank Hand Rails	DSNSTHR	£5.20
Brass Smoke Box Hand Rails	DSNSBXHR	£3.10
Cylinder Covers	DSENCYCV	£12.00
Brass Sand Boxes	DSNSBX	£12.50
Brass Tank Tops	DSNVTT	£9.40
Lubricating Oil	SWLUB30	£3.00
Meths Burner Wick	DSWWM6	£1.90
Curve Tipped Syringe	DSWCTS	£2.10
480 Steam Oil 500ml	DSW480SO500	£5.50
220 Steam Oil 500ml	DSW220SO500	£5.50
Solid Fuel Tablets	980001	£3.50
Water Filler Bottle	DSWVFB	£4.00
Meths Filler Bottle	DSWMFB	£3.00

Set-a-Curve

Available in 32mm and 45mm with a wide range of Radii

£15



MAMOD

MK3	From £353.00
MST	From £353.00
MBrunelOG	£460.00
Boulton	From £325.00
Tram	£520.00
Tender	£45.00
MTDR	£42.00
MTNK	£49.50
MGWN	£75.00
MGVAN	

**DON'T FORGET YOUR MAMOD
ELECTRIC LOCO CHARGER
£35**

MSS 3/4 SIDE TANK - £300
MSS TANKER - £55
MSS TANKER KIT - £53



Dream Steam Ltd, Ground Floor Suite, Vanguard House, Mills Road, Aylesford, Kent, ME20 7NA

Call us: 0800 022 4473 or send an email to sales@dream-steam.com

www.dream-steam.com | sales@dream-steam.com | Instagram: @dreamsteamltd | facebook @dreamsteamworks



VIEW FROM THE END OF THE PLATFORM



Incorporating GARDEN RAILWAY
WORLD Issue 309 May 2020

Publisher: Steve Cole

stevec@warnersgroup.co.uk

Editor: Phil Parker

phil.parker@warnersgroup.co.uk

T: 07879 664 383

Design: Neil Sayer

Advertising: Bev Machin

bevm@warnersgroup.co.uk T: 01778 392055

Hollie Deboo

hollie.deboo@warnersgroup.co.uk T: 01778 395078

Production: Allison Mould

Allison.mould@warnersgroup.co.uk T: 01778 395002

Advertising Designer: Amie Carter

amiec@warnersgroup.co.uk

Marketing Manager: Carly Dudge

carlyd@warnersgroup.co.uk

Contributors: Ian Beech, Henri Kroeze, Dave Skertchly,

Mark Thatcher, Paul Thorold, Mike Wakefield,

Keith Wilson

Cartoon: Barbara Martin

www.warnersgroup.co.uk

©Warners Group Publications plc 2020

All rights reserved. Material is only accepted on the understanding that there are no copyright restrictions. Although every care will be taken, all materials submitted are at the owner's risk and Warners Group Publications cannot be held responsible for loss or damage however caused. Copyright on all materials in this magazine remains vested in the Authors and Warners Group Publications. Reproduction of the whole or any part is forbidden without relevant permissions. Warners Group Publications and the Editor cannot be held responsible for any error that might occur in text or advertisements. Reliance placed upon the contents of the magazine is entirely at the reader's own risk.

Printed by: Warners Midlands plc

Distribution

News Trade – Warners Distribution

T: 01778 392417

Model Trade – Warners Trade Sales

T: 01778 392404

Overseas Agents – Japan

Erei Co, Ltd 1-1-12 Toyotama-kita,
Nerima-ku, Tokyo 176

Subscriptions

T: 01778 392465 F: 01778 421706

(UK & Overseas)

subscriptions@warnersgroup.co.uk

UK: £57.00 12 issues (1 year)

(UK DD: £11.99 Quarterly, £49.99 Annually)

Rest of Europe: £71.00 12 issues (1 year)

Rest of World: £83.00 12 issues (1 year)

You can now manage your subscription online at:

www.world-of-railways.co.uk

www.warners.gr/gardenrailrenewals

Back Issues

T: 01778 391180

subsacccetteam@warnersgroup.co.uk

West Street, Bourne, Lincolnshire PE10 9PH

Keep calm and build garden railways

We live in “interesting” times. I should be talking about an enjoyable National Festival of Garden Railways, but thanks to the Corona virus, this has been postponed until November. Up and down the country, the same fate has befallen other events, and will continue to do so for the foreseeable future.

While we mustn't ignore the wider consequences, this is a hobby magazine so I feel I should focus on those who will be badly hit by the loss of shows – our manufacturers and traders.

For many, losing a show means a hole in their cash-flow. While everyone working in our hobby is an enthusiast, a love of large scale model railways won't pay the bills.

If we want our shows to be well supported by the trade in the future, they need our support now. To put it bluntly, we need to buy stuff. Get on the Internet or pick up the phone and place an order. Flick through the advertisers in any issue of **Garden Rail** and treat yourself.

For many, a lack of time to build our models isn't going to be an issue for a while, so that new kit won't sit on the shelf for very long.

This won't just help the trade of course, it will help you. Being stuck at home isn't going to be a lot of fun. It's too easy to dwell on the news all day and this isn't healthy for our mental health.

At least we all have a hobby to occupy

us. Better still, it's a hobby that involves being out in the fresh air whilst allowing for the correct social distancing. Basically, most of us have just had all the excuses for not getting on with our railway torn away. Yes, I know there will be excuses for not doing DIY jobs vanishing in the same way, but let's focus on the railway. While focussing on the railway, how about taking the time to write for **Garden Rail**? I could do with more layout features, so point a camera at your line and send me the results. Don't be modest, someone will always be inspired by your efforts.

In the meantime, we've been forced to make a few changes to the magazine but don't worry, everyone is working hard to bring you the best large scale modelling every month. Keep yourselves safe and enjoy your hobby.



CONTENTS

P6 THE LIGHTHOUSE AND
GORSEBANK RAILWAY Ian Beech

P16 BACKER & RUEB STEAM TRAM
NO. 16 Henri Kroeze

P22 THE PROBLEM WITH PEOPLE
Dave Skertchly

P30 DOWN, DOWN, DEEPER AND
DOWN Mark Thatcher

P35 RESTORING AN ACCUCRAFT
CARADOC Mike Wakefield

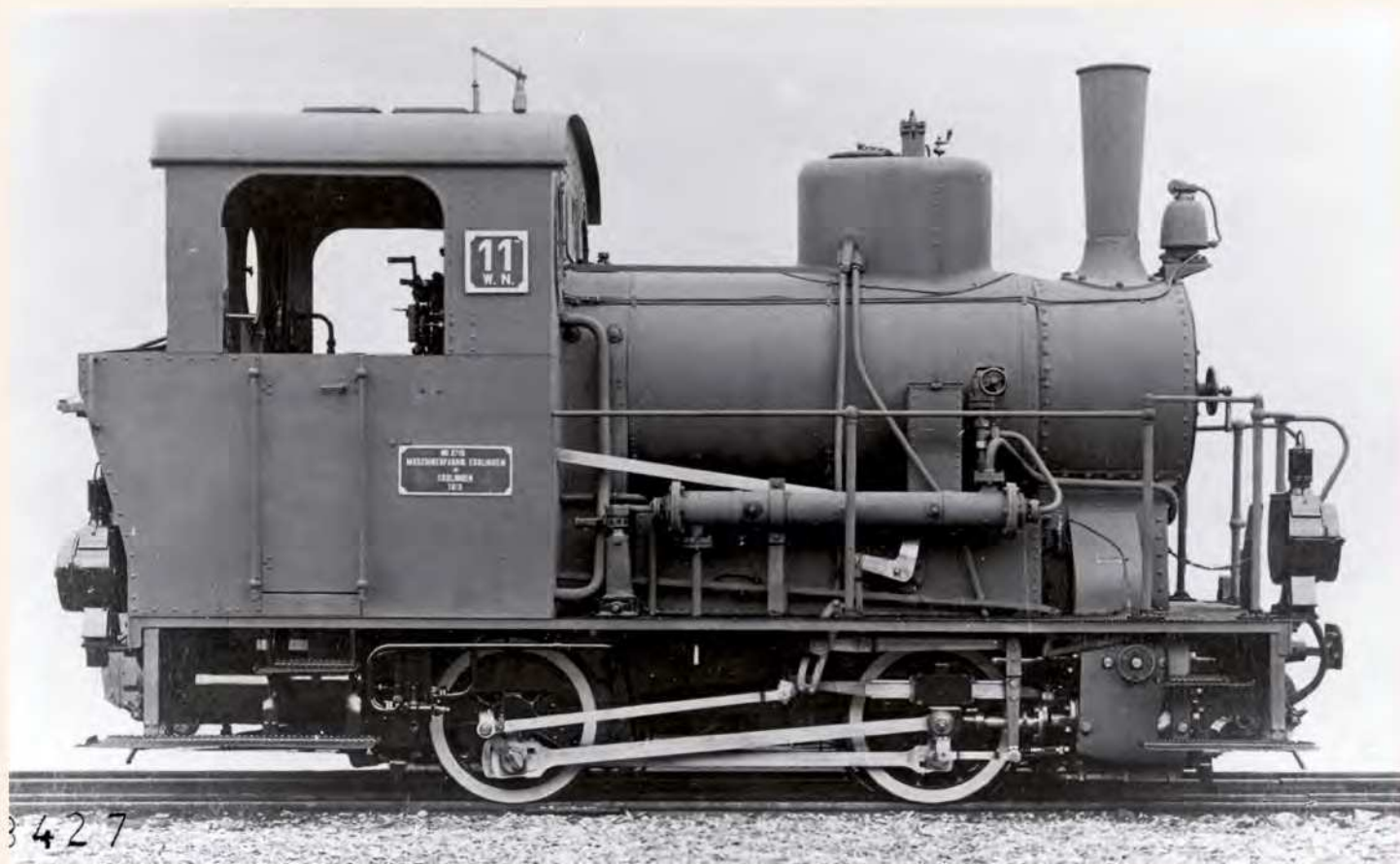
P39 FEN END RAILWAY SAWMILL
Paul Thorold

P48 PRODUCT NEWS

P50 DIARY DATES

P52 LETTERS

P54 PLUM TREE LANE CROSSING
Keith Wilson



KM1

Models from Modellers!

G Scale 1/22,5

now 1592,- €
until December 31, 2020

Class Bh2t, 3710 / 3711 – Locomotive „11“ and „12“

Original: The locomotives 3710 and 3711 were built in the year 1913 by the „Maschinenfabrik Esslingen“. They were originally designed for the famous „Haertsfeldbahn“, that was part of the South German Railways. It connected the Royal Wuerttemberg Railways with the Royal Bavarian Railways on a 1 meter narrow gauge track, routed between Aalen and Dillingen. These steam engines are today still operated by the Railway Museum of „Haertsfeldbahn“, which is located in a picturesque area, starting from Neresheim Abbey. The locomotives were in service until 1964. They managed the route with a maximum slope of 3% and were equipped with a Heusinger valve gear and superheaters. You can still experience a run under steam with „Locomotive 12“ today. (www.hmb-ev.de)

Model: Precision handcrafted brass model, coreless motor, DCC decoder with power pack and HiFi-sound, broadband speaker, synchronized dynamic smoke system with piston steam function, cab lighting, LED imitation of firebox, operational firebox door, switchable multi color headlights (white/red), warmwhite LED's, reliable cardan drive with ball-bearing gear, axles ball-bearing and sprung, power pickup trough axle bearing, stainless steel wheel tires, operational lids and doors, smokebox door can be opened, detailed backhead and cab interior, prototypical painting and livery, overall length approx. 27.5 cm, Minimum operation radius 60 cm, weight approx. 3 kg.

We manufacture 11 different types from locomotive „11“ and „12“ at prototypical stages between 1913 until today. Scale 1/22.5.

KM1 Modellbau e. K.
Ludwigstraße 14, 89415 Lauingen

☎ +49 - (0)9072 - 922 67 0
☎ +49 - (0)9072 - 922 67 22

✉ info@km-1.de
🌐 www.km-1.de

For more information and details, visit our website. Offers are valid only while stock lasts. Optical and technical modifications are subject to change. Our terms and conditions of business are applied. Copyright and pictures: KM1 Modellbau. All rights reserved.



ELLIS CLARK TRAINS

Unit 1 Toller Court
Shortbank Road, Skipton
North Yorkshire BD23 2HG

WANTED

VISIT our
**O GAUGE &
LARGER** gauge
SHOWROOM

LOOKING TO SELL YOUR COLLECTION?

WE HIGHLY VALUE YOUR MODELS

- ◆ Full/part collections purchased
- ◆ No need for a list - we travel and view/collect
- ◆ Everything purchased - railways, die-cast & Railwayana
- ◆ All gauges and ages, including continental & US
- ◆ Upfront payment by cash, bank transfer or cheque
- ◆ Vast experience in purchasing large collections
- ◆ Friendly and professional service
- ◆ Specialised interest in 7mm O gauge

GET IN TOUCH

ellisclarktrains.com

01756 701451

ellis@ellisclarktrains.com

CONTACT ELLIS OR ALBERT



The Lighthouse and Gorsebank Railway

Why build a Garden Railway? There are many reasons, Ian Beech explains his with a tour of his line.

It may seem a strange question to be putting in a specialist magazine like *Garden Rail*, but I am sure people's reasons are varied and possibly not what you may expect.

What was my reason for spending a lot of time, and for that matter money, in virtually filling the available space around our bungalow with yards

of 45mm track and its associated infrastructure?

The answer, Computer Control.

For as long as I have been a miniature and model railway enthusiast I have always had a desire to see a railway operate itself, whilst I sit back with a glass of beer, or Vimto in my youth, admiring my achievement.

Don't get me wrong, I enjoy operating locomotives, be it live steam, battery, DCC or analogue as much as the next trainoholic, but to see trains running, stopping at stations, obeying signals and in general operating themselves with the added possibility of taking over control of any automatic train or indeed adding in additional manually operated motive power has always been my goal

SO HOW TO GO ABOUT IT?

For me DCC was the way forward. I have built automatic 00 and Z gauge layouts in the past using analogue control, but these were only partially successful with stops and starts always being abrupt and loco sound being lost at all the isolated sections. I am sure there are ways around this but DCC makes these aspects so much easier.

I needed a track plan that would allow a number of trains to run under block control but at the same time add more interest for the observer.

My method was to build two loops of track each divided into five

Furka Oberalp Electric crosses the lift out one-piece bridge over the drive.



The laptop running Stellwerk Easy software that controls the entire layout.

A magnetically operated track switch used by the computer to keep track of locos.



Below Left: Home made brass fishplates bolted up with 10BA brass screws, nuts and washers. The original rounded ballast since been replaced.

Below: HF 110 99 4652 just given the road at Gorsebank platform while Meyer IV K stands at Gorsebank Station.



block sections, but with one section common to both loops. This common section would see bi-directional running with the computer preventing further entry to this block from either end once occupied.

In addition to this, goods sidings, bay platforms and a branch line to Lighthouse station incorporating a rack section were included to permit manual operation whilst the software took care of the two main running lines.

In order for the automatic system to function reliable for hours on end, derailments had to be avoided and so alongside the use of only one manufacturers track and rolling stock, Thermalite blocks were laid into the



99 4651 prepares to depart from Gorsebank station.



Always make sure your suitcase is securely fastened.

ground to give a level and even track bed to which LGB rail was pinned down.

I have had only one expansion issue which occurred along the 21 yard straight run down one side of our home during an extremely hot afternoon, this being cured by the introduction of two expansion joints along this length.

The track was then cosmetically ballasted and although the odd piece of ballast does get trapped in the point blades between operating sessions, due to the rain, once cleared prior to running this has not proved to be an issue. The original ballast came from the sieved sand used in the IOM Steam Railways sand boxes, but re-ballasting has been done using horticultural grit which although slightly oversize looks more realistic being sharp edged.

Rail connections also needed to be considered as dead spots due to high



Mallet 99 201 waits for green in front of the platform 2 trap points.



resistance joints would develop over time - we live 100 yards from the Irish Sea.

I did not wish to use rail clamps but did want a reliable connection that looked as close to prototypical as possible, and so I decided to make my own fish plates from brass and to drill all my rail ends and secure with brass 10 BA screws nuts and washers. Approximately 1400 of each were used along with 700 fishplates.

I also decided to wire all point blades to the appropriate stock rail to avoid continuity issues once they have lived outside for a number of years, particularly when short wheel base locomotives traverse them.

To date, after around nine years of operation I have not had a single issue

Local train being unloaded at Bride goods station.

RhB Heidi, so called because it became famous for appearing in the film of the novel Heidi.



The diesel on the long straight beside the house.

with continuity, dead points or loose fishplate bolts anywhere on the railway.

As mentioned above, the automatic operation is currently limited to a maximum of four trains running around each of the two loops, although I find three trains works better as some, dependent on their speed, will stop at signals set at danger whilst others will have a continuous run under green.

If different numbers of trains are operated on each loop, variation in

Works train waits in Bride platform. The loco has a WiFi camera fitted in its radiator grill.





Bride station showing the cable car in the background.



A Zahnrad HG 3/3climbs the rack to Lighthouse Station.



Bride signal box.



A little homage to the artist Terence Cuneo at Jurby Station.



trains meeting at stations is achieved. Both loops of the railway pass under the workbench in my workshop and this enables all locos and rolling stock to be easily and quickly stored at the end of the running session.

Since the railway is all LGB, although now using a Massoth base station with 12 Amp capacity, it made sense to use software originally developed for LGB by Jurgen Schwarz. This has been available directly under the name Stellwerk Easy for a number of years and originally came to my attention when I purchased a large bundle of LGB items via the usual on-line auction site.

The seller was a very nice gentleman and clearly a very able code writer, the help given to me both prior to purchase

Right: The line runs through my shed so the trains can be quickly brought in from the Manx liquid sunshine.

and since has been invaluable. This software is still being developed the latest version being 10.0.013. I have no links with this company other than being a very satisfied customer.

The Software is easy to use and once you have your head around using schedule control, lots of things are possible. Each loco is fitted with a magnet which triggers track switches enabling the computer to keep track of train positions.

When used in manual mode all locos, signals and point work can be operated at the click of a mouse or normal hand controllers can be used.

My priority was clearly to have a reliable automatic layout which although not set to any particular time frame or country still needed to look well. To this end four stations, Bride, Gorsebank, Jurby and Lighthouse have been modelled along with a goods shed, signal box, Lighthouse and Lingerie Factory owned by G.S.Tring.

All the buildings and platform canopies are illuminated using LED strip and an Arduino controlled cable cars runs at random from its station.

A long, one-piece, double span lift out bridge built from aluminium and held together with round head aluminium

Of course there's one of these at Lighthouse Station.. There's a real one in sight of the railway too.

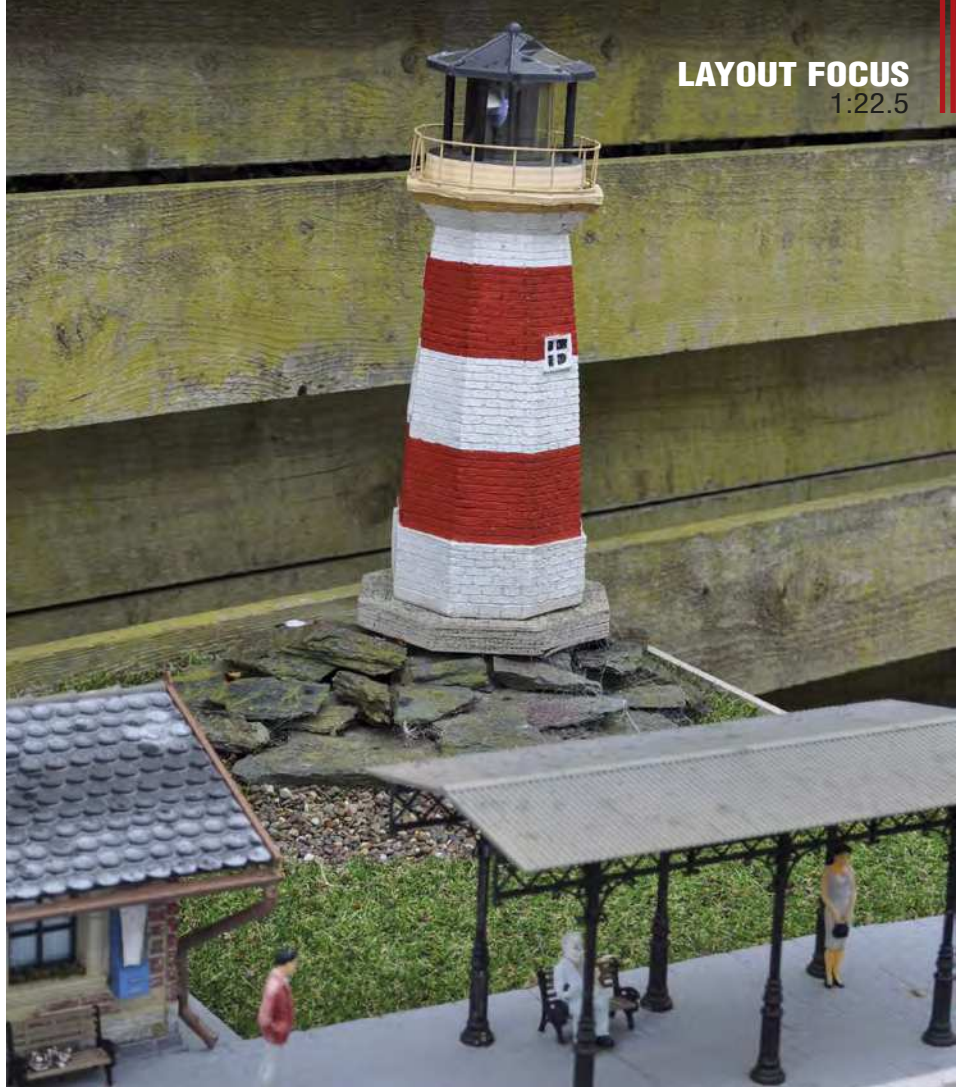
rivets is used to cross the drive. The purchase of a chop saw was invaluable when building this.

Although built for my own amusement, one day whilst the railway was in operation, a touring coach stopped outside and asked if the holiday makers on board could view the railway, this led to a collection being taken.

The interest shown encouraged me to open to the public and I have for the last four years opened on dry Saturday afternoons between 12 noon and 4pm with all monies raised being donated to the local children's hospice. To date £1425.00 has been donated.

If you are on the Isle of Man on a Saturday between the middle of May and the end of September 2020 please come and say hello and take a look at The Lighthouse, Gorsebank and Bride Railway. Just head for the Point of Ayre Lighthouse and you will find me.

So that's my reason for building a Garden Railway, what's yours? ■



ANYTHING NARROW GAUGE

www.anythingnarrowgauge.co.uk • 01409 255510 / 07711 387621 • anythingnarrowgauge@googlemail.com

Shop: 6 Bank House, Chapel Street, Holsworthy, Devon EX22 6AR (10:00 to 16:00 Tuesday to Saturday)

Roundhouse

All Locomotives in stock
FREE UK DELIVERY

David Lloyd George R/C: Crimson Lake ... £4100*

HBKD2 0-4-0: Diesel Chassis kit ... £143*

HBKD3 0-6-0: Diesel Chassis kit ... £163*

Hercules R/C: Victorian Maroon ... £560*

Darjeeling B Class R/C: Blue ... £2180*

Jennie 32mm: Maroon, Green, Black ... £799*

Bulldog R/C: Black, Deep Brunswick Green ... £647*

Billy R/C: Deep Brunswick Green ... £1615*

Lilla R/C: Black ... £1835*



IN STOCK

Peco SM32, G45 & G1 Track

NEW SM32 Buffer stop kit £5.00*

SM32 SL600 12 x flexi track ... £109.50*

SM32 ST605 30" radius curves ... £48.94*

SM32 ST607 38" radius curves ... £48.94*

SM32 60" rad points L,R,Y £47.50*

SM32 38" rad points L&R £46.70*

G-45 SL900 6 x flexible track ... £83.00*

G-45 48" radius points L&R £59.50*

Stockists of Sunset Valley
Railroad Pneumatics
and The Train Department
TTD Upgrade Valves &
WeeBee Safety Valves



NOW IN STOCK

WANTED

GARDEN RAILWAY LOCOMOTIVES AND COMPLETE COLLECTIONS

WILL PICK UP OR ARRANGE COLLECTION
BEST PRICES PAID - SPEAK TO SIMON

QUALITY WOODEN LOCOMOTIVE STORAGE BOXES

- Fitted with interchangeable locating rail
- Includes fire retardant protection foam

LOCOMOTIVE SERVICING BOX also available

FREE UK DELIVERY on all new locos

*PRICES MAY VARY

• PLEASE CHECK OUR WEBSITE FOR FULL STOCK AND THE LATEST SECONDHAND LIST •



SELL YOUR SECONDHAND LOCOS & ROLLING STOCK FOR CASH

• Trade in with Hatton's for immediate payment on the day that we receive your goods!* •

Get cash for your items in just four easy steps...



“An excellent service everytime without fault. I honestly cannot think of anything which could be improved.”

Mr A Manning, Ipswich

“Excellent service, fair offer. I will not hesitate to use their service again and recommend it. Thank you.”

Mr P Shaddock, Portsmouth

“Very simple to trade-in. Beforehand I had thoughts of problems with couriers and the like, but all very easy.”

Mr D Spottiswoode, Kilmarnock

ALL brands purchased including:



Sell yours today at www.hattons.co.uk/preowned

Call us on 0151 305 1755 or email preowned@hattons.co.uk

17 Montague Road, Widnes WA8 8FZ

Phone opening times: Mon to Sun 9am-5pm.

*Same day payments apply for collections received Monday to Friday before 2pm. Any collections received after 2pm will be paid on the next working day. Please note: In the unlikely event that we revise our offer price for your collection, you will be paid after responding to our offer.

For full Terms and Conditions, visit hattons.co.uk/preownedterms



LNER Class A3 & A4 4-6-2s



Features

- 5-pole motor
- Digital ready - ESU L socket
- All-wheel pick-up
- Screw-link couplings
- Full Cab detail
- Compensated centre axle
- Un-numbered versions available

LNER Class A3 4-6-2

Unstreamlined corridor tender

- H7-A3-001 2750 'Papyrus' in LNER Grass green
H7-A3-002 4472 'Flying Scotsman' in LNER Grass green
H7-A3-007 60103 'Flying Scotsman' in BR green with late crest **BACK IN STOCK JUNE 2020**

Unstreamlined non-corridor tender

- H7-A3-003 2745 'Captain Cuttle' in LNER black
H7-A3-004 60072 'Sunstar' in BR Express blue
H7-A3-005 60035 'Windsor Lad' in BR green with early crest
H7-A3-006 60077 'The White Knight' in BR green with late crest



IN STOCK NOW
Digital Ready: £750

LNER Class A4 4-6-2

Unstreamlined corridor tender

- H7-A4-004 4489 'Dominion of Canada' in LNER garter blue
H7-A4-006 60007 'Sir Nigel Gresley' in BR express blue
H7-A4-008 60009 'Union of South Africa' in BR green with late crest

Streamlined non-corridor tender

- H7-A4-002 4468 'Mallard' in LNER garter blue
H7-A4-003 4468 'Mallard' in LNER garter blue
H7-A4-009 60008 'Dwight D Eisenhower' in BR green with late crest

Streamlined corridor tender

- H7-A4-001 2509 'Silverlink' in LNER silver
H7-A4-005 4464 'Bittern' in LNER garter blue
H7-A4-007 60012 'Commonwealth of Australia' in BR green with early crest



Due in stock: June 2020
Digital Ready: £750

Order yours online at:
www.hattons.co.uk/recordbreakers

KENT GARDEN RAILWAYS

Check out the extensive listings of "in stock" items and special offers in our online shop



ACCRAFT

Available from stock



1:19 Talgarth 0-4-0T
Black, green or maroon £1050.00



1:19 Sabrina 0-4-0ST Black, green or maroon £1050.00
Featuring simplified Walschaerts valve gear and slide valve cylinders, gauge adjustable. An ideal starter loco



1:19 'DOLGOCH' Talyllyn 0-4-0T TR green, 'Atlas Foundry' green or Crimson Lake. 32mm or 45mm (not re-gaugeable) LAST FEW £1550.00 Indian Red version now available at £1595.00.



Kerr Stuart 'Wren' 0-4-0T 1:13.7 Scale (7/8th) in black, blue, green, grey and red £1650.00



E19-1Y Baguley Drewery 0-6-0 Two rail electric - red, black, blue, or yellow Diesel £350.00
Powered chassis £250.00



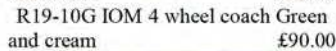
R19-26 Isle of Man Pairs style Half Brake £175.00



R19-17 Isle of Man Pairs Composite - still available £150.00



R19-10 IOM 4 wheel coach Maroon and cream £90.00



R19-10G IOM 4 wheel coach Green and cream £90.00



Isle of Man G Van, with or without vents (portholes). Light grey with various numbers or data only £80.00



W&L Guards Van - W&L 1 or 2, data light grey or data dark grey £75.00

R19-24 IoM 'E' Van - Maroon and Cream or Green and cream £90.00



R19-19 - L&B 3rd Class coach in Southern Green £150.00

R19-20 - L&B 3rd Class Centre Observation SR Green £150.00

R19-21 - L&B Composite in Southern Green £150.00



SR Howard Van £100.00
SR brown, 4 numbers or L&B grey data only

Pre order items



1:32 SCALE ADAMS RADIAL TANK 4-4-2T
The model is 1:32 scale for 45mm gauge track, gas-fired with a single

flue boiler. The East Kent Railway version is only available from Kent Garden Railways. The anticipated UK RRP will be £1950.00 or £1995.00 for the RTR version (depending on livery), £1795.00 or £1850.00 in kit form.



1:19 'TALYLLYN' TR 0-4-2ST
To be available in TR Green, Indian Red or Black and either 32mm OR 45mm gauge. £1650 with an anticipated delivery in early 2020.



1:19 Large Quarry Hunslet
To be available in Red, Black, Penrhyn lined black and blue. Anticipated delivery Q3 2020 and price £1595.00



1:19 'LAWLEY' Beira & SAR Falcon NG6 4-4-0

The museum quality model will be internally gas fired and is gauge adjustable for either 32mm ('0' gauge) or 45mm ('1' gauge) - all the parts for this are supplied with the model. Liveries planned are Beira Railway Green, SAR green or SAR black. Estimated price £2950.00 with delivery in 2020.



1:20.3 'KATHLEEN' & 'LADY EDITH' Cavan & Leitrim 4-4-0T
The model is internally gas fired and has piston valve cylinders. The estimated price is £1950.00 with delivery in 2020



LGB



22062 RhB Class Ge 6/6 II Electric Locomotive mfx/DCC Sound £1357.00



24141 Field Railroad Locomotive KJF £293.00



23530 RhB G 4/5 Steam Locomotive £1822.00



27631 Coca-Cola® Diesel £391.00



43359 Coca-Cola® Van £147.00



33521 RhB type As parlor car, 1161 - £333.00



49181 Set of two HSB type Rf4 Roller Cars £333.00

PIKO



37230 DR BR95 Steam Loco £725.00



37543 HSB Harzkamel £375.00



37575 BR118 Diesel £395.00



37582 DR BR131 Diesel £411.00



In stock items



Bulldog - 16mm battery loco with radio Control £634.00



Merseysider- Maroon with red buffer beams - sound and r/c £875.00



Darjeeling NDM-6 - Darj blue with sound £1355.00



Little John - radio control - Yellow with striped buffer beam £602.00

Kent Garden Railways, 66 High Street, St Mary Cray, Orpington, Kent BR5 3NH

Telephone 01689 891668

Shop open Tuesday to Saturday 09:00 to 17:00

www.kgrmodels.com

Starter Sets



PK37154 Circus Roncalli Battery RC Starter Set

Locomotives



PK37242 DB BR050 Steam Locomotive IV
PK37243 DCC-Sound Version



PK37429 Flixbahn BR181 Taurus Electric Locomotive VI



PK37436 DB E94 Crocodile Electric Locomotive III



PK37441 DB BR103 Electric Locomotive IV



PK37510 DB BR218 Diesel Locomotive IV



PK37568 DR BR110 Diesel Locomotive IV



PK37591 DR B106 Diesel Locomotive IV
PK37591 DCC-Sound Version



PK38208 AT&SF Mini Mogul Steam Locomotive 723



PK99720 2020 G New Items Leaflet FREE
PK99700 2020 G Scale Catalogue £3.95

Coaches



PK37662 DB BPMZ 2nd Express Coach IV



PK37663 DB BPMZ 1st Express Coach IV



PK37664 Flixbahn Passenger Coach VI



PK37680 DR Reko Bage 3 Axle Coach IV



PK37681 DR Reko Bagtre 3 Axle Coach IV



PK37682 DR Reko Baage Coach IV



PK37682 DR Reko 3 Axle Baggage Coach



PK38650 NYC Wooden Coach 286



PK38651 NYC Wooden Coach 287



PK38652 NYC Wooden Combine 215

Wagons



PK37745 DR EAOS Gondola IV



PK37747 DB Bogie Flat Wagon w/20' Container IV



PK37752 DR Bogie Flat Wagon w/2 x20' Deutrans Container Load IV



PK37764 DR Res-X Bogie Stake Wagon IV



PK37795 DR Cement Silo Wagon IV



PK37926 DR 2nd Class Coach III



PK37957 DB Open Wagon III



PK37958 DR Flat Wagon IV



PK37959 DR Club Cola Box Van IV



PK38767 Texaco Bogie Tank Wagon 1971



PK38768 Christmas Flat Wagon with Pick-Up Load



PK38769 UP Bogie Flat Wagon w/Chevy Nomad Load



PK38770 PRR Bogie Stake Wagon Set (2)



PK38771 D&RGW Bogie Stake Wagon Set (2)



PK38900 CSX Rib Sided Hopper w/Coal Load



PK38902 Vintage Warbirds P51 Hopper Wagon



PK38904 Christmas Box Wagon 2020



PK38906 PRR Wooden Caboose 461221



PK38907 D&RGW Wooden Caboose 0501



PK38910 Vintage Warbirds P-38 Hopper Wagon

Backer & Rueb steam tram No. 16



Henri Kroeze enjoys little bit of LGB bashing with his radical conversion of a Stainz locomotive.

ROTTERDAMSE TRAMWEG MAATSCHAPPIJ

It was in the last quarter of the 19th century that local tram lines were started all over Europe. In the Netherlands, many local tramlines were started (it is said be around 150) and in the years that followed.

In Rotterdam the Rotterdamse Tramweg Maatschappij (in short, RTM) was founded in 1878. The headquarters were located in the Rozenstraat and their lines directed to the south/south west, to the Zuid Hollandse eilanden and Zeeland. These isles were at that time very isolated from the main land, only accessible by ferries and boats.

The construction of the Barendrechtse brug at the end of the 19th century was one of the first permanent connections between the isle Hoeksche Waard and

Rotterdam. Of course the RTM insisted to have a tram line across that bridge.

For the economical development of the isles the RTM played a main role, not only by tram, but also by the exploration of ferries, buses and even trucks. People and goods could travel much easier and faster to the metropole Rotterdam. Both people and goods were transported, where a large part was taken by sugar beet transportation to the various sugar factories.

The big flood of February 1953 changed things for RTM forever. First, all the infrastructure was heavily damaged, soils were weakened by the months being under water. Repaired lines became unreliable because of frequent derailments. But the biggest thread to the RTM were the Delta Werken, where all isles were connected

to each other by dykes, so people could now travel by road to wherever they liked. The need for the RTM services vanished.

BACKER & RUEB

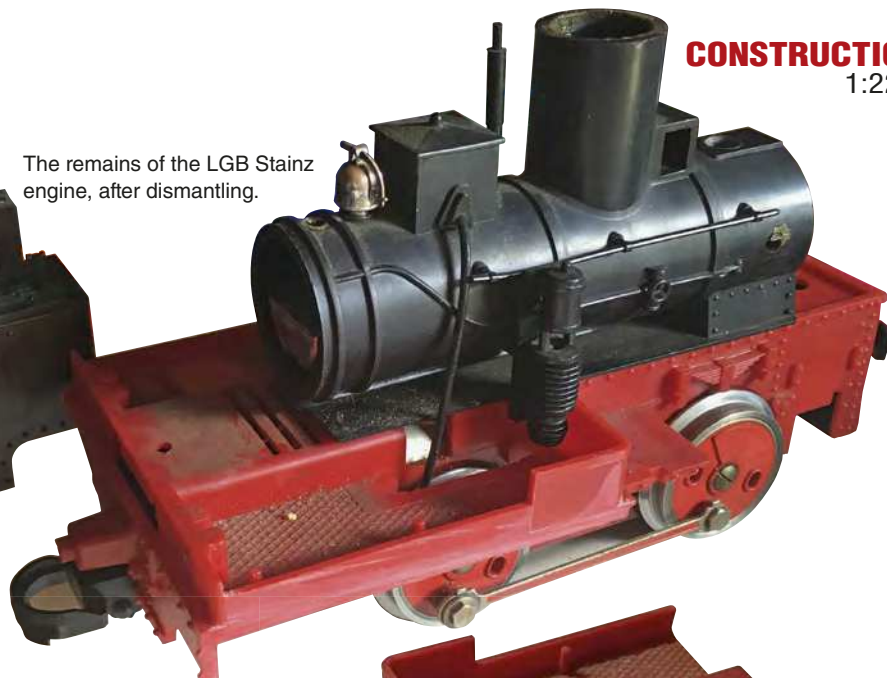
One of the first engines bought by the RTM was made by Backer & Rueb, a Dutch manufacturer of steam engines, located in Breda. The first batch, 21 in total, arrived in 1898.

Werkspoor in Amsterdam built almost the same type of engine in a batch of five.

Engine no. 16 was build in 1899 and scrapped in 1949. None of these 'square' engines survived, although the RTM Museum in Ouddorp, the Netherlands, is building a working replica of engine no. 37, a former Werkspoor engine. This museum, by the way, is worth a visit as a



The remains of the LGB Stainz engine, after dismantling.



lot of original RTM trams are preserved there and in running condition!

NO. 16

So how to make my own Backer & Rueb?

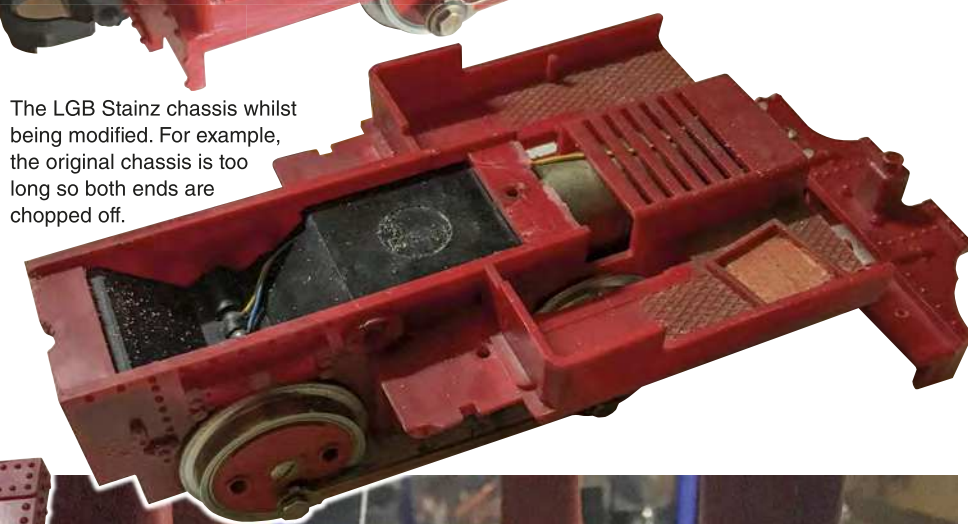
Luckily there are literally thousands of pictures available online made during the heyday of the RTM, so there is enough photographic material to start one's research. I was looking for side and front profile photos, when someone on a forum offered me a copy of the original drawings. What a pleasure it is to work with original blueprints. A computer was used to print a set in 1:22.5 scale. I figured it could only be an easy build, being an almost square body.

For motorisation a very old and incomplete LGB Stainz was used. The Stainz has the right size wheels and 75mm wheelbase. The model was completely dismantled and the chassis shortened to fit.

While working on the chassis it's a good idea to dismantle the gears and give them a good cleaning. Take note of what goes where, as there is one tiny ring that must be used in combination with the crown gear next to the motor. If this ring isn't there, the old drive train will live up to its name of 'Heuler' (howler) by making a lot of gear noise. The little ring does prevent a few decibels. Don't ask how I know...

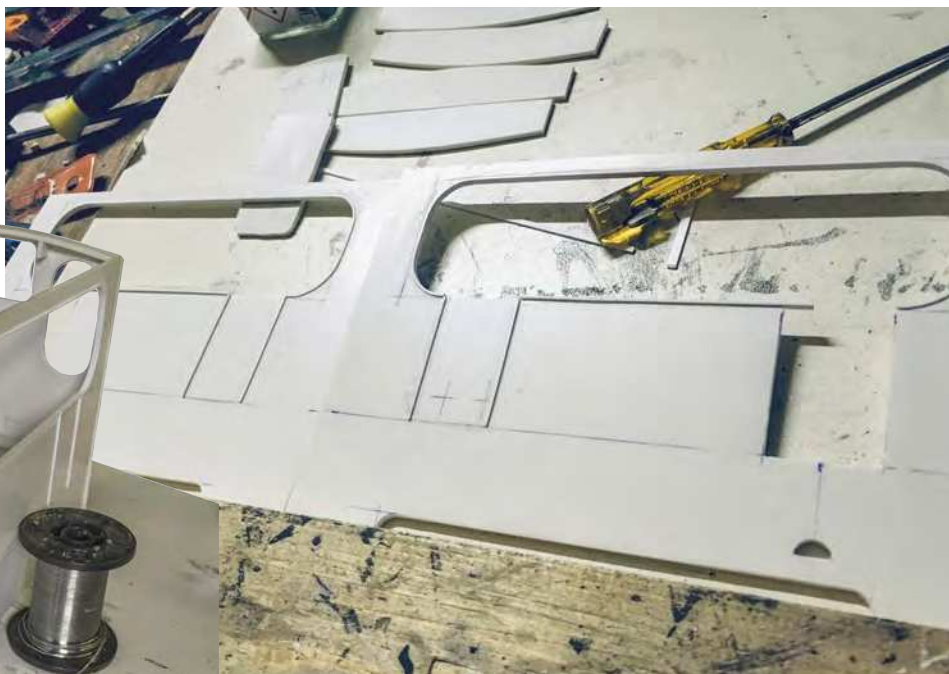
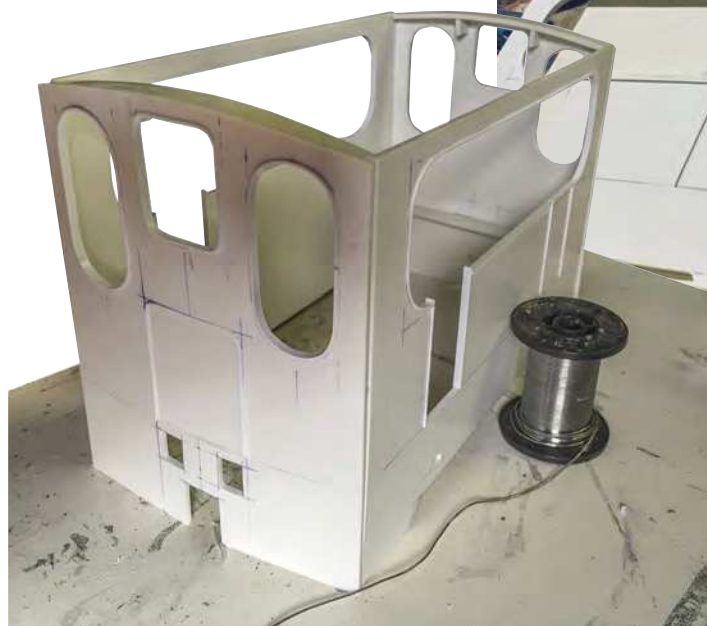
The chassis of the Stains was cleaned of all parts bolted or moulded to it. The Stainz boiler is perfect in size to be reused on the Backer & Rueb, and so is the chimney so if you source a Stainz as donor, try to get one with a straight chimney.

The LGB Stainz chassis whilst being modified. For example, the original chassis is too long so both ends are chopped off.



Curving the front and rear of the cab. After 48 hours of pressure, the Plastikard remained the desired curve.

Shaping the sides out of 2mm styrene and adding body lines by using 2.5mm Evergreen styrene strips.



PLASITKARD

Almost the whole tram is made of Plastikard (styrene). For the main parts I used 2mm to ensure sturdiness when the model is picked up. The drawings were of great use to get all parts in the correct size and all openings at the correct locations.

The front and rear are curved which made this build a little bit more complex. How to remain the curve after removing pressure on the 2mm styrene?

Above: Although using the original blueprints, it is important to check the overall look many times.

Right: The body parts glued together. Working on a level and square surface ensures a straight build. Inside the reinforcement ribs are visible.



Chassis, body and boiler. The three main parts.



Inside of the roof. The construction with styrene strips on curved ribs is visible. The rectangle fits perfectly in the top opening of the body.



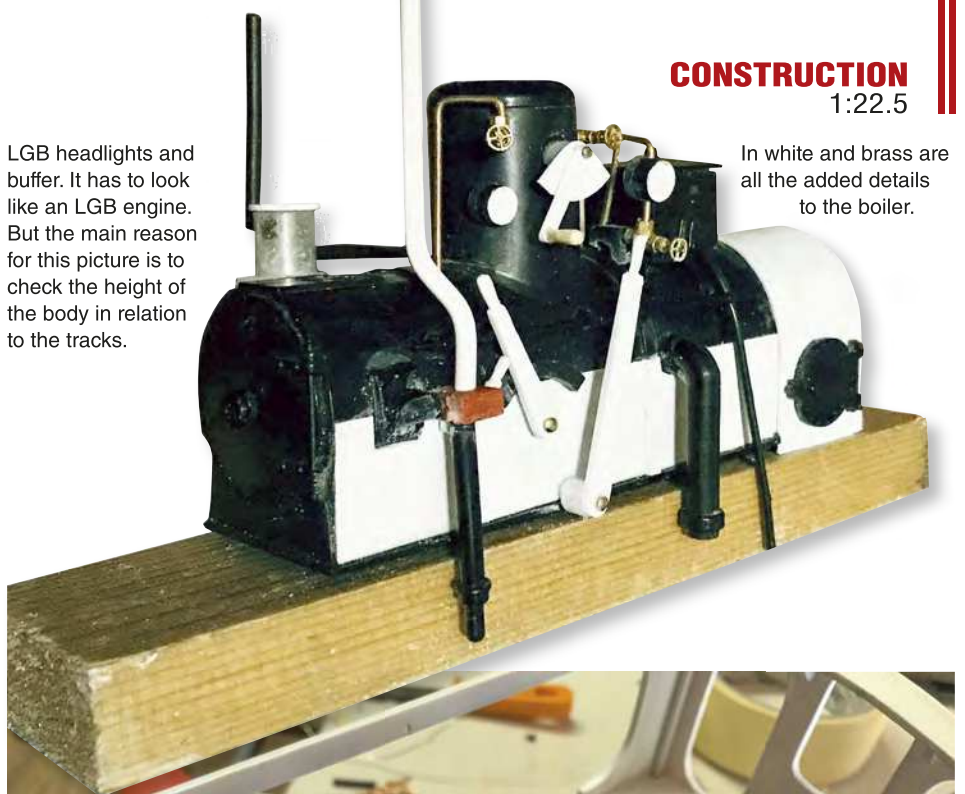
LGB headlights and buffer. It has to look like an LGB engine. But the main reason for this picture is to check the height of the body in relation to the tracks.

I solved this by adding ribs on strategic, invisible locations.

Another challenge was to model the characteristic body lines. Around the window openings, around the engine itself at footplate height and alongside the skirts. Evergreen styrene strips were used to create these body lines. By gluing a 2.5mm wide strip at right angles to the 2mm body results in a 0.5 mm line, which is perfect. The strips are square but I did nothing to round them off hoping the paint would hide this.

With the outside looking like No.16, the next challenge was how to mount it on the LGB chassis. For this, the ribs retaining the curve of the front and rear fascia were used. These were glued at the exact height so the body rests at the perfect level on the chassis. A little tweaking was done by adding a thin layer of sheet upon the ends of the chassis to get the absolute perfect ride height. As this is quite difficult to measure, most of it is done by eye. After a few tries it looks just perfect.

The roof is made of styrene strips glued to ribs with the correct curve. Onto these strips a 1mm sheet is glued. The roof has



In white and brass are all the added details to the boiler.



Test fitting, to make sure everything will fit together during assembly.

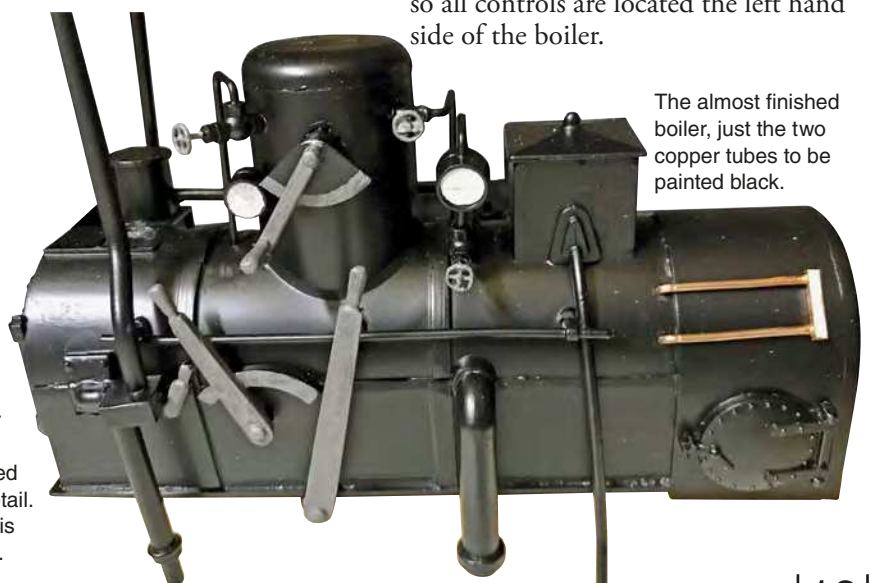
a supporting frame underneath that fits perfectly, with some slight force, into the opening of the tram. It is held in place by a few dabs of 'Krystal Klear' and of course by the chimney.

BOILER

The boiler of a square tram differs on some points from a normal steam engine boiler. The RTM insisted this engine could be operated by one man, so all controls are located the left hand side of the boiler.



The buffer beams get more crowded with added detail. The rear light is still unpainted.



The almost finished boiler, just the two copper tubes to be painted black.

Yes, errors are made as well! One of the 'jack triangles' was put into the wrong position and had therefore to be repositioned.



As the large openings in the body on both sides give full view of the interior, the boiler deserves to be neatly decorated with controls. Again our photo archive is of use just to realise there are only a handful of photo's revealing these details. With two manufacturers and different batches of engines produced, it is quite a challenge to build it exactly right. So at this point I use whatever I can discover on the photo's and I feel to be able to replicate in scale 1:22.5.

The material used is of course Plastikard. Some brass parts were a gift from a friendly co-builder in 1:22.5, and lots of piping, mostly electrical 1.5mm wire and 3mm plastic tube which were left overs in some old curtains. Fun fact, part of a syringe is used as well, as are some bits of old ballpoints. After painting the boiler satin black and giving 'iron' looks to some controls, it is fun to look at.

THE TINY BITS

With the boiler ready, the focus was again moved to the outside. Studying

One of the several coats of primer. It shows all the tiny defects in the body that were sanded down or filled.



old photos, I worked out what parts were still missing.

It was surprising to discover that, although the outside is pretty clean, the buffer beams are filled with tiny parts. There are of course the buffers itself, which I re-used from the old Stains, chains, hooks, jack triangles and hoses.

The hoses are electrical wire isolation. The metal tubes are 1.5mm copper wire. Jack triangles are 1mm plastic sheet, chains were sourced at a model ship supplier and the hooks were, after a long search, found in England.

The main running lights are old LGB lanterns, which I really like. It gives the tram an LGB feel, a look I wanted to achieve. The tiny lamps were scratchbuilt and are non-working.

PAINTWORK

The engine is painted in four colours. The inside is half satin black and half cream-white, the outside is green-black

(RAL 6012) and the roof is grey-blue (RAL 7031). Since none of these engines survived and there are no colour photos, we can only guess the right colour.

Someone at the RTM Museum looked up the colour for me and RAL 6012 is the closest we can get. The tram is finished with the custom etched parts. Made by the Tramfabriek, they are the masters in creating these small parts.

To top it off brickets, the fuel on which these engines ran, were added. These are 'real' bricks intended to build tiny houses, painted flat black. ■

Garden Rail Resource

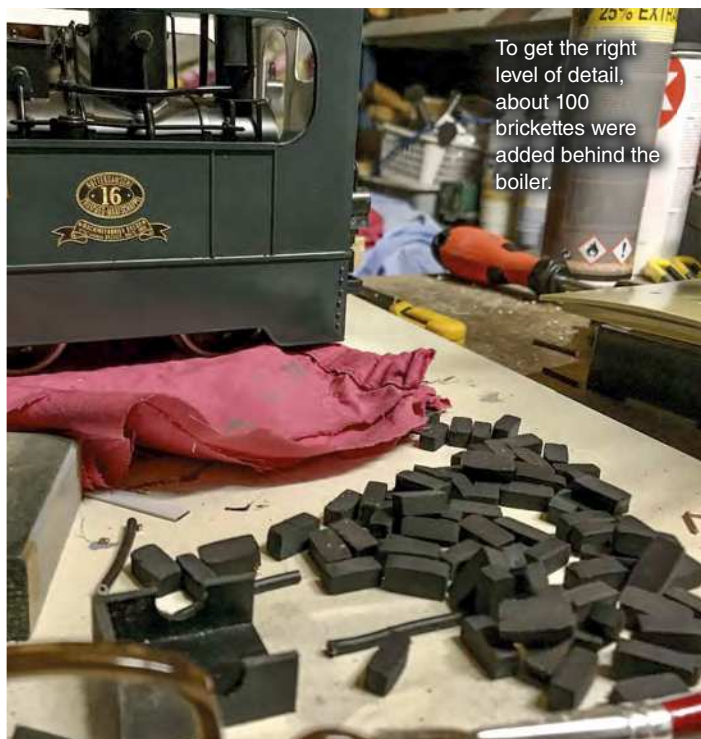
Tramfabriek

www.tramfabriek.nl

Please mention Garden Rail when contacting suppliers.



Putting on bits and pieces. Almost all parts are added except for the roof.



To get the right level of detail, about 100 brickettes were added behind the boiler.

GARDEN Rail

SUBSCRIBE
FOR JUST
£39.99
A YEAR!

Download
today at
[www.warners.gr/
gardenraildigital](http://www.warners.gr/gardenraildigital)

Your favourite montly magazine for outdoor scales is available as a digital edition, bringing with it a mass of benefits!

- Save money on the cover price
- Your magazine delivered to your device each month
- On-sale a week before the print edition
- You'll never miss an issue!





The problem with People

Dave Skertchly foolishly decided to populate his railway, but had no idea of the dire consequences that awaited him.

There was a time when the Vale of Weedol Tramway was tranquil and relaxing sort of place. I was in control, and any decisions I made were never questioned. I was king in my own domain. I don't quite recall when it was that I decided that something was missing, and that something was people.

There was a visual hole where drivers drive the engines, where passengers enjoy the scenery and punters wait patiently on the platform for the next service. Just a few people on my layout,

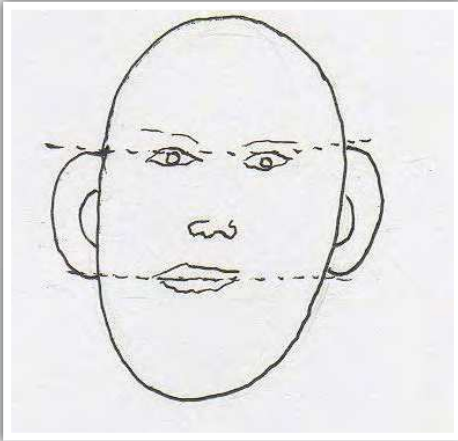
I thought, would add interest. Now, some seventy odd people later, they have become an essential, if tiresome part of every project, worse still they have started to take over.

There are of course amazing figures which can be bought and it is one of my pleasures to prowl around the Peterborough show admiring them, looking for the latest quirky ideas, but for how it was that I got into making my own figures, it is best, as they say, to start at the beginning:

I am not an artist, but in retirement, I want to enjoy this aspect of life which had been denied to me during years of pointless toil spent earning my living.

There was frankly no chance of me making a passable figure from scratch so I cheated.

I first examined Leonardo da Vinci's medieval drawings of figures, but eventually my wife Pauline took orthogonal photographs of me. I enlarged the pictures to 92mm high matching my modest 5ft 9" height,



traced around the outline, and finally cut formers from Plastikard.

I then filled between the formers using car body filler and carved the shape to match the formers. I did my best to carve a face using simple advice given to me by my Auntie Betty in the sketch above.

This completed figure was used as a blank which I used to make a silicone rubber mould from which I could make any number of people. My early moulds were made from silicone sealant but discovered that over 10 years the moulds shrink, quite a lot as it happens. My favourite mould making compound nowadays is Polycraft GP-3481-F a soft pink silicone rubber from MB composites.

I decided to make a blank rather than a completed figure since every person on Vale of Weedol Tramway, just as in real life, would be different. Each copy blank is moulded from car body filler, or more recently from polyurethane resin, in 2 halves and stuck together with cyanoacrylate adhesive. The blank ensures that I get the basic dimensions right and if necessary it can be cut up and assembled in any pose while still retaining the correct proportions. From then on my imagination takes off.

Initially I added clothes and uniforms from shapes carefully cut from my favourite cereal packets and back filled with car body filler, but I soon discovered that this amount of detail is unnecessary, a collar and lapels being the most useful addition.

Most figures are seen from a distance or hidden in carriages, so simply painting the clothes and outlining the seams with a marker pen is quite sufficient. Detailed figures are produced only where the detail can be seen and enjoyed.

One thing is certain and that is the importance of hats. In the 1960s some

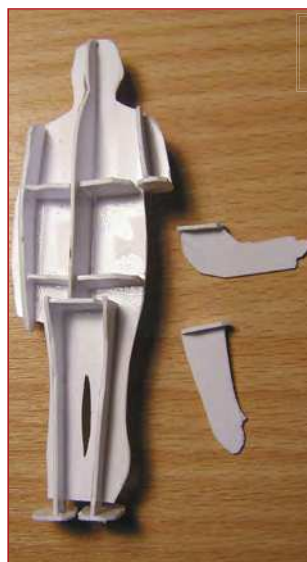
5 STEPS TO THE PERFECT FIGURE



STEP 1: Dave posed for photographs from all angles.



STEP 2: The photos are stuck to Plastikard and cut out.



STEP 3: Using the side views, the generous proportions of the figure are added.



STEP 4: Car body filler is boded on to fill the gaps.

STEP 5: The blank is sanded smooth ready to make a mould.



The mould tools are made from silicone rubber.



The ticket collector can be seen on the open platform of a coach so has been relatively well detailed using cereal packet cardboard.



of us may remember the Dunn and Company catch phrase "if you want to get ahead get a hat".

The hat may no longer be fashionable apparel but stereotypes remain. Top hats define toffs, flat caps define the working classes and bowler hats the middle classes, from foreman to bank manager.

For that matter Frenchmen wear berets, Germans wear Pickelhaubers, Americans wear ten gallon hats and Italians wear trilbies. The class and nationality of my figures can thus be determined from yards away. A hat can be easily made from a roughly shaped lump of resin cast in a cavity in a piece of Plasticine.

I soon discovered that most figures are not standing but sitting, either in carriages or on bench seats provided by me. To make a seated moulding blank I took a copy of the original figure which was cut up and finished to shape. To my horror I discovered that it could not be moulded in one piece, so it was cut up along split lines and a kit of parts moulded which are then stuck together with super glue before filling and finishing.

I made two torsos, the first looking straight ahead and the second looking left which is suitable for the driver of a small diesel or for a passenger gazing out of the window. As you can see, I cut and shape arm positions which often indicates mood.

Alas I was inevitably accused of sexism, the ladies it was said were

under-represented on the Vale of Weedol Tramway and this had to be put right. There a couple of significant differences between men and women, as you may have noticed, and these are faithfully modelled.

My first female figure was Gladwys

Topnote, a rather pleasant but naive enthusiast for her beloved Vale of Weedol, she is the Choir mistress and Chairman of the Vale of Weedol Appreciation Society, she is the boss. She is dressed in Welsh National costume in the style of Bessie Jones, famous station mistress at Tan-y-Bwlch and is always accompanied by the station master staff Sergeant (retd) Bates.

Gladwy's Granddaughter Chantelle is another kettle of fish however, she wants to become a Bollywood film star but her virtue is jealously guarded by Auntie Nasty in a sombre grey dress, who is there to prevent the lecherous Shaun the Lad from getting his wicked way.

Somehow King Edward VII and Alice Keppel have appeared on the station, it seems they may have been travelling around Wales incognito and have missed their connection, they may indeed have a long wait.

Some characters appear only in my minds eye or in cartoons such Russian tram driver hero mother and former tank driver Tatyana Shuvalotin, who was renowned for increasing the load factor of trams on the Gorbilmi Tramway during the rush hour.



Seated people cannot be moulded in one piece so a kit of parts is produced.



The hats make the man, and clearly denote the type of person, both figures are for carriage interiors so the detail is simply painted on.

The local drainage contractor (Drains unblocked while you wait) Hugh Pugh has recently signed contracts for one of the arches under the viaduct. Evan Elpas, preacher at Llatidos chapel, renowned for his sermons on the sin of lust, will soon be modelled.

For the most part the Vale of Weedol Tramway is populated by the usual idlers and ne're do wells who stand around hands in pockets whiling their life away carelessly smoking and chatting.

There are some surprising facts which have come to light. I had noticed that the model of me was a tight fit on the footplate of Victorian era narrow gauge locomotives. I mentioned this in passing to Pauline who was quick to point to certain lifestyle choices and in particular to those of beer and idleness.

I felt that she was mistaken and that there must be some underlying science to explain this strange effect. It was then that I came across an academic paper entitled "Long Run Trends in the Heights of European Men, 19th-



Starting with scruffy looking blanks can be discouraging but every project requires passengers and drivers, these are the figures required for the railbus.



Gladwys Topnote is dressed in Welsh National Costume as was Bessie Jones on the ffestiniogg at Tan-y Bwlch, accompaied as ever by the loyal by staffsergeant Bates in his Victorian Station Masters uniform.

20th Centuries". The authors Timothy J. Hatton and Bernice E. Bray had analysed the heights of men for the period from 1856 to 1980. The height of British men has increased from 166.25cm to 176.83cm. This is a height change of 10cm (4inches in old money) and at 16mm to the ft this is some 5mm.

I decided to make master mould blanks of the two, and the difference is quite substantial, and certainly noticeable, so I will in future choose my people to match the era being modelled.

As I sit on my rustic park bench outside the Sheep Shearers Arms I can see the little people of the Vale of Weedol and in my mind they all have characters and a story to tell. I consider my duty of care to provide for their well being. Is it my imagination or are they exploiting my generosity or plotting a coup, is this the early stages of paranoia? or the ill effect of too many pints of fine Auld Phagbutt, I guess I will need to try another pint to find out, cheers. ■

Shepherd Edwin Jones and his flock of Jacob's sheep, you can tell they are Jacob's sheep because they have black noses.



Some of Dave's people live in cartoons on his facebook page, here inspired by Jym Leddy's Soviet era tram Dave made up a story about Tatyana Shuvalotin the Russian Hero Mother, former tank driver and now tram driver on the Gorblimi Tramway.



Chantelle Topnote is a bit of a madam, her virtue is protected by the dour Auntie Nasty from Shaun the lad, loo cleaner at Llatireggub and not much of a prospect.





*It's always
nice to see
an old
friend.*

Arriving late 2020.
TALIESIN returns to the
Roundhouse range.

An old favourite but completely updated
this much sought-after model will begin
production in October - orders taken now.

Roundhouse Eng Co Ltd.
Unit 6-10 Churchill Business Park, Churchill Rd,
Wheatley, Doncaster, South Yorks, DN1 2TF
01302 328035
mail@roundhouse-eng.com
www.roundhouse-eng.com

ROUNDHOUSE

ALL ABOARD - For Model Train Sales

Friday 24th April & Friday 29th May 2020

Thornaby Auction Rooms at 10.30am

A good selection of G Gauge in all sales

Our next Model Train sale will be held on Friday 24th April 2020 and then we hold one every month of the year featuring over 600 lots. During 2019 we had a good selection of G Gauge and Large locomotives, Rolling Stock and Accessories. We are always looking for similar items for our Model Train sales.

So whether you have Gauge Z or 5" Gauge, or anywhere in between, whether it's single items to a whole collection for our specialist train sales, if you are thinking of selling why not get in touch with our friendly team and we will be happy to talk to you about putting them into auction.

Contact: Michael Bond
on **01642 750616**
email: michael.bond@vectis.co.uk

Mike Delaney
on **01993 709424**
email: mike.delaney@vectis.co.uk



(Prices realised)



For more information regarding forthcoming sales visit our website
All Vectis sales are Room Auctions. Live internet bidding available at
www.vectis.co.uk & www.invaluable.com

Vectis Auctions
Fleck Way, Thornaby,
Stockton on Tees
TS17 9JZ

Oxford Office
Unit 5A, West End
Industrial Estate, Witney,
Oxon OX28 1UB

Vectis

Putting you on the right track



Engine Sheds



Signal Boxes



Tunnel Mouths



Viaducts & Bridges



Station Buildings & Infrastructure



- models made to any scale
- bespoke design and build service
- fully weather proof (not resin)

Brunel Models

334 Wellington Street, Long Eaton, Nottingham NG10 4JJ
Call us: 07802 409 757 or Email us: enquiries@brunelmodels.co.uk
www.brunelmodels.co.uk



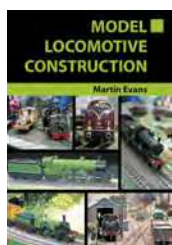
STOCKISTS OF A WIDE RANGE OF BOOKS FOR MODELLERS AND MODEL ENGINEERS

TOPIC OF THE MONTH

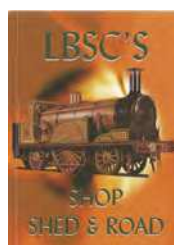
GARDEN RAILWAYS

RARE AND OUT OF PRINT BOOKS

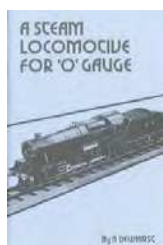
See our website for prices and our full range of books



Was £12.95
NOW £10.00



Was £15.95
NOW £12.00



Was £7.95
NOW £5.00



Offers valid until end of May 2020

OUR RANGE INCLUDES BOOKS ON THE FOLLOWING TOPICS:

- Aeromodelling and IC Engine Building
- Boilermaking, Soldering, Brazing and Welding
- Casting and Foundrywork for the Amateur
- Clock and Clockmaking
- Electrics - Motors and Projects for the Modeller
- Farm Tractors
- Garden Railways
- Gears and Screwcutting
- Hot Air Engines
- In Your Workshop
- Industrial Archeology
- Lathes and Other Machine Tools
- Marine Modelling and Steamboating
- Model Steam Locomotives
- Painting and Finishing Your Model
- Stationary Steam Engines
- Steam Road Vehicles and Traction Engines
- Woodworking and Woodturning

SEE ALL BOOKS ON OFFER AND ORDER NOW

W: www.teepublishing.co.uk T: 01926 614101 E: info@teepublishing.co.uk

Follow us for the latest news

[@TEEBookshop](https://twitter.com/TEEBookshop) [f](https://www.facebook.com/TEEPublishingLtd) TEE Publishing Ltd



RAILS OF SHEFFIELD

railsofsheffield.com

Corporate members of



WANTED

CASH OR EXCHANGE

WE WANT **ANYTHING** MODEL RAILWAY RELATED,
ANY AGE, ANY GAUGE, FROM A SINGLE ITEM TO A
LIFETIME COLLECTION. DISTANCE NO OBJECT.
PLEASE TELEPHONE, OR EMAIL YOUR LISTS TO
SECONDHAND@RAILSOF SHEFFIELD.COM

BUY · SELL · EXCHANGE · ANY GAUGE · ANY AGE

RAILS OF SHEFFIELD VALUE YOUR SECOND HAND COLLECTION VERY HIGHLY

LOCOS - COACHES - WAGONS - TRACK-WORK - CONTROLLERS - ACCESSORIES
DIE-CAST - LORRIES - BUSES - PLANES - SOLDIERS - RAILWAYANA - AND MORE

FULL COLLECTIONS PURCHASED / UK & WORLDWIDE COLLECTION AVAILABLE

**TOP
GUARANTEED
PRICES
PAID**

*We urgently require collections of any size,
featuring products from the following manufacturers:*

**FAMILY
BUSINESS
FRIENDLY
SERVICE**



WE ALSO BUY RAILWAYANA

SIGNAGE AND TOTEMS

AND MORE...

Telephone our Second Hand team on: (0114) 255 1436 or email: secondhand@railsofsheffield.com

21-29 Chesterfield Road - Sheffield - South Yorkshire - S8 0RL - UK - Tel: (0114) 255 1436 - Fax: (0114) 255 5982

Email: info@railsofsheffield.com

Web: railsofsheffield.com

[railsofsheffield](https://www.youtube.com/railsofsheffield)

[railsofsheffield](https://www.facebook.com/railsofsheffield)

[railssheffield](https://www.instagram.com/railssheffield)

[railsofsheffield](https://www.pinterest.com/railsofsheffield)



Down, down, deeper and down

Mark Thatcher builds a rake of 16mm Ffestiniog quarrymen's coach kits from Wood Valley Works

I very much enjoyed building and reviewing the diverse range of Wood Valley Works (WVW) six assorted freelance wagon kits in **Garden Rail 306** and it would appear that WVW enjoyed the article too, as shortly after publication of that article, a box of four different quarrymen's coach kits arrived on my doorstep. They looked rather inviting too! In a similar vein to the previous article about this manufacturer, I am not going to attempt to shoe-horn build notes about all four, as much of the assembly is common to these kits across the range.

To hand I had the open-topped quarryman's coach 1A, and this looked like the easiest to build. Also there was the enclosed roof type 2A. But I opted to build what I considered to be the two most complex kits, the enclosed types 1B and 2B, on the basis that if you would be comfortable constructing these, then the other two kits would be a cinch.

Quarrymen's coaches were the earliest passenger vehicles on the Ffestiniog Railway, and were built on site at Boston Lodge from 1867. Prior to these,

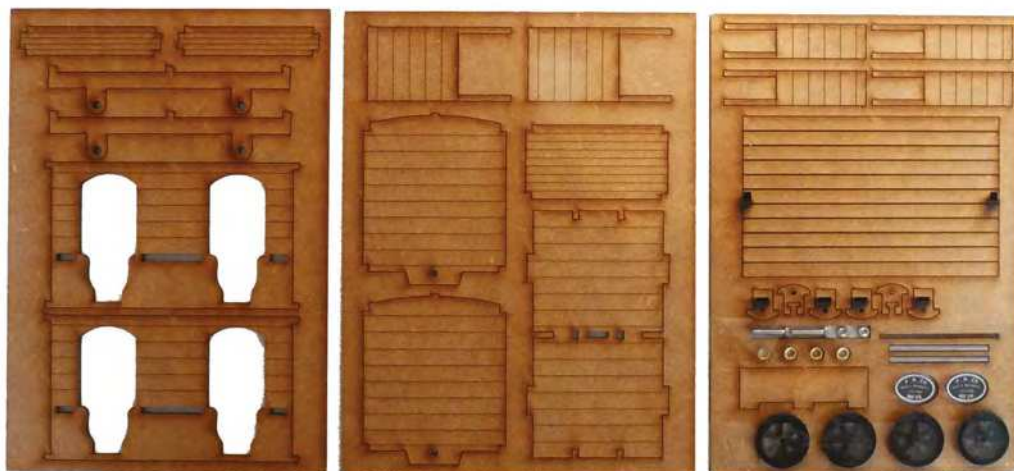
the workers used to hop a lift atop slate wagons and this was not an approved practice. Captain Tyler, Inspecting Officer for Railways, refused to put his men at risk, hence 32 open-topped type 1As appearing in 1871.

Very soon, a 'promotion of health' report by the Merionethshire Slate Mines inferred that these open coaches were not suitable to carry workers, often riding in wet clothes, hence the type 1A

getting a roof and becoming a partially weatherproof type 1B in 1873, albeit with no doors!

Type 2As followed in 1876, but still with no doors. Amazingly 16 workers could be shoe-horned into these dog kennels on wheels and earned these coaches the nickname 'zip fasteners' as the passengers had to interlock their knees in order to squeeze aboard.

The type 2B was the first fully



Coach 1B is the most comprehensive kit containing side overlays, but not the 3D-printed bolt detail and angle irons that are supplied in coaches 2A and 2B.

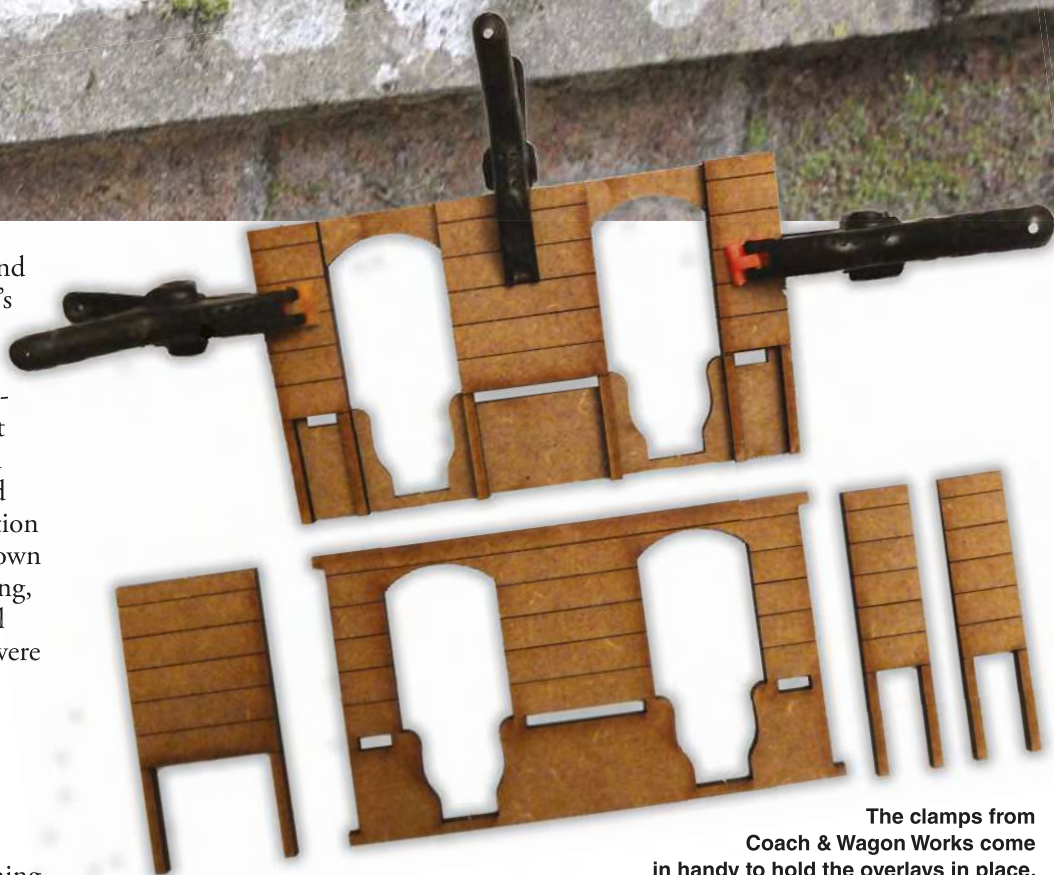


enclosed coach with proper doors and glazed windows, and, in quarrymen's terms, must have been the epitome of luxury. These were pressed into service in 1881. Luxurious these unsprung coaches were not, but it beat the workers walking to work in foul weather. For a fare of 6d they would be taken to Blaenau Ffestioniog station then make their own way further down to the quarries on a Monday morning, were they would live and work until the Saturday afternoon when they were scooped up and returned home.

A PLACE FOR EVERYTHING

These kits present very well out of the bag, in a similar way to the aforementioned freelance offerings, insofar as there is a place for everything and everything is in its place. The wheels are securely located into cut-outs in the wooden frets of the MDF, but the real stand-out components are those beautifully produced maker's plates, which are pre-painted and wonderfully prepared. I normally don't talk about pricing until last, but this needs to be mentioned.

The 1B coach that I started with comes in at only £26.00 including everything apart from three-link chains, glue and paint to complete this kit. Going down the line price-wise, the open-topped 1A coach is a measly £12.00, including wheel sets, buffers and plates. You can even specify which numbered plates you want upon ordering. I have paid more than that in



The clamps from Coach & Wagon Works come in handy to hold the overlays in place.

the past for a set of makers plates alone, and I had to paint them myself!

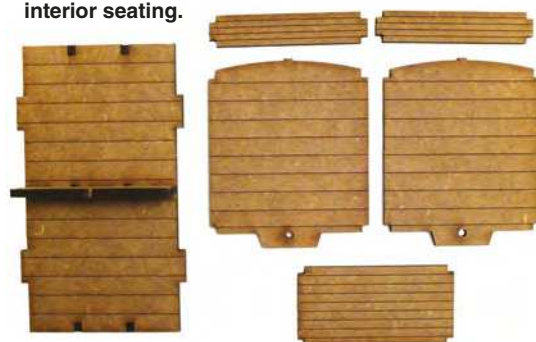
WVW also offer these plates as single purchase items as well for, wait for it, £2.00 a pair. I certainly would not have the skill to pick out the detail of these plates had they not have been pre-prepared for sure. Also if you just want a rolling chassis and to build on that, then one is yours for a tenner.

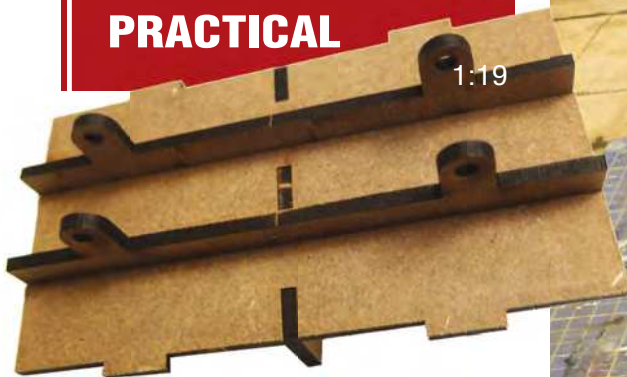
TWIST AND TURN

So, cracking open the bag for coach 1B, I firstly removed all the MDF parts from the fretwork. Use a sharp knife to go around the edges of the parts and nip through the very thin tabs that hold them onto the fret.

Don't be tempted to push and twist and turn the parts to remove them, as you could easily delaminate the MDF in the process. Pay particular care when removing the side overlays as they have plank lines etched into them, making the lower parts of these prone to damage during this process.

The components that make up the interior seating.





The solebars simply clip into slots in the floor ensuring they remain straight and true.

The instructions for all four kits are available either to download from the manufacturer's website by following a PDF download link, or if you want to be particularly environmentally unfriendly, you could choose to print them out. As I have said before, these are some of the clearest instructions I have ever seen accompanied by some great exploded illustrations.

INGENIOUS BUFFERS

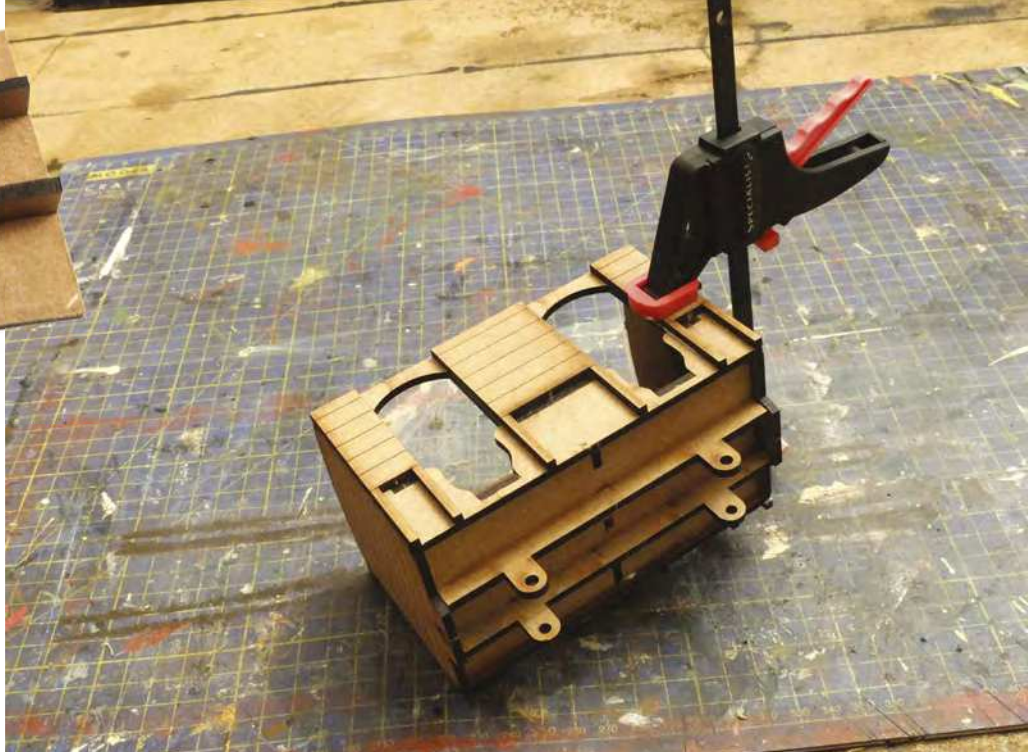
Given that the carriage side overlays were particularly vulnerable to damage, I chose to glue these to the carriage sides firstly using PVA 'dries clear' glue. I would not advise using Superglue as if you wish to stain the MDF, this glue acts as a sealer so the stain won't take over the top of it. Note: in this kit (and this kit only), the scribed planks of the carriage sides face inwards, as the un-scribed sides are largely covered by the external carriage overlays. On the similar-roofed type 2A, without these overlays, the planked sides face outwards.

Before I progressed with the carriage build I was intrigued as to how the buffers would build up. The answer was they are quite ingenious. The buffers are common to all four kits and locate in the right place, so buffer heights between the rolling stock should not be a problem.

There are two hex-headed bolts within the kit. These are glued into the central slot of the middle layer of the buffer, which in turn is sandwiched from the top and bottom with two other layers, which has the effect of locking the bolt in place and disappearing the bolt head, so that only the thread of the bolts protrude and are visible. The bolt simply slots through the pre-cut hole on each buffer beam and nuts are supplied to complete the job. Clever, simple and very effective.

TURNING TURTLE

Next I built the underframe. There are



I used a large compression clamp to hold the carriage sides in place when gluing the ends



The first coat of the red primer. I might have got away with one coat, but to be sure, I applied a second coat later on.

pre-cut notches on the underside of the carriage floor to accept the solebars, which click into place so well they hardly need gluing. That is about as difficult as it gets. Just make sure the planked floor is uppermost. If you want to paint the underframe black, this is a good opportunity. After that four brass bushes are inserted into the holes in the solebars and the axles and wheels can be mounted. I always leave this until last as I don't want a coach rolling off the work bench and turning turtle as it lands.

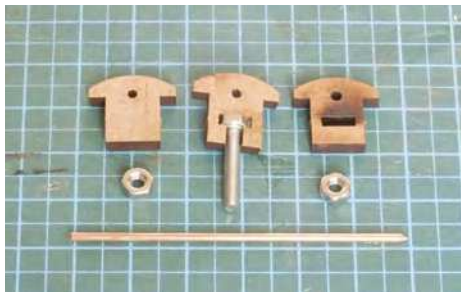
Back to the body now. I built up the seating on one side only. There is a central support for the middle seat which snaps into place on the upper side of the floor and three further seat sections which slot into the carriage sides. I stress again, these are such a good tolerance fit that they hardly need gluing and will remain at right angles to the side, so squaring up the entire

Coach 1B is assembled and ready to accept some paint.



sub-assembly is simply not an issue. If you want to stain or varnish the interior of this model, now is the time to do it as it would be more difficult to do so once the second side is in place.

Next, the coach ends were fitted and the previously-made buffers (which I made and painted en masse for the four kits) also fitted. The roof section has been heavily scored making it easy to contour to the curved shape of the carriage ends. Again, this was simple enough to glue into place and secure with elastic bands. There is also a helpful little notch in the coach ends which locate into a hole in the roof, so you can't set the roof askew in any



The parts of the buffers, the most ingenious part of this kit.

way. This must have been a more recent modification as roof and ends featured in the instructions don't have this feature.

THE RIGHT RED

Then I painted the exterior of the carriage with what was roughly the right red. I could probably have got away with Halfords red primer, but decided to hand-paint the exterior to avoid any over-spray onto the stained wooden interior. Coach & Wagon Works sent me a pot of matt red oxide which was easy to brush on as it did not need an undercoat. I am sure the hue of the red paint varied over the years on the real thing but will wait for a response that I have not used the right red. As all four coaches will be painted in the same red, I am not sure this will even be an issue. The roof was sprayed in Railmatch grey to finish off.

SAVING THE BEST UNTIL LAST

After adding the axles and gauging the wheels the last task was to add those glorious maker's plates to finish off the model. I always try to employ an Easter egg or treat when I build and save this as something not only to look forward to, but also to encourage me to get the kit finished.

Tip: if you are at all worried about getting these plates straight and level, you can cut around the oval hole in the fret that these were originally located in to make up a small jig to help you better align the plate to the carriage side, whilst still giving you enough wiggle room to make final adjustments once the jig is removed. I used UHU glue to set these plates in place and allow time for minor adjustments.

So, that concludes coach 1B and now it was time to tackle the type 2B which to my eye looks more like an enclosed parcel or stores van. It wasn't and I find it hard to believe that 16 men could be 'zip-locked' into this tight space as they made their way down to work on the rock face in the quarry.

The basic principles of this kit are



The left hand side buffer is shown not glued to illustrate the assembly process. The right one is completed.

exactly the same as the others in the range. The major differences here are that you are presented with some nicely etched doors: two per side. Four small brass eyelets are also supplied to serve as door handles and neatly screw into laser-cut holes already etched into the doors. Plastic glazing is also supplied to add to the four window recesses. This must have been the worker's equivalent of the Pullman car and the height of luxury for the quarrymen. Some



The final result. You make the coupling hooks from the wire supplied in the kit.

3D-printed angle irons and bolt heads are included for extra detail.

I did dispense with the brass eyelets as I had some coach door handles in stock from Brandbright Limited, which I think look a little better. I am not sure though whether these are still available as an aftermarket part. Likewise there was provision to make a coach ventilator out of components within the kit, but I had in hand some 'new-old-stock' white metal ventilators from the sadly long



As all these coaches have similar numbers, I affixed the labels from the packaging to remind me of each type and this will be one thing less to forget down the line too.

I cut out around the fret that the maker's plates were located in and used this as a useful template to help to get them mounted neatly on the carriage sides.



Whilst I spray-painted the roof before adding it, it needed another coat but the body was very easy to mask up for this process.

gone Imp Models which were a little more prototypical.

I have to say, having now made up two of the four kits, they have been a joy. It is great when parts fit together as accurately as these. But as I said earlier, if you want to dip your toes into this range, then hit up WVW for the type 1A as a starter. Just two notes for you if you do. This kit is easier to paint before assembly, unlike the others. This kit is also the lightest of the set and would benefit from some added weight under-stairs. WVW sell iron weights specifically for this at 50p per strip and they drop neatly between the solebars on the underside of the coach. Watch the double sided tape though, as you will only get one chance to drop them into the right place.

Why not just go for it and get the whole set? This would cost you £89 plus P&P. I reckon you can knock forty quid of that price for eight of those grand maker's plates alone. Also, together with my 16mm brass model Ffestiniog double-Fairlie 'Merddin Emrys' used for the final photo-call, you can see that the coaches actually work really well as a four-car rake and sit well behind the loco.

NO QUARRELS WITH THESE QUARRYMEN'S COACHES

The build of the remaining two kits followed swiftly and without any issues to report. I really have difficulty in finding anything to be critical of with these models. They are comprehensive kits. They build up totally accurately.

The underframes are correct and true to the prototype. The buffer construction is ingenious. The tabbed roof section is impossible to misalign, and those maker's plates (I think I may have mentioned those already) finish these diminutive coaches off to perfection.



The final coat with Coach & Wagon Works red primer on coach 1B.



Wooden supports allow me to mount the maker's plate to one side, then flip the bodies over to repeat the process without disturbing the plates on the lower sides of the models.



Coaches 2A and 2B just awaiting roofs, buffers and wheels.

The four kits in various stages of completeness, with coach 1B (furthest away on the right) being complete.



The 3D-printed bolt heads and angle irons feature in coaches 2A and 2B.



The completed rake of the four coaches from left to right, types 1A, 1B, 2A and 2B.



The coach roofs being held in place with elastic bands, which I cut off after the roof was set as there was less risk of damage to the body.

Garden Rail Resource

Wood Valley Works

15 Dart Close, Alsager, Cheshire,
ST7 2HY
www.woodvalleyworks.co.uk

Quarryman's coach type 1A (open top) £12.00

Quarryman's coach type 1B (with side overlays) £26.00

Quarryman's coach type 2A £25.00

Quarryman's coach type 2B £26.00

Rolling chassis kit £10.00

Iron weights 50p per strip

Red primer (40ml tins), and other colours £4.50

Coach & Wagon Works

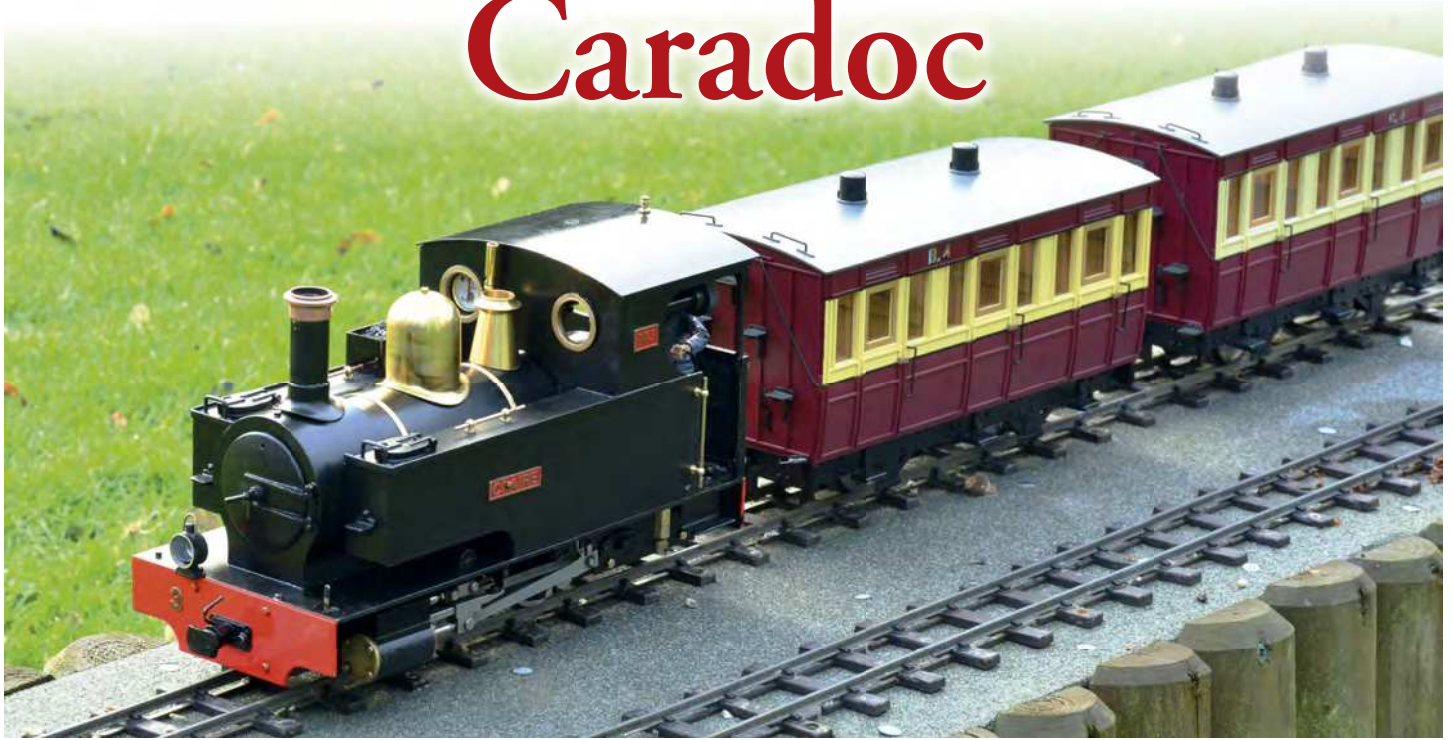
2 Dobles Terrace, Dobles Lane,
Holsworthy, Devon, EX22 6HW.
www.coachandwagonworks.uk

Please mention **Garden Rail** when contacting suppliers.



Iron weights added between the solebars to aid adhesion.

Restoring an Accucraft Caradoc



Mike Wakefield found himself saving a locomotive that was in need of a lot of love.

I recently received an Accucraft Caradoc for restoration. For those unfamiliar with this loco, the Caradoc was a 0-4-0 piston valve tank engine with internal gas firing, manufactured in the early 2000s. My task was to change the loco back, as far as possible, to how it had looked when first manufactured, salvaging as much of the original as I could.

This particular loco arrived in rather a sorry state. Sometime during its life it been considerably altered, mainly in the cab and rear underside areas. The rear frames had been cut away from just behind the rear wheels, the cab side door openings filled in and the cab back removed completely. The cab roof had been extended backwards, there was a large oval hole in the cab floor

and a water top-up had been fitted and then extended by a brass pipe to project underneath the left side of the cab floor. It also had a number of purely cosmetic changes such as remounting the whistle on the smoke box with a dummy steam pipe extending back to the cab.

Radio control was in the form of two servos, one operating the regulator and the other the reverser, with the receiver

and battery box located in a triple-axle tender.

Not so much kit bashing as kit battering.

Judging by the oval hole in the cab floor and the cutting away the rear part of the frames, I guessed that a previous owner had set out to convert the loco into a 0-4-2. Apart from the oval hole there was no

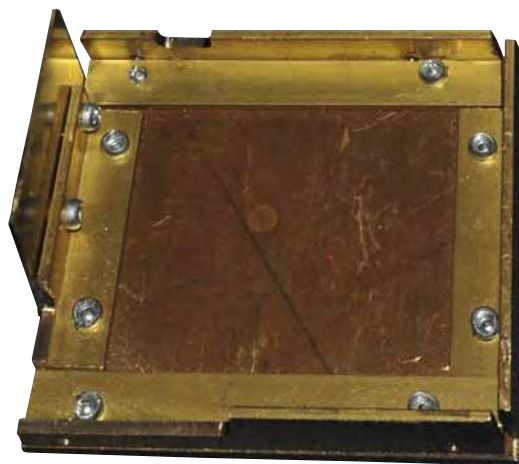
The battery compartment before work. Note the odd hole



The model as obtained.



The battery compartment after I'd finished.

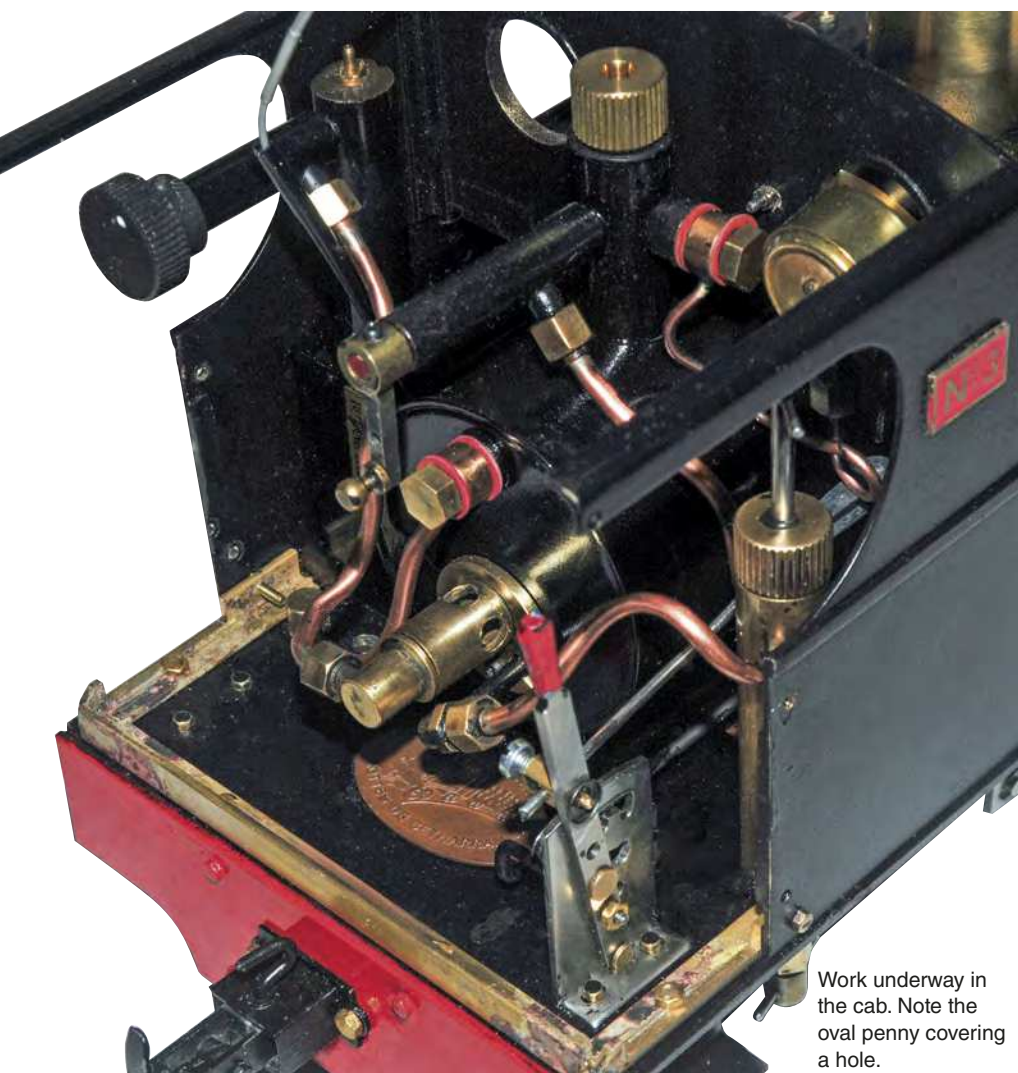
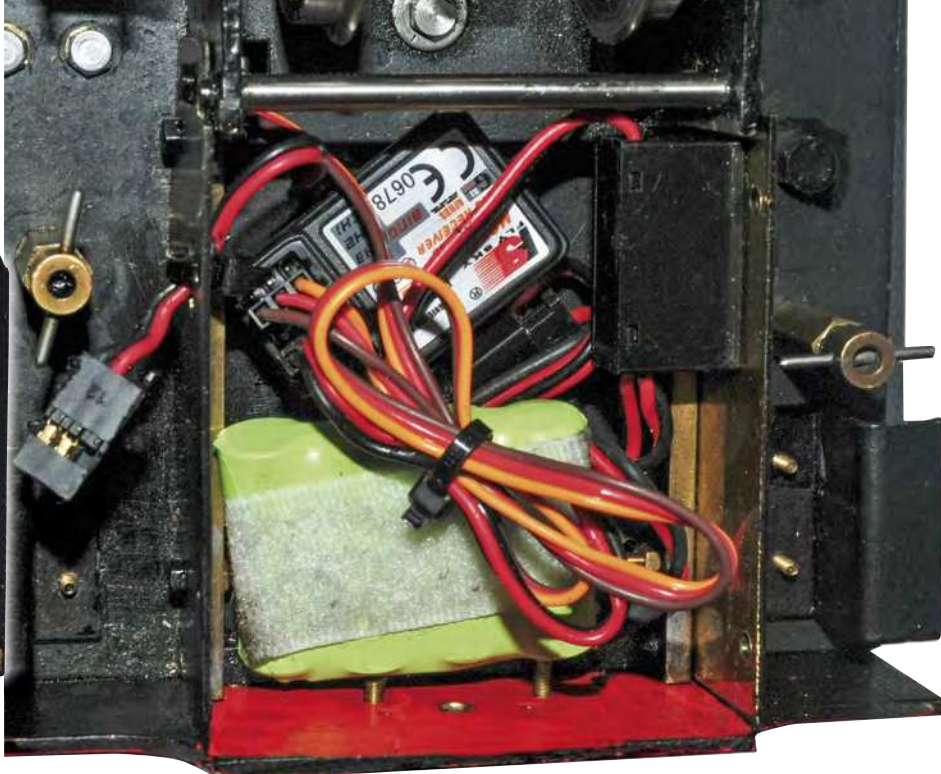


I made a new cover for the battery compartment.

sign they'd been successful and definitely no remains of any kind of pony truck, so I assume this attempt had failed.

However, because the rear part of the frame had been cut away, there was nowhere to house any radio control gear under the cab floor. To get around this a tender had been made, along with the

removal of the cab back, filling in the side door openings and extending the cab roof. The tender itself was of thin steel and plywood construction, and had both a dummy coal load and dummy water filler. It also incorporated some of the parts originally fitted to the loco, such as the rear buffer beam and cab steps.



Work underway in the cab. Note the oval penny covering a hole.

Of course, in the real world, a tank engine doesn't require a tender.

There was no point in making serious changes to the loco's looks if it wasn't going to run so, before embarking on any alterations, I disconnected the radio control servos, totally cleaned the loco, re-oiled all moving parts, and then test ran it on a rolling road, first with compressed air and then under steam. The loco ran really well, so I pressed on with the restoration.

I first totally dismantled the loco to have a good look at its alterations and to give me an idea as to what could be restored. I concluded that, while the major alterations to the cab and rear frames had mainly been carried out to a high standard, the cosmetic changes appeared more hurried, with thick black paint being used, some of which had pooled in large blobs before drying. Fortunately I found this thick paint readily dissolved with white spirit, leaving black enamel underneath.

A PLAN OF ACTION

I then put together a plan:

First, discard the tender, recovering anything useful that could be reinstalled on the loco.

Next, remove the existing water top-up system and replace it with the more normal top-up valve, screwing directly to the top of the boiler.

Remove the handles that had been soldered into the vertical roof supports at the rear corners of the cab, so I could re-attach a cab back.

Remove the thick black paint that had been liberally applied to everything in the cab, and return to the shiny

Work completed in the cab.

brass and copper that I personally favour.

As my Mortimer has a coal bunker projecting out from its cab back, to swap its cab roof with the extended one from the Caradoc. Also to fit the little catches I've fashioned to stop the cab roof sliding back by itself.

From 1.5mm brass sheet (the thickest my modeller's circular saw can easily cut) fashion two plates to replace the missing parts of the locos frame, to be bolted in place. Before attaching, mill appropriately shaped holes to accommodate a radio control on/off switch on one plate and the battery recharging plug on the other.

Again using 1.5mm brass sheet, fashion a plate to cover the location of a radio control receiver and rechargeable battery. This cover to be held in place by bolting it to the new frame extensions and also the bottom bolts of the rear buffer beam.

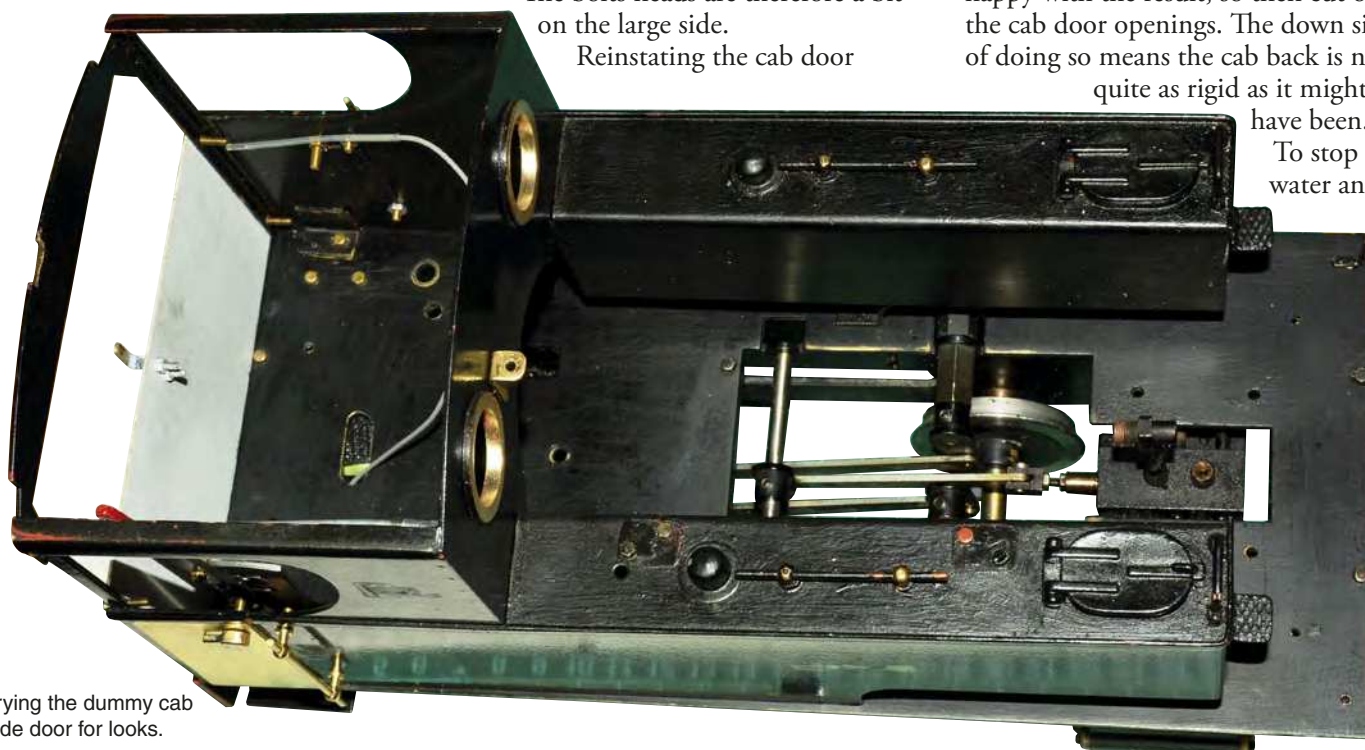
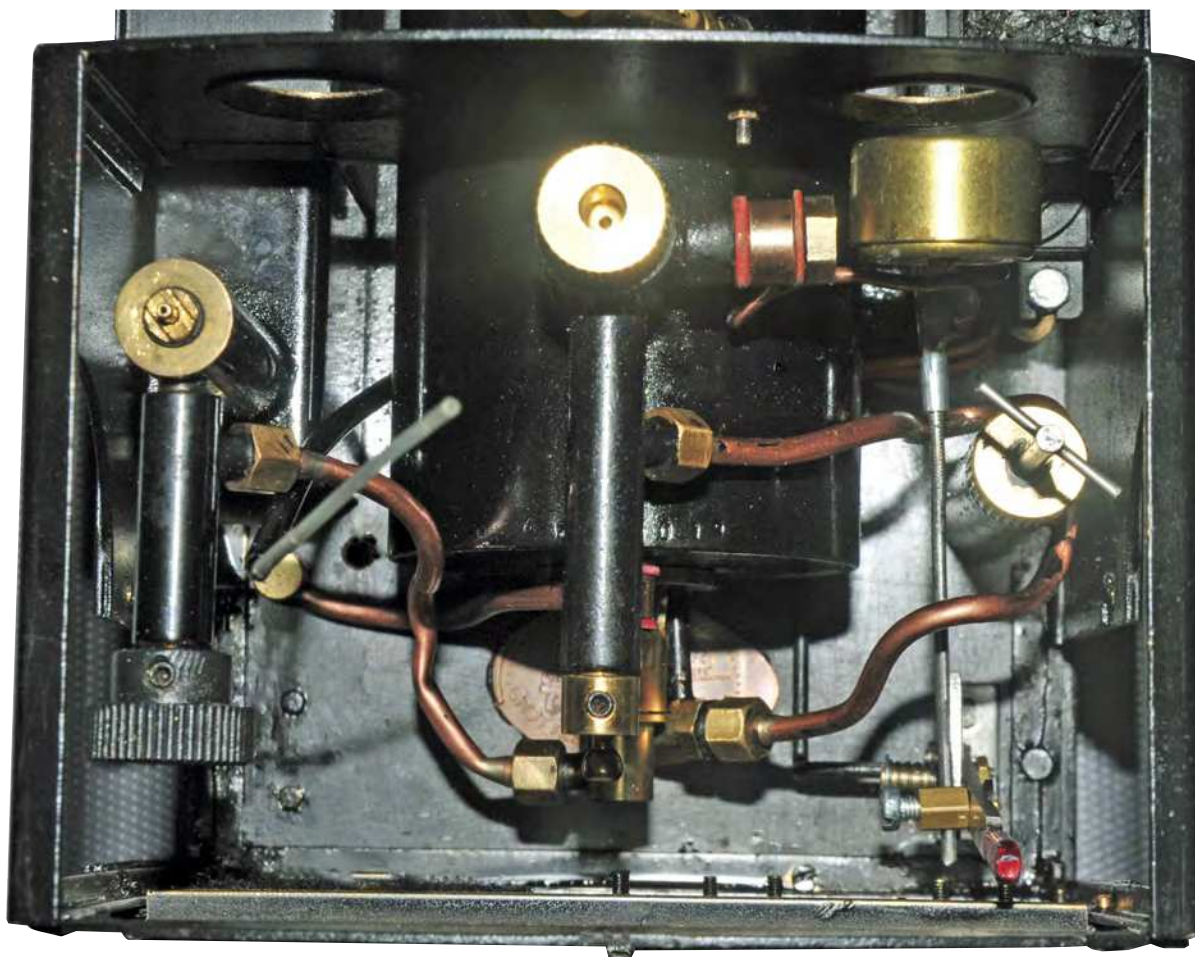
Using more of the 1.5mm brass sheet, construct a new cab back that could be taken off to give access to, say, clear a blocked gas jet. This back to be attached by bolts screwing into the holes left by the previous removal of the handles on the vertical roof supports. Unfortunately these holes were too large for a M2 tap so I had to use an 8BA.

The bolts heads are therefore a bit on the large side.

Reinstating the cab door

openings was something I first felt shouldn't be attempted as, with so much metal cut away when the cab back had been removed, there would have been precious little left to support for the cab roof. I therefore initially decided to not to open up the cab side door openings and instead made some dummy doors to go on the outside. However I wasn't happy with the result, so then cut out the cab door openings. The down side of doing so means the cab back is not quite as rigid as it might have been.

To stop any water and oil



Trying the dummy cab side door for looks.

Testing with the doors fitted.



getting onto the radio control receiver and battery I needed to make and attach something to fill the oval hole in the cab floor. After initially planning to use a piece of rectangular brass I remembered an oval copper souvenir token, embossed with a picture of a loco, that came from the underground train ride at Grottes de Betharram in France. It seemed appropriate, so I fixed it over the oval hole using high temperature silicone.

Cosmetically, to refit the whistle onto the cab front, polish the dome, refresh the paintwork and, considering this is a narrow gauge tank engine that only moves a maximum of around 20-25mph, attach oil cans, buckets, tools and the like which would be appropriate to such a loco. Ian Davies kindly gave

me a dummy coal basket and coal for fixing to the top of a side tank.

Refit radio control. I opted to use just a single servo on the reverser as you really don't need to servo control the regulator as well on these piston valve locos. Neither of the servos that came with the loco was reusable. One had had its fixing lugs sawn off and the other had stripped (nylon?) gearing. I used a metal geared servo of my own and rerouted the control linkage rod so it acted directly on the reversing lever rather than incorporating a 90 degree bend, which had a tendency to flex.

Finally, to re-assemble all the parts of the loco, using new fibre washers as required, and re-test using compressed air before a full test under steam.

HOW DOES IT RUN?

It runs really well, and even exhibits slightly more pulling power than my own Mortimer of a similar age. I can only conclude this Caradoc hasn't had much use. The only thing I needed to alter was the gas control handle which, by projecting from the cab side window, kept snagging on the foliage growing alongside the track. I fitted a standard Accucraft circular knob instead.

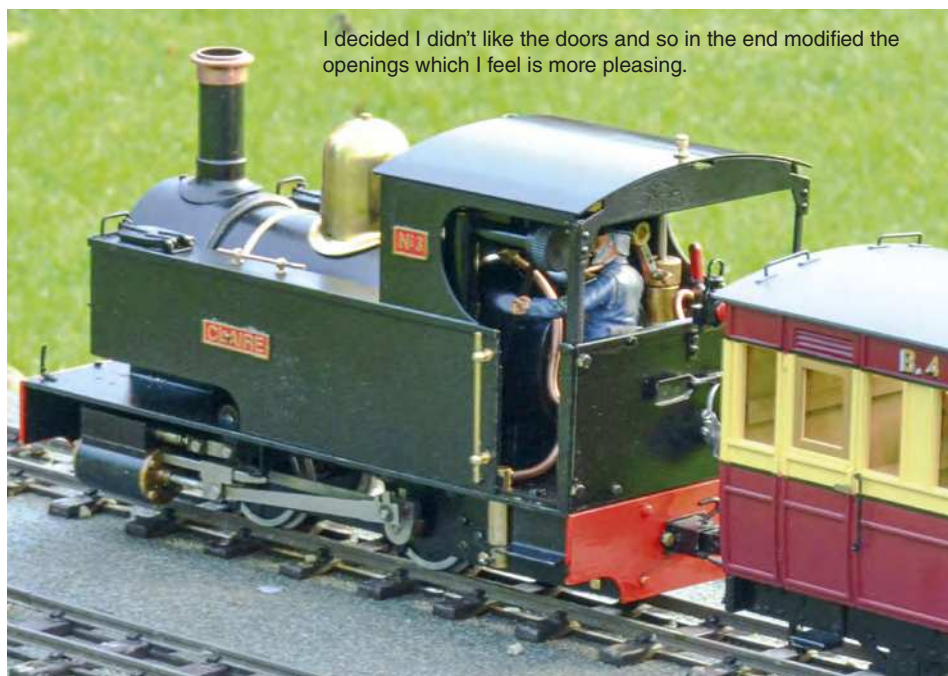
As to how it looks, that's a far more subjective decision. I personally like locos to be clean and shiny while others prefer them to appear used and add dummy rust stains and the like.

CONCLUSION

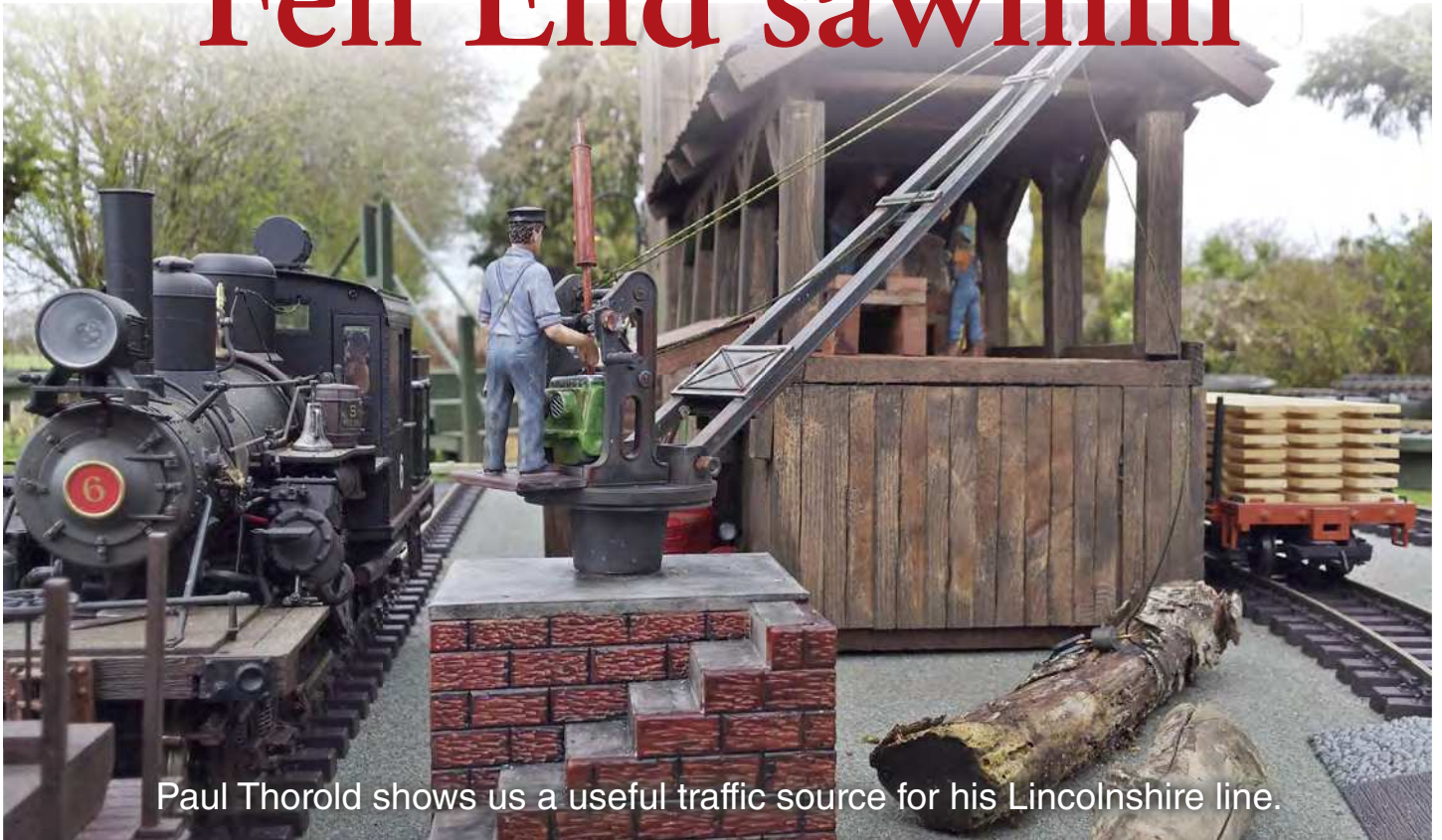
It proved easier than first anticipated to restore the Caradoc back to something like it would have looked back in around 2004. As to why an attempt had been made to change it into a 0-4-2 I can't say, other than it was pretty sure to be unsuccessful.

Looking at the position of the wheels on, say, a 0-4-2 Leader of the same era as a Caradoc, it's clear a pony truck ideally needs to pivot further forward than simply the middle of the cab floor, and that requires the rear driving wheels to be mounted further forward as well.

Am I'm entirely pleased with the result? Well no. I feel I have achieved the best that could be done with what I had, but the 8BA bolts attaching the cab back are too large and conspicuous. I plan make some brass handrail knobs with an 8BA thread and use them to replace the bolts. ■



Fen End sawmill



Paul Thorold shows us a useful traffic source for his Lincolnshire line.

Construction of the Fen End Railway began in my garden, in a small Lincolnshire village in the Summer of 2011. In the eight years following this, the line has grown massively in both size and in fan base thanks to its appearances on social media.

I spend a lot of my time out in the garden with my railway, much to my wife's annoyance sometimes, but it is truly a great passion that I have, especially when my grandchildren want to come and 'play'.

The most recent of my creations is the

saw mill named S. Headland. The name was chosen to honour of a very close friend of mine, a carpenter, who sadly passed away recently.

It currently stands on the raised part of the railway, both were constructed last year. This particular raised area I built



The buildings are all constructed from wood salvaged from a summerhouse.

mainly for the live steam trains that I have in my collection. Since then it is now connected to the Massoth DCC System, which is connected to the rest of my set up, there is also in provision to isolate when running live steam.

The main body of the sawmill is from reconstructed redwood timber, which was originally our summerhouse. The planks of wood were sawn to size and then I used a Dremel tool to scribe on the planking detail. The saw bench for the sawmill was also created by the same wood as the main construction with dowels and a large washer to represent the actual blade.



The small crane for loading logs is scratchbuilt.



Under the lean-to is the mill's steam engine made from bits of pipe and 3D printed components.

My Boiler House was also made from scratch. The corrugated looking roof is really plastic which painted in a such a way that it looks like it has real rust developing. The boiler is made from a piece of drain pipe, a brass water pipe, wooden coffee stirrers (thanks goes to McDonalds) and various other bits and pieces I had lying around my workshop.

My friends Paul Cole, then very kindly used his 3D printer to make the beam engine.

Using home-made rubber moulds, I cast the main roof sections in resin. A finishing touch was to add lights and a sound system, which makes saw type sounds.

To make the entire construction more realistic I used both acrylics and enamels for the painting and weathering it. ■



A lorry collects waste sawdust.



Well, look at that. He's been working under the layout all day and come out with designer beans!



THE GAUGE ONE MODEL RAILWAY ASSOCIATION

Just imagine the thrill, spectacle and sound of a real live-steam hauled express train like this one running through your garden, or perhaps a more sedate goods train hauled by a modest tank engine. Whatever your tastes, G1MRA—the oldest established large-scale and garden railway association can help you realise that dream. Benefits include our renowned quarterly Newsletter & Journal, a wide range of construction book publications, friendly local groups and trade supplier lists. G1MRA layouts are regularly featured at major exhibitions nationwide - check our website Events list for details.

For joining details please visit our website: g1mra.com, or write to:

The Membership Officer
PO Box 363, Trimdon Station, TS29 6YU
07547 804142
Email: g1mra.membershipofficer@gmail.com

Smallbrook Studio

Makers of Fine Railway Models



Introducing our NEW 16mm scale 1:19 Vacuum Cast Resin saddle tank Locomotive Kit 'SPRITE' - now with our new improved chassis and Slater's wheels - £330.00
A Body Kit complete to fit onto an LGB Stainz or your own chassis is also available for - £198.00

The kit makes a simple battery powered garden railway locomotive and is complete with everything required to make the model including a new improved chassis, Slater's wheels, high torque motor, brass gears, weight and electronic speed controller but requires batteries, glue and paint. The kit comes with good, clear instructions for building.

Post & Packing on all orders: UK £4.00, Europe £8.00, Rest of World £10.00. Send large C4 SAE with large stamp for our illustrated 16mm scale price list.

Payment by PayPal on our web site, by phone for all major credit/debit cards or cheque by post.

SMALLBROOK STUDIO, Smallbrook House, Gunville West, Newport, Isle of Wight. PO30 5LW

Tel: 01983 520584 • Email: smallbrookstudio@gmail.com
www.smallbrookstudio.co.uk



**Home of The
Garden Railway**
since 1987

Good Times with Great Friends
25 Area Groups, Help, Advice & Open Days!



**Join
Today!**

12 Months of Full Membership Now!

4 Quality Journals and more (worth £20)
Society Calender, free Insurance* plus much more!

www.gscaleociety.com



**UK MANUFACTURES OF LIVE STEAM
LOCOMOTIVE KITS IN GAUGE 1**

CELEBRATING 40 YEARS OF BARRETT MODELS 1980-2020

Scale, 10mm : 1ft
Track 45mm



GW 2-8-2 72xx spirit fired kit.
Detail casting & spare parts
available for the scratch builder.

www.barrettsteammodels.co.uk

Tel no. 01922 685889

Works:-47a Coronation Rd, Pelsall, Walsall, WS4 1BG

CAMBRIAN 16mm Narrow Gauge

Cambrian Models is now Cambrian Model Rail Limited. There is a new website with fully integrated online shop. Postage from £1.50.

Loco and rolling stock parts: Rivets, nuts/bolts, handwheels, headlights, coach doorhandles and more...

NA3 Coach Door Handles (£2) £2.70 NA4 Nuts and Bolts £2.70 NA6 Brake Handwheels etc £2.50 NA12 Centre Buffer (pair) £3.80 NA 14 Loco Headlight £3.00

Bogies, axleguards, brake gear: Five types of bogie, loco, coach & wagon axleguards; and brakegear.

NA1 Tallyho Axleguards (4) £3.60 NA5 set of 4 Brakehoes £2.40 NA10 Gipsy Valley type Brakegear (2) £3.00 NA26 Stanglen Loco Axleguards (4) £4.20

Wheels: Loco and rolling stock wheels.

NW1 24mm Corby spoke (4) £3.00 NW5 21mm Spoked Loco (4) £3.10

Signal parts: Signal parts, signal ladder and brackets.

NS1 Signal Ladder (200mm) £2.40 NS3 Signal Bracket (2) £3.00

See the website for details or send C5 SAE for catalogue

Over 100 4mm Wagon Kits spanning many eras are also available
www.cambrianmodelrail.co.uk cmr@cambrianmodelrail.co.uk
01322 515672 2pm to 4pm PO Box 85, Greenhithe, Kent, DA10 9DN

Our 'Superior' top up bottle is not a converted plant spray. It's designed for topping up live steam locos. If you don't have one, you must be one of the few!
Two sizes of bottle available **650ml** and **950ml** – at the same price of **£14.75** including postage.



The 'Superior' water top up bottle – £14.75 (including UK postage & packing)

Please see our web site for full details of all our garden railway products
Doors and windows for scratch builders, cladding sheets for buildings

Old Fir Tree Inn, Peacemarsh, Gillingham, Dorset SP8 4EU

tel: 01747 824851 e-mail: info@jacksonsminiatures.com

John Sutton Models

I sell a wide range of new and secondhand models in SM32 and G45

- Orders welcome for UK and Overseas
- Callers welcome by appointment only please

Just arrived in stock
Accucraft Sabrina & Talgarth in 3 colours
IOM Bogie Braked Coach now available
Isle of Man G vans with or without portholes

Wanted: Your Garden Railway locomotives and complete collections. Excellent prices paid. Will pick up or can arrange collection - speak to John

Many new and second hand locos in stock check website for availability

66 Carthorse Lane, Brockhill, Redditch, Worcestershire B97 6SZ

Tel: 01527 67696 - Mob: 0779 8924575

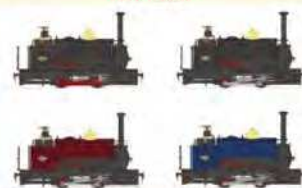
www.johnsuttonbooksandmodels.co.uk

johnsutton3@sky.com

TRACKSHACK Live Steam Garden Railways

Accucraft Live Steam Locos
Booking Now

Dates and prices may vary
NEW! Large Quarry Hunslet
0-4-0ST



Due Late 2020, blue, black, red or Penrhyn lined black livery.
Manual only estimated price £1595 Book yours now!

In Stock 7/8ths Kerr, Stuart 'Wren' 0-4-0ST, blue black or green, £1695 manual only.

NEW BATCH! Dolgoch 0-4-0WT In Stock, £1595 manual only. Available in 32 or 45mm gauge, colours are Atlas Green, Indian Red or TR Green.

NEW! Talyllyn 0-4-2ST Due Early 2020 or later, estimated price £1650, 32 or 45mm gauge, available in TR Green, Indian Red or Black.

Talgarth 0-4-0T & Sabrina 0-4-0ST In Stock Man. £1095, R/C £1395

NEW! Cavan & Leitrim 4-4-0T Kathleen or Lady Edith, in lined C&L Green, GSR Grey or Satin Black versions, 45mm gauge only. Man £1950, R/C £2250, 2020 or later.

NEW! Lawley Beira/SAR 4-4-0 tender, due late 2020 or later, est. price £2995, in Beira Green, SAR Green and SAR Black.

In Stock. 7/8ths Bagnall 0-4-0ST Man. £1295, R/C £1595

In Stock IOM Mona 2-4-0T, Ailsa Green Electric only £1325

All Roundhouse diesel locos are built to order in approx. 16 weeks
Hercules 0-4-0D Radio control battery electric £560



Merseysider 0-4-0D R/C battery electric £755, with sound £875

Harlech Castle 0-6-0D R/C Battery electric £935, with sound £1075, FR yellow band additional £40

Darjeeling NDM6 0-4-0D, R/C battery electric £1275 sound £1380

Bulldog 0-4-0D R/C battery electric £647

Roundhouse Live Steam
Booking Now



NEW! Davenport 0-4-0ST Nov 2020, Man £1625, R/C £1850
Clarence 0-4-0 Tram April 2020, Man £1565, R/C £1700



Leek & Manifold 2-6-4T May 20 Manual £1835, R/C £2060

David Lloyd George 0-4-4-0T Double Fairlie July/Aug 2020 R/C Only £4100

Darjeeling B 0-4-0ST Aug 2020 Manual £1965 R/C £2180

Darjeeling Garratt R/C only Aug 2020, £3900

Lilla 0-4-0ST Sept 2020 Manual £1605 R/C £1835

Katie 0-4-0ST Oct 2020 Manual £1370, R/C £1615

Lady Anne 0-6-0T Dec 2020 Manual £1440, R/C £1625

Billy 0-4-0T Jan 2021 Manual £1370, R/C £1615

WD Alco 2-6-2T Jan 2021, Manual £1938, R/C £2173

Fowler 0-6-2 tender, Mar 2021 Manual £1655, R/C £1885

Russell 2-6-2T, April 2021, Manual £1761, R/C £1930

Silver Lady 0-6-0T Apr 2021 Manual £1735, R/C £1955

Basic Series – Bertie, Millie & Sammie, all £675.

Jennie, 0-4-2 tender £799.

All built to order, delivery currently approx. 16 weeks.

Accucraft IOM 'G Vans' in stock, all types..... £80

Peco SM32 & G45 Track

SM32 Buffer stop kit.....	£5.00
SM32 1 x 3' flexi track.....	£9.00
SM32 12 x 3' flexi track....	£96.00
SM32 6 x 30"rad curves ..	£48.94
SM32 6 x 38" rad curves..	£48.94
SM32 60" rad points L,R..	£48.00
SM32 Y Point.....	£48.00
SM32 38" rad points L&R..	£45.00
G-45 1 x 3' flexi track	£14.15
G-45 6 x 3' flexible track ..	£83.00
G-45 6 x 2' radius curves ..	£48.60
G-45 6 x 300mm strts.....	£48.60
G-45 48" rad points L&R..	£66.14
G45 Buffer Stop Kit.....	£4.92

FREE UK DELIVERY on all orders over £200. Smaller orders no more than £4 per shipment. For quality customer service and delivery, ring Neil, Pete or Harry on 0330 0885759 (UK local rate) or shop at www.track-shack.com Prices as of going to press, include 20% VAT. E&OE. TrackShack Ltd, Unit 4 Olive Court, Ramsey Road, Peel, Isle of Man, IM5 1RH. Tel: 0330 0885759 (UK local rate) Mon-Friday 0900-1600. www.track-shack.com

7/8



7/8ths 18" Baldrig



16mm Arthur

Manufacturers of 16mm & 7/8ths Scale Etched Brass Kits

We currently supply five 16mm scale and six 7/8ths scale locomotive body kits to suit Accucraft & Roundhouse chassis. There are also six rolling stock kits in 7/8ths scale to compliment the locomotives.

Body kits feature half etched lines with major parts supplied pre-folded and roofs rolled for ease of construction.

All kits are supplied with the required fasteners for kit construction, a mix of lost wax brass and white metal castings and laser cut components where required.



7/8ths Slate Wagon



7/8ths Skip

Available From

Mikes Models

3-5 Brockwell Rd, Birmingham, B44 9PF

Phone: 0121 360 4521

Email: info@mikes-models.co.uk

www.mikes-models.co.uk

Design and manufacture of live steam locomotives in 16mm and 7/8ths scale.



www.wilsonlocomotives.com.au

info@wilsonlocomotives.com.au



Instagram

MyLocoSound £59 Now for Railbus & Galloping Goose

For battery radio control or analogue track power **or DCC**. Easy screwdriver installation. £12 remote control enables adjustments without dismantling the loco. Also great for 5" and 7 1/4" ride on locomotives.

Universal steam ... synchronised load sensitive chuff, sixteen selectable and adjustable whistles, bell, safety valve, live steam injector, "All aboard", guard's whistle, brake squeal and Westinghouse brake pump.

Universal heavy diesel ... Choice of English Electric, Modern EMD, Classic GM, Alco, Sulzer and Railcar engines, six variable horns, bell, brake release, "All aboard", guard's whistle, brake squeal, switchable turbocharger and start up sequence. Also **Light Diesel soundcard** with Klaxon and modern horns.

Universal electric ... adjustable, load sensitive motors, variable horn styles, bell, guard's whistle, brake compressor, brake release and door slams. Also **Trams, Railbuses and "Galloping Geese"**.



www.mylocosound.com

Distributed by Fosworks of Blackburn
01254 814675 E-mail sales@fosworks.co.uk

P&S Hobbies & Models



01904 611761
01723 377020

www.pshobbiesandmodels.co.uk

THE SHOP WITH THE STOCK IN STOCK!

North Yorkshire's Largest Premier Dealer for LGB & Massoth
FREE FITTING & Programming on all LGB and Massoth Decoders
Massive stock of parts and spares available for LGB
DCC Conversions a Speciality. Quick Service. Ring for details

32 Castle Road, Scarborough YO11 1XE
also at: 4 Walmgate, York YO1 9TJ



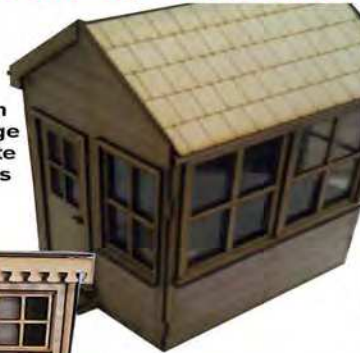
northpiltonworks.com

Call: 02030 062564 **7/8th & 16mm Scale**

North Pilton Works
16mm Scale Garden Railways .com

Complete range of building and accessory kits for every aspect of your railway.

Full range of rolling stock in 16mm and 7/8th scale with industrial range and standard range of kits complete with heavy metal axles and binnies buffer couplings.



New range of 7/8th scale industrial wagons now launched

Buildings, accessories, signals, rolling stock and locomotive kits

FROME MODEL CENTRE

Discover and quality the way it should be

Here at Frome Model Centre we offer our customers one of the largest, most diverse ranges of railway modelling products under one roof with a helpful and friendly service provided by our experienced team!

Come and visit us here at **Frome Model Centre**, with product ranges across model railway, plastic kits, toys, wargaming, dollhouse accessories, crafts, tools, paints, and much more, we are sure to have something for everyone, of all ages and interests!

Model Railway Service and Repair
Specialists - with over 30+ years experience

Buyers and Sellers of Second Hand
Railway - with one the largest ranges under one roof!



Service & Repair - Second Hand - Technical Advice

Tel: 01373 465295 E: sales@frome-model-centre.com Free Parking!
www.fromemodelcentre.com 1-2 Catherine Street, Frome, Somerset BA11 1DA
Opening Hours: Tue-Sat: 10am-5pm



www.gscale.co.uk

East Coast Railway

PLASTIC & METAL
G SCALE 45MM OUTDOOR
TRACK AVAILABLE

Tel 07748008108

THE BEST VALUE G SCALE 45MM GAUGE
SPECIALIST & PIKO RETAILER

LISIA CRAFT

Arben Blume, Rue des Marais,
Vale, Guernsey, GY6 8AX



3D printed wagon kits - 16mm/1:19 scale.
Available for 32mm or 45 mm gauge.
All parts included

Fully insulated wheels with steel rims.
Brass wheel bearings for smooth running



Supplied unpainted
Superb detail
Sprung buffers.

3 plank wagon - curved ends - £27.00
3 plank wagon - flat ends - £27.00
Flat wagon - £24.50



Tel: 01484 251168 E-mail: lisiacraft@outlook.com

MAXITRAK.COM

The best of model rail and road

PAY MONTHLY

5" Quarry Hunslet 'Alice'

Painted Kit
£3995
Ready to Run
£4480

Minimum 8ft radius



Back by popular demand!

10/11 Larkstore Park, Lodge Road, Staplehurst, Kent,
TN12 0QY Tel : 01580 893030 Email : info@maxitrak.com



GERMAN DR BR 38

Gauge One Live-Steam, Alcohol fired ...



We have it in stock,
Aster factory build !



We speak english !

MBV SCHUG Neustrasse 18 D-54340 Detzem / Germany
Phone +49 6507 802326 Fax +49 6507-802327 www.accucraft.de

B&B Trawsfynydd, Snowdonia

We are currently closed.
Please check the website for more details.
Keep well!



Tel: 01766 540397 • www.oldmillfarmhouse.co.uk

Join Today

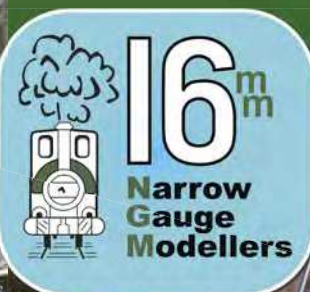
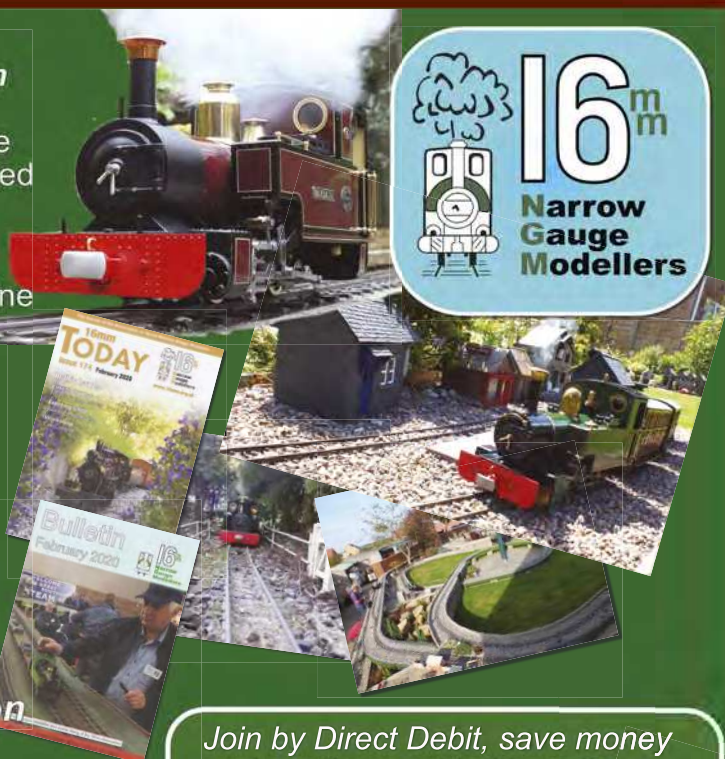
and get our **brand new** 120 page **Guide to 16mm Modelling** with loads of hints, tips, help and advice for novices and experienced modellers, **plus all our members enjoy**

- **16mm Today** - full colour quarterly magazine
- **Bulletin** - full colour quarterly newsletter
- **Exclusive Members only website** with access to over 120 Magazine back issues, Special Publications & lots more.
- Over 50 **Area Groups** where you can run your trains and meet other members.
- Public liability insurance
- A Worldwide Membership!

A huge amount of fun and satisfaction

*It's easy to join and get your FREE Gifts of 16mm Scale Rule & Sticker Sheet :
Ring our dedicated hotline -*

01778 392016 Mon - Fri 8 - 6, Sat 9 - 5
Find out more & join online 24 / 7 on the website :



Join by Direct Debit, save money and get these added benefits :

FREE "History of 16mm" (RRP £10)

Ongoing hassle free annual renewal



www.16mm.org.uk



www.micronradiocontrol.co.uk
sales@micronradiocontrol.co.uk
Dept GR, Uplands House
Castle Howard Road
Malton, YO17 6NJ

Eliminate worry about dirty track, stalls, shorts, and all the frustrations of track power. Battery power and radio control - the future of model railways
Visit our website or send a A5 Large Letter SAE with 'GR' written on the back

An on-board battery and R/C receiver frees your locos and trains; no more time wasted cleaning track and pickups. Run your layout without track power - no need to insulate turnouts and no messy wiring.

R/C trains can operate alongside track powered locos, either direct control or DCC.

Receivers and controllers operate on 2.4GHz using the popular Spektrum DSM2/DSMX protocol. Receivers have a short wire aerial, some are available with extended aerials for use in totally enclosed metal bodied locos.

R/C Receivers

The range of R/C receivers covers all scales and gauges; from N to SM32, Gauge 1 and beyond with motor currents from 0.5A to 6A. The smallest receiver, suitable for N and 009, measures 9x9.6mm. A selection is shown here.



All Deltang receivers have multiple auxiliary outputs for controlling lights, coupling actuators, sound modules or whatever on-board function your imagination wants to implement.

Batteries

On-board batteries can be NiMH or LiPo for best size/capacity ratio. LiPo cells can be charged in the model and frequently topped up when the loco is resting. Most locos do not need the full 12V - 4V or 8V from 1 or 2 LiPo cells is usually sufficient. For space restricted installations, a single LiPo cell can be used with a small booster to give 9V or 12V.



Hand-Held Controller

A range of hand-held controllers, from simple, single loco to multi-train units. All are pocket sized and available with forward / reverse on one knob or full-range throttle and separate direction control. See our web site for details. We can build bespoke controllers with knobs, switches, push buttons to match your needs.



Sound

Mtroniks or MyLocoSound sound modules can be used to complement your R/C installation. Receiver outputs control motor sound and trigger bell, whistle, horn...



MyLocoSound now with Industrial Light Diesel sounds using 100% recorded sounds.

Installation

Micron provides a complete R/C model rail installation service using Deltang R/C receivers, MyLocoSound modules and supporting components. We can install in most scales/gauges, from N through Gauge 3.

We discuss an installation specification with the customer to see what combination of products and features will best suit their needs and to estimate the installation cost. A firm quotation will be supplied after we examine the loco.

IP Engineering (uk) Ltd

Carousell, Spilsby Rd
New Leake Lincs PE22 8JT
Tele : (01205) 270010

Visit our secure on-line shop at
www.ipengineering.co.uk



New Talyllyn 16mm Scale
Slate Wagon, 3 & 4 Plank Wagon
And Aberllefenni Quarry Wagon Kits



Talyllyn Slate wagon kit complete with wheels and all detail parts included
32 mm gauge only £25.00

Talyllyn 3 plank open wagon kit complete with wheels and all detail parts included
32 mm gauge only £25.00



Talyllyn 4 plank open wagon kit complete with wheels and all detail parts included
32 mm gauge only £25.00

Aberllefenni Quarry Wagon kit complete with wheels and all detail parts included
32 mm gauge only £25.00

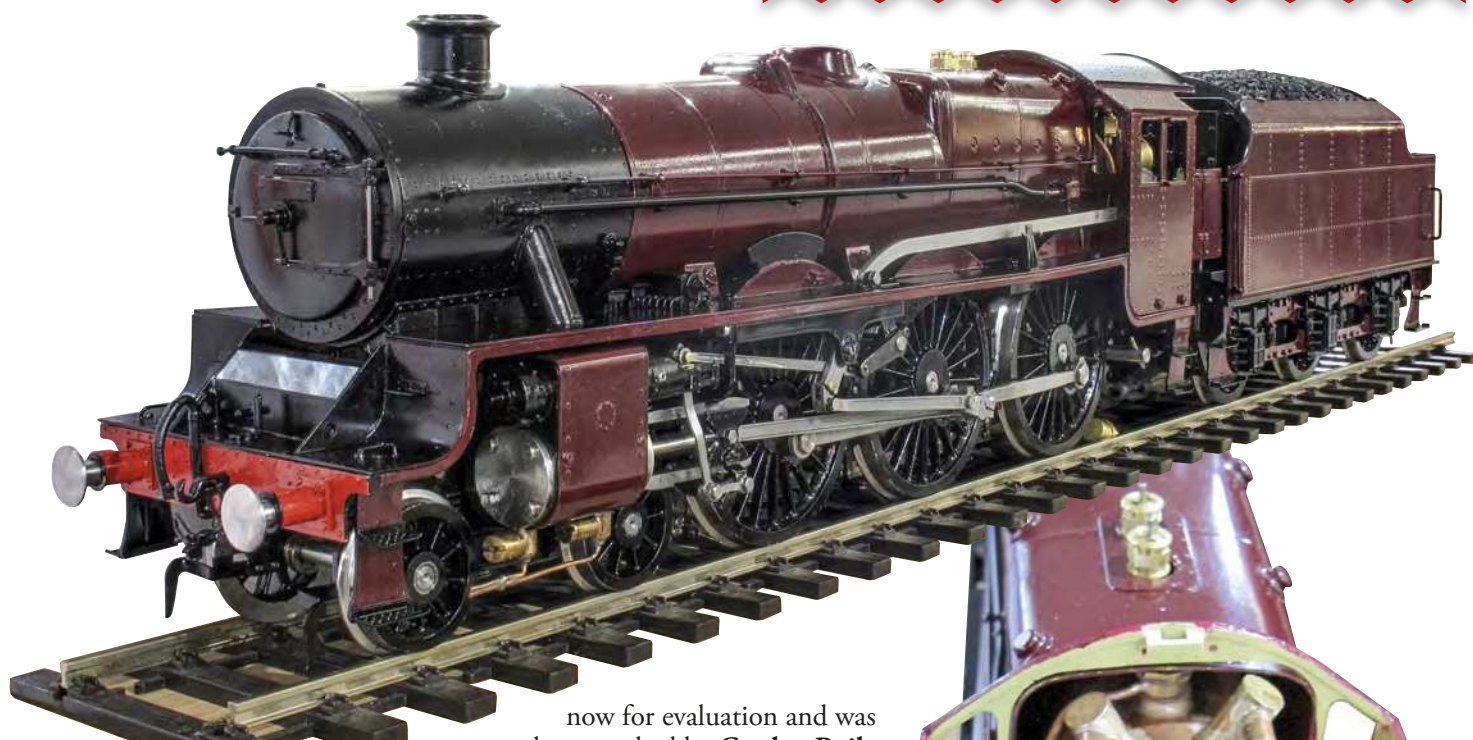


All Major Credit Cards Accepted By Post,
Phone And In Our Secure Online Shop



From the Works

Trade information on new products for the garden railway modeller...
If you are a trader with any new product, then contact phil.parker@warnersgroup.co.uk
Please mention **Garden Rail** when contacting suppliers



BOWANDE LIVE STEAM UK LTD

Gauge 1 Jubilee

Introduced by the LMS in 1934 the 191 members of the class were built at Crewe, Derby and by the North British Locomotive Company.

Bowande have chosen to model the long firebox version of the Jubilee with a high sided riveted Stanier tender which provides plenty of choice from the superb selection of names that adorned the class.

The model will be gas fired using the well proven Bowande Ceramic burner system and will have three cylinders, like the prototype.

An un-decorated sample, is in the UK

now for evaluation and was photographed by **Garden Rail** at the Midlands show. We will bring you images of decorated samples very soon.

The model is available on a pre order basis only, allowing a choice of any name and number combination on LMS Crimson Lake and British Railways Brunswick green liveries.

The locomotives are scheduled for UK delivery in September 2020, but with recent world events this may have to be revised.

Price: £3450, with a £400 deposit securing the name and number of the customers choice.



Bowande Live Steam UK

PO Box 788. Rickmansworth, WD3 0NT
www.bowandelivesteamuk.com

MODEL ENGINEERING COMPANY

7/8ths scale Diesel locomotive kit

Supplied as brass factory formed and fabricated parts and assemblies, the kit requires no soldering. All parts are assembled using nuts and bolts and requires the use of simple hand tools like screw drivers & Allen keys. The chassis is supplied pre-fabricated.

Each kit is complete and includes over 150 parts and assemblies.

Power is provided by a 12v high torque metal geared motor driving 1:54 brass bevel gears.

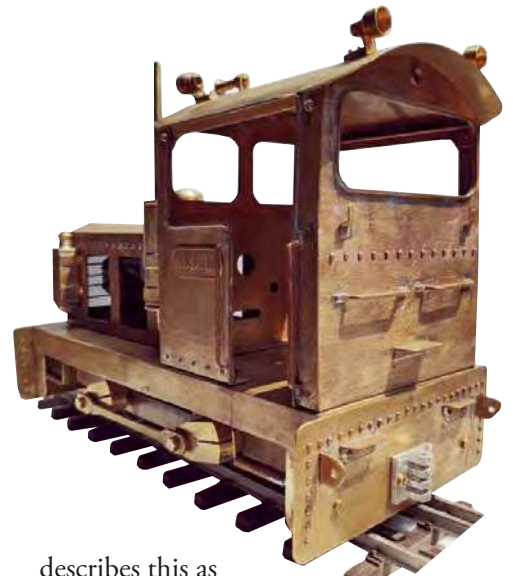
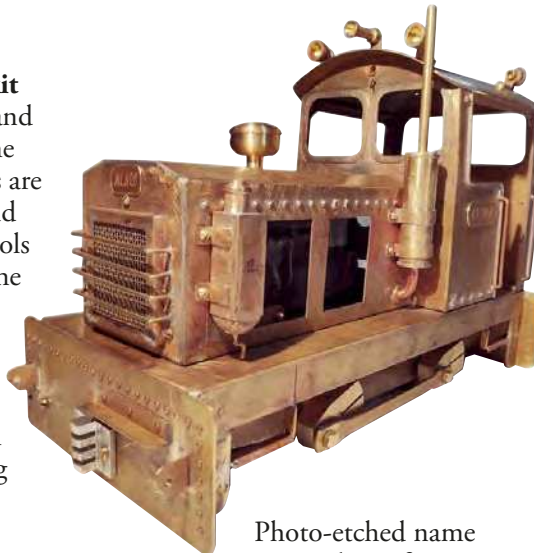


Photo-etched name plates, fasteners, all electrical components and switches, LEDs, window glazing, 3D printed dummy engine provide detail.

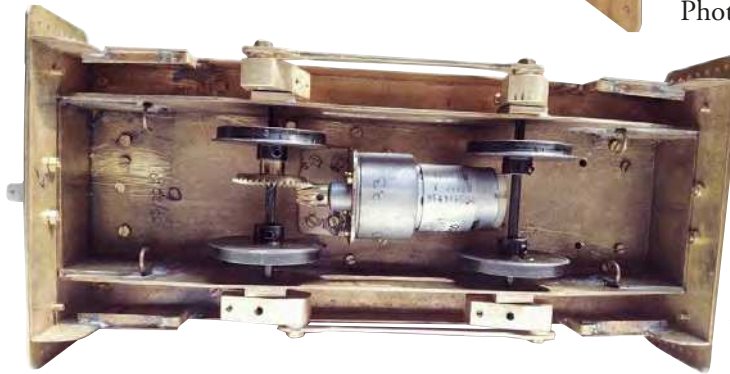
A comprehensive assembly instructions booklet is included. The manufacturer

describes this as an ideal weekend project for the intermediate level modeller.

Price (inclusive of shipping by UPS): £730

Model Engineering Company

47, Sankharitola Street,
Calcutta-700014, India.
www.pline.co.in



BRUNEL MODELS

1:32 Sand house and chimney

Made from hard wearing outdoor grade materials, machined using CNC technology. This process ensures perfect and accurate components which can be quickly assembled and glued together.

The kit comes complete with clear and precise illustrated instructions

Supplied as a flat-pack kit ready for assembly and painting.

- Length 270mm
- Depth 150mm
- Height 350mm

Price

Kit: £180

Assembled and painted: £325

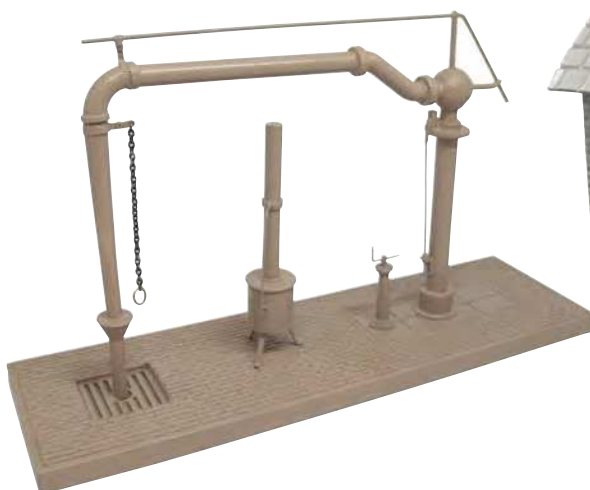
1:32 Water bowser

Made from the same materials as the building kits, the model shown is a prototype for a new water crane. The kit includes a fire devil to keep your pipes unfrozen.

Price: £175

Brunel Models

334 Wellington Street,
Long Eaton, Nottingham,
NG104JJ
www.brunelmodels.co.uk



BOLE LASER CRAFT

16mm scale locomotive shed

3mm Birch plywood construction with a plastic corrugated roof. 3D printed chimney pot.

The model can be built with the office on either side to suit the location.

Principle dimensions

- Length: 35 cm
- Width (over main building): 23 cm
- Width (over main and office): 33cm
- Height (to top of central smoke vents): 25cm
- Main door width: 13.5 cm
- Main door height: 16 cm

Price: £90



16mm scale Talyllyn three plank wagon

The model is based on one of the various 3 plank wagons used by the Talyllyn railway for the conveyance of general merchandise, coal, timber, fish and beer. Although originally thought to be unbraked as they were based on rebuilds of the railways 2 bar slate wagons, the designer found a photo of a prototype with brake gear fitted, so it is supplied to allow the modeller to choose.

A choice of couplings is included in the kit – either side dumb buffers and 3-link chain, a centre buffer. A pair of Penrhyn style wagon buffer are also included.

The kit is produced in plywood and 3D printed parts.

Price: £30

Bole Laser Craft

Yew Tree House, South Street, Bole, Retford, Nottinghamshire, DN22 9EJ
www.bolelascraft.com



WILLIAMS MODELS

Gauge 3 Three plank open wagon

Williams Models manufacture kits and parts for Gauge 3 model railways. While the rest of their range are based around one piece resin bodies for easy assembly, the latest kit is made of wood.

The North British Railway D77, LNER D SSA 6B 6/8ton three plank open "box" wagons were built from 1868 right through to 1913 (although later wagons were 5in wider), and they remained in service until 1955.

This is a Tony Riley body kit, with solid wood parts (not MDF or plywood) machined to shape so, for example, end stanchions are correctly tapered and planking details are on both sides.

Body details are plastic injection mouldings and the mechanical parts are all metal with steel W irons, brass



axleboxes and a few whitmetal details.

Only 20 kits will be made, so they are expected to sell out quickly.

Price: £125 complete with wheels.
Postage £11.

Williams Models

23 The Avenue, Wellingborough,
Northamptonshire NN8 4ET (Callers
by appointment only)
www.williamsmodels.co.uk



DESIGN SCAN PRINT 3D

16mm scale 3D printed figures

3D scanned from real people, the figures are supplied unpainted.

Price: £6.50 per figure

Design Scan Print 3D

www.designscanprint3d.co.uk

MODEL EARTH DESIGN

7/8th figures for charity

Si Harris at Model Earth has produced two figures, sold in aid of Austrian Firefighters. All fees have been waived

to ensure the maximum funds are raised.

Digger and Kylie are supplied in unpainted resin.

Price: £18.50 per figure

Model Earth Design

58 Greville Rd, Warwick CV34 5PJ
www.modelearth.co.uk



DIARY DATES

Date: 11 - 12 July

Event: 30th Anniversary Weekend

Address: Bure Valley Railway, Aylsham Station, Norwich Road, Aylsham, Norfolk NR11 6BW

Organiser (BVR): Bure Valley Railway – 01263 733858, also on Facebook

Organiser (16mm): alan.butcher34008@gmail.com - e-mails only please as I cannot be contacted via the BVR

Web: www.bvrw.co.uk

Times: 10.00-17.00 or until last departure from Aylsham if earlier

Prices: Free access to 16mm layout, normal prices for train rides etc.

Layouts: Aylsham Minor will be available for Association members to run on

Additional info: Bring a locomotive to run whilst the family ride the rails. Two Romney, Hythe & Dymchurch Railway locomotives will be visiting for the weekend. The previous Friday (10th July only) will be 'Steam Back in Time' event with 1990 fares for travellers.

Date: 5-6 September (Note: change of date)

Event: Steam in Miniature

Address: Bure Valley Railway, Aylsham Station, Norwich Road, Aylsham, Norfolk NR11 6BW

Organiser (BVR): Bure Valley Railway – 01263 733858, also on Facebook

Organiser (16mm): alan.butcher34008@gmail.com - e-mails only please as I cannot be contacted via the BVR

Web: www.bvrw.co.uk

Times: 10.00-17.00 or until last departure from Aylsham if earlier

Prices: Free access to 16mm layout, normal prices for train rides etc.

Layouts: Aylsham Minor will be available for Association members to run on

Additional info: Bring a locomotive to run whilst the family ride the rails. Two former Fairbourne Railway locomotives – Katie and Siân (from Windmill Farm Railway) will be visiting for the weekend.

Date: 3 October

Event: Llangollen Garden Railway Festival

Venue: Llangollen Royal International Pavilion, LL20 8SW

Times: 10am to 4:30pm

Admission: £7. Accompanied children under 16 free.

Web: www.lgrf.com

Date: 3 - 4 October

Event: Aylsham Model Railway Show (Saturday only event)

Address: Bure Valley Railway, Aylsham Station, Norwich Road, Aylsham, Norfolk NR11 6BW

Organiser (BVR only): Bure Valley Railway – 01263 733858, also on Facebook

Organiser (16mm): alan.butcher34008@gmail.com - e-mails only please as I cannot be contacted via the BVR

Web: www.bvrw.co.uk

Times: 10.00-17.00 or until last departure from Aylsham if earlier

Prices: Free access to 16mm layout, normal prices for train rides etc.

Layouts: Aylsham Minor will be available for Association members to run on

Additional info: Bring a locomotive to run whilst the family ride the rails.

Date: 14 November

Event: National Garden railway Show

Venue: Peterborough Arena, East of England Showground, Peterborough PE2 6XE

Times: 10am to 5pm

Admission: £12.50 on the door (under 18's and carers admitted free), however buying in advance (online from 9th December) will save you £2.00 per ticket.

Organiser: The Association of 16mm Narrow Gauge Modellers

Web: www.nationalgardenrailwayshow.org.uk

Additional Info: 19 layouts, in scales including 16mm to the foot, 7/8ths, 7mm narrow gauge, G, G1 and G3 running a mixture of live steam and electric powered stock. 100 trade stands including suppliers you simply don't see anywhere else as well as major manufacturers launching new products, information stands and heritage railways. Model of the Year Competition, Member to Member secondhand sales and lots more.



Locomotives running on the 16mm scale layout "Severn Mendip" at the Midlands Garden Rail show in March.

All events are published in good faith.

In light of current events, please check with the organisers before travelling a significant distance as Garden Rail can't be responsible for changes or cancellations. Please be aware that travel restrictions issued by the Government may also impact your journey.

To submit and event for publication, please e-mail phil.parker@warnersgroup.co.uk

SUBMISSION NOTES

Garden Rail welcomes articles submitted via posted disc, e-mail, Dropbox (or other large file sending system on-line). Please ensure that your name, e-mail address, telephone number and postal address for payment on publication are included. Send to phil.parker@warnersgroup.co.uk or to the contact address on the Contents page.

Articles should be submitted in MS Word or other word processing format. Please do not use fancy formatting or embed photos in the piece, these should be sent separately at the highest resolution possible and in JPEG format. Printed photos of a historic nature will be accepted. Captions for all photos should be included as part of the submission. You must own copyright to any material submitted.

Strikalite

3 Laurel Drive, Rugeley Road,
Burntwood, Staffordshire, WS7 9BL

Custom Battery Packs built to specification

Small Loco G 0/1 Gauge 3



Tel: 01543 683122 • Email: sales@strikalite.co.uk
Web: www.strikalite.co.uk

TONY Green STEAM MODELS

19 Station Road, Thorpe on the Hill, Lincoln, LN6 9BS
Telephone 01522 681989

NEW & RESTORED MODELS

Stationary engines, Mamod, Wilesco, SVS marine engines, MSS Locos, LGB Garden Rail, new & secondhand Mamod, Wilesco, Hornby Rocket spares available. I have large stocks of LGB, please enquire on new and secondhand. Obsolete spares can be made to order.

Send 4 x 1st class stamps for price list

SEE OUR NEW IMPROVED WEBSITE
www.tonygreensteammodels.co.uk
Email: tgs1@btinternet.com



The Line Side Hut

Qualität in der Eisenbahnmodellierung !



ZillertalBahn

Email: Enquiries@thelinesidehut.co.uk
www.thelinesidehut.co.uk Tel: 07523 024 887

AirFramed

Bespoke Glass Display Cases
www.airframed.co.uk



OO gauge, O gauge, Gauge 1 and Gauge 3 cases with mirrored or clear back wall.

Prices start from £35 plus P&P

Please call Nigel Julian on 07971 741478 or 01332 781795
Email: nigel@airframed.co.uk

Wood Valley Works



Ffestiniog Railway Quarrymen's Coaches

Types 1a, 1b, 2a & 2b
SM32 Gauge Only

True to scale with the correct underframes

01270 876882 or 07967 560988
sales@woodvalleyworks.co.uk
www.woodvalleyworks.co.uk

Malc's Models

Stockist of:

ACCUCRAFT • ARISTOCRAFT
BACHMANN • SPECTRUM • LGB
LILLIPUT • PIKO • SCENECRAFT



Open Mon-Sat 10am-5pm
Closed Weds & Sun

2-4 Pelham Street,
Ilkeston, DE7 8AR
Tel: 07786 896807
www.malcsmodels.co.uk
malcolmgrubey@btinternet.com

Harecroft

True 16mm Scale Models
and Detailing Parts
www.harecroft.co.uk



ADVERTISERS' INDEX	
ACCUCRAFT UK LTD	55
AIRFRAMED GLASS DISPLAY CASES	51
ANYTHING NARROW GAUGE.....	11
ASSOCIATION OF 16MM NARROW GAUGE MODLLERS	45
BARRETT STEAM MODELS LTD.....	41
BRUNEL MODELS	28
CAMBRIAN MODEL RAIL LTD.....	41
DREAM STEAM LTD.....	2
ELLIS CLARK TRAINS.....	5
FROME MODEL CENTRE	44
GARDEN RAILWAY SPECIALISTS.....	56
GAUGE 1 MODEL RAILWAY ASSOCIATION	41
GAUGEMASTER.....	15
GSCALE.CO.UK.....	44
HARECROFT	51
HATTON'S MODEL RAILWAYS	12, 13
I P ENGINEERING	45
JACKSON'S MINIATURES	42
JOHN SUTTON MODELS.....	42
KENT GARDEN RAILWAYS.....	14
KM1 MODELLBAU	4
LISIACRAFT.....	44
MALC'S MODELS	51
MAXITRAK LTD.....	44
MBV SCHUG.....	44
MICRON RADIO CONTROL	45
MIKE'S MODELS	43
MY LOCO SOUND	43
NORTH PILTON WORKS.....	44
OLD MILL FARMHOUSE.....	44
P & S HOBBIES & MODELS.....	43
RAILS OF SHEFFIELD	29
ROUNDHOUSE ENGINEERING	27
SMALLBROOK STUDIO	41
STRIKALITE.....	51
TEE PUBLISHING LTD	28
THE G SCALE SOCIETY	41
THE LINE SIDE HUT.....	51
TONY GREEN STEAM MODELS LTD.....	51
TRACKSHACK.....	42
VECTIS.....	27
WILSON LOCOMOTIVES	43
WOOD VALLEY WORKS	51



Letters are welcomed on any aspect of large scale railway modelling. Please e-mail the Editor: phil.parker@warnersgroup.co.uk or post to The Editor, **Garden Rail Magazine**, Warners Group Publications, West Street, Bourne, Lincolnshire, PE10 9PH

FILCRIS IN LAYOUT CONSTRUCTION

My experience with Filcris is a bit limited in that (for all sorts of reasons) work did not start in earnest until October, but my 'big plastic trainset' will be LGB supported by Filcris.

My approach is very much derived from 4mm experience, but I am also a civil engineer. A ground level layout would not work anyway. The garden slopes from house to back wall at about 1 in 12 but that wall, a garage and brickwork used for container grown summer flowers provide a secure fixing and level datum along two sides. The third side belongs to 'next door'

To be fair to Filcris, the guidance on their website does make it clear that steps must be taken to cater for thermal movement over and above that which would be normal in wood. It is also quite 'floppy' when a single piece is used on its own. However, as soon as you put in an overlapping plank, the combination stiffens a lot. The other key is triangular bracing, as shown in the attached photos.

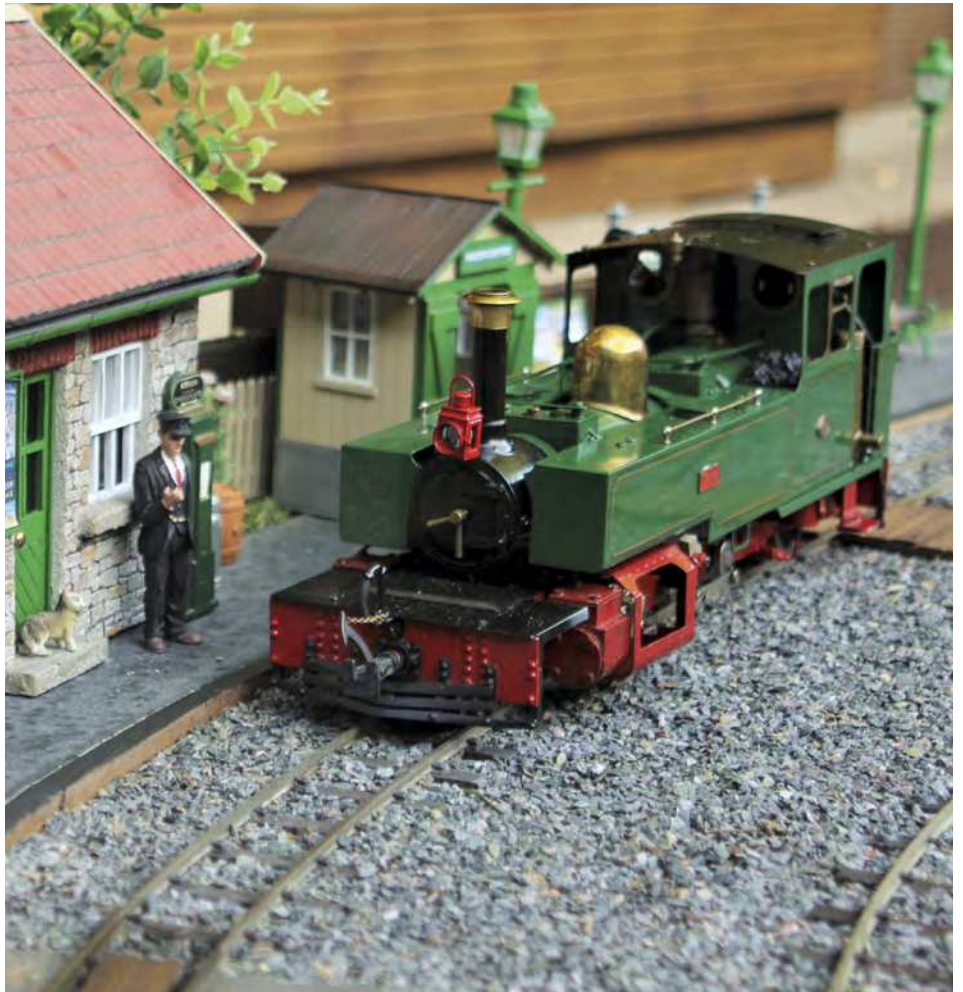
Of course, our glorious winter weather has been free of sun and warmth, but I will gladly provide feedback in the future if you think it helpful.

David Rockliff

I have just read the note from Richard Jenkins in **GardenRail 307** regarding the issues he has had using Filcris on his railway and thermal expansion/contraction.

While I am no expert in the science behind the thermal properties of Filcris, I can only pass on advice based on my own experiences using the material.

As I have outlined in my article, my railway is constructed using the 'ladder technique'. I have used support posts and spacers between the runners at regular (half a meter) intervals. I have also used track boards on top of the runners (made from the same density



Filcris), and these have a width of 75cm and have gaps in-between. The construction is solid, and while this may seem over engineered for a track that is essentially at ground level I have so far had no issues with heat expansion- and the railway has been down for about 4 years.

The Filcris I have used is the very dense brown coloured material - <https://www.filcris.co.uk/category/garden/garden-railway-products/ladder-frame-kits-and-components>

As I mentioned, my line is very close to the ground (at its highest point it's about a foot). It runs around the edge of the garden, next to the garden fences on either side. I have noticed that even in the middle of summer, the track is never in direct sunlight for long periods of time. As the sun moves around the

garden from morning to evening, the fences provide shade throughout the day. I am sure this also helps prevent any major heat expansion of Filcris material. The majority of my Filcris trackbed is also buried or hidden with soil, planting and rockery etc to hide it as much as possible and the uPVC edging profile and ballast also helps to keep the heat off the Filcris.

When I constructed the railway, I did this over the winter months- I remember it was pretty cold! So any Filcris used was in its 'non-expanded' state when delivered.

I do hope these notes are of use to you, and I would be happy to try and help further if I can- perhaps after seeing some photos of your line.

Rob Goulding

DPDT SWITCH

I liked the article on budget radio control, I do have a query.

You mentioned a “sub miniature mini Toggle switch DPDT with on off on capability”. I failed to source these a couple of months ago and tried Google/ eBay again today with no success. I should explain that to me (and the Component Shop Llanwrst) sub miniature means rough 8mm x 8mm x 12mm. If that is what you are referring to could you tell me where you got one?

I need the centre off as it's for a forward, stop reverse switch for my granddaughter's 'mall Thomas', not the Bachmann one, and would allow conversion without too much butchery

Ray Waters

Editor: I passed Ray's e-mail over to the articles author, Chris New, to see if he could help.

I'm glad you liked the article and I hope it has encouraged other people to have a try at the dark art of RC. When I first started out a lot of people were very helpful with helping me solve problems and I thought it would be nice to share the knowledge they gave to me.

For those struggling to find the DPDT switches on eBay, due to the way sellers put in lots of different descriptions when you search for an

MODEL TOWN'S THATCHED COTTAGE – ERRATA

For some reason when building and reviewing this cottage kit, I used the wrong chimney from the one that is supplied.

I put small parts in a container so I do not lose them and I grabbed a chimney from there which looked very similar to the one supplied with their Corris cottage kit, thinking this was correct. Well it was not!

The actually chimney supplied is a much nicer mould in fact. I realised my mistake too late before this article went to print, but have now replaced the chimney on the cottage with the correct one.

Apologies to Modeltown as I know they have made great strides over recent years to improve the quality of these detailing parts and I apologise

directly to them for getting it wrong on this occasion. A picture of the correct chimney is shown here. Where that erroneous chimney came from is still a bit of a mystery however!

Mark Thatcher -
Buildings & kits
columnist



item to help boost their sales, here is the search I used “5pcs AC 125v 6A 3 position DPDT ON-OFF-ON Micro Mini Toggle Switch” The seller was called “misterfred1”. The size of the base is 13 x 12 x 9mm and the price was £4.25 including free postage.

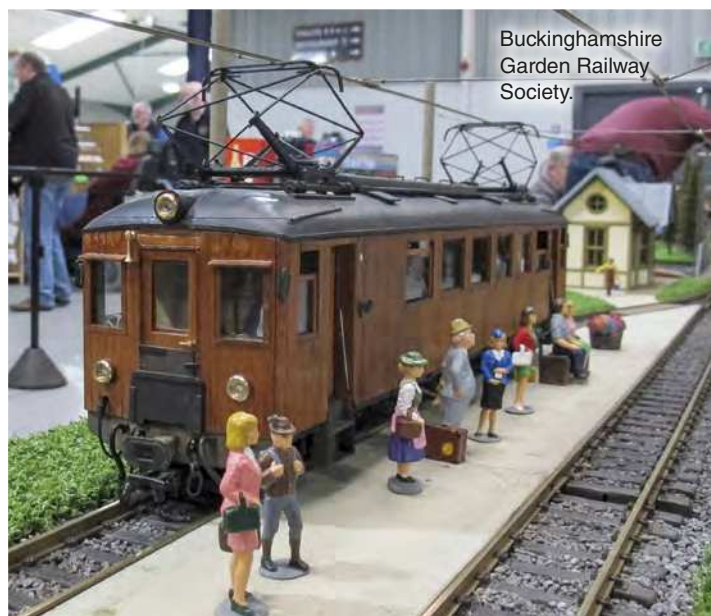
A smaller switch is available, 8 x 8 x 5mm base if space is at a premium, from the seller “led-essential” or try a search for: “ON-OFF-ON Subminiature Sub

Mini toggle switch SPDT”. These are rated at 1.5 Amps 250v AC which will be plenty for your project loco. These were priced at £1.39 each or £3.99 for five including free postage.

Both sellers are UK based and you should get the items within a couple of days. If you go for the SPDT switch the article explains the different wiring to use.

Chris New

Seen at the Midlands Garden Rail show



Plum Tree Lane crossing



Keith Wilson relives some happy memories on his line.

Garden Rail Resource

Modeltown

Beecholme, 6 Station Road, Halton
Holegate, Spilsby, PE23 5PB
www.modeltown.co.uk

Please mention **Garden Rail**
when contacting suppliers.

For me, level crossings conjure up happy childhood memories. Not the modern type with automatic barriers, flashing red lights and TV cameras, but the old fashioned ones with wooden gates, a signalman and a signal box. I remember the excitement of hearing the bell chime and the clunk of the hand wound wooden gates as they closed across the road to make way for the approaching train.

Each afternoon before teatime I'd cycle down to one such level crossing at Littlefield Lane in Grimsby with my schoolmates to see what was hauling the London train: usually a class 47 diesel,

but sometimes it was a 'namer' or even a mighty Deltic. I guess these nostalgic memories were the subconscious driving force for Plum Tree Lane level crossing on my own line, the Waltham & Lincolnshire Coast Railway.

I chose the location of my level crossing to be in one corner of the back garden, under a small Victoria plum tree. It's a single track section where photos can be taken from a low down position without including real world features such as the back door or garden furniture. It's only about 12" from the fence so I try and position slow growing small leaved evergreen

plants such as box hedging to provide a green background.

Like my trackbed base, Plum Tree Lane is made from concrete. I mixed it fairly stiffly so that a realistic camber could be formed on the road surface. Before the concrete had set, I sprinkled a layer of black silica sand into it to give the impression of tarmac. I guess concrete colouring powder would have been better but I just used what was at hand.

The gates and posts are a resin kit from Modeltown. To fix the posts in position I drilled 6mm diameter approx vertical holes up into each resin gate post base and then used a short piece of copper tube set into the hole and then into a corresponding hole in the concrete. This gives the posts a secure fixing but allows for easy removal when an occasional repaint is required.

The signal cabin was a pre owned resin kit and gifted to me by a friend.

I made the slate walls myself using slate mulch chippings that I washed, dried and stuck together with silicone, with the Editor's permission, I'll explain this in a later issue.

I leave all my buildings permanently outside and enjoy seeing the railway even when trains aren't running. In the future I hope to add some LED lamps to the gates and a light inside the hut. ■



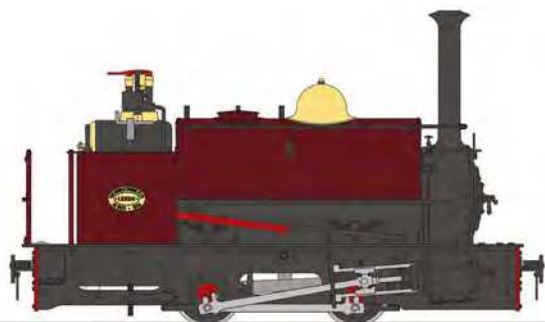
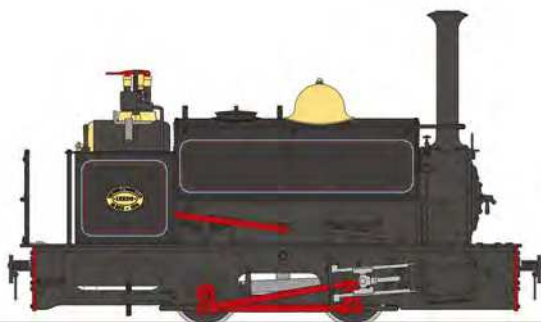
ACCUCRAFT UK LTD

LIVE STEAM & ELECTRIC LOCOS AND ROLLING STOCK FOR GARDEN RAILWAYS

NEW FOR 2020! 1:19 SCALE QUARRY HUNSLET

As soon as we had a chance to run *Dolgoch* last March we realised that the design brief for this small locomotive had produced an almost perfect balance of performance and duration and, having instinctively avoided some of the smaller designs, the possibilities for new engines were now numerous. With Tallylyn No.1 designed and signed off we immediately re-drew our 7/8ths" Quarry Hunslet as a 16mm model, a design whose characteristics will be much the same as the TR models and should prove to be a real crowd-pleaser.

The more generous proportions of the 'Large' type Quarry Hunslets will prove beneficial to the locomotive's run-time although to avoid compromising the look of the model we will only be offering it in 32mm gauge. The model is gas-fired and fitted with a water top up valve, water check valve, miniature pressure gauge; constructed of stainless steel and etched brass with a copper boiler, the model will, as usual, be covered by our two-year warranty. The anticipated UK RRP is £1595.00 (subject to the usual provisos), available Q3 2020.



I.O.M. 'E' Van



I.O.M. 4 Wheel Coaches



L&B Howard Van



L&E Bogie Van



1:13.7 KS Wren 0-4-0ST



1:19 'Dolgoch' 0-4-0T



I.O.M. 'Mona' 2-4-0T



1:32 'Victory' 0-6-0T



1:32 BR Mk1 Coaches



1:32 Oil Tanker



1:32 Mineral Wagon



1:32 7 Plank Wagon



For details of our complete range of models visit our website – www.accucraft.uk.com
ACCUCRAFT UK LTD, UNIT 4, LONG MEADOW INDUSTRIAL ESTATE,
PONTRILAS, HEREFORD, HEREFORDSHIRE, HR2 0UA
TEL: 01981 241380





Garden Railway Specialists

Available from Stock now, these superb and great value 5 inch gauge live steam models.

Designed and guaranteed in the UK and batch produced by Bowende, there's no easier way to experience real coal fired steam. Choose from; -



KINGSCALE

'Evening Star' **£13995.00**, A4's 'Mallard' (Garter Blue) or 'Golden Eagle' (Apple Green) both at **£14995.00**.

Or our last GWR 1366 Pannier at only **£4995.00**

Alternatively we will be taking delivery of



two 1/6th scale Allchin Traction Engines priced at **£6995.00 very soon!**



Available now from LGB

RhB Ge6/6's
L22062 **£1513.66**
L22061 **£1470.00**



L22062



L22061

Our last available Electric 'Mona' £1325.00



Rare and High Quality Second Hand Available now!

Live steam

Accucraft 2 cylinder Shay, 45mm, Manual - Mint condition £2195.00

Accucraft 3 cylinder Shay, 45mm, Manual - Mint condition £2499.00



Electric GRS Double Fairlie 32mm, Track power - excellent condition £1395.00



Garden Railway Specialists Ltd
Station Studio, 6 Summerleys Road, Princes Risborough, Bucks, HP27 9DT
E-mail: sales@grsuk.com Website: www.grsuk.com Tel: 01844 - 345158
Monday - Friday 09:00 - 17:30hrs Saturday 10:00 - 16:00hrs