NOVEMBER 2013 CONTINENTAL MODELLER

CONTINENTAL MODELLER

NOVEMBER 2013 | £4.45 (UK)

FEATURING RAILWAYS FROM AROUND THE WORLD EACH MONTH

VOLUME 35

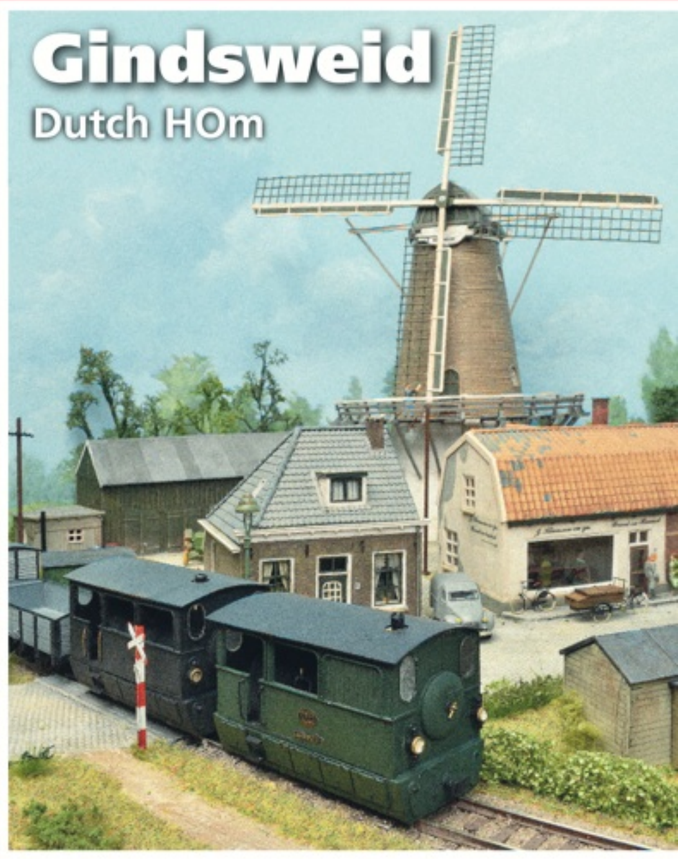
Graubündenbahn
Swiss HOm



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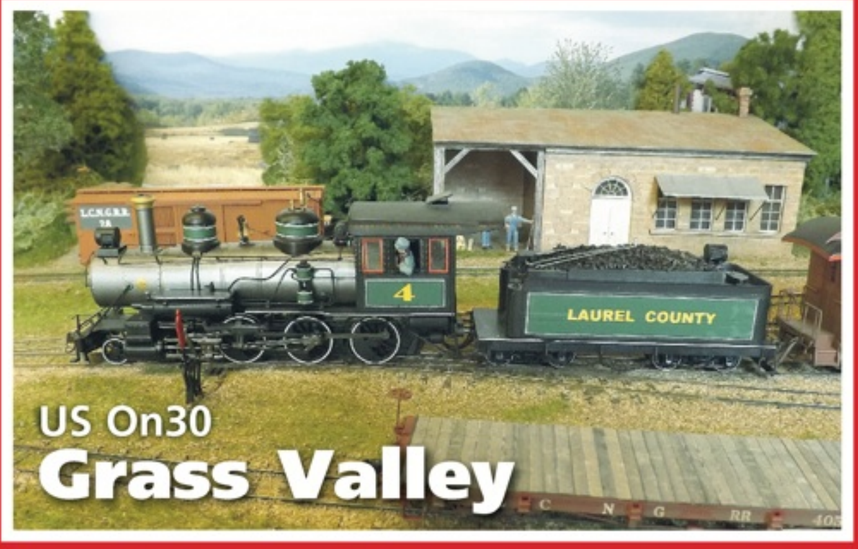
Inside this issue...

Gindsweid
Dutch HOm





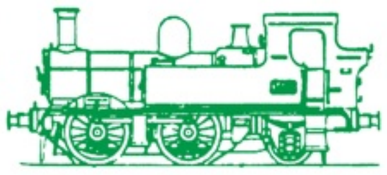
St.Nichlaus Swiss HO



US On30
Grass Valley

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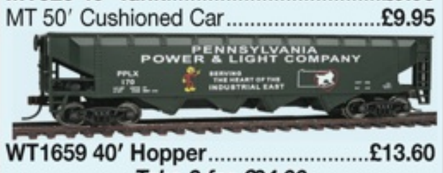
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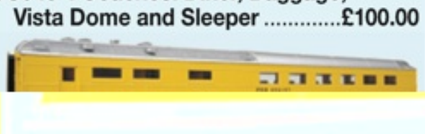
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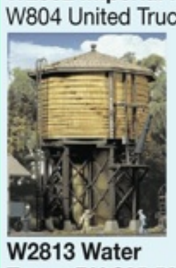
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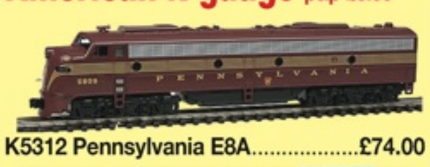
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November 2013
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RAILWAY MODELLER
For all modelling British railway practice.
Published on the second Thursday of the preceding month.





Cover
On the Graubündenbahn, a Rhätische Bahn freight waits at Schiers station.
Photo: Arend Jan Hermsen.

Layout special? Special layouts!

We were tempted to subtitle this issue 'layout special' as, rather unusually, all the articles are about finished layouts. There is a very good reason for this – five of them will be at the Warley MRC show at the National Exhibition Centre at the end of this month. We make no apologies for this, as all merit inclusion in their own right, and the variety of topics is representative of our usual broad scope. It also underlines the quality and range to be seen at the Warley NEC show. As usual, we also opted to offer full accounts of each layout supported by a good selection of illustrations rather than tantalising tasters. It might be argued that if you have read an article which describes the layout comprehensively, there is no need to go and see it! But however good the presentation, it cannot substitute for the three-dimensional reality, and of course the operation. And although we have featured no fewer than five of the NEC layouts, the full list of foreign attractions is much longer and more varied:

Shinso Mizu	Japanese Z	Norman & Meg Raven (in this issue)
Rheingauz	German Z	David & Iris Guscott (CM October 2012)
Graubündenbahn	Swiss HOm	Niek Talsma, from The Netherlands (in this issue)
Gindsweid	Dutch HOm	Gerbrand Haans, from The Netherlands (in this issue)
Hintertuplingen	German HO	John Davies (structures already featured in CM)
A modular German HO layout to Fremo standards, from Germany		
Thanasse	Belgian O	Modelspoor Atelier Oostkamp, from Belgium
Harz	German G	Mike Heaven and friends
B.A.Bodil	Swiss G > Z	Modelspoorgroep Valkenswaard, from The Netherlands (CM September 2011)
Roestok	South African OO9	Ian Turner (part of the OO9 Society 40th anniversary)
Java 1946	Indonesian Oe	Paul De Groot, from The Netherlands (in this issue)
Iguana Government Railways	3/8":1'	Mike Bartleet
Charlieville	American N	Christine Hogg
Sandwell County	American N	Warley MRC
Fulton Terminal	American HO	Andrew Browne (CM February and March 2010)
North Haston	American HO	Chris Gilbert
Grass Valley	American On30	Peter Smith (in this issue)
Cascade Yard	American On3	Bob Harper
Western Avenue	American O	J.H.Dodd

We could (given time!) have produced a much larger edition, but this would not have been economically viable in what is a niche market with specialist appeal. To justify more pages, we need more readers, so if you would like to see more in the magazine, encourage other modellers to buy a copy! It will be back to the normal 'balanced diet' next month.

Do not forget that the show will also include specialist suppliers, many of them advertisers in CM, offering opportunities to see the goods – and be tempted!

The Harz G scale display listed above will be appearing even though the team co-ordinator, Mike Heaven, passed away recently.

Other sad departures in recent weeks include Alan Elliott of the Chatham club, latterly involved with the US N layouts *Weeks River Junction* and *Elliotts Bluff*; Tony Mortlock, narrow gauge enthusiast and modeller, an early supporter of CM, whose East German 6mm scale n.g. layout *Oggelsitz* was in the November 1994 edition; and Tom Birch, co-founder of the Scandinavian Railways Society (his Danish HO *Sjaelsberg* was in CM August 2008) – this was a particular shock as he seemed to have made good progress recovering from a serious illness when last we met. Our sympathies to all their families and friends.

CONTINENTAL MODELLER

November 2013
Volume 35
Number 11



Contents

714 GRAUBÜNDENBAHN – RAILWAY OF THE MONTH
Niek Talsma sees his scenic Rhätische Bahn HOm layout as a souvenir of holidays in Switzerland, combining several characteristic features and a wealth of detail.

724 GINDSWEID
With this typical Dutch rural landscape, Gerbrand Haans has created a 'still life painting' – with moving trains! The beautifully crafted HOm diorama belies its size.

732 JAVA 1946
Paul de Groot describes his new Indonesian layout, an unusual exercise in Oe, which was inspired by a particular archive photograph.

738 GRASS VALLEY
Peter Smith explains how his new American On30 layout changed its identity during the planning process and now depicts narrow gauge in 1930s California.







746 **SHINSO MIZU**
Norman Raven introduces his new Japanese Z layout which provides a scenic winter setting for selected stock.

754 **ST.NICHLAUS – PLAN OF THE MONTH**
Roger Ellis describes his new Swiss HO layout, a terminus with intensive operation and a wide variety of trains, including Austrian and German stock.

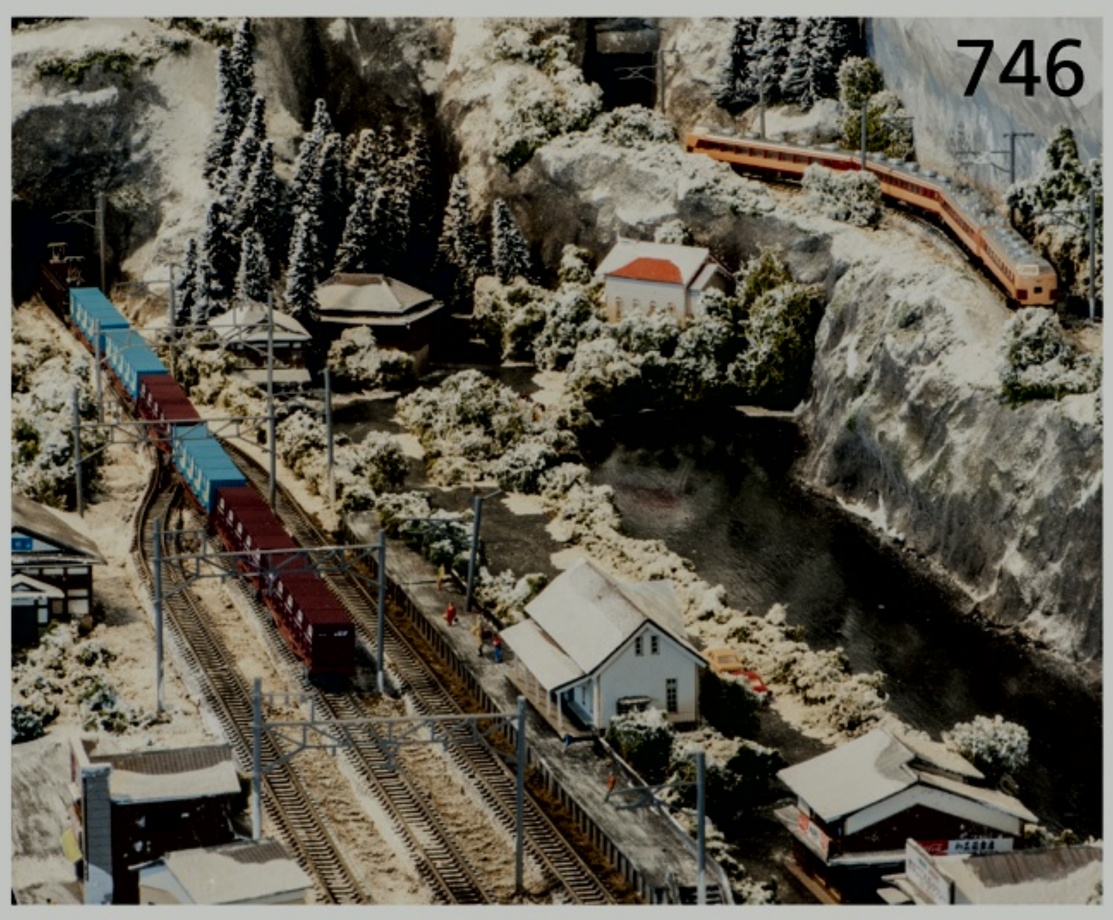
762 **LATEST REVIEWS** including
Fleischmann HO DB BR141 electric
Märklin HO early DB coal train
Modellbau Veit HOe DR 99 4052 0-8-0T+T
Ferro Train HOe Heeresfeldbahn HF200D 0-8-0 diesel

768 **BOOK REVIEWS**

770 **EXHIBITION DIARY & NEWS**



738


746



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507152	*DR Compartment Coach III	£40.50
507153	*DRG 2 Axle 3rd Class Compartment Coach II	£40.00
**507304	DR 2nd Class Coach IV	£24.95
**507501	DR 2nd Class Coach IV	£24.95
**507603	DR 2nd Class Coach IV	£24.95
**507703	DR 2nd Class Coach IV	£33.50
507801	DB Cif Push Pull Control Coach III	£63.00
507881	DB 2nd Class Control Coach III	£71.00
509002	DB Luggage Wagon III	£36.00
509102	DB 1st/2nd Class Coach III	£36.00
509202	DB 3rd Class Coach III	£36.00
509601	DB 3rd Class Coach III	£79.00
509701	DB 2nd/3rd Class Coach III	£79.00
509801	DB 3rd Class Coach III	£79.00
**5150	DRG Express Baggage Car (Epoch II)	£39.95
5152	DRG Express Composite Car (Epoch II)	£47.50
515302	DRG 3rd Class Express Coach II	£51.00
563003	DRB Baggage Coach II	£49.00
563102	DRB 1st/2nd Class Coach II	£49.00
563204	PKP 2nd Class Express Coach III	£46.50
563205	DRB 3rd Class Coach II	£49.00
563206	DRB 3rd Class Coach II	£53.00
563301	DSG WR4u-35 Dining Coach III	£54.00
563302	PKP Express Dining Coach III	£49.50
563303	DR MITROPA Restaurant Coach II	£53.00
563501	DRB 2nd/3rd Class Coach II	£49.00
**563603	DB PwPost 4u-28 Four Axle Mail/Luggage Coach III	£39.95
**563604	DRG PwPost 4u-28 4 Axle Mail/Luggage Coach II	£39.95
5638	DB 1st Class Express Coach	£67.00
**564101	DB 1st/2nd Class Coach III	£24.95
564203	SVG 2nd Class FLEISCHMANN Silberling Coach VI	£44.00
567601	SNCF 1st/2nd Class Coach III	£54.00
**567703	DRG 3rd Class Express Coach II	£44.95
567707	SNCF 2nd Class Coach III	£54.00
567708	SNCF 2nd Class Coach III	£54.00
568701	NS 4 Axle 3rd Class Compartment Coach III	£44.00
568802	NS Postal Wagon	£44.00
569001	NS 4 Axle 3rd Class Compartment Coach III	£44.00
577401	DR Pwi-27 Luggage Coach IV	£34.50
**578002	DR Baggage Coach IV	£44.95
**578201	DR Express Coach IV	£34.95
**578301	DR Express Coach IV	£34.95
**578302	DR B4u 2nd Class Express Coach IV	£34.95
580901	KPEV 1st/2nd Class Express Coach I	£58.00
580902	DSG Restaurant Coach I	£54.00
580903	KPEV 3rd Class Express Coach I	£54.00
580904	KPEV Sleeping Coach I	£58.00
581001	DRG Baggage Coach II	£45.00
581002	DRG 2nd Class Compt Coach Brakemans Cab II	£49.50
581003	DRG 3rd Class Compt Coach Brakemans Cab II	£49.50
581004	DRG 3rd Class Compartment Coach II	£49.50
581006	DRG 2nd/3rd Class Compartment Coach II	£49.50
581007	DRG 3rd Class Compartment Coach II	£49.50
581101	KBaySts Local Train Coach Set (4) I	£115.00
581104	DB Fritz Homann Goods Wagon Set (2) III	£54.00
581111	KPEV Hospital Train Coach Pack (3) I	£90.00
581206	KPEV Ambulance Coach Set (3) I	£110.00
581208	KME Coach/Wagon Set (3) I	£88.00
581209	DR Track Transport Wagon Set (3) IV	£67.00
581210	DR Gravel & Digger Wagon Set (3) IV	£71.00
581212	RAG Side Discharge Hopper Set (3) III	£98.00
581213	DB Talbot Loaded Weathered Hopper Set (3) III	£88.00
581305	*KPEV Hospital Coach Set Part 4 (3) I	£110.00

HO SCALE WAGONS

520903	ELSAB Stake Wagon II	£26.00
520904	*DRG Stake Wagon with Brakeman's Platform II	£26.00
520905	*DRG Stake Wagon with Brakeman's Cab II	£27.00
**520951	DB Stake Wagon III	£19.95
520952	DR Stake Wagon III	£26.00
**520954	OBB Stake Wagon Set (2) III	£49.95
521103	DRG Schwerin Coal Wagon Set (2) II	£53.00
**521604	DB Open Wagon Set (2) III	£49.95
521605	DSB Open Wagons with Tarpaulins Set (2) III	£49.50
521606	DSB Open Wagon with Tarpaulin Load Set (2) III	£49.50
521607	DB Flat Wagon with Tarpaulin Load Set (2) III	£49.50
521609	NS Open Wagon with Brakemans Cab I	£22.00
521801	DBAG Flat Wagon with Fleischmann Van Load VI	£25.00
522005	DR Acid Wagon with Brakemans Platform IV	£24.75
522102	LAB Acid Tank Wagon wiith Brakeman's Cab I	£26.00
522104	DRG Acid Wagon with Brakemans Cab II	£26.50
523608	DRG Flat Wagon with Military Load II	£44.00
523609	DRG Flat Wagon with Military Load II	£45.00
523610	DRG Flat Wagon with Military Load II	£45.00
524104	*DSB Danske Fragmaend Container Wagon VI	£45.00
524105	*NSB DB Schenker/Bring Container Wagon VI	£45.00
524106	*SJ Green Cargo Container Wagon VI	£45.00
524107	SBB DSM Xantar 40' Container Wagon VI	£45.00
524602	NS Container Wagon VI	£45.00
525602	PKP Stake Wagon III	£24.75
525603	DRG Stuttgart Stake Wagon Set w/Army Load (2) II	£80.00
525604	DRG Stuttgart Stake Wagon with Army Load II	£44.00
526002	FS Open Wagon II	£20.75
526003	DB O10 Open Wagon III	£22.00
526201	SNCF Low Sided Wagon III	£26.50
526202	SNCF Low Sided Wagon IV	£27.00
526301	SNCF High Sided Gondola III	£26.50
526302	SNCF High Sided Gondola IV	£27.00
528001	DBAG Rolling Road Wagon V	£22.00
528304	DBAG High Sided Gondola V	£22.00
528305	SBB High Sided Gondola V	£22.00
528306	FS High Sided Gondola V	£22.00
528307	OBB High Sided Gondola V	£22.00
528308	NS High Sided Gondola V	£22.00
528314	FS High Sided Gondola with Brakeman's Platform V	£27.00
528501	DRG Flat Wagon with Military Vehicle Load II	£49.50
530001	DR Pwg Caboose IV	£34.50
530803	DB Dresden Box Wagon III	£26.50
531003	DSB Box Wagon III	£33.50
531004	FS Box Wagon IV	£27.00
531402	FS Box Wagon III	£27.00
**531602	SOB Box Wagon III	£22.95
531801	DB Gmhs Van with Working Tail Light	£40.50
532601	DB Transthermos Refrigerated Wagon IV	£31.00
532602	DB Holsten Refrigerated Wagon IV	£31.00
533004	PKP Box Wagon with Brakeman's Cab III	£26.50
533006	DR Gr Box Van III	£27.50
533101	DRG Box Wagon II	£26.50
533401	CSD Sliding Roof Wagon IV	£31.00
533705	DBAG Sliding Wall Wagon (2) VI	£58.00
533706	OBB Sliding Wall Wagon VI	£29.50
**533707	DB Sliding Wall Wagon Set (2) IV	£54.95
533708	DB Degussa Sliding Wall Wagon Set (2) IV	£63.00
534146	*Meteor Beer Wagon I	£26.50
535303	SNCB Spa-Pier-Rot Box Wagon III	£26.50
535304	SNCB Spa Box Wagon III	£26.50
535603	FS Box Wagon III	£27.00
535604	DRG G02 Stettin Box Wagon II	£26.50
535702	FS Van with Brakeman's Cab II	£33.50
535801	DRG Box Wagon with Brakeman's Cab II	£30.50
535802	DB Van with Brakemans Cab III	£31.00
535803	OBB Van with Brakemans Cab III	£31.00
536001	CFR Box Wagon with Brakeman's Cab II	£29.00
536803	DRG Baggage/Freight Car II	£32.50
536804	KPEV 3rd Class Guards Coach I	£32.50
537101	DBAG Sliding Wall Wagon Set (3) VI	£80.00
537502	DBAG Railion Deutschland Sliding Wall Wagon VI	£29.50
537503	DBAG Railion Logistics Sliding Wall Wagon VI	£29.50
538001	SNCB Wielmans Beer Wagon w/Brakeman's Cab III	£34.50
538003	KPEV Wagon Set (2) I	£62.00
538004	DRG 3 Axle Fisch Brau Beer Wagon II	£35.50
538005	SNCB Bh Caulier Beer Wagon III	£34.50
538202	PKP Generator Coach III	£44.00
538281	KPEV Boiler Wagon I	£81.00
538283	DRG Generator Coach II	£88.00
541301	SNCB FINA Tank Wagon III	£29.00
542606	DB Aral Tank Wagon III	£29.50
542609	DSB DFO Tank Wagon Set (2) III	£58.00
542611	Potts Tank Wagon III	£32.00
542615	DBAG OnRail Tank Wagon VI	£30.50
542616	DR VEB Tank Wagon IV	£30.00
542617	DB Bolte & Co Tank Wagon III	£30.00
542901	*DR VEB EVW Schwedt Tank Wagon III	£30.00
542903	DB Chemfa Tank Wagon	£29.00
543706	CFR Tank Wagon Set (2) II	£62.00
543712	NS Shell Tank Wagon III	£30.50
543713	FS Fuel Oil Tank Wagon II	£31.50
543714	Lubecker Olmuhle Tank Wagon I	£30.00
543716	DRG Derop Tank Wagon II	£30.00
543717	DR NITAG Tank Wagon III	£30.00
543902	FS Caustic Soda Tank Wagon II	£31.50
544201	PKP Tank Wagon with Brakemans Cab III	£29.00
544503	DSB BP Tank Wagon Set (2) III	£59.00
544904	CFR Bragadiru Beer Wagon II	£31.50
545501	DRG WKW Wine Tank Wagon Brakeman's Cab II	£29.00
545502	KBayStsB Wine Tank Wagon with Brakeman's Cab I	£29.00
545503	SBB Wine Barrel Tank Wagon III	£29.00
545507	*DRG Weinwagen Metzger Berlin Wine Wagon II	£31.00
547203	*SNCF Millet Bogie Tank Wagon VI	£35.50
550601	PKP Talbot Hopper III	£31.00
550602	DRG Talbot Hopper II	£31.00
551501	DB Hopper III	£36.00
556701	DR VEB Track Cleaning Wagon III	£34.50
556702	DB FLEISCHMANN Track Cleaning Wagon III	£34.50
562081	*DBAG Bi-Level Coach V	£80.00
562701	DBAG 1st/2nd Class Bi-Level Coach V	£64.00
590101	DB Ludwigshafen Gondola III	£26.50
590102	KBaySts Ludwigshafen Gondola I	£27.00
590103	DB Ludwigshafen Gondola Set (3) III	£94.00
590104	*KBayStsB Wagon Set (2) I	£53.00
590105	*DRG Ludwigshafen Open Wagon II	£26.50
590106	*Pfalzbahn Ludwigshafen Open Wagon I	£26.50
593901	DR Box Wagon III	£26.50

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6101	Profi Track 200mm Straight	£2.75
6102	Profi Track 105mm Straight	£2.75
6103	Profi Track 100mm Straight Track	£2.75
6106	Profi Track 800 mm Flexi Track	£9.25
6107	Profi Track 10mm Straight	£3.30
6109	800mm Ballasted Flexi Track (Concrete Sleeper)	£9.25
6110	Profi Track Extender Track	£11.50
6111	Profi Track Electric Uncoupler	£24.75
6114	Profi Track Uncoupling Track	£9.25
6116	Profi Track Buffer Stop	£7.25
6117	Profi Track Clip On Buffer Stop	£5.50
6120	Profi Track Curved Track 36	£3.30
6122	Profi Track Curved Track	£3.30
6125	Profi Track Curved Track	£3.55
6127	Profi Track Curved Track 18	£3.30
6131	Profi Track Curve Track 18 Radius 3	£3.55
6133	Profi Track Curve Track 18 Radius 4	£3.55
6138	Profi Track Special Curve for use with Points	£3.55
6139	Profi Track Turntable Curve	£3.90
6152C	Profi Track Profi Turntable	£345.00
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6154C	Profi Track Small Turntable	£315.00
6155	Profi Track Extension for Turntable	£18.50
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6171	Profi Track R/H Point	£19.75
6174	Profi Track L/H Curved Point	£23.25
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6178	Profi Track High Speed Point	£33.50
6179	Profi Track High Speed Point	£33.50
6190	Profi Track Track Pack B	£110.00
6191	Profi Track Track Pack C	£92.00
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6193	Profi Track Track Pack E	£115.00
6194	Profi Track Track Pack F	£155.00
619501	Electrification Set	£49.00
6197	Profi Track Level Crossing	£12.25
6199	Profi Track Reverse Loop Set	£32.00
6410	Screws (1Gross)	£10.50
6430	Track Feed Clip	£4.25
6431	Single Feed Clip	£3.10
6433	Isolating Joiner (12)	£3.55
6436	Metal Rail Joiners PROFI (20)	£5.75
6437	Adaptor Rail Joiners	£6.00
644110	Point Motor Left	£14.50
644210	Point Motor Right	£14.50
6444	Uncoupler Motor	£17.75
6900	Point Switch	£11.50

HO POWER AND CONTROL

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6755	Controller/Transformer	£96.00
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685301	DCC Decoder 6 Pin Plug No Lead	£16.75
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685401	DCC Decoder 6 Pin Plug	£22.00
685403	N Gauge NEM 651 1A Decoder w/Railcom	£31.00
685501	DCC Decoder with 6 Pin Plug	£16.75
685503	N Gauge NEM 651 1A Decoder w/Railcom	£31.00
686403	Function Decoder	£22.00
686702	MultiZentrale with MultiMaus	£450.00
686703	MultiMaus	£195.00
687301	DCC Decoder 6 Pin Plug No Lead	£17.75
687303	6 Pin Decoder	£31.00
687403	6 Pin Decoder	£31.00
687503	8 Pin Decoder	£31.00
6889	Loco Net Connector Cable	£4.85
69685401	DCC Decoder without Plug	£38.50
69685403	N Gauge 1A Decoder w/Railcom no Connector	£31.00
69687401	DCC Decoder without Plug	£41.50
69687403	8 Pin Wired Decoder	£31.00

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386515	Profi Couplings (50)	£42.50
386516	Profi Couplings (50)	£45.00

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931103	Sersa Freight Analogue Starter Set VI	£229.95
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931203	SBB Em845 Container Freight Analogue	£229.95
931205	DB BR612 Analogue Starter Set IV	£209.95
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931282	DB BR141 Commuter Train Digital Starter Set	£309.95
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931302	DR Diesel Freight Analogue Starter Set	£189.95
931383	*OBB Electric Passenger z21 Lite (DCC-Fitted)	£469.95
931601	PO Analogue Starter Set	£99.95
933601	DB Analogue Starter Set	£114.95
933602	SNCF Steam Freight Analogue Starter Set III	£114.95
933603	NS Steam Freight Analogue Starter Set III	£114.95
933606	FS Steam Freight Analogue Starter Set III	£114.95
933607	RENFE Steam Freight Analogue Starter Set III	£114.95
**939901	Analogue Starter Set - Track & Control Only	£59.95
939982	Digital Starter Set - Track & Control Only	£129.95

N SCALE LOCOMOTIVES

706101	DB BR 64 Steam Locomotive III	£170.00
708602	DB BR86 Steam Locomotive IV	£180.00
708682	DB BR86 Steam Locomotive IV (DCC-Fitted)	£220.00
708701	OBB Rh86 Steam Locomotive III	£180.00
708781	OBB Rh86 Steam Locomotive III (DCC-Fitted)	£220.00
709201	DRG BR92 Steam Locomotive II	£185.00
709203	OBB Rh792 Steam Locomotive III	£180.00
709204	CSD 415.0 Steam Locomotive III	£180.00
709208	DR BR 92 Steam Locomotive III	£180.00
**709210	ELSAB T13 Steam Locomotive I	£159.95
712301	DB BR23 Steam Locomotive III	£185.00
**714301	DR BR24 Steam Locomotive III	£159.95
715201	DB BR 52 Steam Locomotive III	£235.00
715202	DR BR52 GR Steam Locomotive IV	£235.00
715205	DRB BR52 Steam Locomotive II	£240.00
715206	DR BR52 Steam Locomotive III	£240.00
715207	*OBB BR52 Steam Locomotive III	£240.00
715208	*DR BR52 Steam Locomotive III	£240.00
715271	*DB BR52 Steam Locomotive III (DCC-Sound)	£310.00
715277	*OBB BR52 Steam Locomotive III (DCC-Fitted)	£310.00
715278	*DR BR52 Steam Locomotive III (DCC-Sound)	£310.00
715901	CSD 437.0 Steam Locomotive III	£180.00
716901	DB BR 01.10 Steam Locomotive III	£215.00

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717471	DRB BR01.10 Steam Locomotive II (DCC-Sound)	£265.00
718402	*DB BR50 Steam Locomotive III	£205.00
718482	*DB BR50 Steam Loco III (DCC-Fitted)	£230.00
721001	DR BR110 271-4 Diesel Locomotive IV	£99.00
721002	*DR BR114 Diesel Locomotive IV	£99.00
721003	DB Bahnbau BR203 Diesel Locomotive V	£99.00
721101	DBAG Regio BR203 Diesel Locomotive VI	£99.00
721102	SBB Cargo BR203 Diesel Locomotive VI	£99.00
722009	DR BR 106 Diesel Locomotive IV	£125.00
722010	VolkerRail V60 Knabbel Diesel Locomotive VI	£165.00
722012	DR BR106 Diesel Loco with Pantograph IV	£140.00
722083	VolkerRail V60 Knabbel Diesel VI (DCC-Fitted)	£195.00
722085	DR BR106 Diesel with Pantograph IV (DCC)	£160.00
723004	DB BR212 Diesel Locomotive IV	£125.00
723005	Lokomotion BR212 Diesel Locomotive VI	£135.00
723085	Lokomotion BR212 Diesel Loco VI (DCC-Fitted)	£190.00
726012	ALEX BR223 Diesel Locomotive VI	£165.00
**726013	IntEgro BR223 Diesel Locomotive VI	£129.95
7305	Blue/Grey Rack Loco	£135.00
**731102	MRCE-MWB ES 64 Electric Locomotive VI	£129.95
**731103	GySEV Rh1047 Hayden Electric Locomotive V	£129.95
731105	OBB Rh1016 Electric Locomotive V	£150.00
731108	OBB Rh1116 Mozart Electric Locomotive V	£165.00
731109	DBAG BR182 Electric Locomotive VI	£150.00
731110	Mittelweserbahn Rh1116 Electric Locomotive V	£150.00
731111	OBB Railjet Rh1116 Electric Locomotive VI	£150.00
731112	*HKX ES64 U2 Electric Locomotive VI	£155.00
731172	OBB Rh1116 Railjet Electric Locomotive VI	£215.00
731177	*HKX ES64 U2 Electric Loco VI (DCC-Sound)	£215.00
731179	DBAG BR182 Electric Loco VI (DCC-Sound)	£215.00
731202	Arriva BR 183 Electric Locomotive VI	£145.00
731203	PKP 183 Electric Locomotive VI	£150.00
731207	OBB Rh1216 World Record Electric Loco VI	£160.00
731209	*OBB Rh1216 Italian Flag Electric Locomotive VI	£150.00
731212	MANNER Rh541 Electric Locomotive VI	£185.00
731272	Arriva BR 183 Electric Loco VI (DCC-Sound)	£215.00
731274	MANNER Rh541 Electric Loco VI (DCC-Sound)	£245.00
731277	OBB Rh1216 World Record VI (DCC-Sound)	£225.00
731279	*OBB Rh1216 Italian Flag VI (DCC-Sound)	£215.00
731301	SBB Re460 My Switzerland Electric Loco VI	£150.00
731302	SBB Re460 Electric Locomotive VI	£150.00
731303	SBB Re460 Electric Locomotive V	£150.00
731304	BLS Re465 Electric Locomotive V	£150.00
731305	BLS Re465 Connecting Europe Electric V	£150.00
731306	SBB Rh460 Le Lait LOVELY Electric Loco V	£150.00
731373	SBB Re460 Electric Locomotive V (DCC-Sound)	£225.00
731374	BLS Re465 Electric Locomotive V (DCC-Sound)	£225.00
731375	BLS Re465 Connecting Europe V (DCC-Sound)	£225.00
731376	SBB Rh460 Le Lait LOVELY V (DCC-Sound)	£225.00
**732501	DBAG BR 140 Electric Locomotive V	£139.95
**733701	DBAG BR 115 Electric Locomotive V	£129.95
**734101	DB BR E41 Electric Locomotive III	£99.95
734501	*DR BR243 Electric Locomotive IV	£140.00
734502	*DBAG BR112.1 Electric Locomotive V	£140.00
734503	*DBAG BR143 Electric Locomotive VI	£140.00
**735302	DBAG BR 120.2 Electric Locomotive V	£149.95
735502	DBAG BR101 Bundespolizei Electric Loco VI	£165.00
736501	SJ Rc 4 Electric Locomotive IV	£155.00
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736503	OBB Rh1043 Electric Locomotive IV	£165.00
737207	SBB Ae6/6 11421 Electric Locomotive IV	£175.00
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737303	OBB Rh1010 Electric Locomotive IV	£175.00
737304	OBB Rh1020.20 Electric Locomotive III	£200.00
737602	DB BR 103.1 Electric Locomotive IV	£180.00
738002	DBAG Railion BR151 Electric Locomotive VI	£160.00
738072	*DBAG Railion BR151 Electric VI (DCC-Sound)	£230.00
738401	*DBAG BR 181.2 Electric Locomotive V	£125.00
738402	*DBAG BR 181.2 Lorraine Electric Locomotive V	£125.00
738403	*DBAG BR 181.2 Electric Locomotive V	£125.00
**739407	OBB Rh 1020 Electric Locomotive IV	£169.95
739410	DR BR254 Electric Locomotive IV	£180.00
739411	OBB Rh1020 Electric Locomotive V	£205.00
739412	DB BR194 Electric Locomotive IV	£205.00
740071	*DB BR VT95/VB142 Railbus & Trailer III (Sound)	£230.00
741003	DB BR601 Alpen See Express 4 Car DMU IV	£255.00
741004	DB Alpen See Express Coach Set (3) IV	£110.00
**741272	DB BR 612 3 Car DMU IV (DCC-Sound)	£349.95
742004	Vogtlandbahn Desiro 2 Car DMU VI	£240.00
742006	DBAG BR642 Desiro 2 Car DMU VI	£240.00
742007	*DSB BR MQ 2 Car DMU VI	£240.00
742077	*DSB BR MQ 2 Car DMU VI (DCC-Sound)	£300.00
**744001	DBAG BR 401 ICE1 Power Car & Trailer VI	£199.95
781089	DR BR38 with long tender epoch 3	£210.00
781101	DRG BR 86 Steam Locomotive II	£190.00
781103	DB E41 Electric Locomotive III	£160.00
781105	DB Bahnland Bayern BR 111 Electric Loco VI	£170.00
781106	Spitzke AG V60 Diesel Locomotive VI	£120.00
781185	DBAG BR111 Maxi Electric Locomotive VI	£215.00
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781202	KPEV Berliner Wannseebahn Train Pack I	£230.00
781203	Wendelsteiner Kieswerk Train Pack III	£175.00
781204	KPEV Preubens Gloria Train Pack I	£275.00
781205	Pressn BR145 FLEISCHMANN Electric VI	£165.00
781207	DBAG BR402 ICE2 3 Car EMU V	£185.00
781284	KPEV Preubens Gloria Train Pack I	£305.00
781301	DBAG BR111 024-8 Electric Locomotive VI	£175.00
781302	DBAG BR111 066-7 Electric Locomotive VI	£175.00
781383	*KPEV G8.1 Steam Locomotive I (DCC-Fitted)	£215.00
781384	*DB BR55.25-56 Steam Loco III (DCC-Fitted)	£215.00
796802	DB ET99 02 Track Cleaning Railcar III	£115.00

N SCALE COACHES

**744101	DBAG Avmz801.8 ICE1 1st Class Coach VI	£24.95
**744201	DBAG Avmz801.0 ICE1 1st Class Coach VI	£24.95
**744301	DBAG Avmz801.4 ICE1 1st Class Coach VI	£24.95
**744501	DBAG ASmz803.0 ICE1 1st Class Coach VI	£24.95
**744601	DBAG Bvmz802.3 ICE1 2nd Class Coach VI	£24.95
**744701	DBAG Bvmz802.0 ICE1 2nd Class Coach VI	£24.95
**744801	DBAG Bvmz802.8 ICE1 2nd Class Coach VI	£24.95
**744901	DBAG Bvmz802.6 ICE1 2nd Class Coach VI	£24.95
8053	Edelweiss 2nd Class Coach	£27.50
8054	Edelweiss Baggage Coach	£30.50
**806501	DB 2nd/3rd Class Coach III	£24.95
806503	FS 3rd Class Compartment Coach III	£37.00
806504	DRG BC3pr03 Three Axle 2nd/3rd Class Coach II	£26.50
**806801	DB Baggage Coach III	£24.95
806802	KPEV Baggage Coach I	£30.50
806803	FS Baggage Coach III	£34.50
806804	DRG Pw3ipr11 Three Axle Luggage Coach II	£30.00
**807001	DB 3rd Class Compartment Coach III	£24.95
807002	DB 3rd Class Compartment Coach III	£32.50
807007	FS 3rd Class Compartment Coach III	£37.00
807008	*OBB 3 Axle 3rd Class Ct Coach Bmans Cab III	£40.00
807009	*OBB 3 Axle 3rd Class Compartment Coach III	£40.00
**807101	DB Compartment Coach III	£24.95
807102	OBB 2 Axle 2nd Class Compt w/Brmans Cab III	£40.00
8079	DRG 6-Axled Composite Express Coach	£45.00
8080	DRG Express Baggage	£45.00
808101	MITROPA Restaurant Coach II	£46.50
8082	DRG Express Composite	£43.50
808301	DRG 3rd Class Express Coach II	£45.00
8090	DRG Baggage Coach - Epoch II	£30.00
8091	DRG Composite Coach - Epoch II	£33.50
809301	DRG 2nd/3rd Class Coach II	£33.00
**809704	DB 2 Part Rebuilt Coach Set III	£39.95
**809804	DB 2 Part Rebuilt Coach Set III	£39.95
**809904	DB 2 Part Rebuilt Coach Set III	£39.95
811103	DB Schnellzug Coach Set (2) IV	£71.00
**811201	DB Dining Coach IV	£34.95
**812701	DB 2nd Class Conversion Coach III	£24.95
814205	IntEgro 2nd Class Coach VI	£35.50
814401	CFR Nachtzug Dacia Coach Set (3) VI	£88.00
814403	DB 1st Class Coach IV	£22.50
814404	DB 1st Class Coach IV	£22.50
814405	DBAG 1st Class Coach V	£22.50
814430	OBB Eurofima 2nd Class Coach VI	£30.00
814431	OBB Eurofima 1st/2nd Class Coach VI	£30.00
814432	OBB Eurofima 2nd Class Coach VI	£30.00
814433	OBB Eurofima 2nd Class Kinderkino-Abteil VI	£31.00
814434	OBB WRmz88-95 Dining Coach VI	£45.00
814451	FS Eurofima 1st Class Coach V	£31.00
814452	FS Eurofima 2nd Class Coach V	£31.00
814453	FS Eurofima 2nd Class Coach IV	£31.00
814702	NS Plan W 2nd Class Coach IV	£32.50
814703	NS Plan W 2nd Class Coach IV	£32.50
814704	NS Plan W 2nd Class Coach IV	£32.50
860702	CFR Nachtzug Dacia Coach Set (2) VI	£53.00
860703	*OBB Nachtzug Dacia Coach Set (2) VI	£53.00
860704	*DB TEN T2S Sleeper Coach Set (2) IV	£53.00
861102	DBAG IC/EC 1st Class Compartment Coach VI	£40.00
861202	DBAG IC/EC 1st Class High Capacity Coach VI	£40.00
861302	DBAG IC/EC 2nd Class Compartment Coach VI	£40.00
861402	DBAG IC/EC 2nd Class High Capacity Coach VI	£40.00
861602	DBAG IC/EC 1st Class BordBistro Coach VI	£40.00
861802	DBAG IC/EC 2nd Class Compartment Coach VI	£40.00
863101	DB 1st Class Express Coach IV	£35.00
863201	DB 2nd Class Express Coach IV	£35.00
863301	DB Express Dining Coach IV	£33.50
863401	DB Express Sleeper Coach IV	£33.50
863501	DB Express Postal Coach IV	£33.50
**863601	DB PwPost4u-28 Mail/Luggage Coach IV	£24.95
863602	DRG PwPost4u-28 Mail/Luggage Coach II	£45.00
863801	DB 2nd Class Express Coach IV	£47.50
865902	DB 2nd Class 4 Wheeled Coach III	£26.50
866203	DB 2nd Class 4 Wheeled Coach III	£28.50
866204	DB 2nd Class 4 Wheeled Coach III	£28.50
866301	DB 1st/2nd Class 4 Wheeled Coach III	£26.50
866302	DB 1st/2nd Class 4 Wheeled Coach III	£28.50
**866482	DB BDymf456 2nd Class Driving Trailer IV	£59.95
867001	*DRP Postal Coach II	£31.00
867101	*DRB 1st/2nd/3rd Class Express Coach II	£31.00
867102	*DRB 2nd/3rd Class Express Coach II	£31.00
867201	*DRB 1st/2nd Class Express Coach II	£31.00
867301	*DR Mitropa Dining Coach II	£31.00
867302	*DR Mitropa Sleeper Coach II	£31.00
867401	*DRB 3rd Class Express Coach II	£31.00
**867502	DB 1st Class Express Coach IV	£24.95
**867601	OBB 1st/2nd Class Express Coach IV	£24.95
**867602	DB 1st/2nd Class Express Coach IV	£24.95
**867702	DB 2nd Class Express Coach IV	£24.95
**867704	OBB 2nd Class Coach IV	£29.95
**867705	OBB 2nd Class Coach IV	£29.95
**867902	DB 2nd Class Express Coach IV	£29.95
868101	*HKX Coach Set (3) VI	£115.00
868102	*HKX 2nd Class Coach VI	£40.50
869001	*DB 1st Class Coach III	£31.00
869010	*DB 1st/2nd Class Coach III	£31.00
869020	*DB 2nd Class Coach III	£31.00
869101	*DSG 2nd Class Coach III	£31.00
869201	*DB Postal Coach III	£31.00
869210	*DB Baggage Coach III	£31.00
8795	3 Wheel Baggage Coach	£19.95
**881001	DRG 2nd Class Compartment Coach II	£29.95
**881002	DRG 2nd/3rd Class Compartment Coach II	£29.95
**881003	DRG 3rd Class Compartment Coach II	£29.95
**881004	DRG 3rd Class Compartment Coach II	£29.95
**881005	DRG Post Coach II	£29.95
**881006	DRG 3rd Class Compartment Coach II	£29.95
**881007	DRG Baggage Coach II	£29.95
881013	PO Talbot Wagon Set (2) III	£265.00
881203	ALEX Coach Set (4) VI	£150.00
881301	*DRB Hospital Train Coach Set (3) II	£88.00
890181	SBB EW-IV Driving Trailer VI	£74.00
890201	SBB EW-IV 1st Class Coach VI	£32.00
890203	BLS 1st Class Coach V	£32.00
890301	SBB EW-IV 2nd Class Coach VI	£32.00
890302	SBB EW-IV 2nd Class Coach VI	£32.00
890305	BLS 2nd Class Coach V	£32.00
890306	BLS 2nd Class Coach V	£32.00
890401	SBB EW-IV Dining Coach VI	£32.00

N SCALE WAGONS

821207	CSD Coal Wagon Set (3) II	£63.00
822201	DB Acid Tank Wagon with Brakeman's Cab III	£23.75
822204	PKP Acid Tank Wagon with Brakeman's Cab III	£23.75
824214	*SBB DHL Container Wagon VI	£22.50
824216	*OBB Rail Cargo Austria Container Wagon VI	£22.50
824403	*SBB La Poste Container Wagon V	£35.50
826802	FS Stake Wagon V	£33.50
828313	SBB Gondola V	£22.00
828315	DBAG Eaos 106 Gondola with Car Tyre Load VI	£26.50
828704	DB Flat Wagon with Military Load IV	£44.00
828705	DB Bogie Flat Wagon with Load IV	£44.00
829601	DBAG Car Transporter V	£75.00
830682	DRG Sliding Door Wagon Set (DCC-Fittedl) II	£295.00
830683	DR Sliding Door Wagon Set (DCC-Fitted) II	£295.00
**830684	DB Sliding Door Wagon Set (DCC-fitted) II	£159.95
831501	DB Gms Box Wagon IV	£18.00
831502	DR Gbs Box Wagon IV	£18.00
831504	RENFE Gbs Box Wagon IV	£18.00
831506	DBAG Box Wagon V	£17.25
833001	DB Gmhs GEP Box Wagon Set (2) IV	£45.00
833505	DB Van IV	£31.00
834101	DRG Humbser Refrigerated Wagon II	£23.00
834104	Meteor Beer Wagon I	£23.75
834106	DRG Sea Fish Refrigerated Wagon Set (3) II	£81.00
834107	DB Spatenbrau Munchen Beer Wagon III	£23.75
834604	DRG Brauerei Ponarth Beer Wagon	£26.50
834605	*DB Lowenbrau Beer Wagon III	£26.50
837905	Shimms Tarpaulin Wagon Retailer Pack	£0.00
837912	NS Railion Steel Tarpaulin Wagon V	£31.00
837913	*Sogetank Telescopic Hood Wagon VI	£31.00
838001	SNCB Wielemans 3 Axle Beer Wagon III	£35.50
838002	DRG Fisch Brau 3 Axle Beer Wagon II	£35.50
842606	DBAG OnRail Tank Wagon Set (2) VI	£45.00
842607	DB Bolte & Co Tank Wagon Set (2) III	£45.00
842611	*MEH Potts Bier Tank Wagon III	£29.00
843701	DRG DEROP Tank Wagon Set (2) II	£45.00
843702	DB NITAG Tank Wagon Set (2) III	£45.00
843703	DR Chemiefaserwerk Premnitz Tank Set (2) IV	£45.00
843708	DSB Jens Villadsens Tank Wagon Set (2) III	£52.00
843712	FS Tank Wagon II	£29.00
843713	*DRG Fritz Homann Tank Wagon II	£29.00
843714	*DRG Rhenania-Ossag Tank Wagon Bans Cab II	£29.00
844903	DRG Deurag Carbon Dioxide Wagon II	£27.50
**844904	CSD Gas Tank Wagon II	£19.95
845201	NS Trash Wagon Set (3) V	£63.00
845202	NS Vam Compost Trash Wagon Set (3) IV	£63.00
845303	*HUPAC Schoni Pocket Wagon V	£35.50
845306	*SJ Green Cargo Pocket Wagon VI	£35.50
845333	*DSB Lauritzen Pocket Wagon VI	£35.50
845334	*DBAG DSV Pocket Wagon VI	£35.50
845401	*DB Swing Roof Wagon IV	£26.00
845402	*DR Swing Roof Wagon IV	£29.00
845403	DB Cargo Swing Roof Wagon V	£29.00
845405	*SBB Swing Roof Wagon V	£29.00
845501	DBAG Heavy Duty Slab Wagon Set (3) V	£67.00
848010	SNCF Millet Bogie Tank Wagon VI	£32.50
848011	NACCO Bogie Tank Wagon VI	£32.50
848012	KVG Bogie Tank Wagon V	£32.50
8500	Tipping Wagon	£10.25
851101	OBB Hopper Wagon Set (4) V	£145.00

N SCALE PICOCLO TRACK

9100	Straight 222mm	£2.75
9101	Straight 111mm	£2.75
9102	Straight 57.5mm	£2.75
9103	Half Straight	£2.75
9104	Straight 1/8Th	£2.75
9106	Flexible Track	£9.25
9108	Connecting Rail	£17.75
9110	Adjustable Track	£9.75
9112	Electric Uncoupling Track	£22.00
9114	Hand Uncoupling Rail	£10.50
9115	Straight Track with Reed Switch	£17.75
9116	Buffer Stop	£6.00
9117	Converter Track Arnold	£3.30
9119	Rack & Pinion Track	£6.00
9120	Curve Radius 1	£2.75
9122	Half Curve Radius 1	£2.75
9123	Curved Track 7.5 Deg	£2.75
9125	Curve Radius 2	£3.10
9127	Half Curve Radius 2	£3.10
9128	Curve Track 7.2 Deg	£2.75
9130	Curve Radius 3	£3.30
9131	Half Curve Radius 3	£3.10
9135	Curve Radius 4	£3.30
9136	Half Curve Radius 4	£3.10
9152C	Electric Turntable New	£275.00
9153	Extension for 9152	£20.25
9157	Three Way Point	£39.50
9161	30Deg Diamond	£14.50
9162	15 Deg Diamond Left Hand	£22.00
9163	15 Deg Diamond Right Hand	£22.00
9168	Single Point Left Hand	£28.00
9169	Single Point Right Hand	£28.00
9170	Manual Left Point	£18.00
9171	Manual Right Point	£18.00
9174	Manual Curved Left Pt.	£22.00
9175	Manual Curved Right Pt.	£22.00
9178	Manual L/H Point	£22.00
9179	Manual R/H Point	£22.00
9184	Double Slip Left Manual	£41.50
9185	Double Slip R/H Manual	£41.50
9189	Track Pack B	£83.00
9190	Track Pack C	£90.00
9191	Track Pack D	£110.00
9194	Track Pack E	£120.00
919501	Electrification Set	£46.50
9196	Track Pack F	£150.00
9198	Level Crossing	£52.00
9400	Power Clips	£4.00
9401	Connecting Clips	£3.20
9403	Insulated Joiners (12)	£4.35
9404	Metal Fish Plates (20)	£4.00
9409	Track Nails	£5.50
9414	Motor for 9114	£18.00
942101	Left Hand Point Motor	£14.50
942201	Right Hand Point Motor	£14.50
9499	Level Crossing	£10.50
9921	Profi Stencil	£15.50
9951	Piccolo Track Stencil	£14.00
995101	Fleischmann N Gauge Track Planning Template	£14.50

N SCALE ACCESSORIES

389541	Profi-Coupling 50	£67.00
389542	Profi-Coupling 50	£67.00
389545	Profi Couplings (Box 50)	£67.00

Correct on 16 August 2013
Errors & Omissions Excepted

Locomotives & Rolling Stock are now produced in much shorter runs. Order early to avoid disappointment. These are suggested retail prices. Your local dealer may be even cheaper!

SPECIALIST UK DEALERS

A & H MODELS - www.aandh-models.co.uk
95 High Street, Brackley, NN13 7BW - 01280 701410

ARCADIA MODELS - www.arcadiamodels.co.uk
67 Rochdale Road, Shaw, Oldham, OL2 7JT - 01706 882900

BOURTON MODEL RAILWAY - www.bourtonmodelrailway.co.uk
Boxbush High Street, Bourton o/t Water, GL54 2AN - 01451 820686

BYE LINES
Unit 12, Solent Bus. Centre, Soton, SO15 0HW - 07526 106741

C & M MODELS - www.candmmodels.co.uk
1 Crosby Street, Carlisle, CA1 1DQ - 01228 514689

CONWY RAILWAY MUSEUM - www.conwyrailwaymuseum.co.uk
Betws-y-Coed, Gwynedd, LL24 0AL - 01690 710568

DCC SUPPLIES LTD - www.dccsupplies.com
Unit 17a Top Barn Bus. Ctr, Holt Heath, WR6 6NH - 0845 224 1601

DCC TRAIN AUTOMATION - www.dcctrainautomation.com
5 Lower Orchard, Ilminster, Somerset, TA19 0QZ - 01823 429309

ENGINE SHED/GAUGEMASTER - www.gaugemaster.com
Gaugemaster Hse, Ford, Sussex, BN18 0BN - 01903 884488

FRIZINGHALL MODEL RAILWAY - www.modelrailshop.co.uk
Unit 3c, Hillam Road, Bradford, BD2 1QN - 01274 747447

FFESTINIOG RAILWAY COMPANY
Harbour Station, Porthmadog, Gwynedd, LL19 9NF - 01766 516000

HOBBY SHOP (FAVERSHAM) - www.hobb-e-mail.com
122 West Street, Faversham, ME13 7JB - 01795 531666

KERNOW MODEL RAIL - www.kernowmodelrailcentre.com
98a Trelowarren Street, Camborne, TR14 8AN - 01209 714099

KENT GARDEN RAILWAYS - www.kgrmodels.com
66 High Street, St Mary Cray, BR5 3NH - 01689 891668

MARNO - www.marnoltd.co.uk
72 Great Titchfield St, London, W1W 7QW - 020 7580 7699

MASTERS OF EPSOM - www.mastersofepsom.co.uk
29/31 Tattenham Crescent, Epsom, KT18 5QJ - 01737 356867

MDR DIRECT - www.keaygroup.co.uk/mdr
The Old Bank, High Street, Cookham, SL6 9SJ - 01628 528459

MODEL JUNCTION - www.modeljunction.info
916 Yeovil Road, Slough Trading Estate, SL1 4JG - 01753 528360

MODEL MASTERS - www.modelmasters.co.uk
Clifton Road, Weston Super Mare, BS23 1BW - 01934 629717

MODELLERS CORNER - www.modellerscorner.co.uk
22 Darling Street, Enniskillen, N Ireland, BT74 7EW - 028 6632 2367

MODELMANIA
13 Clouds Hill Road, Bristol, BS5 7LD - 0117 955 9819

MORRIS MODELS - www.modelsandhobbies.co.uk
80 Manor Road, Lancing, Sussex, BN15 0HD - 01903 754850

MOUNT TABOR MODELS - www.mount-tabor.co.uk
The Chapel, Cromford, Derbyshire, DE4 3QF - 01629 822294

ONTRACKS - www.ontracks.co.uk
1 Pontrilas Business Ctr, Pontrilas, HR2 0AZ - 01981 241268

OSBORNS MODELS - www.osbornsmodels.com
7 Honestone Street, Bideford, EX39 2DL - 01237 423453

PLUS DAUGHTERS - www.plusdaughters.co.uk
8 Britannia Ct,Burnt Mills Ind. Est,Basildon,SS13 1EU - 01268 726211

ROXLEY MODELS - www.roxleymodels.co.uk
4 Beckley Parade, Great Bookham, KT23 4RQ - 01372 452976

SCOGRAIL - www.scograil.co.uk
719 Woodbridge Road, Ipswich, IP4 4NB - 01473 252009

TRANSPORT TREASURES - www.transporttreasures.com
2 London Road, Aston Clinton, Aylesbury, HP22 5HQ - 01296 631002

WALTONS OF ALTRINCHAM - www.waltonsmodels.co.uk
30 Stamford Street, Altrincham, WA14 1EY - 0161 928 5940

WINCO - www.winco.uk.com
149 Arlesford Road, Winchester, SO23 0JZ - 01962 869301

Dealers marked with the eShop logo can order eShop items for you! Please ask these stores for more details.

Roco

Die Innovation der Modellbahn

2013/14 Range Listing

All Available from Your Local Dealer

HO SCALE STARTER SETS

41356	DBAG BR185.2 Digital Starter Set VI (DCC-Fitted)	£289.95
41359	DBAG BR140 Electric Freight V (DCC-Fitted)	£239.95
41497	Z21 Starter Set: SBB Cargo Freight V (DCC-Fitted)	£469.95
41498	Z21 Starter Set: Meiningen Freight V (DCC-Fitted)	£499.95
41499	Z21 Starter Set: DBAG Freight V (DCC-Fitted)	£499.95
41500	DBAG ICE2/BR218 z21 Digital V (DCC-Fitted)	£469.95
41502	DBAG Diesel Breakdown z21 Lite (DCC-Fitted)	£379.95
41503	*SBB Cargo Diesel Freight z21 Lite (DCC-Fitted)	£379.95
41505	OBB Diesel Freight z21 Lite Starter Set (DCC-Fitted)	£379.95
41506	DBAG 5 Car ICE2 z21 Digital V (DCC-Fitted)	£399.95
41507	*DB Diesel Passenger z21 Lite (DCC-Fitted)	£469.95
41508	DR Diesel Freight z21 Lite Starter Set (DCC-Fitted)	£379.95
51142	DR BR80 Analogue Passenger Starter Set III	£94.95
51221	DBAG BR218 Digital Starter Set VI (DCC-Fitted)	£184.95
51222	DBAG Cargo BR294 Digital V (DCC-Fitted)	£204.95
51223	OBB Rh2074 Diesel Freight Starter Set (DCC-Fitted)	£204.95
51225	SBB Cargo BR294 Freight Diesel V (DCC-Fitted)	£204.95
51250	Extension Pack for Z21 Starter Sets	£184.95
51251	Extension Pack for Z21 Starter Sets	£184.95

HO SCALE LOCOMOTIVES

61420	SBB C5/6 Steam Freight Train Pack II	£345.00
61424	DRB BR71.5 Passenger Train Pack II	£265.00
61425	BLS Ae4/4 Passenger Train Pack V	£365.00
61429	NS Serie 352 Diesel Freight Train Pack III	£170.00
62160	DRG BR44 Steam Locomotive II	£265.00
62161	DRG BR44 Steam Locomotive II (DCC-Sound)	£325.00
62162	DRB BR01.10 Steam Locomotive II	£230.00
62163	DRB BR01.10 Steam Locomotive II (DCC-Sound)	£290.00
62181	DR BR50.40 Steam Locomotive IV (DCC-Sound)	£315.00
62182	DR BR50.40 Steam Locomotive III	£260.00
62183	DR BR50.40 Steam Locomotive III (DCC-Sound)	£325.00
62184	*DR BR52 REKO Steam Locomotive IV	£270.00
62185	*DR BR52 REKO Steam Loco IV (DCC-Sound)	£330.00
62186	*OBB Rh52 Steam Locomotive III	£270.00
62187	*OBB Rh52 Steam Locomotive III (DCC-Sound)	£330.00
62189	SNCB Serie 26 Steam Locomotive III (DCC-Sound)	£345.00
62192	DB BR10 002 Steam Locomotive III	£330.00
62193	DB BR10 002 Steam Locomotive III (DCC-Sound)	£530.00
62196SR	smartRail DB BR10 002 Steam III (DCC-Sound)	£1,525.00
62199	*DR BR64 Steam Locomotive IV	£220.00
62209	*DB BR064 Steam Locomotive IV	£220.00
62211	PKP Oi2 Steam Locomotive IV	£250.00
62219	DB BR57 1741 Steam Locomotive III	£195.00
62233	FS 875.019 Steam Locomotive III	£195.00
62246	DB BR50 Steam Locomotive III	£250.00
62253	DB BR053 Steam Locomotive IV	£270.00
62254	DB BR053 Steam Locomotive IV (DCC-Sound)	£330.00
62266	GKB Rh152 Steam Locomotive III	£285.00
62267	GKB Rh152 Steam Locomotive III (DCC-Sound)	£345.00
62276	DB BR52 Altbau Steam Locomotive IV	£260.00
62277	DB BR52 Altbau Steam Locomotive IV (DCC-Sound)	£315.00
**62296	PKP Oki2 Steam Locomotive III	£134.95
62297	KPEV T12 Steam Locomotive I	£170.00
62298	NS 5909 Steam Locomotive III	£160.00
62307	SNCF 231E Steam Locomotive Green/Black III	£460.00
**62309	SNCF 231E Steam Locomotive Tender 37A Green III	£339.95
62311	SNCF 231E Steam Locomotive Tender 37A Black III	£460.00
**62312	SNCF 231E Steam Loco Tender 37A III (Sound)	£399.95
62318	DB BR31 Oil Steam Locomotive III	£250.00
62324	DB BR044 Steam Locomotive IV	£265.00
**62331	PKP Ty4 Steam Locomotive III	£199.95
62339	DBAG BR101 Electric Locomotive VI	£195.00
62340	DBAG BR101 Electric Locomotive VI (DCC-Fitted)	£250.00
62341	DBAG BR101 Electric Locomotive V	£195.00
62342	DBAG BR101 Electric Locomotive V (DCC-Fitted)	£225.00
**62348	DBAG BR140 Electric Locomotive V	£119.95
**62353	DB BR110.1 Electric Locomotive V	£149.95
62356	DBAG BR182 Electric Locomotive VI	£205.00
62357	OBB Rh 1116 Electric Locomotive VI	£205.00
62361	OBB Rh1116 RAILJET Electric Locomotive VI	£215.00
62394	DBAG BR111 Alpenverein Electric Locomotive VI	£200.00
62427	DBAG BR150 Electric Locomotive V	£170.00
62435	PKP MRCE ES64 F4 Electric Locomotive V	£190.00
62438	*DR BR250 Electric Locomotive IV	£175.00
62449	OBB Rh1116 Electric Loco Railjet V	£195.00
**62508	Connex BR146.5 Electric Locomotive V	£129.95
62532	SJ Da Electric Locomotive III (DCC-Sound)	£350.00
62542	OBB Rh 1042 Electric Locomotive IV	£195.00
62543	OBB Rh 1042 Electric Locomotive IV (DCC-Sound)	£260.00
62547	DBAG BR115 Electric Locomotive VI	£205.00
62634	DB E40 Electric Locomotive III	£215.00
62639	BLS Ae4/4 Electric Locomotive V	£195.00
62653	SJ Rc6 Electric Locomotive IV	£170.00
62658	OBB Rh 1042 Electric Locomotive V	£195.00
62659	OBB Rh 1042 Electric Locomotive V (DCC-Sound)	£260.00
62664	SJ Rc6 Electric Locomotive V	£170.00
62687	OBB Rh1020 Electric Locomotive IV (DCC-Sound)	£245.00
**62688	Cream BR189 Electric Locomotive VI	£169.95
62703	DBAG Porsche BR152 Electric Locomotive V	£135.00
62717	DSB MZ 1407 Diesel Loco	£195.00
62718	DSB MZ 1407 Diesel Loco (DCC-Sound)	£265.00
62730	RENFE D333 Diesel Locomotive IV	£180.00
62731	RENFE D333 Diesel Locomotive IV (DCC-Sound)	£245.00
62759	PKP ST44 Diesel Locomotive IV	£160.00
62765	PKP ST44 Diesel Locomotive Yellow IV	£170.00
62768	Polska Rail M62 Diesel Locomotive V (DCC-Sound)	£230.00
62769	PKP ST44 Diesel Locomotive III	£170.00
62779	LOCON 9802 Diesel Locomotive VI	£155.00
62859	TAB MY Nohab Great Northern Diesel Locomotive V	£175.00
62879	SNCB S60 Diesel Locomotive IV (DCC-Sound)	£310.00
62897	SNCB S60 Diesel Locomotive III	£195.00
62914	ZSSK Rh750 Diesel Locomotive V	£160.00
62915	ZSSK Rh750 Diesel Locomotive V (DCC-Sound)	£215.00
62916	CSD Rh 754 Diesel Locomotive VI	£160.00
62917	CSD Rh 754 Diesel Locomotive VI (DCC-Sound)	£220.00
62933	CD Rh750 Diesel Locomotive V	£160.00
62935	DR BR120 Diesel Locomotive IV	£170.00
62937	CSD T781 Diesel Locomotive IV	£175.00
62938	CSD T781 Diesel Locomotive IV (DCC-Sound)	£235.00
62944	DR BR111 Diesel Locomotive IV	£88.00
62976	SNCF CC72000 Multiservice Diesel Locomotive V	£190.00
62982	SNCF CC72000 Diesel Locomotive Blue V	£185.00
62983	SNCF CC72000 Diesel Loco Blue V (DCC-Sound)	£250.00
62986	SNCF CC72000 Diesel Locomotive Isabella V	£185.00
62987	SNCF CC72000 Diesel Isabella V (DCC-Sound)	£250.00
62988	SNCF FRET CC7200 Diesel Locomotive V	£190.00
62990	DBAG BR212 Diesel Locomotive V	£105.00
**62991	DBAG BR212 Diesel Locomotive V (DCC-Fitted)	£155.00
62992	DBAG BR212 Diesel Locomotive V	£105.00
63044	*OBB Rh4010 6 Car EMU IV	£410.00
63070	DB VB98 Railcar Trailer III	£53.00
63077	DB VT98/VS98 Railcar & Trailer III	£160.00
63078	DB VT98/VS98 Railcar & Trailer III (DCC-Sound)	£220.00
63105	DB BR602 Gas Turbine 4 Car MU IV	£225.00
63106	DB BR602 Gas Turbine 4 Car DMU IV (DCC-Sound)	£300.00
63118	SBB Ram 4 Car DMU IV	£360.00
63119	SBB Ram 4 Car DMU IV (DCC-Sound)	£420.00
63132	DB VT12.5 3 Car DMU III	£285.00
63136	*DB VT12.5 3 Car DMU Rock N Roll IV (Sound)	£360.00
63143	NS Blokkendoos 3 Car EMU II	£275.00
63144	NS Blokkendoos 3 Car EMU II (DCC-Sound)	£345.00
63153	SBB ICN 5 Car EMU V	£375.00
63157	NS Plan V 2 Car EMU IV (DCC-Sound)	£320.00
63165	NS Plan T 4 Car EMU III	£335.00
63184	CD Regio-Shuttlek Railcar VI	£165.00
63185	RegioShuttle Bavarian Region V	£160.00
**63187	RegioShuttle Kahlgrund Region V	£139.95
**63191	BOB RS1 RegioShuttle DMU IV	£129.95
**63192	Hunsruckbahn RS1 RegioShuttle DMU IV	£129.95
63217	DBAG BR18 201 Steam Locomotive VI	£310.00
63218	DBAG BR18 201 Steam Loco VI (DCC-Sound)	£370.00
63222	*DB BR01.10 Steam Locomotive III	£290.00
63258	*DB BR93.5 Steam Locomotive III	£180.00
63289	CH2 Steam Locomotive Epoch III	£62.00
63297	NS 49 Steam Locomotive III (DCC-Sound)	£315.00
63305	OBB Rh3071 Steam Railcar III	£215.00
63307	OBB Rh 71.5 Steam Railcar III	£215.00
63308	BBO DT1 Steam Railcar II	£215.00
63316	CSD 375 Steam Locomotive III	£345.00
63318SR	smartRail OBB Rh310.23 Steam III (DCC-Sound)	£1,425.00
63319	smartRAIL DR BR16 Steam (DCC-Sound)	£1,425.00
63324	CSD Rh375 Steam Locomotive III (DCC-Fitted)	£355.00
63325	CSD Rh375 Steam Locomotive III (DCC-Sound)	£405.00
**63337	VSM BR80 Steam Locomotive V	£89.95
63358	DRG BR18.4 Steam Locomotive II	£300.00
63359	DRG BR18.4 Steam Locomotive II (DCC-Sound)	£360.00
63367	*KBayStsB S 3/6 Steam Locomotive I (DCC-Sound)	£395.00
72100	Arriva LINT 2 Car DMU V	£280.00
72101	NOB LINT 2 Car DMU V	£280.00
72117	MAV 109.109 Steam Locomotive VI (DCC-Sound)	£455.00
72118	SZ 03 002 Steam Locomotive VI	£390.00
72120	*OBB Rh38 Steam Locomotive III	£390.00
72121	*OBB Rh38 Steam Locomotive III (DCC-Sound)	£455.00
72250	DRG BR23 Steam Locomotive II	£275.00
72251	DRG BR23 Steam Locomotive II (DCC-Sound)	£335.00
72252	DR BR35.20 Steam Locomotive IV	£270.00
72253	DR BR35.20 Steam Locomotive IV (DCC-Sound)	£330.00
72280	DBAG BR113 Electric Locomotive V	£170.00
72300	*StLB Rh1216 Electric Locomotive	£200.00
72301	CFI 190.322 Electric Locomotive VI	£190.00
72302	*OBB Rh1043 Electric Locomotive IV	£170.00
72310	*DB BR103 Electric Locomotive IV	£180.00
72350	*OBB Rh1020 Electric Locomotive IV	£195.00
72351	*OBB Rh1020 Electric Locomotive IV (DCC-Sound)	£255.00
72354	*DR BR194 Electric Locomotive IV	£195.00
72355	*DR BR194 Electric Locomotive IV (DCC-Sound)	£255.00
72362	*OBB Rh1110.5 Electric Locomotive V	£205.00
72363	*OBB Rh1110.5 Electric Locomotive V (DCC-Sound)	£270.00
72366	*OBB Rh1110 Electric Locomotive V	£205.00
72367	*OBB Rh1110 Electric Locomotive V (DCC-Sound)	£270.00
72376	DB E80 Electric Locomotive III	£205.00
72379	NS Serie 1100 Electric Locomotive III	£175.00
72382	*SBB NEAT Re460 107-6 Electric Locomotive VI	£185.00
72386	OBB Rh1141 001-6 Electric Locomotive V	£160.00
72388	DBAG BR150 Electric Locomotive V	£175.00
72389	DBAG BR150 Electric Locomotive IV	£175.00
72391	DBAG BR111 ADAC Electric Locomotive VI	£200.00
72392	DBAG BR111 Electric Locomotive Bayern Beer	£200.00
72394	DBAG BR103 Electric Locomotive V	£180.00
72396	SBB Re460 006-0 Electric Locomotive VI	£180.00
72397	BLS Re465 010-7 Electric Locomotive VI	£180.00
72399	DBAG BR111 Electric Locomotive V	£135.00
72400	SBB Re4/4 Electric Locomotive IV	£210.00
72401	SBB Re4/4 Electric Locomotive IV (DCC-Sound)	£270.00
72406	SBB Re4/4 Electric Locomotive V	£220.00
72407	SBB Re4/4 Electric Locomotive V (DCC-Sound)	£285.00
72408	*SBB Re4/4 Electric Locomotive	£220.00
72409	*SBB Re4/4 II Electric Porrentruy IV (DCC-Sound)	£285.00
72411	*SBB Re4/4 II Electric Locomotive VI (DCC-Sound)	£315.00
72412	SBB Cargo RailAdventure Re421 Electric Loco VI	£250.00
72413	SBB Cargo RailAdventure Re421 VI (DCC-Sound)	£315.00
72422	OBB Rh1144 Electric Locomotive VI	£195.00
72424	OBB Rh 1044 Electric Locomotive V	£195.00
72428	OBB Rh1044 Electric Locomotive IV	£200.00
72429	OBB Rh1044 Electric Locomotive IV (DCC-Sound)	£260.00
72438	OBB Rh1044 Electric & Z21 System (DCC-Sound)	£610.00
72440	*WLB Cargo BR183 Electric Locomotive	£200.00
72443	OBB Rh1216 175 Years Electric Locomotive VI	£220.00
72446	GYSEV Rh 470 Electric Locomotive VI	£215.00
72447	GYSEV Rh 470 Electric Locomotive VI (DCC-Fitted)	£275.00
**72448	MRCE ES64 U2 Electric Locomotive VI	£189.95
72449	MRCE ES64 U2 Electric Loco VI (DCC-Sound)	£265.00
72451	OBB Rh 1116 Electric Locomotive V (DCC-Sound)	£275.00
72452	OBB Rh 1116 CAT Electric Locomotive VI	£215.00
72454	OBB Rh 1016 Electric Locomotive V	£215.00
72455	OBB Rh 1016 Electric Locomotive V (DCC-Sound)	£275.00
72456	OBB Rh 1116 RAILJET Electric Locomotive VI	£215.00
72457	OBB Rh 1116 RAILJET Electric VI (DCC-Sound)	£275.00
72458	OBB Railjet Rh1116 175yrs of Austrian Rail V	£215.00
72459	OBB Railjet Rh1116 175yrs Austrian Rail V (Sound)	£275.00
**72460	SNCF BB 16000 Electric Locomotive V	£169.95
72461	SNCF BB 16000 Electric Loco V (DCC-Sound)	£275.00
72468	SNCF BB25200 Electric Locomotive V	£215.00
72469	SNCF BB25200 Electric Locomotive V (DCC-Sound)	£285.00
72473	SNCF BB25200 En Voyage VI (DCC-Sound)	£275.00
72479	SJ Rc5 Electric Locomotive IV	£180.00
72480	DBAG BR112 Electric Locomotive VI	£170.00
72481	PKP Cargo ES64 Electric Locomotive VI	£195.00
72482	DBAG BR152 Electric Locomotive VI	£135.00
72485	CargoNet BR185 Electric Locomotive VI	£160.00
72486	*Angel Trains BR185 616-0 Electric Locomotive VI	£160.00
72487	*Railpool Cargolink BR185 679-8 Electric Loco VI	£160.00
72496	*OBB Rh1245 Electric Locomotive V	£205.00
72497	*OBB Rh1245 Electric Locomotive V (DCC-Sound)	£265.00
72498	DBAG Railion BR152 Electric Locomotive VI	£135.00
72499	DBAG BR101 Bundespolizei Electric Locomotive VI	£215.00
72502	FS E444 Electric Locomotive IV	£205.00
72506	NSB El16 Electric Locomotive IV	£180.00
72507	VR Sr2 Electric Locomotive VI	£180.00
72508	SJ Rc6 Electric Locomotive VI	£175.00
72511	OBB Rh1045 Electric Locomotive IV	£150.00
72512	RTC Lokomotion BR189 Electric Locomotive VI	£190.00
72513	MRCE BR189 Electric Locomotive VI	£190.00
72514	WLE BR189 801-4 Electric Locomotive VI	£195.00
72515	Railpool BR185.6 Electric Locomotive VI	£160.00
72517	DBAG BR185.3 Electric Locomotive VI	£160.00
72519	NS Serie 1002 Electric Locomotive IV	£170.00
72521	NS Serie 1000 Electric Locomotive III	£170.00
72522	*DBAG Railion BR185 Electric Locomotive VI	£170.00
72525	SJ Dm Electric Locomotive III	£320.00
72526	SJ Dm Electric Locomotive III (DCC-Sound)	£380.00
72527	NSB El12 Electric Locomotive III	£320.00
72528	NSB El12 Electric Locomotive III (DCC-Sound)	£380.00
72534	smartRAIL SJ Dm975/976 Electric V (DCC-Sound)	£1,395.00
72535	Tagfrakt Da Electric Locomotive V	£255.00
72536	Tagfrakt Da Electric Locomotive V (DCC-Sound)	£320.00
72537	*LKAB IKORE Double Electric Locomotive VI	£275.00
72542	DRG E44 Electric Locomotive II	£165.00
72543	*DBAG BR181.2 Electric Locomotive VI	£135.00
72545	*DBAG BR146.2 Electric Locomotive VI	£160.00
72559	Pressnitztalbahn BR140 Electric Locomotive VI	£175.00
72562	*MWB Sunrail BR140 002-7 Electric Locomotive VI	£205.00
72563	*MWB Sunrail BR140 002-7 Electric VI (DCC-Sound)	£265.00
72568	DB BR110.3 Electric Locomotive IV	£265.00
72569	DB BR110.3 Electric Locomotive IV (DCC-Sound)	£335.00
72570	DB E10.3 Electric Locomotive III	£240.00
72572	DBAG BR110.3 Electric Locomotive V	£175.00
72573	DBAG BR110.3 Electric Locomotive V (DCC-Sound)	£235.00
72575	NS Serie 1700 Electric Locomotive V	£160.00
72576	DBAG Serie 1600 Electric Locomotive VI	£160.00
72580	*SBB Re6/6 Electric Locomotive V	£220.00
72581	*SBB Re6/6 Electric Locomotive V (DCC-Sound)	£285.00
72582	*SBB Re10/10 Electric Locomotive V	£445.00
72583	*SBB Re10/10 Electric Locomotive V (DCC-Sound)	£570.00
72606	*SNCF Fret BB25200 Electric Locomotive V	£215.00
72607	*SNCF Fret BB25200 Electric V (DCC-Sound)	£275.00
72615	SNCF CC6500 Electric Locomotive IV	£225.00
72616	SNCF CC6500 Electric Locomotive IV (DCC-Sound)	£290.00
72617	SNCF FRET C6500 Electric Locomotive V	£225.00
72618	SNCF FRET C6500 Electric V (DCC-Sound)	£290.00
72635	SNCF BB22200 Electric Locomotive VI	£160.00
72636	SNCF Pac BB22200 Electric Locomotive VI	£160.00
72693	RZD M62 Diesel Locomotive V	£170.00
72695	RZD M62 Diesel Locomotive V	£170.00
72696	RZD M62 Diesel Locomotive V (DCC-Sound)	£230.00
72697	PKP ST44 Diesel Locomotive III	£170.00
72698	DBAG BR234 Diesel Locomotive V	£140.00
72699	DBAG BR234 Diesel Locomotive V (DCC-Fitted)	£205.00
72700	PKP ST44 Diesel Locomotive V	£160.00
72702	MAV M62 030 Diesel Locomotive IV	£160.00
72703	MAV M62 022 Diesel Locomotive IV (DCC-Sound)	£225.00
72704	DBAG BR232 Diesel Locomotive VI	£140.00
72705	DBAG BR232 Diesel Locomotive VI (DCC-Sound)	£205.00
72706	PKP Cargo ST44-717 Diesel Locomotive VI	£175.00
72707	PKP Cargo ST44-717 Diesel VI (DCC-Sound)	£235.00
72712	*OBB Rh2143 Diesel Locomotive IV	£180.00
72713	*OBB Rh2143 Diesel Locomotive IV (DCC-Sound)	£240.00
72728	NS Serie 321 Sik Diesel Locomotive III	£75.00
72729	NL Railion Series 200/300 Diesel Locomotive V	£75.00
72731	NS Serie 500/600 Diesel Locomotive III	£88.00
72732	*NS Serie 529 Diesel Locomotive IV	£89.00
72747	DBAG TEE BR218 Diesel Locomotive V	£210.00
72750	DBAG BR218 Diesel Locomotive V	£145.00
72751	DBAG BR218 Diesel Locomotive V (DCC-Sound)	£210.00
72752	DB BR218 Diesel Locomotive IV	£145.00
72753	DB BR218 Diesel Locomotive IV (DCC-Sound)	£210.00
72758	DB BR218 Diesel Locomotive IV	£150.00
72759	DB BR218 Diesel Locomotive IV (DCC-Sound)	£215.00
72775	*CD Rh770 Hummel Diesel Locomotive V	£185.00
72776	CD Rh770 Hummel Diesel LocP V (DCC-Sound)	£250.00
72779	*ZSR ZSSK 770 Diesel Locomotive V	£185.00
72780	*ZSR ZSSK 770 Diesel Locomotive V (DCC-Sound)	£250.00
72781	*CSD T669.0 Diesel Locomotive IV	£185.00
72782	*CSD T669.0 Diesel Locomotive IV (DCC-Sound)	£250.00
72783	*PTK Rybnik S250 Diesel Locomotive V	£185.00
72784	PTK Rybnik S250 Diesel Loco V (DCC-Sound)	£250.00
72785	RZD ChME3 Hummel Diesel Locomotive V	£185.00
72786	RZD ChME 3 Diesel Locomotive V (DCC-Sound)	£250.00
72800	SBB Beilhack Rotary Snow Blower V (DCC-Sound)	£400.00
72825	CFL Serie 900 Diesel Locomotive IV	£105.00
72826	RENFE Serie 307 Diesel Locomotive IV	£96.00
72830	DBAG BR204 Diesel Locomotive V	£88.00
72831	DBAG BR204 Diesel Locomotive V (DCC-Sound)	£150.00
72834	*DBAG BR202 Diesel Locomotive V	£88.00
72836	DR BR115 Diesel Locomotive IV	£88.00
72837	DR BR115 Diesel Locomotive IV (DCC-Sound)	£155.00
72838	*DBAG BR203 Diesel Locomotive VI	£88.00
72839	*DBAG BR203 Diesel Locomotive VI (DCC-Sound)	£150.00
72840	RTS BR204 Diesel Locomotive VI	£88.00
72841	Railion NL BR204 Diesel Locomotive VI	£88.00
72842	Railion NL BR204 Diesel Loco VI (DCC-Sound)	£150.00
72843	DBAG Railion Logistics BR298 Diesel Locomotive VI	£88.00
72845	SBB BR203 Diesel Locomotive VI	£130.00
72855	DB BR V160 Diesel Locomotive III	£88.00
72856	DB BR216 006-7 Diesel Locomotive IV	£88.00
72860	DB BR220 Diesel Locomotive IV	£115.00
72861	DB BR220 032-7 Diesel Locomotive IV	£120.00
72865	NSB Di3 GM Diesel Locomotive III (DCC-Sound)	£240.00
72867	DSB MY1148 Diesel Locomotive IV (DCC-Sound)	£240.00
72869	DSB MY1147 Diesel Locomotive IV (DCC-Sound)	£240.00
72870	OBB Rh2016 Diesel Locomotive VI	£140.00
72871	OBB Rh2016 Diesel Locomotive VI (DCC-Sound)	£205.00
72916	CD Rh753 171-8 Diesel Locomotive	£160.00
72917	CSD Rh753 171-8 Diesel Locomotive (DCC-Sound)	£220.00
72918	CSD T478 3187 Diesel Locomotive IV	£160.00
72920	CSD T478.1 Diesel Locomotive IV	£155.00
72922	CD Serie 751 Diesel Locomotive V	£155.00
72923	CD Serie 751 Diesel Locomotive V (DCC-Sound)	£215.00
72924	ZSSK Rh752 Diesel Locomotive V	£155.00
72925	ZSSK Rh752 Diesel Locomotive V (DCC-Sound)	£215.00
72926	*CD 751 Diesel Locomotive VI	£150.00
72927	*CD 751 Diesel Locomotive VI (DCC-Sound)	£215.00
72930	*CSD Rh752 014-1 Sumperk Diesel Locomotive IV	£160.00
72931	*CSD Rh752 014-1 Sumperk Diesel V (DCC-Sound)	£220.00
72932	*CD Rh749 250-7 Olomouc Diesel Locomotive V	£160.00
72933	*CD Rh749 250-7 Olomouc Diesel V (DCC-Sound)	£220.00
73380	DB BR280 Diesel Locomotive IV	£125.00
73381	DB BR280 Diesel Locomotive IV (DCC-Sound)	£185.00
73400	*DBAG BR151 Electric Locomotive IV	£215.00
73401	*DBAG BR151 Electric Locomotive IV (DCC-Sound)	£275.00
73421	*MEG 601 BR143 179-0 Electric Locomotive VI	£180.00
73500	SZ Rh 541 101 Manner Electric Locomotive VI	£230.00
73501	SZ Rh 541 101 Manner Electric VI (DCC-Sound)	£290.00
73504	*OBB Rail Cargo Rh1216 228 Electric Locomotive VI	£215.00
73505	*OBB Rail Cargo Rh1216 228 VI (DCC-Sound)	£275.00
73508	*OBB Railjet Rh1216 Spirit of Praha VI	£215.00
73509	*OBB Railjet Rh1216 Spirit of Praha VI (DCC-Sound)	£275.00
73532	*Rh1116 Electric Locomotive (DCC-Video)	£420.00
73540	*OBB Rh1044 Electric Locomotive	£230.00
73541	*OBB Rh1044 Electric Locomotive V (DCC-Sound)	£290.00
73602	*OBB Rh1042 Electric Locomotive V	£200.00
73603	*OBB Rh1042 Electric Locomotive V (DCC-Sound)	£260.00
73606	*OBB Rh1042 Electric Locomotive	£200.00
73607	*OBB Rh1042 Electric Locomotive (DCC-Sound)	£260.00
73704	DR BR132 Diesel Locomotive IV	£140.00
73705	DR BR132 Diesel Locomotive IV (DCC-Sound)	£205.00
73706	GySEV Rh651 Diesel Locomotive VI	£140.00
73707	GySEV Rh651 Diesel Locomotive VI (DCC-Sound)	£205.00

HO SCALE COACHES

44201	DB 2nd Class Coach Epoch III	£24.25
44227	DR 2nd Class Coach Epoch III	£15.75
44252	DB 2nd Class Conversion Coach III	£22.50
44253	DB 1st/2nd Class Conversion Coach III	£22.00
44254	DB 2nd Class Conversion w/Baggage Compt III	£22.00
**44439	DB Hecht 2nd Class Express Coach III	£29.95
**44444	DB Hecht 1st Class Express Coach III	£29.95
**44449	DB Hecht Baggage Coach III	£29.95
**44450	DB Hecht 1st/2nd Class Express Coach III	£29.95
**44454	DB Postal Coach III	£29.95
**44655	SBB 1st Class Eurofima Express Coach IV	£34.95
44669	SBB Eurofima 1st Class Coach V	£45.00
44841	DB TEN Sleeper Coach IV	£48.50
44843	OBB U-Hansa TEN Sleepng Coach IV	£49.50
45008	DB ICE2 2nd Class Coach Epoch V	£31.50
45009	DB ICE2 2nd Class Coach Epoch V	£31.50
45146	BSTSB Gruppenver Bayern 1st/2nd Class Coach II	£76.00
45147	BSTSB Gruppenver Bayern 1st/2nd/3rd Class II	£76.00
45148	BSTSB Gruppenver Bayern 3rd Class Coach II	£76.00
45149	BSTSB Gruppenver Bayern Baggage Coach II	£76.00
45310	PKP 2nd Class Compartment Coach III	£44.00
**45492	DB Silberling Baggage Coach III	£69.95
45570	KPEV 2nd/3rd Class Coach I	£35.50
45571	KPEV 3rd Class Coach I	£35.50
45572	KPEV 3rd Class Coach I	£35.50
45573	KPEV 4th Class Coach I	£35.50
45574	KPEV Baggage Coach I	£35.50
45814	*DB Dining Coach IV	£62.00
**45879	DB 2nd Class Coach IV (DCC-Working Doors)	£199.95
**64057	DB Alpen-See Express 3 Coach Extension Set IV	£89.95
**64058	DB Alpen-See Express 3 Coach Extension Set IV	£79.95
64062	DB Conversion Coach Set (3) IV	£110.00
64079	OBB Spanten Coach Set (3) IV	£120.00
64080	*DR Trial Livery Coach Set (2) IV	£88.00
64084	SBB Saloon Coach Set (2) IV	£105.00
64085	VSM Coach Set (3) V	£98.00
64088	OBB Railjet Coach Set (4) VI	£275.00
64089	OBB Railjet Coach Set (4) VI (DCC-Coupling)	£350.00
**64095	OBB Transalpin Coach Set (3) IV	£99.95
**64096	OBB Transalpin Coach Set (3) IV	£99.95
**64097	OBB Transalpin Coach/Car Transporter Set (3) IV	£99.95
64100	DB BR602 Coach Extension Set (4) IV	£145.00
64107	DB Porta Westfalica Coach Set (2) IV	£98.00
64108	DB Porta Westfalica Coach Set (2) IV	£89.00
64115	OBB Railjet 175yrs of Austrian Rail Coach Set (3) V	£195.00
64116	OBB Railjet 175yrs of Austrian Rail Coach Set (3) V	£255.00
64240	OBB 2nd Class Coach III	£31.00
64241	OBB 2nd Class Coach III	£31.00
64242	OBB 2nd Class Coach III	£31.00
64244	OBB Baggage Coach III	£31.00
64245	OBB Postal Coach III	£31.00
64252	BBO N28 3rd Class Coach II	£31.00
64253	BBO N28 3rd Class Coach II	£31.00
64254	BBO N28 Luggage Coach II	£31.00
64255	BBO N28 Postal Coach II	£31.00
64268	OBB Spanten Luggage Coach IV	£31.00
**64269	DBAG 2nd Class Suburban Coach V	£39.95
**64270	DB 2nd Class Coach Jagermeister IV	£34.95
**64271	DB 2nd Class Coach Jagermeister IV	£34.95
**64273	DB 2nd Class Control Coach Jagermeister IV	£49.95
64276	DBAG 2nd Class Suburban Coach V	£44.00
**64277	DBAG 2nd Class Suburban Coach V	£39.95
64278	DBAG 2nd Class Suburban Driving Coach V	£66.00
**64312	DB 1st/2nd Class Silberling Coach III	£54.95
64349	DB 2nd Class Coach Green III	£51.00
64359	*SBB IC Baggage Coach V	£57.00
**64360	SBB 1st Class Express Coach IV	£34.95
64362	SBB EW II 1st Class Coach V	£48.50
64363	SB

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- HO HOe, & TT Scales

64386	DB Silberling 1st/2nd Class Coach IV	£53.00
64390	OBB N28 1st Class Coach IV	£32.50
64391	OBB N28 2nd Class Coach IV	£32.50
64392	OBB N28 2nd Class Coach IV	£32.50
64393	OBB N28 Baggage Coach IV	£32.50
64408	*DB Express 1st Class High Capacity IV	£57.00
64409	*DB Express 1st Class High Capacity IV	£57.00
64419	DBAG 1st Class Express Coach V	£49.50
64420	DBAG 1st Class Express Coach V	£49.50
64421	DBAG 2nd Class Express Coach V	£49.50
64422	DBAG 2nd Class Express Coach V	£49.50
64423	DBAG 2nd Class Express with Bike Compt V	£49.50
64425	*OBB Jaffa 1st/2nd Class Coach IV	£48.50
64426	*OBB Jaffa 2nd Class Coach IV	£48.50
64427	*OBB Jaffa 2nd Class Coach IV	£48.50
64428	*OBB Jaffa 2nd Class Baggage Coach IV	£48.50
64430	DBAG InterRegio 1st Class Coach V	£48.50
64431	DBAG InterRegio 1st Class Bistro Coach V	£48.50
64432	DBAG InterRegio 2nd Class Coach V	£48.50
64433	DBAG InterRegio 2nd Class Coach V	£48.50
64434	DBAG InterRegio 2nd Class w/Bike Area V	£48.50
64461	DRB 1st/2nd Class Coach II	£44.00
64462	DRB 3rd Class Coach II	£44.00
64463	DRB 1st/2nd/3rd Class Coach II	£44.00
64464	DRB Baggage Coach II	£44.00
64465	DRB MITROPA Restaurant Coach II	£44.00
64466	DRB MITROPA Restaurant Coach II	£44.00
64474	OBB Ribbed Luggage Coach III	£32.50
64542	SBB IC 1st Class Coach V	£51.00
64543	SBB IC 2nd Class Coach V	£51.00
64544	SBB IC 2nd Class Coach V	£51.00
64546	*SBB IC 2nd Class Driving Coach V	£88.00
64565	DB Express 3rd Class Coach III	£44.00
64566	DB Express 2nd/3rd Class Coach III	£44.00
64567	DB Express 3rd Class Coach III	£44.00
64568	DB Express Baggage Coach III	£44.00
64569	*DRG Express 2nd Class Coach II	£44.00
64570	*DRG Express 2nd/3rd Class Coach II	£44.00
64571	*DRG Express 3rd Class Coach II	£44.00
64572	*DRG Express 3rd Class Coach II	£44.00
64573	*DRG Express Baggage Coach II	£44.00
64710	OBB Railjet Economy 1 Coach VI	£63.00
64711	OBB Railjet Economy 2 Coach VI	£63.00
64712	OBB Railjet Business Coach VI	£63.00
64713	OBB Railjet Economy 1 VI (DCC-Coupling)	£81.00
64714	OBB Railjet Economy 2 VI (DCC-Coupling)	£81.00
64715	OBB Railjet Business VI (DCC-Coupling)	£81.00
64719	OBB RAILJET Economy 1 Coach VI	£66.00
64720	OBB RAILJET Economy 2 Coach VI	£66.00
64721	OBB RAILJET Business Coach VI	£66.00
64722	OBB Railjet Economy Coach V	£82.00
64723	OBB Railjet Economy Coach V	£82.00
64744	SNCF 2nd Class Coach IV	£44.00
64746	SNCF 2nd Class Coach III	£47.00
64747	SNCF 2nd Class Coach III	£47.00
64748	SNCF Baggage Coach III	£47.00
**64751	DB T2S Sleeping Coach IV	£34.95
**64756	OBB T2S Sleeping Coach IV	£34.95
**64761	DBAG T2S Sleeper Coach V	£34.95
64766	DBAG Nachtzug Red/Grey Sleeper Coach V	£52.00
64767	*DBAG T2S City Night Line Sleeping Coach V	£56.00
64774	OBB 1st Class Coach V	£77.00
64775	OBB 1st/2nd Class Coach V	£77.00
64776	OBB 2nd Class Coach V	£77.00
64778	OBB Dining Coach V	£78.00
64779	OBB 2nd Class Coach w/Luggage Compt V	£78.00
64789	OBB 1st Class Coach IV	£44.00
64790	OBB 2nd Class Coach IV	£44.00
64791	OBB 2nd Class Coach IV	£44.00
64792	OBB 2nd Class Coach with Baggage Area IV	£44.00
64793	OBB 2nd Class Express Coach IV	£44.00
64794	OBB 2nd Class Coach V	£78.00
64795	OBB City Shuttle 2nd Class Coach V	£47.00
64796	OBB City Shuttle 2nd Class Coach V	£47.00
64797	OBB City Shuttle 2nd Class Driving Coach V	£71.00
64798	*OBB 2nd Class Coach	£62.00
64823	DR Stadteexpress 1st Class Coach IV	£44.00
64825	DR Stadteexpress 2nd Class Coach IV	£44.00
64838	DR 1st Class Express Coach IV	£43.50
64839	DR 1st/2nd Class Express Coach IV	£43.50
64840	DR 2nd Class Express Coach IV	£43.50
64842	DR 2nd Class Express w/Baggage Area IV	£44.00
64843	DR Express Lounge Coach IV	£43.50
64850	SBB 1st Class Bi-Level Coach V	£83.00
64851	SBB 2nd Class Bi-Level Coach V	£83.00
64852	SBB 2nd Class Bi-Level Coach V	£83.00
64853	SBB 1st Class Bi-Level Coach V	£83.00
64854	SBB Dining/Bistro Bi-Level Coach V	£83.00
64856	*SBB IC2000 Bi-Level Driving Coach V	£105.00
64876	*DR Mitropa Sleeping Coach IV	£43.50
64877	*DBAG Mitropa Y Sleeping Coach V	£43.50

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44002	DB 8 WAGON SET III	£66.00
46031	DB Stake Wagon IV	£10.50
46039	DR Open Epoch III	£9.75
46043	DR Open Epoch III	£10.25
46250	DB Peine & Salzgitter Self Unloading Hopper	£31.00
46331	DB Breakdown Crane Epoch IV	£44.00
46400	Roco Track Cleaning Wagon	£34.00
46482	DB Stake Wagon III	£18.50
56018	OBB Stake Wagon III	£10.25
56079	OBB Lidded Gondola III	£12.75
66095	DR Gondola Set (4) IV	£130.00
66100	DB Telescopic Wagon (DCC-Fitted) IV	£245.00
66114	OBB Refrigerated Wagon Set (3) IV	£70.00
66127	DB Gondola Set (3) III	£52.00
66149	OBB Sawdust Wagon Set (3) IV	£51.00
66152	DB Refrigerated Wagon Set (3) III	£73.00
66162	DB BP Tank Wagon Set (3) III	£81.00
66165	SBB Gondola VI	£13.75
66168	DB Self Unloading Hopper Wagon Set (4) IV	£99.00
66169	DB Self Unloading Hopper Wagon Set (4) IV	£99.00
66182	DBAG Telescopic Hood Wagon Set (3) V	£74.00
66193	DBAG Self Unloading Hopper Set (3) V	£86.00
66195	OBB Telescopic Hood Wagon Set (3) IV	£68.00
66196	DB Covered Van Set (3) III	£70.00
66197	DRG Refrigerated Wagon Set (3) II	£70.00
66198	DB Refrigerated Wagon Set (3) III	£67.00
66215	OBB Box Wagon IV	£22.00
66216	DR Box Wagon with Brakeman's Cab IV	£18.50
66258	DB Box Wagon Kit IV	£16.25
66263	SBB Container Wagon III	£29.00
66268	DB Haus zu Haus Cylindrical Container IV	£57.00
66355	DRG Flat Wagon Narrow Gauge Wagon Load	£44.00
66359	DB Stake Wagon IV	£19.50
66451	SBB Wan Hai Container Wagon V	£55.00
66478	DB Van IV	£22.00
66492	DBAG Stake Wagon w/Military Vehicle Load V	£32.50
66493	DBAG Heavy Duty Flat Wagon w/Tank Load V	£35.50
66499	SBB Bogie Gondola Pink V	£23.00
66517	SBB Tarpaulin Wagon V	£33.50
**66518	SBB Wacosa Tank Wagon IV	£19.95
66519	STFA Coach Carrier V	£49.50
**66571	AAE Van Dieren Double Container Wagon V	£49.95
66601	AAE Container Wagon Set (2) V	£68.00
**66602	HUPAC Flat Wagon with Danzas Trailers V	£59.95
66658	SBB Post Container Wagon V	£55.00
66659	SBB MGB Planzer Container Wagon V	£53.00
66698	SBB Zingg Frucht Express Pocket Wagon V	£43.50
66724	DBAG Flat Wagon with Tank Load V	£37.00
66729	DB Stake Wagon III	£22.00
66730	*SBB STFA Double Deck Car Transporter III	£57.00
66736	*SBB Cargo Sliding Wall Double Unit VI	£53.00
66737	*SBB Galliker Transport Container Wagon VI	£53.00
66738	*AAE MOL Container Wagon Double Unit V	£67.00
66739	SBB Stake Wagon with Army Unimog Load V	£40.00
66748	SNCF Van III	£22.00
66752	*SBB Stake Wagon VI	£40.00
**66787	DBAG Stake Wagon with Silo Load V	£24.95
66791	SBB Stake Wagon with Fire Service Load V	£44.00
66792	SBB Stake Wagon with Road Vehicle Load V	£32.50
66793	SBB Stake Wagon III	£19.75
**66819	DR BUNA Tank Wagon III	£19.95
**66821	OBB Cement Silo Wagon III	£29.95
66834	DB DEA Tank Wagon III	£27.50
66836	OBB OEVA Tank Wagon IV	£26.50
**66843	DR Box Wagon IV	£19.95
**66844	DB Box Wagon III	£19.95
66845	DB Banana Box Wagon III	£23.75
66848	DB Gondola IV	£13.75
66849	DR Gondola IV	£13.75
66854	SNCF Sliding Roof Wagon III	£25.50
66865	*SBB Sliding Wall Wagon V	£26.50
66867	*SNCF Sliding Tarpaulin Wagon IV	£24.75
66882	DR Seefische Refrigerated Wagon III	£23.75
66884	DR Box Wagon with Brakeman's Cab III	£24.25
**66888	DB Box Wagon III	£19.95
**66889	OBB Box Wagon III	£14.95
66902	DB Stake Wagon IV	£44.00
66914	*SNCF Roller Shutter Wagon IV	£29.00
66928	DR Stake Wagon IV	£38.50
**66936	DB Flat Wagon with Load IV	£34.95
66939	DR Gondola IV	£20.75
66955	OBB Refrigerated Wagon III	£24.75
66967	DBAG PNO Standard Pocket Wagon V	£42.00
66989	DBAG Winner Spedition Pocket Wagon V	£44.00
67000	DBAG Swing Roof Wagon Set (2) V	£52.00
67001	DBAG Swing Roof Wagon Set (2) V	£54.00
67004	OBB Omya Slurry Wagon Set (3) V	£88.00
67005	OBB Syrian State Tank Wagon Set (3) IV	£88.00
67011	OBB Solvay Silo Wagon Set (2) V	£88.00
67012	OBB OMV Gas Bogie Tank Set (3) V	£96.00
67015	DB Gondola Set (3) III	£35.50
67016	DB Cylindrical Container Wagon Set (3) IV	£58.00
67023	Jura Cement Hopper Set (2) V	£53.00
67030	GKB Gondola Set (3) III	£51.00
67032	DB Sea Rail Sliding Wall Wagon Set (2) IV	£48.00
67037	OBB Sliding Tarpaulin Wagon Set (3) VI	£72.00
67040	GKB Open Wagon Set (2) III	£58.00
67041	OBB Rail Cargo Austria Gondola Set (2) VI	£55.00
67047	*SJ Green Cargo Sliding Tarpaulin Set (2) VI	£52.00
67048	OBB Bogie Flat Wagon Set (2) V	£40.00
67050	OBB Orop Tank Wagon Set (2) III	£57.00
67054	LKAB Hopper Set (4) V	£115.00
67055	LKAB Hopper Set (4) V	£115.00
67057	DRG Gravel Wagon Set (3) II	£62.00
67059	*DB Ore Wagon Set (3) III	£79.00
67060	DBAG Wagon Set w/Leopard Tank Load (2) V	£75.00
67061	DR Open Wagon Set (2) III	£32.50
67062	*LKAB Ore Wagon Set (4) V	£125.00
67063	*DB Swing Roof Wagon Set (4) III	£105.00
67064	*DR Bogie Tank Wagon Set (2) IV	£75.00
67070	*Schwedische Staatsbahn Hopper Set (4) IV	£105.00
67071	*Schwedische Staatsbahn Hopper Set (4) IV	£105.00
67208	HUPAC Rolling Road Low Floor End Wagon V	£49.50
67211	DB Rolling Road Flat Wagon IV	£46.00
67212	DB Rolling Road Flat Wagon with Lorry IV	£68.00
67213	DB Rolling Road Flat Wagon IV	£39.50
67214	OBB Rolling Road Flat Lagermax Lorry IV	£68.00
67243	SNCF Stake Wagon IV	£19.50
67257	*OBB Flat Wagon with Bus Load III	£40.00
67258	OBB Flat Wagon with Beer Lorry Load III	£38.00
67264	DBAG Stake Wagon with THW Load V	£53.00
67266	*OBB Stake Wagon w/Army Van Boat Load IV	£48.50
67330	SJ Green Cargo Sliding Wall Wagon VI	£23.75
67359	AAE Paneuropa/Terratrans Dbl Container V	£67.00
67365	OBB Bicycle Wagon V	£23.00
67366	DRG Stake Wagon with Lumber Load II	£40.00
67367	DR Box Wagon II	£22.00
67370	DBAG VTG Self Unloading Hopper Wagon VI	£44.00
67381	OBB Swing Roof Wagon V	£44.00
67389	Angel Trains Double Pocket Wagon VI	£79.00
67390	CargoNet Double Pocket Wagon V	£79.00
67393	*Kombiverkehr SEA Double Pocket Wagon V	£79.00
67394	*DBAG/AAE Paneuropa Dbl Pocket Wagon V	£79.00
67467	*DB Flat Wagon w/M48 Panzer Tank Load IV	£44.00
67468	DBAG Flat Wagon w/Leopard Tank Load V	£38.00
67480	*DB Stake Wagon with BAOR Load IV	£44.00
67510	DB Cargo Flat Wagon w/Bring Lorry Load V	£45.50
67512	HUPAC Flat Wagon w/Blue Water Lorry Load	£45.50
67517	DBAG Blue Cargo Pocket Wagon V	£44.00
67518	HUPAC Ewals Pocket Wagon VI	£44.00
67520	OBB East & West Pocket Wagon V	£44.00
67521	DB Cargo Flat Wagon with Load V	£44.00
67530	HUPAC Rolling Road w/Steyr Lorry Load V	£66.00
67531	*OBB Rolling Road with Frikus Lorry Load V	£66.00
67550	DR Stake Wagon IV	£35.50
67590	OBB OMV Tank Wagon III	£32.50
76784	*DB Van III	£26.50
76790	OBB Sliding Wall Wagon V	£27.50
76795	DB Sliding Wall Wagon IV	£27.50
76805	SBB Open Wagon V	£30.00
76808	GySEV Gondola V	£26.50
76809	*SBB Eaos Open Wagon VI	£26.50
76821	DB VTG Tank Wagon III	£32.50

HO POWER AND CONTROL

10778	Accessory Decoder (8 Output)	£61.00
10810	Multimaus Digital Controller	£119.95
10820	Z21 Digital Control System	£349.95
10882	PluX 16 Pin DCC Decoder	£31.00
10883	PluX 22 Pin DCC Decoder	£35.50
10884	8 Pin DCC Decoder	£31.00
10885	6 Pin Direct Plug DCC Decoder	£31.00
10886	6 Pin Direct Plug DCC Decoder	£31.00

HO SCALE GEOLINE TRACK

61101	Geoline Track Pack B	£43.50
61102	Geoline Track Pack C	£56.00
61103	Geoline Track Pack D	£98.00
61104	Geoline Track Pack E	£81.00
61106	Geoline Flexible Track G800	£12.25
61110	Geoline Standard Straight 200mm G200	£2.20
61111	Geoline Straight 185mm G185	£2.20
61112	Geoline Straight 76.5mm G76.5	£2.05
61113	Geoline Half Straight 100mm G100	£2.05
61117	Geoline Circuit Track	£18.00
61118	Geoline Half Straight Electric Uncoupler G100	£23.00
61119	Geoline Half Straight Uncoupler 100mm G100	£9.25
61120	Geoline Converter Track	£2.40
61122	Geoline Curve R2 358mm 30 Deg.	£2.40
61123	Geoline Curve R3 434.5mm 30 Deg.	£2.50
61124	Geoline Curve R4 511.1mm 30 Deg.	£2.75
61128	Geoline Curve 502.7mm 22.5 Deg	£2.50
61129	Geoline Short Curve R2 7.5 Deg	£2.30
61130	Geoline Short Curve R3 7.5 Deg	£2.30
61140	Geoline Left Hand Point	£17.75
61141	Geoline Right Hand Point	£17.75
61154	Geoline Left Hand Curved Point	£27.50
61155	Geoline Right Hand Curved Point	£27.50
61160	Geoline Three Way Point	£38.50
61164	Geoline Double Slip	£43.50
61180	Geoline End Pieces (6)	£5.75
61181	Geoline Track Damping Element (56)	£5.50
61183	Geoline End Piece	£10.25
61190	Geoline Digital Track Feed	£4.70
61191	Geoline Analogue Track Feed	£4.75
61192	Geoline Track Working Tool	£3.55
61193	Geoline Reed Contact	£7.75
61195	Geoline Universal Point Motor	£19.00
61196	Geoline Point Decoder	£23.75
61197	Geoline Coupling Decoder	£34.50

HO SCALE ACCESSORIES

40270	Close Coupler	£4.35
40271	Close Coupler (50)	£36.50

HOe TRAIN PACKS & LOCOMOTIVES

31027	PO Gertrud Diesel Freight Train Pack III	£79.00
33223	OBB Rh1099 Electric Locomotive IV	£145.00
33224	OBB Rh1099.011-7 Electric Locomotive V	£145.00
33241	0-6-0 Tank Locomotive Epoch III	£79.00
33265	*OBB Rh399.06 Steam Locomotive IV	£270.00

HOe TRACK & ACCESSORIES

32200	Flexible Track (Narrow Sleeper) 730mm	£5.75
32201	Flexible Track (Wide Sleeper) 730mm	£5.75
32202	Standard Straight 134.3mm	£2.20
32203	Short Straight 47.9mm	£2.20
32204	Standard Curve 261.8mm 30 Deg.	£2.20
32205	Curve 493mm 13.1 Deg.	£2.20
32210	End Piece for 32200	£0.55
32211	End Piece for 32201	£0.55
32401	Electric Left Hand Turnout	£27.50
32403	Electric Right Hand Turnout	£27.50
32409	Left Hand Turnout	£18.00
32411	Right Hand Turnout	£18.00
32413	Rail Joiners	£4.25
32414	Insulated Rail Joiners	£2.55
32417	Connecting Cable	£3.00
32418	Left Hand Turnout Motor	£16.75
32419	Right Hand Turnout Motor	£16.75

HOe ROLLING STOCK

34015	OBB 2nd Class Coach IV	£43.50
34016	OBB 2nd Class Coach IV	£42.50
34017	OBB 2nd Class Coach IV	£43.50
34018	OBB 2nd Class Coach w/Baggage Compt IV	£43.50
34028	*OBB 2nd Class Coach V	£44.00
34040	2nd Class Coach Epoch III	£27.50
34041	2nd Class Coach Epoch III	£27.50
34042	DR Baggage Coach Epoch III	£27.50
34550	DR Open Wagon III	£22.50
34551	DR Open Wagon III	£22.50
34552	DR Box Van III	£22.50
34553	DR Box Van III	£22.50
34571	DR Roll Wagon IV	£26.00
34598	DR Roll Wagon III	£51.00
34600	Side Tipping Hopper Wagon	£11.50
34601	Side Tipping Cement Hopper Wagon	£11.50
34602	Bolster Truck Wagon	£11.50
34603	Crate Wagon	£11.50
34604	Coal Mine Wagon	£11.50
34605	Coal Wagon	£11.50
34606	Mine Wagon	£11.50
34607	Bridge Wagon	£11.50
34608	DR Roll Wagon Set (2) VI	£80.00
34610	Light Railway Wagon	£26.50
34613	Two Axle Mining Dump Wagons Set 2 (4) IV	£23.00

Correct on 16 August 2013
Errors & Omissions Excepted

Locomotives & Rolling Stock are now produced in much shorter runs. Order early to avoid disappointment. These are suggested retail prices. Your local dealer may be even cheaper!

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95 High Street, Brackley, NN13 7BW - 01280 701410

ARCADIA MODELS - www.arcadiamodels.co.uk
67 Rochdale Road, Shaw, Oldham, OL2 7JT - 01706 882900

BOURTON MODEL RAILWAY - www.bourtonmodelrailway.co.uk
Boxbush High Street, Bourton o/t Water, GL54 2AN - 01451 820686

BYE LINES
Unit 12, Solent Bus. Centre, Soton, SO15 0HW - 07526 106741

C & M MODELS - www.candmmodels.co.uk
1 Crosby Street, Carlisle, CA1 1DQ - 01228 514689

CONWY RAILWAY MUSEUM - www.conwyrailwaymuseum.co.uk
Betws-y-Coed, Gwynedd, LL24 0AL - 01690 710568

DCC SUPPLIES LTD - www.dccsupplies.com
Unit 17a Top Barn Bus. Ctr, Holt Heath, WR6 6NH - 0845 224 1601

DCC TRAIN AUTOMATION - www.dcctrainautomation.com
5 Lower Orchard, Ilminster, Somerset, TA19 0QZ - 01823 429309

ENGINE SHED/GAUGEMASTER - www.gaugemaster.com
Gaugemaster Hse, Ford, Sussex, BN18 0BN - 01903 884488

FRIZINGHALL MODEL RAILWAY - www.modelrailshop.co.uk
Unit 3c, Hillam Road, Bradford, BD2 1QN - 01274 747447

FFESTINIOG RAILWAY COMPANY
Harbour Station, Porthmadog, Gwynedd, LL19 9NF - 01766 516000

HOBBY SHOP (FAVERSHAM) - www.hobb-e-mail.com
122 West Street, Faversham, ME13 7JB - 01795 531666

KERNOW MODEL RAIL - www.kernowmodelrailcentre.com
98a Trelowarren Street, Camborne, TR14 8AN - 01209 714099

KENT GARDEN RAILWAYS - www.kgrmodels.com
66 High Street, St Mary Cray, BR5 3NH - 01689 891668

MARNO - www.marnoltd.co.uk
72 Great Titchfield St, London, W1W 7QW - 020 7580 7699

MASTERS OF EPSOM - www.mastersofepsom.co.uk
29/31 Tattenham Crescent, Epsom, KT18 5QJ - 01737 356867

MDR DIRECT - www.keaygroup.co.uk/mdr
The Old Bank, High Street, Cookham, SL6 9SJ - 01628 528459

MODEL JUNCTION - www.modeljunction.info
916 Yeovil Road, Slough Trading Estate, SL1 4JG - 01753 528360

MODEL MASTERS - www.modelmasters.co.uk
Clifton Road, Weston Super Mare, BS23 1BW - 01934 629717

MODELLERS CORNER - www.modellerscorner.co.uk
22 Darling Street, Enniskillen, N Ireland, BT74 7EW - 028 6632 2367

MODELMANIA
13 Clouds Hill Road, Bristol, BS5 7LD - 0117 955 9819

MORRIS MODELS - www.modelsandhobbies.co.uk
80 Manor Road, Lancing, Sussex, BN15 0HD - 01903 754850

MOUNT TABOR MODELS - www.mount-tabor.co.uk
The Chapel, Cromford, Derbyshire, DE4 3QF - 01629 822294

ONTRACKS - www.ontracks.co.uk
1 Pontrilas Business Ctr, Pontrilas, HR2 0AZ - 01981 241268

OSBORNS MODELS - www.osbornsmodels.com
7 Honestone Street, Bideford, EX39 2DL - 01237 423453

PLUS DAUGHTERS - www.plusdaughters.co.uk
8 Britannia Ct,Burnt Mills Ind. Est,Basildon,SS13 1EU - 01268 726211

ROXLEY MODELS - www.roxleymodels.co.uk
4 Beckley Parade, Great Bookham, KT23 4RQ - 01372 452976

SCOGRAIL - www.scograil.co.uk
719 Woodbridge Road, Ipswich, IP4 4NB - 01473 252009

TRANSPORT TREASURES - www.transporttreasures.com
2 London Road, Aston Clinton, Aylesbury, HP22 5HQ - 01296 631002

WALTONS OF ALTRINCHAM - www.waltonsmodels.co.uk
30 Stamford Street, Altrincham, WA14 1EY - 0161 928 5940

WINCO - www.winco.uk.com
149 Arlesford Road, Winchester, SO23 0JZ - 01962 869301

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www.winco.uk.com is our website where you will find our latest stock items

HO SELECTION

RailAd

1001 "Slovenske zeleznice" BR1216 541 110 TAURUS **£202.00**
1003 SZ BR1216 541 101 TAURUS "*SWAROVSKI*".....**£218.20**

HERIS

6021 2×Belgian Doubledeck M6 Coaches 1×2nd, 1×1st/2nd/Baggage **£107.90**
6025 2×Belgian 2nd Class Doubledeck M6 Coaches..**£107.90**
6031 Belgian Doubledeck M6 2nd Class Coach **£53.95**
6032 Belgian Doubledeck M6 2nd Class Coach **£53.95**
6033 Belgian Doubledeck M6 2nd Class Coach **£53.95**
6034 Belgian Doubledeck M6 2nd/Baggage Coach.....**£53.95**
11013 DB T2S TEN Sleeper – red (beige roof).....**£25.25**
11051/2 CityNightLine Baggage Coach – blue.....**£43.50**
11052/2 CityNightLine Service Coach WRm – blue.....**£43.50**
11054/2 CityNightLine Double-dk Coach WLBm – blue..**£43.50**
11170 DR Maintenance Vehicle Set (3 units) red EpIV...**£131.00**
11280 CityNightLine Couchette Bpmh – blue.....**£43.50**
11281 CityNightLine T2s Sleeper – blue with logo **£40.15**
11282 CityNightLine Sleeper – blue (unmarked).....**£39.50**
11284 CityNightLine Double-deck Coach WLABm blue..**£43.50**
11285 CityNightLine Double-deck Coach WLBm blue....**£43.50**
11312 2×DB EuroExpress Coaches 1×1st / 1×2nd Class – red/grey **£71.05**
11315 2×DB EuroExpress 2nd Coaches – red/grey **£71.05**
11531 DB Bogie Cement Silo Wagon "*VTG HOLCIM*" **£29.65**
11559 DR Type Gbs Closed Wagon – brown.....**£18.50**
11916 DB "*IGRALUB.DE*" Silo Wagon.....**£30.90**
12033 Belgian Restaurant Coach – blue/cream – EpIV ...**£43.65**
12034 Belgian Restaurant Coach – blue/cream – EpIV ...**£43.65**
12035 Belgian "*MEMLING*" Restaurant Coach – silver....**£43.65**
12118 Belgian 1st Class Ep.IV – blue/yellow **£31.30**
12133 Dutch (ex Belgian) 2nd Class USI Y28 Coach – maroon/white stripe.....**£26.10**
12134 Dutch (ex Belgian) 2nd Class USI Y28 Coach – maroon/white (no. variant).....**£26.10**
12166 2×Belgian 2nd Class "*MEMLING*" Coaches.....**£84.35**
12167 2×Belgian "*MEMLING*" Coaches 1×2nd / 1×BISTRO Coach.....**£84.35**
12200 Dutch Couchette Bcmh.....**£44.00**
12203 4×EETC Dutch AutoTransport Set (Sleeper / 2nd Coach / 2×Car Carriers **£145.50**
12204 4-unit "*Ski-Express*" Set (3×Couchettes - 2×blue / 1×red & 1×Sleeper.....**£159.50**
12210 2×Dutch Type N 2nd Couchettes – blue – EpIII...**£85.85**
12523 2×Belgian Car Transporters – blue – EpV **£51.45**
13001 SBB TEN Sleeper Type T2s – blue **£39.50**
13002 SBB Type T2S Sleeper – blue with new logo **£39.50**
13004 SBB Sleeper Type T2s – blue with new logo.....**£39.50**
13025 SBB 2nd Class EW IV Coach – light / dark grey ...**£33.60**
13128 OBB Double-deck 2 x Coach Set "*Karten Linie*" ..**£90.00**
14118 SNCF Car Transporter – green – latest logo.....**£32.90**
14119 SNCF Car Transporter – green – latest logo.....**£32.90**
15032 SNCF "*EVS*" Silo Wagon.....**£30.90**
15034 SNCF "*EVS FRANCE*" Silo Wagon.....**£30.90**
16037 FS Type T2s *TRENO NOTTE* Sleeper – EpV **£40.15**
16038 FS Type T2s *TRENO NOTTE* Sleeper – EpV **£40.15**
16039 FS 2nd Class Couchette Coach – grey – EpIV.....**£43.75**
18007 FS CIWL P Type Sleeping Car – silver.....**£47.85**
18018 SNCB CIWL P Type Sleeping Car – silver.....**£47.85**
30003-3/4 2×2-axle DB *CARGO* Closed Wagons – red .**£18.10**
80086 DB Schneepflug Meiningen – red – EpV **£57.30**
80087 DB Schneepflug Meiningen – yellow – EpVI.....**£57.30**

L.S. MODELS

10081 SNCF B81515 3-unit Railcar – blue/grey **£366.00**
10153 SNCF BB16677 – green with white band – EpIV ..**£216.60**
10203 SNCF BB107292 Multiservice Electric - grey/red – EpV-VI.....**£201.75**
12045 SNCB Class 1806 Electric – EpIVb – grey/silver with yellow and blue lines.....**£200.20**

OS.KAR

1124 FS D445 1025 Diesel Electric – green/Isabella.....**£155.20**
1518 SNCF 675080 Diesel Electric "*INFRA*" – yellow....**£156.85**
1526 Class BB 475039 Diesel Electric "*Akiem*" **£158.00**
1627 FS Class Gr 625.002 Steam Loco with petrol lights – EpIII **£269.50**
3202 FS 2nd Class Bz 33754 Corridor Coach – brown ...**£34.00**
3202.1 FS 2nd Class Bz 33381 Corridor Coach **£34.00**
3203 FS 2nd Class Coach 50 83 20-48 393-8 – grey.....**£34.00**
3203.1 FS 2nd Class Coach 50 83 20-48 486-0 – grey ...**£34.00**
4001 FS Rgmms Flat Wagon EpIV/V.....**£18.00**
4041 FS Rgmms Bogie Stake Wagon 8 887-7 – brown...**£17.50**
4046 FS Rgmms Bogie Flat Wagon – yellow **£18.00**
4051 FS Rgmms Flat Wagon – grey EpIV/V.....**£18.00**
4061 FS Rgmms Bogie Stake Wagon with pipe load 8 876-0 – brown **£18.50**
4071 FS Rgmms Bogie Stake Wagon with steel load 9 067-5 0 – brown **£17.50**

JAGERNDORFER

21020 OBB Class 1116.089 TAURUS – red.....**£160.45**
21043 OBB Class 1116 RAILJET "*Spirit of Germany*" (to match ROCO Coaches held by WINCO).....**£192.25**
21080 OBB Class 1116 141-3 TAURUS – *CAT* Livery ...**£162.65**
23830 Class BR1822.002 Electric – *"PTK"* Livery.....**£155.35**
21630 OBB Class 1163 010-0 Electric – OBB Logo **£185.00**
40300 OBB Class 4020.247 3-unit Electric Railcar.....**£309.50**

ACME

60031 FS Class E402.002 Electric XMPR Livery **£155.00**
60040 FS Class E464.008 Electric XMPR EpV **£148.00**
60041 FS Class E464.126 Electric XMPR EpV **£148.00**
60042 FS Class E464.901 Electric – "*FER*" Livery.....**£155.50**
60076 Class 119 002 TRAXX Electric – "*CargoNet*" **£194.90**
60095 Class E 186 905 TRAXX Electric – *CROSSRAIL*...**£186.35**
60237 Class E 186 241 TRAXX Electric *DB-Fernverkehr*..**£188.50**
70008 FS "*Eurostar City Italia*" 4-unit Set – E444.089/ 2×Grand Comfort 1st/1×Z Type 2nd Class Coach.....**£320.50**
50026 FS Self-Service Coach 88 98 121 .....**£50.50**
50027 FS Self-Service Coach 88 90 008 .....**£50.50**
50050 Set 4×FS Push-pull Coaches – 1973 grey livery .**£125.00**
50051 Set 4×FS Push-pull Coaches – dark grey livery – EpIV/V.....**£125.00**
50053 Set 4×FS Push-pull Coaches – dark grey livery – EpIII **£135.00**
50207 FS 2nd Class Coach – EpIII – dark grey.....**£39.50**
50251 FS di First Class Coach – EpIV/V – ½ and ½ red/grey **£38.50**
50362 FS Mail Van Type 1934 – grey livery.....**£52.00**
55042 Set 4×Berlin-Warszawa-Express Coaches – 1×1st Class/3×2nd Class **£195.35**

ACME SWISS Exclusive

90021 Twin *HUPAC* Sggmrss Container Wagons with *2×"BERTSCHI"* Tank Load.....**£69.55**

VITRAINS

1005 Set 3×Double-deck Coaches – 2×2nd + 2nd/ Driving Trailer (white/orange/purple).....**£94.00**
1020 FS ALn 668 1409 2-Car DMU – blue/grey.....**£201.50**
1034 Set 4×SNCF Double-deck Coaches – "*Nord Pas de Calais*" – 1st/2nd, 2nd, Driving Trailer and End Coach.....**£205.00**
1040 MINUETTO Umbria Regional EMU *"Pintoricchio"* ..**£243.00**
1041 MINUETTO Abruzzo Regional EMU *"Lupetto"*.....**£243.00**
1042 MINUETTO Toscano Regional EMU *"Elfo"*.....**£243.00**
1049 Set 3×FS Coaches – 2×MDVE 2nd Coaches + TE 2nd Semi-Driving Trailer – red/grey.....**£174.00**
1066 FS ALn 990.2 unit Diesel Railcar – Isabella **£277.50**
3082 1st Class MDVE Coach with interior lights – Trenitalia XMPR **£56.90**
3085 FS MDVE *"Sleeperette"* Coach **£45.00**
3087 1st MDVC Coach with interior lights *"TRENORD"* ..**£56.90**

B-MODELS

45120 Set 2×DB Type Sgns Flat Wagons with *"MSC/CAI & Delta Shipping"* Containers **£61.75**
45121 Set 2×DB Type Sgns Flat Wagons with *"UASC & P&O"* Containers.....**£61.75**

REE MODELES

WB-094 SNCF 2-axle Wine Carrying Wagon – 4×*"VINTRANSPORT – Geneve"* Tanks **£37.60**
WB-095 SNCF 2-axle Wine Carrying Wagon – 3×*"VINTRANSPORT – Geneve"* Tanks **£37.60**
WB-181 SNCF Bogie Tank Wagon *"SHELL"* – EpIII.....**£33.65**

Dolischo Specials –
PIKO

59524 GKB STADLER GTW 2/6 S-Bahn Diesel – blue.....**£239.50**
97709 Suditrol STADLER GTW 2/6 Diesel *"Val Venosta"*.....**£221.25**

LILIPUT

114675 2-unit GySEV/ROeEE Class 5146.02 DMU – green/yellow.....**£268.00**

SUDEXPRESS

142208 DCS Class 1422 Diesel – orange (with Sound)....**£296.50**
144110 Class 1441 Diesel *"SOMAFEL"* – EpVI **£198.85**
144910 Class 1449 Diesel *"TAKARGO RAIL"* – EpVI.....**£219.00**

RIVAROSSI

2200 Class D753.732 Diesel *"Rail Traction Company"*.....**£115.75**
2206 Class D753.003 Diesel *"Sistemi Territoriali"* **£115.75**
2259 Class D753.703 Diesel *"LINEA"* Livery **£115.75**
6089 SBB Bogie Silo Wagon Type Uas *"MILLET 2000"*.....**£22.80**

ROCO

62400 SBB Class Ae 3/6 II No. 10439 HISTORIC.....**£255.50**
62505 Class BR 185 567-5 Electric *"CROSSRAIL"* – black.....**£165.20**
62666 SBB Ee 3/3 16409 Electric Shunter – **DIGITAL**...**£201.80**
62691 BLS Class 420 504-3 Electric – silver **£194.40**
62706 SBB Class 460 036-7 Electric *"My Switzerland"*.**£173.40**
63536i SEETAL De 4/4 No. 1670 *"Vallee du Joux"*.....**£120.70**
62635 SBB Ae 6/6 No. 11424 *"Neuchatel"* – red.....**£168.85**
63849 SBB Be 6/8 II No. 13265 – green **£220.65**
63879 SBB De 4/4 1661 Electric Railcar – yellow ends..**£157.75**
63899 SBB Fe 4/4 No. 18518 Electric Railcar – blue.....**£157.75**
72406 SBB Re 4/4 II No. 11161 Electric – green **£203.73**
72412 SBB Class 421 383-1 CARGO *"RailAdventure"*..**£233.00**
44495 SBB 1st Class IR EW II Coach – tri-colour.....**£35.25**
44889 SBB 2nd Class EW IV *"Kinder"* Coach.....**£42.95**
45088 SBB Luggage Van with Bicycle Loco – tri colour..**£26.85**
45196i BLS Type MC76 Baggage Van 060-1 .....**£30.20**
45306 SBB 2nd Class Couchette Coach – current livery .**£20.85**
45319 BLS 1st Class EW IV Passenger Coach.....**£55.30**
45321 BLS 2nd Class EW IV Passenger Coach.....**£55.30**
45326 SBB 1st Class ICN Coach with Service Compartment **£54.00**
45327 SBB 1st Class ICN Coach.....**£54.00**
45330 SBB 1st Class ICN Livery Coach 207-2.....**£36.00**
45332 SBB 2nd Class ICN Livery Coach 083-4.....**£36.00**
46658 SBB Type Uacs Bogie Cement Silo Wagon – blue .**£28.25**
47447 SBB Sliding Wall Wagon *"SBB CARGO"* **£21.00**
47502i SBB Closed Type K3 Strawberry Wagon with brakeman platform – white.....**£14.40**
47611 SBB Sliding Wall Wagon *"HACO Farmer"* **£12.00**
66604 SBB *HUPAC* Double Container Wagon *"SCHONI"* **£58.75**
66616 SBB *HUPAC* Double Container Wagon *"DANZAS"*.**£39.15**
66629 SBB Bogie *HUPAC* Wagon with *"DREIER"* Containers **£49.35**
66656 SBB Type Sgns Container Wagon *"BELL"*.....**£50.55**
66659 SBB Bogie *CARGO* Wagon with *"PLANZER/ CARGO DOMIZIL"* Containers **£46.90**
66714 SBB HUPAC Wagon *"GIEZENDANNER"* **£39.15**
66796 SBB 2-axle Silo Wagon – *"Uetikon"* – grey **£28.40**
67530 SBB HUPAC Wagon with *"STEYR"* Lorry & Trailer **£59.30**
67799 SBB Telescopic Roof Wagon – brown.....**£20.45**
67801 SBB Bogie Gas Tanker *"Garbagas"* **£28.65**
62365 OBB/GySEV 1047 504-4 Electric – *"HAYDN"*.....**£206.00**
62446 OBB Class 1670.11 Electric – green **£228.65**
62652 OBB Class 1245 520 Electric **(Digital Sound)**....**£188.35**
63582 OBB Class 1044 282 *"Children's Art"* Loco **£143.65**
72452 OBB Class 1116 141-3 Electric – *CAT* Livery **£211.65**
44850.2 OBB 2nd Class – trial colours (pink/grey).....**£34.00**
45837 OBB 2nd RIC Compartment Coach with tail light..**£37.65**
45838 OBB 2nd Class RIC Compartment Coach **£40.90**
47183 OBB Flat Wagon with Class 1099 Body Shell load.**£63.40**
47254 2-axle Container Wagon *"SALZBURGER Beire"* ..**£15.25**
47354 2-axle Tank Wagon *"JLC Chemie"*.....**£17.60**
47358 OBB Bogie Tank Wagon *"BP"*.....**£17.75**
64012 OBB *RailJet* 4-unit Coach Set *"Spirit of Germany"* 1×Economy/1×Economy End Coach/1×Dining/ 1×Driving Trailer (see HERIS listing for matching JAEGERNDORFER Loco).....**£243.45**
64721 OBB *RailJet* 1st Class Business Coach.....**£57.85**
64783 OBB 1st/2nd Class IR Coach – jaffa/cream **£47.50**
66633 OBB Container Wagon – 2×*"DANZAS"* Swap Bodies **£46.75**
66700 OBB Low-floor Wagon – *"GARTNER Kg"* Trailer load.....**£32.60**
66910 OBB Bogie Triple Silo Wagon.....**£36.00**
67401 Set 2×OBB *Rail CARGO Austria* Bogie Open Wagons.....**£35.95**
67519 OBB Bogie Flat Wagon with Lorry Trailer Load *"GEBRUDER WEISS"*.....**£37.70**
62394 DR-AG Class 111 039-4 Electric *"Alpenverein"*..**£198.45**
62547 DB Class 115 509-2 Electric *"80 Jahre Autozug"*.**£193.85**
62604 DB Class 183 001 *ARRIVA* – *"175 Jahre Deutsche Eisenbahn"*.....**£216.60**
63268 DB Class 01 512 Steam Loco & Tender **£194.50**
63306 DRB BR71 502 Steam Railcar – EpII.....**£118.60**
63404 *"DEUTSCHE POST"* Diesel Loco No. 4 – blue.....**£94.80**
63426 *"DEUTSCHE POST"* Diesel Loco No. 5 – red **£94.80**
63554i DB Class 143 001-6 Electric *"EKO Steel"*.....**£113.45**
63678i DB ES64U2-005 Siemens Electric *"Rail4Chem"*..**£137.00**
44222 DB *"Thunderbox"* Baggage Van.....**£14.90**
45280 DB Ist/2nd Class Double-deck Coach – red **£42.85**
45484 DB 2nd Class Regional Coach – green/grey.....**£28.95**
47564 DB 2-axle Twin Silo Wagon *"Villeroy & Boch"*.....**£18.85**
47620 DB Flat Wagon with Gravel Load **£15.00**
47692 DB 2-axle Open Wagon *Mozartkugeln*.....**£8.80**
47739 DB Well-flat Wagon with Narrow Gauge Steam Loco Load **£83.65**
66936 DB Flat Wagon with 3×Lorry Load – EpIV **£34.85**
66989 DB AG Bogie CARGO Flat Wagon with Lorry Trailer Load *"WINNER SPEDITION"*.....**£37.70**
67032 Set 2×DB Sliding Wall Wagons *"SEA RAIL"*.....**£30.70**
43833 RENFE Class D319 232-2 Diesel Electric **£93.85**
62507 Class 241 004 Electric *"HECTORRAIL"*.....**£124.00**
62679 Class 1609 Electric *"HUSA"* (ex ACTS) Livery **£170.00**
62870 FS D.343.2006 Diesel with rounded front **£143.90**
63192 Hunsruckbahn VT 650 350 RegioShuttle DMU...**£104.65**
63395 GySEV Class M62 902 Diesel **£105.85**
63891 FS Class E444 048 Series R *Trenitalia* Electric ...**£145.25**
63966 SNCB Reeks [illegible]

EXHIBITION DIARY

9th/10th November – Tolworth SHOWTRAIN 2013,
Tolworth Recreation Centre, Red Lion Lane, Tolworth, Surrey

30th November – Letchworth Model Railway Society Exhibition,
Etonbury Academy, Stotfold Road, Arlesey, Beds.

IF YOU WANT TO SEE/BUY ANYTHING SPECIFIC PLEASE RING US IN GOOD TIME SO WE CAN TAKE ANY ITEMS ALONG WITH US

NARROW GAUGE SELECTION

BUSCH Feldbahn Narrow Gauge
12110 Diesel Loco Gmeinder 15/8 – yellow **£71.50**
12200 2×Tipper Wagons – grey **£15.15**
12201 2×Peat Bucket Wagons – brown **£15.15**
12202 2×Personnel Carrier Wagons **£15.15**
12203 2×Brick Transporter Wagons **£15.15**
12204 Set – 1×Flat/1×Stake Wagon **£16.20**
12205 Set – 1×Flat/1×Barrel Wagon **£16.20**
12220 Bogie Twin Tank Wagon **£17.50**
12240 Set – 1×Twin Wagon with Rail Load/Flat Wagon **£22.85**
12303 Pack 2×Narrow Gauge Tracks – 66.6mm long **£10.50**

FERRO TRAIN HOn3 Rack System
1003-105 Schafberg Loco BBO 99.7310 – black/red **£190.95**
1020-01 Schafberg Passenger Coach – closed platform – green **£59.85**
1020-03 Schafberg Passenger Coach – closed platform – blue **£59.85**
1021-01 Schafberg Passenger Coach – open platform – green **£60.25**
1021-02 Schafberg Passenger Coach – open platform – red **£60.25**

BEMO HOm
1262411 BRUNIG HGe 4/4 II 101 961 ..... **£263.65**
2274312 MOB Closed Van Gk 562 "*PEPSI*" **£38.35**
3245103 RhB 2nd B2303 Centre-door Coach – red 1970's **£51.25**
3245105 RhB 2nd B2305 Centre-door Coach – red 1970's **£51.25**
3245108 RhB 1st A1251 Centre-door Coach – red 1970's **£51.25**
3254132 RhB Driving Trailer ABt 1702 - *Arosa Express* red **£79.80**
3267207 FO 2nd Class Pendelzug B4257 - dark red **£39.15**
3267208 FO 2nd Class Pendelzug B4258 - dark red **£39.15**
3271434 BRUNIG 2nd Class B 304 Modernised Coach – red **£51.60**
3277432 BRUNIG 1st/2nd Modernised Coach AB432 – red **£51.60**
3294132 RhB 2nd Panoramic Coach Bp 2522 "*BERNINA EXPRESS*" **£70.00**

DOLISCHO/LILIPUT HOe Specials
L141485 OBB Class 298.06 Steam Loco **£129.50**
L141486 Steiermarkische Type U8 Steam Loco **£129.50**
L142103/3 OBB 3-car Unit – Loco 2096.01/Coach and Driving Trailer **£195.00**
L142106/3 SLB 3-car Unit – Pinzgauer Vs82 Loco/ Coach/Driving Trailer **£195.00**

HALLING HOe *(Class 5090 Diesel Railcars)*
05/B 5090.005 – *"WALDVIERTEL"* – red/grey **£151.35**
06/A 5090.006 – *"PINZGAU"* – red/grey **£151.35**
08/A 5090.008 – *"PINZGAU"* – red **£151.35**
12/A 5090.012 – *"WAIDHOFEN"* – red/grey **£151.35**
12/E SLB VTs 12 – *"NIEDERNSILL"* – rubine red/white. **£151.35**
13/C 5090.013 – *"WALDVIERTLERBAHN"* – gold livery **£160.95**
14/A 5090.014 – *"St LEONHARD"* – red/grey **£151.35**
14/D SLB VTs 14 – *"PIESENDORF"* – rubine red/white. **£151.35**
15/A 5090.015 – *"WAIDHOFEN"* – red/grey **£151.35**
16/D SLB VTs 16 – *"STUHLFELDEN"* – rubine red/white. **£151.35**
1005004A OBB Class 2093.01 Diesel – green **£180.00**
1005004E OBB Class 2093.01 Diesel – Museum green . **£180.00**
1005004G OBB Class 2093.01 Diesel – orange – Computer number **£180.00**

FERRO TRAIN HOe
201-303 OBB Class 2091.03 Diesel – orange **£211.45**
202-601 OGLB Class 2190.01 Diesel – *"WALTER"* – green **£226.50**
721 866P SLB BDs 353 2nd/Baggage Coach – moss green **£43.90**
722 860P SLB Bs 302 2nd Class Coach – moss green .. **£43.90**
722 750P SLB Bs 301 2nd Class Coach – Sparlack (red/white) **£43.90**
722 562P OBB B3062-2 2nd Class Coach – green/ white/red **£43.90**
722 566P OBB B3066-3 2nd Class Coach – green/ white/red **£43.90**
720 562P OBB BD4262-3 2nd/Baggage Coach *"National Park H.T."* – green/white/red **£43.90**
722 550P OBB B3050-7 2nd Class Coach *"Salzb.Bahn"*- green/white/red **£43.90**
722 561P OBB B3062-2 2nd Class Coach – *"100 Years Pinzgaubahn"* – green/white/red **£43.90**
722 566Y Ybstal B3066-3 2nd Class Coach – green/ white/red **£43.90**
722 567Y Ybstal B3067-1 2nd Class Coach – green/ white/red **£43.90**
722 450Y Ybstal B3050-7 2nd Class Coach – jaffa (YBSTALBAHN) **£43.90**
722 467Y Ybstal B3067-1 2nd Class Coach – jaffa (YBSTALBAHN) **£43.90**
721 366A OBB BD4622 *BAR* Coach – green **£43.90**

BACHMANN LILIPUT HOe
SET Zillertal – Loco D13/Coach/Driving Trailer – jaffa ... **£163.00**
SET Zillertal – Blue Loco D16/Jaffa Coach and Driving End **£163.00**
141484 Zillertalbahn Type U Tank Loco No. 1 – EpIII **£113.60**
142109 Zillertalbahn Class D16 Diesel – blue – EpV **£118.50**
142122 StLB (Steiermarkischen Landesbahnen) VL6 Diesel – EpV **£76.20**
170703 DRB Diesel No. 137 340 – EpII **£105.00**
245400 DR Oml 6221 3-axle Open Wagon with stanchions and brakeman's cab – EpII **£28.50**
245405 DR Oml 6300 3-axle Open Wagon with stanchions and brakeman's cab – EpII **£28.50**
245406 OBB Olm 64 602-1 3-axle Open Wagon with brakeman's cab – EpIV **£29.85**
245410 DR Plmb 3213 3-axle Flat Wagon with stanchions and brakeman's cab – EpII **£28.50**
291903 OBB WW/s 89 739-2 Rollwagon – brown –EpV . **£21.40**
291904 SLB 973 Rollwagon *"Salzburger Lokalbahn"* – EpV **£21.75**
291906 Rollwagon WW 128 s – EpIV **£21.40**
291907 OBB 89-711-1 Rollwagon – brown – EpV **£21.40**
291909 Zillertalbahn WW 346 Rollwagon – grey **£21.75**
291911 Zillertalbahn WW 350 Rollwagon – grey **£21.40**
294020 OBB Os/w 60 232 Open Wagon with brakeman's cab **£12.45**
294021 DR Os 10 514 Open Wagon with brakeman's cab **£12.30**
294230 OBB Gw/s 10 261 Closed Good Van – EpIII/V ... **£14.65**
294231 DR Linz 5012 Gw Closed Goods Van – EpII **£14.65**
344390 Bregenzerwaldbahn 3rd Class Ci/s 107 Coach .. **£22.00**
344391 Bregenzerwaldbahn 3rd Class Ci/s 109 Coach .. **£22.00**
344392 Bregenzerwaldbahn 3rd Class Ci/s 110 Coach .. **£22.00**
344393 Bregenzerwaldbahn 3rd Class Ci/s 111 Coach .. **£22.00**
344394 Bregenzerwaldbahn 3rd Ci/s 108 "*Walderschenke*" Coach **£22.00**
344405 OBB F3ho/s 8500 Post Van – green – EpIII/IV **£32.85**
344522 Zillertalbahn Vs5 Driving Trailer – EpV **£26.00**
344532 Zillertalbahn 2nd Class B4 35 Coach – EpV **£25.00**
370303 Waldviertelbahn *"Xundheitswelt"* Coach 3882 ... **£19.45**
370306 Steyrtalbahn OGEG 5962 Buffet Coach **£16.25**
370307 OBB 2-axle Passenger Coach 95 910-1 *"LITSCHAU"* **£19.45**
370340 SLB 2-axle 2nd Class Nostalgie Coach B/s 402 .. **£16.25**
370341 SLB 2-axle 2nd Class Nostalgie Coach B/s 405 . **£16.25**
370401 OBB 2-axle BRi/s 05 901-9 Coach *"Jausenstuberl"* **£18.75**
370410 Zillertalbahn *"Zell/Ziller Buffet Wagen"* **£18.75**
370413 DR 2nd/3rd Class BCism 259 LiO Passenger Coach **£19.00**
370440 SLB 2-axle 2nd Class Nostalgie Coach B/s 401 .. **£19.25**
370452 OBB Pinzgauerbahn *"Mit HERZ"* Coach **£19.25**
371012 Zillertalbahn P52 Equipment Wagon "*LILIPUT*" . **£20.00**
371013 OBB Goods Wagon 6463 – EpIII **£17.80**
371014 DR Goods Wagon 823 – EpII **£17.80**
371111 Zillertalbahn 1st/2nd Class Coach "*UDERNS*" ... **£18.40**

STANGL HOe
3146 Otscherbar 2nd Class Coach B3146 ..... **£46.85**
3153 Otscherbar 2nd Class Coach B3153 ..... **£46.85**
Mariazell 2nd Coach B3204-0 – brown **£26.25**
OBB Bogie Open with brake end Type OOm/s 76 816-3 ..... **£35.00**

ROCO HOe
31026 **DIGITAL START Set** – OBB "*Otscherbar*" – Class 1099/2×2nd Class/1×2nd/Baggage Coach/Oval Track/Point/Controller **£432.00**
32204 Standard Radius HOe Track – 30 deg. – 261.8mm .. **£1.80**
32205 Curve Adjustment HOe Track – 13.1 deg. – 493mm . **£1.80**
32403 Right-Hand Point – Electric **£25.00**
32409 Left-Hand Point **£15.95**
32411 Right-Hand Point **£15.95**
33222 OBB Class 1099 05 Electric – jaffa/cream **£146.30**
33241 Feldbahn Class 99 4313 Steam Loco – EpIII **£69.95**
33264 DRG Class 99 1114 Steam Loco **£257.65**
34004 Mariazeller 2nd Class Coach B3162 – brown **£38.15**
34019 Mariazeller 1st/2nd Coach AB2101-9 – jaffa/ cream **£39.50**
34551 DR Low-sided Open Wagon 97-41-23 ..... **£18.50**
34600 2×2-axle Industrial Tipper Wagons **£9.45**
34605 2×2-axle Coal Wagons **£9.45**
34606 2×2-axle Mine Wagons **£9.45**
34607 2×Bridge Truck Set **£9.45**

NAROBAHN HOe
1411 OBB "Draisine" Low-sided Trailer – brown **£8.80**
1412 Flat Wagon Inspection Trolley for "Draisine" **£8.80**
0090 St.LB 3-axle G16 Closed Van – grey **£11.30**
0124 L.B.M. St.E 0105 3-axle Low sided Pallet Wagon with brake platform **£10.20**
0125 L.B.M. St.E 0142 2-axle Pallet Wagon – grey **£11.95**
0126 L.B.M. St.E 0117 3-axle Pallet Wagon with brake platform – grey **£11.95**
0127 L.B.M. St.E Kk/p103 3-axle Magnesite Carrier with brake platform **£11.95**
0129 L.B.M. St.E 114 3-axle Magnesite Carrier **£11.95**
0132 L.B.M. St.E 115 3-axle Magnesite Carrier **£11.95**
0159 OBB Class 710.9 *DAIMLER* Static Draisine **£9.80**
0162 2-axle Double Balconied Works Wagon Di/s 6492 – green **£20.00**
0164 2-axle Double Balconied Works Wagon Di/s 64928 – green **£20.00**

HRF HOm Brass Models
SBB Brunig G 3/4 2-6-0 Tank Loco No. 208 ..... **£1,095.00**
SBB Brunig HG 3/3 0-6-0 Tank Loco No. 1067 ..... **£1,125.00**

N GAUGE SELECTION

LILIPUT
163992 SBB 4-unit RABe 526 *FLIRT "SEEHAS"* **£198.50**
265870 DB Bogie Silo Wagon *"FELDBINDER"* **£30.25**
265871 DB Bogie Silo Wagon *"ERMEWA"* **£30.25**

JAEGERNDORFER
60020 Class 1047 505-1 GySEV TAURUS *"Szechenyi"* **£108.25**

HOBBYTRAIN by Lemke
H2710 OBB Class 1216 001-8 TAURUS – red **£99.00**
H2712 OBB Class 1216 226-1 TAURUS *"EU-AT"* **£116.00**
H2713 OBB Class 1216 902-7 TAURUS *"RTS"* **£116.00**
H2715 Class BR183 500-8 TAURUS *"MGW Service"* .. **£116.95**
H2716 OBB Class 1216 018-2 TAURUS with Italian Flag **£113.25**
H2719 Class BR183 701-2 TAURUS *"Train of Ideas"* ... **£113.25**
H2721 SIEMENS BR1216 *2012 EuroPedh Football Championships – "GERMANY"* **£100.75**
H2722 SIEMENS BR1216 *2012 European Football Championships – "POLAND"* **£100.75**
H2723 SIEMENS BR1216 *2012 European Football Championships – "UKRAINE"* **£100.75**
H2747 DB Class BR182 002-6 TAURUS – red **£75.00**
H2812 DB Class BR110 145-0 Electric – blue **£96.50**
H2901 DB BR189 Electric – *RAILION* **£101.45**
H2908 DB BR189 Railion *"Transport Schoner Tulpenlok"* (Germany/Holland) **£108.00**
H2909 Class ES64 F4 Electric *MRCE* Dispolok – *"Bosphorus Europe Express"* **£108.00**
H2911 DB BR189 917 Electric – blue *ZEBRA* livery **£104.95**
H2912 DB BR189 011 Electric – red **£100.90**
H2913 DB BR189 918 Electric – red *ZEBRA* livery **£104.95**
H2951 SBB G2000 VOSSLOH Am 840 *"CARGO"* Diesel **£103.75**
H2957 *"WARSTEINER"* Set – Mehano G2000 Loco and 2×Type Kbgs 442 Wagons *"Warsteiner"* Livery **£133.20**
H2962 Class 193 VECTRON Electric *"EUROPA"* **£121.00**
H2963 Class 193 VECTRON Electric *"RAILPOOL"* **£102.25**
H2966 SNCB Class 18 VECTRON Electric **£103.65**
H5001 4-unit *"TRANSPETROL"* Set – Class 66 HGK DE 672/3×Bogie Tank Wagons **£159.00**
23021 SBB Gms Closed Van – brown **£13.60**
23025 SBB Gms Closed Van – *Rail Constructeur* – blue... **£15.40**
23041 SBB Db Sputnik 99-29 216-6 – green **£17.50**
23042 SBB Db Sputnik 99-29 419-6 – green **£17.50**
23052 2×SBB Ballast Hopper Wagons – *"GUP"* **£49.05**
23053 2×BLS Ballast Hopper Wagons – grey **£49.05**
23054 2×SBB Ballast Hopper Wagons – grey **£49.05**
23554 DB KLV 53 Tractor Crane with Trailer **£107.65**
23555 KLV 53 "*Rent-a-Rail*" Tractor Crane with Trailer. **£107.65**
23561 DB Robel 54.24 Tractor Crane with Trailer **£134.50**
23562 BLS Robel TM 235 Tractor Crane with Trailer **£148.00**
23707 AAE Double Container Wagon Type Sggnos 715 – Swiss *"PTT"* **£39.00**
23713 AAE Double Container Wagon Type Sggnos 715 – Swiss *"PTT"* **£39.00**
23715 DB Double Container Wagon Type Sggnos 715 – *"RINNEN"* **£39.00**
23716 DB Double Container Wagon Type Sggnos 715 – *"BTT/CrossRail"* **£39.00**
25205 OBB *RAILJET* 4-unit Coach Set "*Spirit of Germany*" **£158.50**
25212 OBB *RAILJET* "*175 Jahre Eisenbahn fur Osterreich*" Set – 1×1st/2×2nd & Driving Trailer **£166.35**
25213 OBB *RAILJET* "*175 Jahre Eisenbahn fur Osterreich*" 4 unit Set – TAURUS 1116 249-4/ 2×2nd & 1×1st Class Coach **£235.45**

PIRATA of ITALY *(HOBBYTRAIN)*
LC2901 VOSSLOH G2000.34 HUPAC Diesel **£123.75**
LC2906 G2000.21 Diesel "*FER Ferrovie Emilia*" **£123.75**
LC7011 2×FS "*Fabrica Pisana*" Bogie Wagons with "*Saint Gobain Glass*" Loads **£51.80**

KATO (Lemke)
10100 SBB Re 6/6 11665 *"ZIEGELBRUCKE"* – green **£135.00**
10101 SBB Re 6/6 11642 *"MONTHEY"* – green **£135.00**
10172 SBB Re 6/6 11688 *"LINTHAL"* – green **£146.50**
10502 BLS Ae 4/4 No. 256 – brown **£134.55**
10917 SNCF 10-unit TGV Duplex (with lights) **£295.00**
11602 SBB Re 4/4 I Electric No. 10038 – red **£159.50**
11603 SBB Re 4/4 I Electric 10024 Pendelzug – green. **£159.50**
11604 SBB Re 4/4 I Electric No. 10012 – red **£159.50**
23103 SBB 2nd Class RIC Coach – green/grey **£42.90**
23113 SBB 1st/2nd Class RIC Coach with new logo – green **£31.50**
23116 SBB 1st/2nd Class RIC Coach with old logo – green **£42.90**
23117 SBB 2nd Class RIC Coach with new logo – green **£42.90**
23118 SBB 2nd Class RIC Coach with old logo – green **£42.90**
23204 SBB *"RALPIN"* Coach **£44.70**
23206 SBB Bcm Couchette with old logo – green **£42.90**
23300 SBB Restaurant Coach – orange – EpV **£48.95**
23303 SBB Restaurant Coach – red – EpV **£49.70**
137114 SBB Class 460 016-9 "New Look" Livery **£181.25**

MEHANO
53260 Bombardier BLUE TIGER – *"MKB"* Livery **£98.50**
53261 Bombardier BLUE TIGER – *"ITL"* Livery **£98.50**

MODELLBAHN UNION
30007-A DB Bogie Telescopic Wagon *"Transwaggon"* .. **£26.50**
31006-B Bogie Tarpaulin Wagon *"LogServ"* **£22.35**

ROCKY-RAIL
Sggmrs 90 Twin Container Wagons:
60101 ERS 2×*"P & O NEDLOYD"* **£37.00**
60104 SNCB *"SEACO/CAI"* **£37.00**
Sggrss 90 Twin Container Wagons:
60203 DB-AG *"CHINA SHIPPING/MSC"* **£39.80**

CREANORM
SBB Flat Type Lgnss with 2×*"PTT Post"* Containers
5010 Zuverlassig/rund um die Uhr **£24.65**
5011 Pakete unterwegws/bei Sonne und Regen **£24.65**
5012 Zugig/durch Stadt und Land **£24.65**
5013 Landesweit/okologish **£24.65**
5014 Rapide/per pacchi esigenti **£24.65**
5015 Qualite assuree/24 pre su 24 ..... **£24.65**
5016 Rapido/conpioggia o sole **£24.65**
5017 Jour et nuit/dans tout le pays **£24.65**
5021 Set of 2×2 *"PTT"* Post Wagons – 2×yellow/ 2×white containers (no wording) **£46.50**
9011 Set *POST* Containers – 2×yellow/2×white **£14.00**

ARNOLD (Hornby)
2085 BLS Class Re 4/4 Electric No. 163 ..... **£106.40**
2104 DB-AG Class 146 227-4 Electric *"STUTTGART 21"* **£116.00**
2106 Class 186 149 Electric *"ITL"* Livery **£115.50**
2108 Class 186 Electric – Italian Company *"LINEA"* **£108.95**
2116 BLS CARGO Re 486 501 *"Die Alpinsten"* **£121.00**

ARNOLD
2441 DB Class E16 08 Electric – green **£99.50**
4675 DB Omm Open Wagon with Coal load **£12.00**

PIKO
40223 GTW 2/8 *"STADLER"* 3-unit Railcar – *ARRIVA* .. **£201.90**
94321 SNCF 1st Class ter *"ALSACE"* Coach – EpVI **£44.75**
94322 SNCF 2nd Class ter *"ALSACE"* Coach – EpVI **£44.75**
94323 SNCF 1st Class ter *"ALSACE"* Coach – EpVI **£44.75**

FLEISCHMANN
721102 SBB *CARGO* Diesel 92 80 1203 125-0 – EpVI ... **£87.55**
726008 *Rail CARGO Austria* Class 2016 Diesel – *"Stern Hafferl"* **£170.00**
731302 SBB Class 460 044-1 Electric – red **£128.75**
731304 BLS Class 465 018-0 Electric **£128.75**
731306 SBB Class 460 021-9 Electric *"Le Lait KUH"* .. **£132.80**
737207 SBB Class Ae 6/6 No. 11421 Electric – green . **£167.75**
737208 SBB Class Ae 6/6 No. 11470 Electric – red **£167.75**
737302 OBB Class 1010 Electric – jaffa **£203.70**
737304 OBB Class 1020.20 Electric – EpIII **£189.35**
738506 BLS CARGO/ANGEL TRAINS Class 185 535 ... **£165.00**
738507 BLS CARGO 485 003 Electric – *"Die Alpinisten"* **£225.00**
781208 OBB 1216 020 *"175 Years of Railway in Austria"* **£160.95**
781302 DB-AG Class BR111 066-7 Electric – *"ROCO/Bayern Ticket"* Livery **£152.90**
867385 Class 185 541 *Rail4Chem "EUROPEAN BULLS"* Livery **£154.30**
8143 DB *RegionalBahn* 2nd Class Driving Trailer **£31.45**
814434 OBB WRmz 88-95 Dining Coach – current livery **£40.00**
816901 OBB 2nd Class Eurofima Coach **£27.15**
825403 DB *RAILION* Bogie Stake Wagon Rnoos 644 with wooden stake load **£39.60**
828702 SBB Res Flat Wagon with Prussian Bogies Load **£31.75**
828806 Bogie Flat Wagon Type Res with Ballast Load **£33.00**
838812 2×SBB Telescopic Roof Wagons **£50.55**
852309 2×High Capacity Self-unloading Hopper Wagons Type Falns – *"ERR"* **£44.20**
860701 *CityNightLine* T2S Sleeping Car **£41.55**
8615 DB-AG IC/EC Restaurant Coach **£30.90**
867601 OBB 1st/2nd Class Express Coach – jaffa/cream **£36.35**
867701 OBB 2nd Class Express Coach – jaffa/cream ... **£36.35**
867704 OBB 2nd Class Express Coach – jaffa/cream ... **£36.35**
867705 OBB 2nd Class Express Coach – jaffa/cream ... **£36.35**
8702 DR Guards Van **£24.00**
8755 *SihltalBahn* Double-deck Coach **£31.35**
878240 DB 2-axle Container Wagon *"Wurth"* **£15.45**
881102 DB Beer Wagon *"Lowenhof"* **£21.55**
890181 SBB 2nd Class EW IV Driving Trailer **£59.50**
890202 SBB 1st Class EW IV Coach – green/grey **£25.25**
890203 BLS 1st Class EW IV Coach **£25.25**
890303 SBB 2nd Class EW IV Coach **£25.25**
890304 SBB 2nd Class EW IV Coach **£25.25**
9574 Close Coupling additional pack **£4.25**

BRAWA
4564 Telephone Kiosk **£7.70**
6560 Funicular Set **£96.00**
6570 Building Kit for Funicular 6560 ..... **£21.45**
1820 Set 3×DB Low-sided Wagons **£41.00**
47052 DB Tank Wagon *"Hexawa"* – EpIII **£27.25**
63012 Swiss Ae 477 910-4 Electric – *"STOOS"* **£109.70**
65200 SBB 1st Class EW II Coach – green **£30.70**
65201 SBB 2nd Class EW II Coach – green **£30.70**
65202 SBB 2nd Class EW II Coach – green **£30.70**
65206 SBB 1st Class EW II Coach – green **£30.70**
65207 SBB 2nd Class EW II Coach – green **£30.70**
65208 SBB 2nd Class EW II Coach – green **£30.70**
67058 DB Bogie Tank Wagon *"Westfalen AG" (2012 Model)* **£28.45**

This advert contains only a small selection of our stocks. All items listed were available from stock at copy date.

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N Gauge

Germany

Arnold - Wagons



HN6120 2 x sliding wall wagons. Habiis Transwaggon DB . £46

Liliput - Wagons



L265871 Silo Wagon for powder transport "Ermewa" DB Era 5 £32

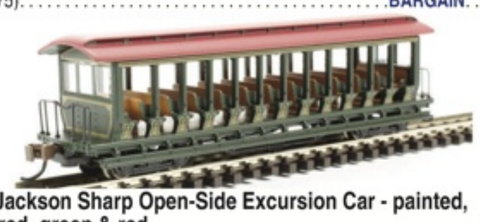


L265772 Transport Wagon for Sheet Metal Coils Sliding Yellow Tarpaulin E+H Era 4/5 ..... £23

USA - Bachmann USA - Coaches



14161 American 85ft Amfleet I Phase II Amtrak Cafe lighted interior (list £30.75). ..... BARGAIN . £19
14160 American 85ft Amfleet I Phase II Amtrak cafe lighted interior (list £30.75). ..... BARGAIN. . . £19



19396 Jackson Sharp Open-Side Excursion Car - painted, unlettered, green & red £20

Diesel locos

63154 ALCO S4 Diesel ATSF #1528 (DCC On Board) £65



61251 American GP50 diesel loco in Union Pacific £25



82051 GE 70 Ton Diesel - Black - unlettered (list £84.50) NEW. ..... BARGAIN . £49

Steam locos



84553 2-8-0 Consolidation Steam Locomotive Santa Fe #2514 (list £146.25) ..... BARGAIN . £99



51456 American Baldwin 4-6-0 loco 237 in Chicago Northwestern (list £118.25). ..... BARGAIN . £77
51454 Baldwin 4-6-0 - Union Pacific #1590 (list £118.25) ..... BARGAIN. . . £79



83352 N 2-10-2 (DCC) Chicago & Illinois Midland #600 NEW. . £175

Trams



61092 Brill Trolley - New York Central Third Avenue railway system £28



61093 Brill trolley car in green (motorised) £27



84651 Peter Witt street car - Toronto (list £106.25) NEW ..... BARGAIN . £59

Wagons



19455 50' Sliding Door Box Car Union Pacific. £15
17952 ACF 50' Steel Reefer "Canadian National" £14



17955 ACF 50' Steel Reefer Tropicana (White & Green) £14

HO Gauge

China

Bachmann China - Coaches



CP01904 22 Potal Car #7672 Shanghai - interior light £58
CP01307 22RW Coach Shanghai #551822 NEW £46



CP01201 22RZ Coach Shengyang #10381 NEW £46



CP01812 25K Air Conditioned Electric Power Supply Car #998503 Beijing - interior light NEW. £77
CP00402 Chinese 25T coach 533707 NEW £22



CP00548 YW22B Air-conditioned Sleeping car #666798 Guangzhou - interior lighting £51
CP01037 YZ22 Passenger Car New Edition #338008 Zhengzhou NEW £44



CP01101 YZ25G Air-Conditioned Passenger Car #350525 Jinan NEW. £44

Diesel locos

CD00108 DF11 Artery Quasi High Speed Passenger Diesel Locomotive #0448 Jinan NEW £103



CD00105 DF11 Artery Quasi High Speed Passenger Diesel Locomotive #0452 Beijing NEW £103
CD00704 DF7G Diesel Locomotive Beijing #5013 (list £137) . . BARGAIN. . . £60



CD00904 ND2 Diesel Locomotive Shanghai #0131 NEW . . £126
CD00909 ND2 Diesel Locomotive Shanghai #0187 NEW £126
CD01009 ND5-2 Diesel Locomotive Jinan #0399 NEW. £132



CD00404 NJ2 Diesel Locomotive Qinghai-Tibet Railroad #0076 green NEW £117

Steam locos



CS00306 JS Class 2-8-2 steam loco 8377 Sancha-Luocheng in black & red (list £231). ..... BARGAIN £177

Wagons



CF00712 GQ70 tank car in silver & red #0272526 ..... £29

France - Jouef - Wagons



HJ6041 Set of 2 Hopper wagon Granit flat sides SNCF (list £65). ..... BARGAIN . £48



HJ6056 Tank wagon Millet. £24

Germany - Liliput - Coaches



L334409 Baggage Car 3-Axle Pw3 Pr11 DR. Era 3 NEW. . . . £32



L328721 Survery coach of the German DB in yellow - Era 4 (list £37.90) ..... BARGAIN . £12

Steam locos



L131022 Class BR75 2-6-2 Tank loco of the German DRG in black & red Era 2 ..... £143



L131723 Freight loco BR 45 023 new build boiler DB Ep.III £250

Lima - Track Maintenance vehicles



HL6025 Rail cleaning wagon in Ultra Clean red £16

Liliput - Train packs



L230103 Hopper construction Bauzug-Set "Fa. WIEBE" Era 5 (list £115.70) ..... BARGAIN . £89

Rivarossi - Wagons



HR6106 Wagon tank 4-axle BASF (list £34.20) . BARGAIN . £22

Japan - Bachmann China - Diesel locos



JKS0010 Kawasaki DB3 Class 4-4-4 tank engine in purple and yellow (list £160). ..... BARGAIN . £68

USA - Bachmann USA - Coaches



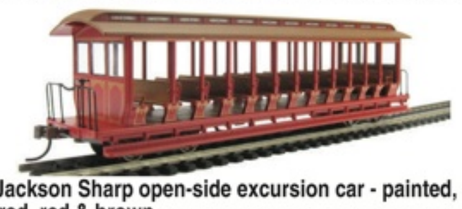
16703 52' 6" Flat Car c/w 35' Trailer - New York Central. . . . £20



13343 89' - Mckinley Explorer "Eklutna" #1054 (A Car) (Lighted Interior) £30



16102 American 250 Ton steam crane car and boom tender "Santa Fe" £25



19349 Jackson Sharp open-side excursion car - painted, unlettered, red & brown £21

Diesel locos



63905 ALCO RS-3 Diesel L & N #108 (DCC Sound). £101



63310 ALCO S2 Diesel Switcher Chicago Burlington & Quincy #9302 ..... £55



63309 ALCO S2 Diesel Switcher CP Rail #7020. ..... £55



63401 ALCO S2 Diesel Switcher Santa Fe #2354 (DCC Sound) £99
63306 ALCO S2 Diesel Switcher Southern #2230. ..... £55



63209 ALCO S4 Diesel ATSF #1529 (DCC Sound). £89



63208 ALCO S4 Diesel New York Central P&LE #8663 (DCC Sound). £89
63207 ALCO S4 Diesel Southern Pacific #1469 (DCC Sound) £89

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UK P&P £4

£7 P&P Next Day (Orders before 2pm)

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Est. 1946
Model Railways Ltd.





63210BAC ALCO S4 Diesel Union Pacific #1167(DCC On-Board) £89



65102 EMD DD40AX Centennial Union Pacific #6929 (DCC Sound) £128
65103BAC EMD DD40AX Centennial Union Pacific #6940 (DCC Sound) .. £128
64302 F7-A Diesel New York Central (DCC Sound) £86



64303 F7-A Diesel Norfolk Southern #4271 (DCC Sound) .. £86



64301 F7-A Diesel Santa Fe (DCC Sound) £86



63706 F7-A Diesel Western Maryland..... £42



64401 F7-B Diesel "Santa Fe" (DCC Sound) £86
64402BAC F7-B Diesel New York Central (DCC Sound) £86



63806 F7-B Diesel Western Maryland..... £42



85202 GE Center cab 45 Ton switcher in black yellow handrails . £74

Steam locos

50205 American GS4 4-8-4 steam loco & tender 1976 American Freedom Train (DCC on board) £120



80409 EM-1 2-8-8-4 steam loco B&O #7620 Dual headlight small dome (DCC On Board)..... £231



85105 Maryland & Pennsylvania #6 steel cab. DCC Sound (list £307.95) ..... BARGAIN £200
52103 Porter 0-6-0 Side Tank "Midwest Quarry" #12 (DCC On Board)..... £75



52104 Porter 0-6-0 Side Tank "Pennsylvania" #2780 (DCC On Board) £75



52001 USRA 0-6-0 W/Smoke & Short Haul Tender - Smoky Mountain #45 ..... £63

Rivarossi - Steam locos



HR2469 4000-Class 4-8-8-4 4008 Big Boy steam loco NEW £270



HR2477 S100 Type Steam Locomotive USATC No.1948 in black £163

Peco Products

Track - Code 83 North American



SL-8300 Box of 25 1 yard flexible wooden sleeper rail (nickel silver)..... £65
SL-8300 Single..... £3



SL-E8362 Left hand point/turnout #6 radius (1092mm) electrofrog..... £15
SL-8382 Left hand point/turnout #8 radius (1702mm) insulfrog (nickel silver). £17
SL-E8361 Right hand point/turnout #6 radius (1092mm) electrofrog..... £15

Bachmann USA

Track Maintenance vehicles



46202 American Gandy Dancer electrically powered hand car, workmen pump up and down £24

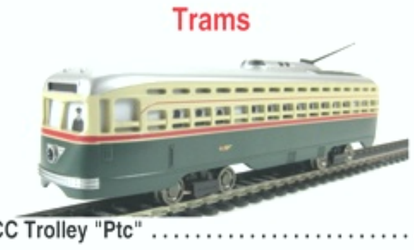


46204 American maintenance of way step van high railers. £32



16946 American Speeder With Work Crane & Cart (motorised) £48

Trams



62945 PCC Trolley "Ptc" £27



62947 PCC Trolley - BTC (Yellow & Cream)..... £27



62935 PCC Trolley - Toronto Transit £27

Wagons



80503 380Ton Schnabel Transformer wagon in red & black silver transformer..... £137



19604 50' Outside Box car "Providence & Worcester" (list £18.25) ..... BARGAIN . £12
16702 52' 6" Flat Car c/w 35' Trailer B&O - Railway Express £20



16304BAC Track Cleaning Tank Car "CF Simon's Sons Inc." NEW £27
16303BAC Track Cleaning Tank Car "White Oil Corporation" in red NEW ... £27

HOe/HOn30 Scale

Germany

Liliput - Coaches

L344405 Baggage coach 3-axled 'Bregenzer Waldbahn Museumsbahn' Era 3 £34



L344410 Dome Car Museum coach, NLB Era V NEW..... £34

Steam locos



L141484 Tank Loco U 1 Zillertalbahn. Era 3..... £127

Switzerland - Liliput - Diesel locos



L142109 Diesel Loco D16 blau - Zillertalbahn. Era 5..... £128

OO Gauge

Hong Kong

Bachmann China - Trams



CE00601 Hong Kong Tram Car anniversary "Since 1904". Ltd Ed £64

Republic of Ireland

Murphy Models - Coaches

MM1515 Irish Cravens 2nd class coach in original £39



MM1508 Irish Cravens buffet coach/snack car in orange & black (list £44.95)..... BARGAIN . £36



MM5601 Irish MkII generator coach in 'Galway' £39
MM5411 Irish MkII restaurant coach in 'Galway' £39

Diesel locos



MM7071 Irish Class 071/111 diesel loco 071 in IE grey yellow end panels. Ltd production of 250 pieces certificate NEW £135
MM7078 Irish Class 071/111 diesel loco 078 in IE grey yellow end panels. Ltd production of 250 pieces certificate NEW..... £135
MM0088 Irish Class 071/111 diesel loco 088 in CIE original £125
MM0078 Irish Class 071/111 diesel loco in IE small logo £125
MM0085 Irish Class 071/111 diesel loco in IE orange (weathered)..... £125



MM0077 Irish Class 071/111 diesel loco in IE orange 077 .... £125
MM0080 Irish Class 071/111 diesel loco in NR orange & black £125

On30 Scale

USA

Bachmann USA - Steam locos



28201 Porter 0-4-2 - Maroon Unlettered - DCC Sound £159

Wagons



27318 Flat Car "D&RGW"..... £22

G Scale

Germany

Liliput - Trams



L193500 Motorised Tram Nurnberg-Furth Eras 1/2..... £106
L193505 Tram Trailer Nuernber-Fuerther-Strassenbahn Era 1/2 ..... £71

USA - Bachmann USA - Wagons



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88798 Long Caboose W/Lighted & Detailed Interior Painted, Unlettered - Oxide Brown (list £210.95) ..... BARGAIN £112

Z Gauge

Germany

Marklin - Train sets - analogue

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M81863 Steam goods starter set £380

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LILIPUT

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L334530 Passenger Coach 2nd Class, DRG..... £26.99
L334533 Express Passenger Coach 2nd Class DRG..... £39.99
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L334556 Baggage Van Pw4ye-29 105 274 DB EP..... £33.99
L334557 Baggage Car No. 927 92-43 072-8 DB..... £38.99
L334558 Baggage Van Pw4A 641-013 DR EP..... £33.99
L334570 Fast Train Coach 2nd Class B4i Bad 03 DB..... £38.99
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L388996 Passenger Coach EW III Endwagen 81-34 002-1 NINA BLS..... £36.99

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L245410 Flat Bed Wagon, DR with brakemans cabin..... £29.99
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L370307 Passenger Coach OBB..... £20.99
L370351 Passenger Coach 2nd Class No. 3863-3 'Kuenringertaverne'..... £16.34
L370401 Passenger Coach 'LAUSENSTUBERL' OBB..... £19.99
L370413 Passenger Coach 2nd & 3rd Class No. 259 LIO DR..... £19.99
L370452 Passenger Coach No. Bis 3541-3 'Pinzgauerbahn' OBB..... £20.99
L371012 Equipment Wagon No. P52, Zillertalbahn..... £21.99
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E0920 2 Axle Hopper Wagon No. 6225007-2 Coal Load, weathered, RENFE..... £24.99
E1260 Open Wagon with Cola Load, weathered, RENFE..... £22.99
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E15002 1st & 3rd Class Passenger Coach No. AAC-331 RENFE..... £56.12
E15003 3rd Class Passenger Coach No. CC-470 RENFE interior lights..... £56.12
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E15005 3rd Class Passenger Coach No. CC-481 RENFE interior lights..... £56.12
E15007 Passenger Coach 3rd No. CC-333 RENFE..... £41.99
E15009 1st & 3rd Class Passenger Coach No. ACC-319 RENFE interior lights..... £54.99
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E1545 Low Side Wagon - Type K39 with Colas Rail Containers..... £24.99
E1546 Low Side Wagon RENFE - Type Ks with 2 Containers..... £24.99
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E1611 Hbis Type Wagon No. 210 7034-8 Transfesa, RENFE..... £24.99
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E1653 Hbis Sliding Door Wagon No. 1563 000-9 MWB..... £16.99
E1654 Low Sided Wagon Type Ks loaded with Wheels, RENFE..... £24.99
E1655 Hbis Box Car Wagon Faustino V, RENFE..... £17.50
E1656 Low Side Wagon Type Ks with load of tubes, SNCF..... £22.99
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E1765 Hbis Wagon, Green RENFE..... £16.99
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E18009 Passenger 2nd Coach No BB-8640, RENFE..... £40.50
E18010 2nd Class Passenger Coach No. BB-8705..... £40.50
E18013 Couchette Passenger Coach 8000 No.BBL-8222..... £40.50
E18014 Passenger 1st/2nd 8000 No. AAB-8004, RENFE..... £40.50
E18020 Coach 1st No. AA-8120, Green RENFE..... £37.99
E18021 2nd Class Coach No. BB-8015, RENFE..... £37.99
E18022 2nd Coach 8000 No.BB-8792, Green RENFE..... £37.99
E18023 2nd Class Couchette Coach No. BBL-8221 with night interior..... £50.99
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E1833 Wagon Box Car, ORE RENFE..... £24.99
E19002 Open Wagons with Coal Load, weathered Artaza & Cia Carbones..... £41.99
E19003 Wagon Box Car Granja San Antonio for live stock, RENFE..... £22.99
E19006 Wagon Box Car Anis Del Mono RENFE..... £22.99
E2120 Self Propelled ABJ-1 NORD..... £153.14
E2204D Automotor 2400 - X 2478 SNCF DCC Fitted..... £203.18
E2400 Class 316 Diesel Loco No. 316-008, RENFE..... £160.00
E2411D Class 316 Diesel Loco No. 316-002 RENFE DCC Fitted..... £233.82
E2411S Class 316 Diesel Loco No. 316-002 RENFE DCC Sound..... £322.67
E2452 Class 318 Diesel Loco No. 1807, RENFE..... £160.00
E2588D Class 251 Electric Loco No. 251-026, DCC Fitted..... £195.00
E2634 Class 269 Electric Loco No. 269 902 RENFE Grande Lineas..... £176.99
E2684 Class 269 Electric Loco No. 269 015 RENFE..... £178.67
E2686 Class 269 Electric Loco Colores Amarillo Y Gris..... £135.00
E2692 Class 269 Electric Loco No. 269 604 5 RENFE..... £198.08
E2751D Class 281 Electric Loco No. 1004, DCC Fitted..... £175.00
E2753D Class 281 Electric Loco No. 1002 RENFE DCC Fitted..... £215.44
E2812D Diesel Loco as above, DCC Sound Fitted..... £185.00
E2818 Diesel Loco No. 65526 SNCF..... £199.99
E3016 Class 7200 Electric Loco No. 7212 RENFE..... £268.99
E3109 Class 321 Diesel Loco No. 321 042-4 Comsa..... £199.99
E3113 Class 321 Diesel Loco No. 321-063 RENFE Green/Yellow..... £199.99
E3265 TALGO Altaria Cafe Coach, RENFE..... £19.50
E3324 TALGO III RENFE Pack of 6 Coaches..... £159.99
E3510 2 Car Regional Diesel TRD RENFE..... £230.99
E3512 2 Car Regional Diesel TRD RENFE..... £245.99
E3602 3 Car Electric Unit Class 440 Cercanias RENFE..... £284.89
E3698 Electric Loco No. 253 004 Operadora DC RENFE..... £199.98
E3706D BB Electric Loco No. 1628, SNCF DCC Fitted..... £170.00
E4152 Class 141 Mikado Steam Loco Original State DC..... £305.99
E5079 1st Class & Cafeteria Coach No. Aar 5099 RENFE..... £39.99
E5167 Rmms Platform Wagon No. 83 71 395 9 007-4..... £18.50
E5169 Rmms Platform Wagon No. 83 71 397 1 004-5 RENFE with two tanks..... £34.99
E5170 Rmms Platform Wagon No. 83 71 397 1 013-6 RENFE with two tanks..... £34.99
E5171 Rmms Platform Wagon No. 83 71 397 1 027-6 RENFE with two tanks..... £34.99
E5180 Low Sided Wagon Type Rs with 3 Containers RENFE..... £34.67
E5181 Low Side Wagon Type Rs - 3 containers, RENFE..... £26.99
E5182 Container Flat Wagon with 3 x 20ft Containers..... £34.67
E5186 Flat Wagon Type Rs, weathered sleepers, COMSA..... £25.99
E5187 Low Side Wagon RENFE Type Rmms Ballast Load..... £31.99
E5188 Flat Wagon Type Rs RENFE weathered Concrete Sleepers..... £33.99
E5369 Gondola Wagon Type Falos RENFE Operadora Green..... £17.50
E5383 Gondola Wagon No. 592 8 007-7 Type Falos Rail Sider RENFE..... £25.99
E5384 Gondola Wagon 592 8 446-9 Type Falos Algeposa Intermodal RENFE..... £25.99
E5477 Hopper Wagon for Cement Type Uacks Cementos Intermonte RENFE..... £19.40
E5478 Hopper Wagon for Cement in Cementos Tudela Veguin RENFE..... £23.44
E5484 Uacs Tank Wagon Ciments Calcia FS..... £21.99
E5485 Tank Wagon Type Uacs No. 930 5 207-0 Transfesa RENFE..... £28.99
E5486 Tank Wagon Type Uacs No. 930 5 504-8 Cementos Protland RENFE..... £28.99
E5489 Limited Edition On Rail Phosphoros Tank Wagon..... £28.99
E5570 Sliding Wall Box Wagon Type Habiss No. 265 0 571-3 Agricola RENFE..... £28.99
E5717 CRRF private owned Hopper Wagon with simulated coal load SNCF..... £16.34
E5718 Hopper Wagon Type Fanos, RENFE..... £24.46
E5723 Hopper Wagon Capcot EDF Type EF 60 with Cola Load SNCF..... £16.34
E5755 Hopper Wagon Transfesa - simulated sand load, weathered RENFE..... £24.46
E5756 Hopper Wagon Transfesa, weathered RENFE..... £25.99
E5758 Hopper Wagon Cargas, weathered with coal load RENFE..... £28.99
E5873 Tank Wagon Type Uacns RENFE..... £26.50
E5879 Tank Wagon No. 765 0 047-1 with Savesa branding RENFE..... £26.50
E5887 Tank Wagon Type Uacns No. 729 6 023-2 RENFE..... £30.99
E6020 Double Decker Auto Carrier Articulated Wagon Type Laes SNCF..... £46.93
E6030 Articulated Car Carrying Wagon SEMAT, RENFE..... £21.99
E6032 Car Wagon SITFA, with 8 Mini Motor Cars..... £36.50
E6033 Car Transport Wagon Transfesa Hispanauto, RENFE..... £22.99
E6034 Double Decker Car Carrier RENFE..... £33.99
E6310 Low Side Wagon Transfesa for Industrial Vehicles RENFE..... £27.99
E6509 Pack 3 Wagons Type Ealos, weathered RENFE..... £47.50
E6517 Open Wagons Type Ealos, STEMIL RENFE..... £52.99
E8000 Hopper Wagon Type Uas No. 566 0 387 7..... £24.50
E8007 Hopper Wagon Mercaguadiana RENFE..... £31.99
E8012 Grain Hopper Wagon Tolva Sucran RENFE..... £31.99
E8015 Tank Wagon Type Tagpps No. 566 0 500 5 Cerveza Aguila RENFE..... £31.99

Roco

Roco HO/HOe Gauge

34551 4 Axle Open Wagon No. 97-40-99, DR..... £19.99
34552 4 Axle Box Van No. 97-42-17, DR with brakeman platform..... £19.99
45156 Sleeping Coach No. 61 85 71-70 914-5, SBB..... £34.67
62293 Class 74 2-6-0 Steam Tank Loco No. 74 1202, DRG..... £137.87
62436 Class 155 Electric Loco No. 155 001-1, DB Cargo..... £154.99
62495 Class Rh 1044 Electric Loco No. 1044 115, OBB..... £145.00
62547 Class 110.3 Electric Loco No. 115 509-2, DB AG..... £179.99
62700 Class 152 Electric Loco No. 152 086-4, DB Railion..... £168.51
62842 Class BR221 Diesel Loco No. 221 143-1, DB..... £137.87
62965 Class V60 Diesel Loco No. V60 126, DB..... £159.99
63018 Rail Bus Class 5081, OBB..... £246.50
63045 3 Car Class 420 Electric Unit, DB..... £164.99
63130 3 Car Class VT12.5 Diesel Railcar, DB Red..... £269.99
64270 S-Bach Coach 2nd Class Jagermeister branding, DB..... £39.99
64271 S-Bach Coach 2nd Class Jagermeister branding, DB..... £39.99
64272 S-Bach Coach 1st & 2nd Class Jagermeister branding, DB..... £39.99
64273 Cab Trailer Coach 2nd Class S-Bach Jagermeister branding, DB..... £59.99
64391 Passenger Coach 2nd Class Bih No. 37 165, OBB..... £26.99
64392 Passenger Coach 2nd Class Bih No. 37 007, OBB..... £26.99
64838 Passenger Coach 1st Class No. 51 50 19-80 061-1, DR..... £38.99
64842 Brake Passenger Coach 2nd Class No. 51 50 82-40 005-9, DR..... £38.99
66327 Sliding Wall Wagon No. 34-80-2693050-6, VTG Ferrywagon..... £29.99
66352 Flat Wagon with lorry load, DB..... £28.09
66624 Container Flat Wagon with 2 x 20ft Containers, Rail Cargo Austria..... £42.89
67016 Cylindrical Container Wagon Set - 2 Wagons, 6 Containers in DB livery..... £51.99
67745 Sliding Wall Box Van No. 5718 048-9, DB..... £13.99
67762 Flat Wagon No. 399 4 132-7, DB AG with tank load..... £36.71
67764 Flat Wagon No. 334 5 926-6, DB AG with twin lorry load..... £36.71
67765 Flat Wagon No. 334 5 912-6, DB AG with twin lorry load..... £36.71
72448 Class ES64 Electric Loco No. ES 64 U2 029 TX Logistics..... £184.99
72515 Class 185 Electric Loco No. 185 691-3 Railpool..... £155.00
72800 Stoll Beilhack Rotary Snow Blower - DCC Sound fitted..... £364.99
72860 Class BR220 Diesel Loco No. 220 028-5 DBoI..... £115.00

Spectrum

Bachmann Spectrum ON-30

25241 2-6-0 Steam Loco No. 21 in Colorado & Southern livery..... £104.99
25242 2-6-0 Steam Loco No. 136 Denver & Rio Grande Western Rail Road..... £100.99
25249 2-6-0 Steam Loco in painted unlettered Bumble Bee livery..... £100.99
25477 Baldwin 2-4-4 Forney Steam Loco Sandy River & Rangely Lake..... £184.99
25478 Baldwin 2-4-4 Forney Steam Loco painted unlettered w/outside frame..... £184.99
25479 Baldwin 2-4-4 Forney Steam Loco painted unlettered w/inside frame..... £184.99
25499 Baldwin 2-4-4 Forney Steam Loco painted unlettered with inside frame..... £291.99
25660 T Boiler Die Cast Two Truck Shay Steam Loco in Pocahontas Lumber..... £184.99
25661 T Boiler Die Cast Two Truck Shay Steam Midwest Quarry & Mining Co..... £184.99
25962 Baldwin 2-8-0 Consolidation Steam Loco Colorado Mining Co..... £174.99
25999 Baldwin 2-8-0 Consolidation Steam Loco painted unlettered Black..... £99.99
28058 0-4-0 Porter Steam Loco in painted unlettered Black livery..... £176.99
28098 0-4-0 Porter Steam Loco painted unlettered Black w/vertical cab panel..... £98.99
28201 0-4-2 Porter Steam Loco in painted unlettered Maroon livery..... £176.99
28202 0-4-2 Porter Steam Loco in painted unlettered Black livery..... £176.99
28204 0-4-2 Porter Steam Loco No. 3 in Tioga Lumber Co livery..... £176.99
28205 0-4-2 Porter Steam Loco No. 2 in Clear Lake Lumber livery..... £176.99
28257 0-4-2 Porter Steam Loco No. 9 in Greenbrier & Big Run Lumber livery..... £98.99
28259 0-4-2 Porter Steam Loco No. 2 in Tioga Lumber Co livery..... £98.99
28299 0-4-2 Porter Steam Loco in unlettered Black livery..... £98.99
28301 4-4-0 American Steam Loco in painted unlettered Black livery..... £219.99
28303 4-4-0 American Steam Loco in painted unlettered Black livery..... £210.99
28303 4-4-0 American Steam Loco in painted unlettered Black livery..... £219.99
28305 4-4-0 American Steam Loco in painted unlettered Black livery..... £210.99
28322 4-4-0 Modern outside framed American Steam painted unlettered Blk..... £210.99
28324 4-4-0 Outside Frame American Steam Black unlettered Brass Cap..... £210.99
28325 4-4-0 Modern Outside Framed American Steam painted unlettered Blk..... £210.99
28457 Rail Bus & Trailer in Greenbrier & Big Run Lumber Co livery..... £154.99
28460 Rail Bus & Trailer in Pocahontas Lumber Co livery..... £154.99
28501 T Boiler Two Truck Shay Steam Loco painted unlettered Black..... £291.99
28502 T Boiler Two Truck Shay Steam painted unlettered Blk white pin stripes..... £291.99
28503 T Boiler Two Truck Shay Steam painted unlettered Black..... £291.99
28504 T Boiler Two Truck Shay Steam painted unlettered Blk white pin stripes..... £291.99
28601 28 Ton Two Truck Climax Steam painted unlettered Blk red white trim..... £291.99
28603 28 Ton Two Truck Climax Steam painted unlettered Black w/white trim..... £291.99
28657 Baldwin 4-6-0 Steam Loco No. 31 in Greenbrier & Big Run Lumber..... £223.99
28670 Baldwin 4-6-0 Steam ET&WNC 12 Steel Cab Green w/gold lining red..... £223.99
28671 Baldwin 4-6-0 Steam Loco ET&WNC 11 Steel Cab Blk w/red windows..... £223.99
28696 Baldwin 4-6-0 Steam Loco painted unlettered with Steel Cab..... £223.99
28697 Baldwin 4-6-0 Steam painted unlettered with wood cab fluted domes..... £223.99
28701 2-6-6-2 Articulated Steam Loco painted unlettered with wood cab..... £296.16
28703 2-6-6-2 Articulated Steam No. 42 Greenbrier & Big Run Lumber Co..... £335.99
28704 2-6-6-2 Articulated Steam No. 40 Pocahontas Lumber Co w/steel cab..... £335.99
28705 2-6-6-2 Steam Loco No. 44 Midwest Quarry & Mining with steel cab..... £335.99
28706 2-6-6-2 Articulated Steam Loco No. 48 Colorado Mining Co w/wood cab..... £335.99
28757 2-6-6-2 Articulated Steam Loco No. 41 Greenbrier & Big Run Lumber..... £238.99
28760 2-6-6-2 Articulated Steam Loco No. 42 Pocahontas Lumber Co..... £238.99
28761 2-6-6-2 Articulated Steam Loco No. 43 Midwest Quarry & Mining Co..... £238.99
28762 2-6-6-2 Articulated Steam Loco No. 46 Colorado Mining Co..... £238.99
28798 2-6-6-2 Articulated Steam Loco pain

HJ2071 Diesel Railcar Series X 73580 SNCF Bourgogne....£166.99
HJ2081 BB Electric Loco No. 669204 SNCF Infra Yellow....£149.99
HJ2083 Electric Loco BB 26000 No. 26048 SNCF....£195.99
HJ2088 Electric Loco BB 22310 'en voyage' SNCF....£93.99
HJ2089 Junior Electric Loco BB 22000 No. 22298 SNCF Fret....£93.99
HJ2091 Electric Loco BB 22347 SNCF Multiservice....£93.99
HJ2132 X 73500 Railcar Lorraine....£184.99
HJ2138 CC Electric Loco No. 21003 SNCF....£192.99
HJ2142 BB Diesel Loco No. 667627 Infra SNCF....£164.99
HJ2144 Diesel Railcar X73500 Neutral SNCF large TER logo....£168.99
HJ2160 Diesel Railcar V X73500 Neutral - decals for 3 liveries, SNCF....£168.99
HJ2161 Diesel Railcar X73500 Conseil Regional Pays de la Loire SNCF....£168.99
HJ2162 Diesel Railcar X73500 Neutral TER, decals 3 liveries, SNCF....£168.99
HJ2166 BB Electric Loco No. 26003, SNCF Shadow....£185.99
HJ2168 Class CC6500 Electric Loco No. 6547, SNCF....£206.99
HJ2170 Class 36300 BB Electric Loco No 436332 SNCF....£172.99
HJ4007 TEE Inox Express Passenger Coach 'Le Cisalpin' Set, SNCF....£139.99
HJ4013 Local Passenger 2nd Class Coach SNCF Transilien....£40.99
HJ4014 TEE Inox Express Passenger Coach 'Le Mistral' Set, SNCF....£192.99
HJ6022 Set of 2 Guyomarc'h Grain Hopper Wagons....£58.99
HJ6023 Set of 2 Storione Hopper Wagons....£58.99
HJ6024 Michel Blanc Grain Hopper Wagon....£30.99
HJ6028 Junior Closed Wagon with sliding sides, SNCF....£19.00
HJ6029 Goud Grain Hopper Wagon with curved sides, SNCF....£30.99
HJ6040 Set of 2 Hopper Wagons Cooperl....£58.99
HJ6042 Grain Hopper Wagon Transcereales, CTC....£32.99
HJ6051 Junior Line SNCF Fret with Sliding Wall Wagon....£17.00
HJ6057 Flat Wagon with Bogies No. 398 6178-9, SNCF....£25.99
HJ6069 Grain Hopper Wagon Soufflet Flat sides, SNCF....£32.99
HJ6070 SNCF TMF CITA Hopper Wagon Set of 2....£58.99
HJ6076 Flat Wagon Remms with Sleepers Load, SNCF....£38.99
HJ6078 High Walls Wagon INFRA Type Eaos, SNCF....£23.99
HJ60 [illegible] No. 351 4 6716 Brakeman's Cab Empty, SNCF....£14.00
HJ6084 Junior Line Flat Car Brakeman's Cab with pipe load, SNCF....£14.00
HJ6085 Junior Line Two Barrel Wagon, SNCF....£14.00
HJ6086 Junior Line Tank Wagon Bogies shell, SNCF....£15.00

Lima

Lima HO (Hornby International)

HL2003 Class 110 Electric Locomotive No. 110 004-9, DB....£120.99
HL2010 Class D445 Diesel Locomotive No. D445 1052, FS Trenitalia....£53.99
HL2011 Electric Locomotive Class E.444 No. E444 001, FS....£53.99
HL2012 Diesel Shunting Locomotive, FS....£31.99
HL4006 Double Decker Coach with control cab, FS....£17.99
HL4021 Carriage Set with 2 intermediate coaches for Cisalpino 2 unit set....£28.99
HL4031 Restaurant Coach, FS....£26.99
HL4032 Sleeping Coach, FS XMPR....£26.99
HL6004 Hooper Wagon Type Tadgs, DB Cargo with moveable hatch....£17.99
HL6016 Open Wagon, FS....£11.00
HL6017 Refrigerator Wagon, Interfrigo....£14.00
HL6018 Flat Wagon with brakemans cab, FS....£11.00
HL6022 Austrailian Railroad Open Freight Car with removable tarpaulin....£21.99
HL6039 Refrigerated Wagon, SNCF....£14.00
HL6040 Refrigerated Wagon, SNCF....£14.00
HL6041 Platform Wagon with Brakeman's Cab, SNCF....£14.00
HL6042 Closed Wagon, SNCF....£14.00
HL6043 Tank Wagon for mineral oil, SNCF....£19.00
HL6044 Wagon with sliding sides, SNCF....£19.00
HL6045 Torpedo Ladle Car for transporting liquid pig iron, SNCF....£20.99
HL6046 Car Transporter Wagon without cars....£20.99
HL6047 [illegible] Wagon, Blue....£19.00
HL6053 2 Open Wagons with coal....£26.99
HL8001 Container Fork Lift with 1 x 20ft container....£19.99
HL8003 Car loading station....£17.00

Rivarossi

Rivarossi HO (Hornby International)

GV6001 Tarpaulin Wagon w/ Tiphook Steel Express branding, weathered....£23.99
GV6003 British Military Ferry Wagon No. 254930, DB Brown....£18.99
HR2000 Class E444R Electric Loco, FS....£94.99
HR2010 Class E402R Electric Loco, FS....£142.50
HR2015 Class VT08.5 Express Diesel 3 Car, DB....£189.20
HR2037 Diesel Railcar No. Aln 556.1202 & Aln 556.1216, FS....£235.99
HR2039 Class RAe 3 Car Electric Unit, SBB Trans Europe Express....£203.30
HR2057 Railcar Series 5047 Gysev ROeEE w/ interior & directional lighting....£166.45
HR2113 Class 627 Railcar No. BR 627 001, DB....£191.99
HR2115 Class 627 Railcar No. BR 627 003 7, DB....£185.99
HR2145 Shunting Tractor, WLE....£74.15
HR2152 Class 641 Diesel, DB w/ built in interior with illumination/coupler bars....£116.85
HR2159 Steam Loco Gr.741.273 Snow Plough, FS with Sound....£333.99
HR2187 Class E444 Electric Loco No. E444 105, FS....£118.65
HR2198 Diesel Loco No. 753.058, DFG....£135.35
HR2199 Diesel Loco No. 753.058, DFG with DCC Sound....£203.35
HR2201 Diesel Loco No. 753.732, Rail Traction with DCC Sound....£203.35
HR2217 Breuer Shunting Tractor with tank wagon, BP....£104.99
HR2218 NSB 2 Unit Set Breuer Shunting Locomotive....£176.99
HR2240 2-8-0 Steam Loco No. Gr.740.144 large snowplough, FS....£228.99
HR2243 Class E431 Electric Loco Trifase No. E431 127, FS - DCC Sound....£318.99
HR2250 Electric Loco Class 152 TFG Albatros Express, DB....£199.99
HR2255 Class 753 Diesel Loco No. 753 751 CD Cargo....£179.99
HR2256 Class 753 Diesel Loco No. 753 751, CD Cargo - DCC Sound....£223.45
HR2257 EuroSprinter ES 64 P 001 MRCE Dispolok GmbH....£165.99
HR2259 Class 753 Diesel Loco No. 753 703, Linea....£179.99
HR2260 Class 753 Diesel Loco No. 753 703, Linea - DCC Sound....£223.45
HR2264 Class 627 Diesel Railcar No. BR 627 003-7, DB Beige & Blue....£185.99
HR2269 Class E444 Electric Loco No. E444R 107, FS....£89.99
HR2273 Class E447 Electric Loco No. E447 074, Original FS....£168.99
HR2278 Diesel Railcar ALn 663 1107/ALn 663 1136 Original FS....£202.99
HR2279 Diesel Railcar ALn 663 1107/1136 - DCC Sound....£161.99
HR2285 Class E444 Electric Loco No. E444 009, FS XMPR....£168.99
HRS2289 Class 10 Steam Loco No. 10 001, DB - Limited Edition....£154.99
HR2295 Class 1300 Electric Loco No. 1304, NS Culemborg....£206.99
HR2299 Class 1300 Electric Loco No. 1313, Uitgeest....£206.99
HR2315 Shunting Accumulator Loco No. 404 001-0 ICE, DB AG....£97.99
HR2329 Class 424 Electric Loco No. E.424.320 XMPR FS....£176.99
HR2337 Diesel Railcar NET T4 Class 5047 of ÖBB, livery of NEG....£176.99
HR2350 Diesel Railcar Aln 668 SNFT, Motorized FS....£147.99
HR2351 Diesel Railcar Aln 668 FNM, Motorized FS....£147.99
HR2352 Class E646 Electric Loco No. E.646.136 FS....£185.99
HR2361 2 Car Electric Railcar Type MAT 46 No. 281, NS Yellow....£194.99
HR2381 Shunting Accumulator Loco ASF 28 Orange, DR....£96.99
HR2411 Steam Heisler 2 Truck Model Georgia Pacific Corporation No. 10....£168.99
HR2413 Steam Heisler 3 Truck Model Weyerhauser Timber Company No. 4....£193.99
HR2469 Big Boy 4-8-8-4 Steam Locomotive No. 4008 Union Pacific....£279.99



HR2475 USE Tank Steam Loco BB 989.101 ÖBB
NEW....£168.99

HR4013 2nd Class Passenger Coach, DB....£23.85
HR4014 2nd Class Passenger Coach, DB....£21.15
HR4015 Restaurant Coach, DB....£27.10
HR4096 1st Class Coach UIC X High Speed....£51.99
HR4098 Type 59 Passenger Coach 2nd Class, Treno Azzurro....£25.99
HR4104 4 Coach Pack Silberlinge Red Karlsruhe Head DB Regio....£201.99
HR4106 1st Class Coach A4ü 26, DR....£36.99
HR4108 Luggage Van Coach Pw4ü 28 No. 641-013, DR....£36.99
HR4109 Luggage Coach Type 1959 in Grigio Ardesia, FS....£50.99
HR4110 Passenger Coach FS Type 1959 1st Class Grigio Rosso Fegato....£51.99
HR4111 Passenger Coach FS Type 1959 Mixed 1st /2nd Grigio Rosso Fegato....£51.99
HR4112 Passenger Coach FS Type 1959 2nd Class Grigio Rosso Fegato....£51.99
HR4115 1st Class Passenger Coach Type UIC X 1968, Grigio Ardesia FS....£57.99
HR4124 Four Coach Set Silberlinge DB with "Karlsruhe Head"....£201.99
HR4133 2nd Class Passenger Coach Type Z, FS Grigio Avorio....£52.99
HR4146 2nd Class Corbellini Coach No. 5083 2908 176-6,FS....£36.99
HR4154 CIWL Sleeping Coach with logo, FS....£50.99
HR6057 "Insulators Scrap" Wagon 2 Unit Set Eals, DR....£27.65
HR6074 Silo Wagon Ucs WLE No. 87....£17.10
HR6081 2 x Wagons Covered Sliding Doors Type Hbis 299 weathered, DB....£42.99
HR6082 2 x Wagons Covered Sliding Doors Type Hbis 299 Ford, DB....£45.99
HR6083 Double Deck Car Carrier x 2 Type Laes 541, DB....£42.99
HR6085 Set 2 x Container Wagons Sgmmns with Maersk & DHL Containers....£56.12
HR6087 2 x Open Wagons Eaos weathered, DB....£42.88
HR6088 Grain Hopper Wagon, MAV Red....£27.99
HR6092 Flat Wagon Type Rmms, FS....£21.20
HR6093 Flat Wagon Type Rgs loaded with 3 x 20ft Containers, FS....£40.99
HR6094 High Walls Wagon Type EAOS loaded with coal, weathered, FS....£20.55
HR6095 Curtain Sided Wagon Type Ros No. 354 0 018-6, weathered, FS....£28.54
HR6097 Set of 2 Closed Wagons Type FI -gangway connections, FS....£44.99
HR6100 2 x Grain Hopper Wagons FERRUZZI, FS....£43.60
HR6103 Container Wagons Sgmmns with 4 x TFG containers....£64.99
HR6104 Silo Wagon Type Ucs No. 88, WLE....£24.99
HR6105 Silo Wagon Type Ucs with lettering Dyckerhoff, DB....£24.99
HR6106 4 Axle Tank Wagon, BASF....£22.95
HR6107 Tank Wagon No. 33 80 7932 773-4 GATX....£27.99
HR6108 4 Axle Hopper Wagon SKW Piesteritz, DB Yellow....£25.99
HR6110 2 Axle Hopper Wagon SKW Piesteritz, DB Yellow....£24.99
HR6111 2 Axle Hopper Wagon Type Tds 936 Gertreide, DB....£24.99
HR6114 Tarpaulin Covered Wagon 4 Axle Type Rilnss EuroLuxCargo, NS....£30.99
HR6116 2 Axle Hopper Wagon Type Tds with movable roof, NS....£24.99
HR6118 Set x 3 Hopper Wagon 2 Axle Type Tds 936, DB....£70.99
HR6120 Set x 2 Uacs Cement Wagons, Heidelberger....£41.25
HR6124 Container Wagon Type Sgmmns 738 with 2 x 20ft containers....£31.99
HR6125 Cargowagon in Taunton Cider....£22.80
HR6136 Box Cars Type Gs213 DB - 6 Pack with individual running numbers....£113.40
HR6137 Tank Wagon 4-Axle DR....£27.99
HR6138 Set x 3 Open Wagons without Load Type Eals, DR....£70.99
HR6139 Set x 3 Open Wagons with Coal Load Type Eals, DR....£74.99
HR6140 Flat Wagon Type X with wooden boxes, DR....£29.99
HR6141 Flat Wagon Type X with wooden boxes, DB....£29.99
HR6156 Kbs Stake Wagon No. 330-1-567-0 , DR....£24.99
HR6158 Sliding Walls Wagon Type Habbins - Lettering 25ft DB....£27.99
HR6164 4 Axle Stake Wagon loaded with 3 x 20ft Containers....£40.99
HR6167 Flat Wagon Type Rgs with load weathered sleepers, FS....£40.99
HR6169 Set x 2 Flat Wagon Type Kbs Ld Pipes, FS....£46.99
HR6207 2-Unit Set Stake Wagons type Rmms DB AG each with 2 UN tanks....£74.99

FLEISCHMANN

Fleischmann N

7329 Class 141 Electric Loco No. 141 441-8 in DB Bahn....£88.50
7331 Class 139 Electric Loco of the DB AG (DB Cargo)....£89.50
735501 Class 101 Electric Loco No. 101 075-0 in DB with advertising panel....£94.50
738501 Class 185 Electric Loco of the Crossrail AG Switzerland....£127.50
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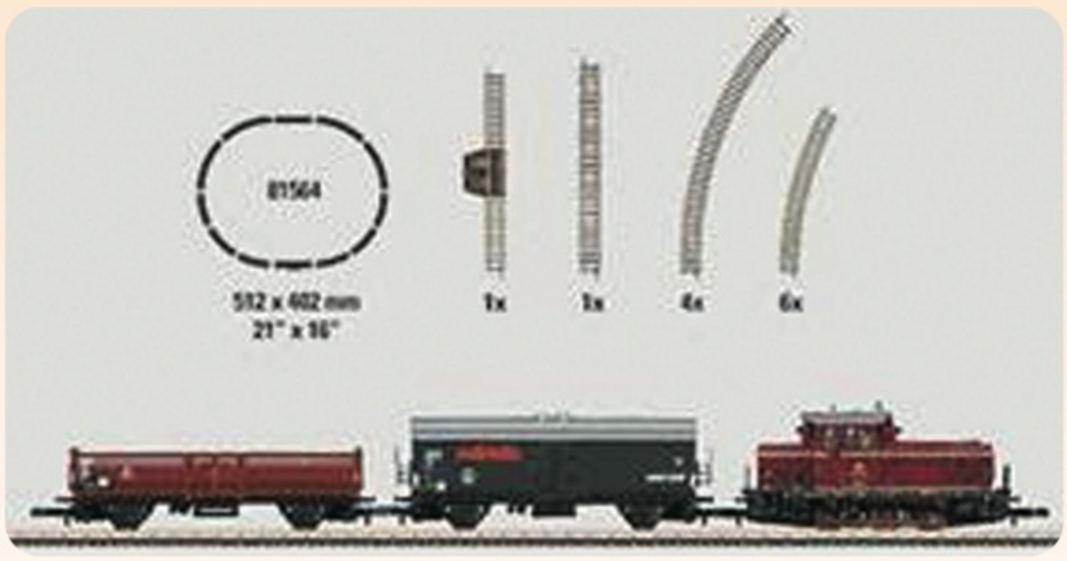
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Arnold N scale		
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HN2169	Austria	Diese railcar series 5047 SLB – Ep.V/livery red-green-white “Steiermärkische Landesbahn”
HN2178	Germany	Electric locomotive 252 DR Ep.IV, running number 252 004-7
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HN2188	Germany	Diesel railcar series T4 NEG – Ep.VI-V
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Jouef HO Scale		
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HJ4079	France	DEV Inox 2nd class coach, SNCF
HJ4080	France	DEV Inox 2nd class coach, SNCF
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HJ4082	France	Heating van C996 SNCF, Ep.IV, SNCF
HJ4083	France	Heating van, SNCF, Ep.III, SNCF
HJ4092	France	Ex DR 2nd class coach period III
HJ4094	France	Ex DR luggage van
HJ4095	France	Luggage van with roof look out box, Ex DR , SNCF Ep.III
HJ4096	France	DEV Inox A9 1st class coach “cartouche Corail” Ep.V, SNCF
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HJ6115	France	Set × 2 hopper wagonns (1 flat, 1 rounded), SNCF
HJ6116	France	Hopper wagon (flat) “Farines Corre”, SNCF
HJ6117	France	Hopper wagon (rounded) “CTC”, period IV, SNCF
HJ6128	France	Tank wagon SIMOTRA, SNCF
HJ6129	France	Tank wagon ERMEWA, SNCF
HJ6130	France	Hopper Wagon “belgian”, SNCF
Rivarossi HO Scale		
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HR2345	Italy	Electric locomotive E424.103 FS
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HR2478	Germany	Electric Locomotive E251 009/DR Ep.III
HR2479	Germany	Electric Locomotive 171 013-6/DB-AG traffic red
HR6240	Austria	Set × 3 Tarpaulin wagons, type Kils, 2 covered, one open with load ÖBB
HR6242	Germany	Set × 2 hopper wagons Uapps “VTG”, Ep.V
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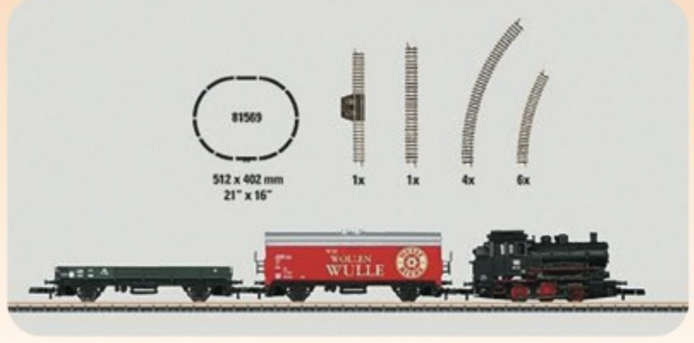
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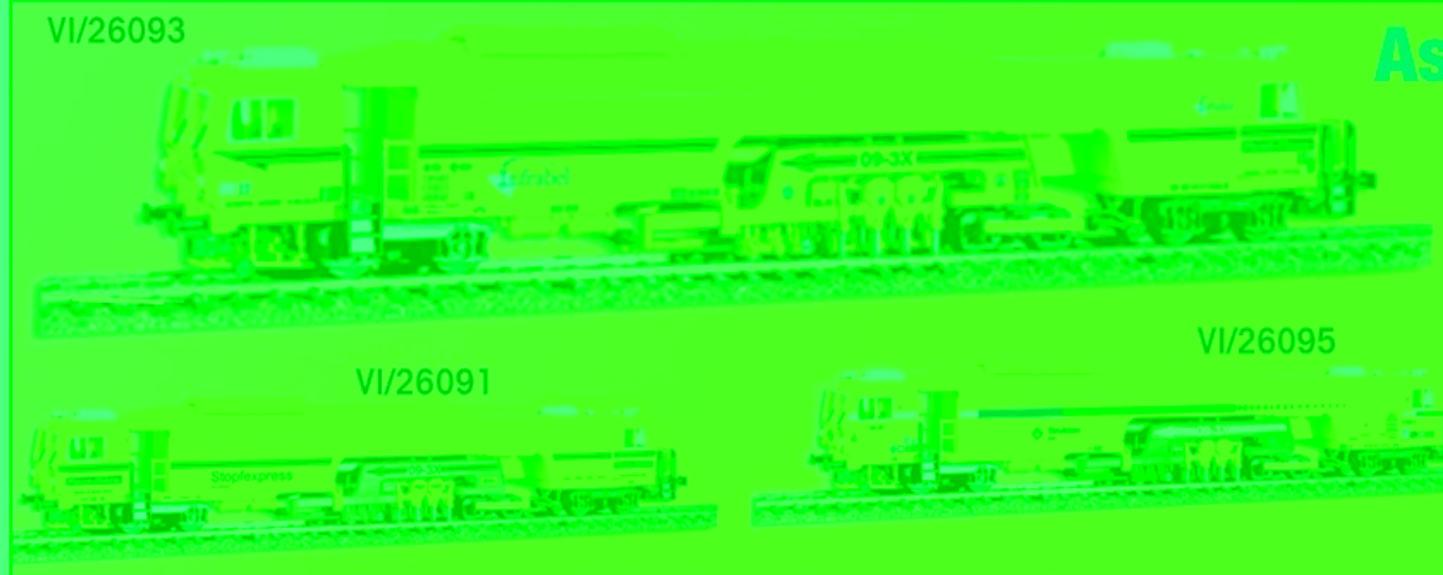
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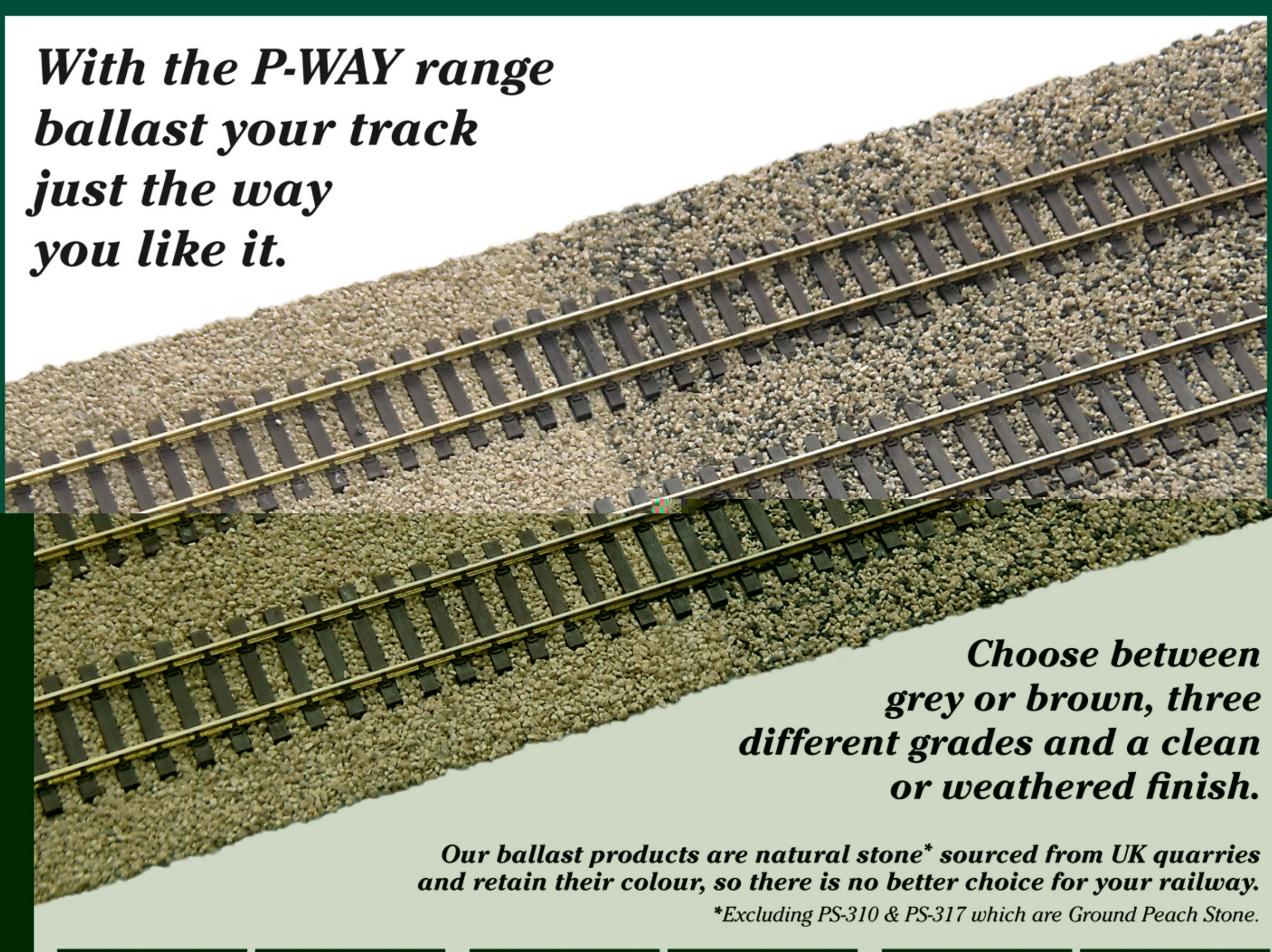
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Niek Talsma thinks of his layout as a souvenir of holidays in Switzerland.
Photographs by Arend Jan Hermsen (Par-pa Photography).

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Graubündenbahn

Rhätische Bahn and more

Below
A freight consisting of four sliding sidewall bogie vans and a bogie tank wagon behind Ge6/6^{II} 705 waits to pass another train at the station. On the left, shunting tractor Tm2/2 82 stands with two high-sided open wagons loaded with wood.

When in 1995 I laid the first stone, so to speak, for one of the bridges of what has become the *Graubündenbahn*, I had no idea how far my work would go. The intention at that time was to create in my attic a large Rhätische Bahn (RhB) layout. The attic offered a space 8m x 1.5m.

The layout would be a combination of the classic Brusio spiral viaduct, a section of the Albula line, and some typical plain line in representative scenery. This idea was born around 1990 not long after my first encounter with Bemo RhB models in HOm. This injected substantial new life into my interest in railway modelling, which had started on my ninth birthday and until then was solely based on German Fleischmann trains.

My acquaintance with the RhB dates back to 1977, when I travelled from Disentis to Tirano during an InterRail trip when I was deeply impressed by the smart appearance of the trains, the beautiful railway bridges, the picturesque stations, and the spectacular mountain scenery.

Switzerland was my favourite holiday destination in any case, because beside mountains and trains there are beautiful cities, fine weather, and good cuisine. It all started in 1966 when I went on holiday by train with my parents for the first time. Now I try to take my wife on holiday to Switzerland at least once a year.

The beginning

All these impressions were involved in inspiring my RhB layout, but the aim of building a permanent layout was gradually overruled by another idea, namely making modules with the same theme. It started with a 1.2m long and 0.5m wide module with a stone arch viaduct following a spiral tunnel. This module was first shown in 1998 at an exhibition organised by the Swiss Trak modular group. More modules followed and became the basis of the attic layout.

I exhibited as part of Swiss Trak until September 2011, having decided to make an exhibition layout of my own with the modules created in the previous years.

The name *Graubündenbahn* was chosen because the scenes were inspired by the railways in this canton. This layout was shown for the first time in October 2010 at Mechelen in Belgium.

I am no longer a member of Swiss Trak, although I am a member nof the Vereniging Spoorgroep Zwitserland and the Swiss Railways Society (UK). Both associations have a broad interest in Swiss railways.



Above
A genuine Swiss chalet – the prototype is in Am Bach, a small mountain village in Val Avers. The visiting Trabant is a souvenir of exhibiting the layout in the former East Germany.

Below
The 40cm high viaduct at the start of the spiral descent. Under the viaduct is the tunnel mouth where the train finally emerges from the spiral tunnel. On the viaduct is 'Crocodile' Ge6/6I 412 with five vans and three cement wagons. The middle van is Gbk-v 5603 which has advertisements for the famous 'Milka' chocolate – this wagon is a real crowd pleaser and so appears at every show. The ruined castle is the highest point on the layout. The wooden fences above the track are for avalanche protection.

Design

The layout is not based on a real situation, but every detail could actually exist. The era is the period between 1980 and 1990, when the RhB changed from green to red livery.

The central point of interest on the layout is the station. The track plan is pretty standard for a RhB wayside station, with just basic facilities. The platforms alongside the tracks are quite narrow and there are only a few benches. Because this is a junction, it is pretty busy on the platforms, with quite a few passengers waiting.

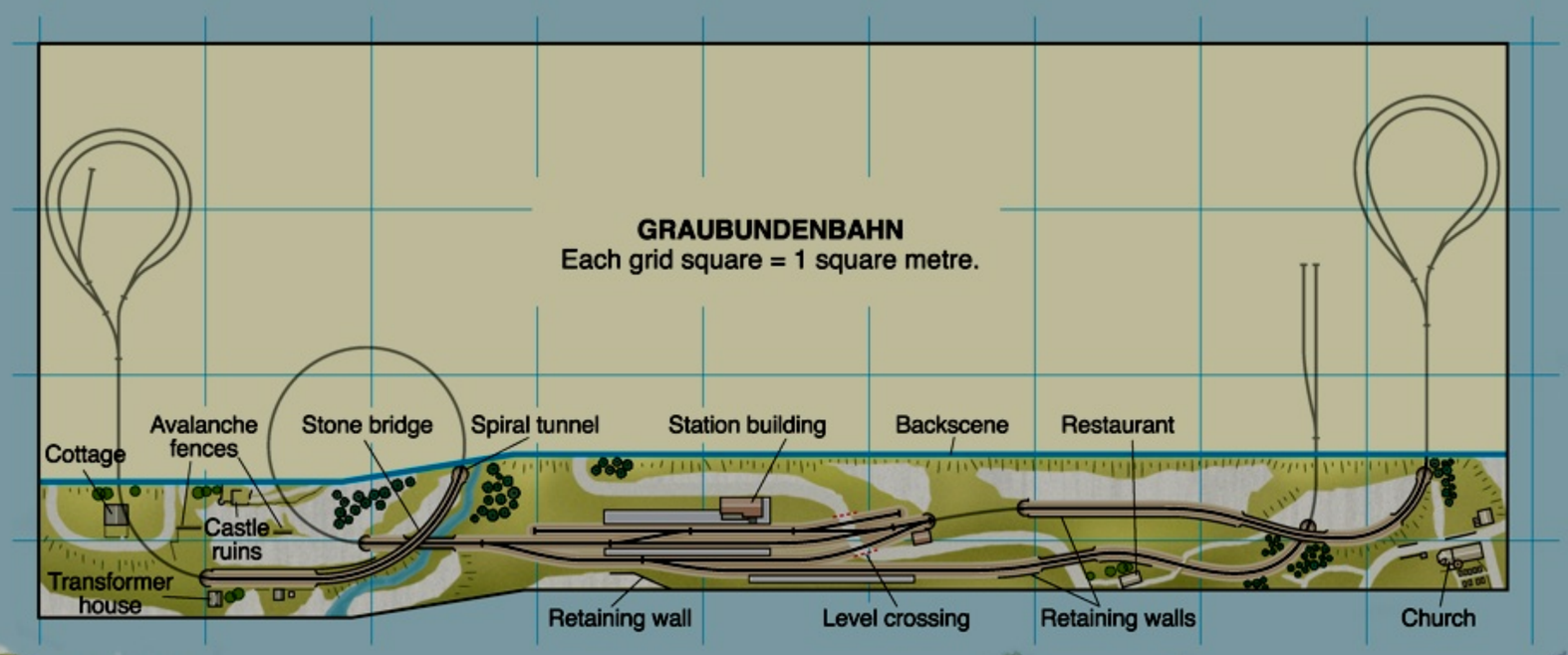
The track plan includes a siding near the station building and two tracks for crossing main line trains.

To protect the main line, there are four-light entry signals for the station. If reduced speed is required into the station, an extra green lamp lights up, and for walking pace an extra yellow. As is customary in Switzerland, the main signal is preceded by warning signal. All the working signals on the layout are by Schneider.

The main line

The first main line train enters the visible section on the right, because on that side of the layout the distance between the hidden storage sidings and the station is shorter than on the left. (Both passenger trains depart more or less simultaneously from the hidden sidings and run at the same, slow, speed.)

The impending arrival of the train from the right is heralded with the flashing red lights and loud alarm bell of the level crossing which runs across the right-hand end of the station yard. After a few seconds the crossing barriers close. These barriers are from HR Modellbau, driven by servo motors, while the light and sound equipment is by Busch. Once the train is within the station, the crossing is open for road traffic again.



Above
A mixed train departs train from Schiers station over the steel girder bridge. Ge4/4^{I} 601 pulls coaches B 2454 and AB 1546, baggage car D 4341, café on wheels WR-S 3821 (*Stiva Retica*), and vans Gb 5015 and Gbk-v 5612 (*Möbel Pfister*). Below, on the banks of the wild river, there are three fishermen.

A little later, the second train enters the station from the left. Because it must stop first, the crossing remains open.

With the branch shuttle, there are now three passenger trains in the station. Once any passengers have changed trains, the first passenger train (from the right) sets off again once the lights on the exit signal show the safe aspect: green alone for the straight route or green plus yellow for the turnout, which needs to be taken more slowly.

Immediately after the station is a steel truss bridge that crosses over a mountain torrent. Then follows a 4% climb over an approximately 5m long spiral that is largely in tunnel.

For a smooth transition between the level and the gradient, the track has a vertical radius of 5m.

Eventually the train is 20cm higher, on a steep mountainside. Then there is an imposing stone viaduct with four arches and pillars with a height of nearly 40cm. This completely scratchbuilt structure is the scenic highlight of the layout.

After this follows a section of straight track on a viaduct before the train finally disappears from view. High above the track here is the ruin of a castle from the time when warlords still held sway over Rätien, the current Graubünden: now it makes a good target for a tough hike.

Behind the backdrop are the hidden storage sidings, in the form of a return loop with two tracks, one intended for a passenger train and the other for a freight train. There is also a short dead-end siding for ABe4/4 501.

When the passenger train from the right has disappeared entirely into the spiral tunnel, it is time for the other train to leave the station. First the point is set, after which the exit signal will show safe.

NOVEMBER 2013

After the station the track is first in a short tunnel, next it is on a retaining wall against a rock face, because it must share the space there with the road and the branch. This section of track ends at a 60cm long stone bridge with three arches; this viaduct was one of the first parts of the layout. Under the viaduct is a footpath and the branch.

After the viaduct, the track curves left and crosses an unguarded level crossing, a mountain trail, and a small stone bridge with two arches. Then the line disappears from sight in the same way as at the other end.

Both passenger trains are now no longer visible. Once a train enters the stop section of its track in the hidden loop, a reed contact is activated by a magnet under the locomotive. This operates a light and a sound on the control panel. Once

Below
Ge4/4^{II} 611 *Landquart* in the older green livery stands on track 3 of Schiers station with a passenger train waiting for departure. On the right is the switchgear rack by which sections of the overhead can be isolated.







both passenger trains have arrived, the points can be changed to allow the waiting freight trains to run. Power is then applied to the stop sections so the freight trains can move off. Both freight trains become visible nearly simultaneously. The train from the right always enters the station first, where it must wait for the other which comes a bit later and passes through without stopping.

On Sundays there is less goods transport and so a path for freight trains can be used for a nostalgic mixed train. This consists of 'Crocodile' Ge6/6^{I} 412 from 1925, steel coaches A 1208 and B 2223 from 1929 to 1931, the luxurious dining car WR-S 3814 *Gourmino* from 1929, and some very old wagons – K 15615 and L 6038 from 1911 to 1913, and, from the same period but later converted to a material wagon, Xk 9084.

The branch line

According to the timetable, a Furka Oberalpbahn shuttle service connects with the two main line passenger trains which pass at Schiers. The FO train arrives first, on track 4. Passengers get plenty of time to change onto one of the other trains, which depart from tracks 2 and 3. There may also be one of the yellow Swiss Post buses waiting at the station. The fourth track in the station was inspired by the real situation at Schiers, where it is used for handling crushed stone. Initially on the layout this track was only used as a siding, but later it was developed into a real branch operated by the FO. The gradient on this line is 7% and it falls 20cm in 3m. It crosses a road by means of a steel truss bridge and runs underneath the stone arch bridge which carries the main line. (This is the first section, built in 1995, mentioned above.)

The branch has simple overhead without the suspension wire, hanging on real wooden masts. The safeworking equipment consists simply of entry and exit signals with only two lamps (red and green).

Along the branch is a mountain restaurant with a well-populated terrace where a traditional Swiss Alpenhorn player creates a musical note. The path that leads along from the terrace crosses the track by means of an unmanned level crossing. Indicators on either side of the crossing indicate to the driver that a warning whistle should be sounded.

Eventually the branch disappears from sight through a tunnel mouth; behind the scenes are two storage tracks but not a return loop, so the branch trains can only shuttle up and down. The FO train is therefore a true push-pull, with the locomotive (Ge4/4^{III} 82) on the lower end. It pushes a train of two coaches and a control trailer up the slope to the station.

Sometimes the branch also hosts a vintage RhB railcar, ABe4/4 501 from 1939, nicknamed the *Fliegende Rhätier* because it could maintain the high speed (for that time) of 65km/h. The real 501 is currently the only working example from the original four.



Above left
The guard in the open door of the FO baggage car is safe behind the yellow bar.

Above
Railcar ABe4/4 501 ready for departure along the branch.

Below left
Unlike the photographer on the far side of the line, the two young ladies pay no attention to the arrival of the most famous RhB loco, 'Crocodile' Ge6/6^{I} 412.



Right
To the right of station is a lever crossing. First the lights flash and the bells ring; after a few seconds the barriers close slowly – only then can the trains safely cross the road.

Below
Three trains in the station. In front, the FO push-pull with locomotive Ge4/4^{III} 82; behind are two RhB freight trains, hauled by Ge6/6^{I} 412 and Ge6/6^{II} 705.

The landscape

During exhibitions I try to arrange it so there is as little time as possible with no train running in the visible section, so the FO shuttle departs from the station when the main line passenger trains are out of sight. However, as it is a single track route, it is inevitable that there will be train-free moments. This a great opportunity to view the landscape and all the detail on the layout.

There is a lovely chalet based on a example in Am Bach, a small mountain village in Val Avers. There is also an authentic transformer house alongside the track in the style of the Lower Engadine, the south-eastern part of the Canton Grisons. In the early years of the electrification of the RhB, these were built at the stations for traction power supply.

Near the station is a guest house where tourists can stay. Just like the station building, it is made of larch wood, and

after a few years in the sunshine it goes that typical Swiss reddish-brown colour.

The church and the shed at the far right of the layout also hark back to the Lower Engadine style.

All of this is set in a mountain landscape with a height difference between the highest and lowest points of 80cm. The landscape is enriched with a large number of trees, rocks, meadows, and hiking trails – all there to be discovered. The many added features include farmers milking their cows, hikers with backpacks, mountain climbers secured to a rope, fishing in a stream, many passengers around the station and various bus stops, a group of soldiers marching, road menders at work, with barriers, a shepherd and a flock of sheep, cow pastures with a bell, and much more.

On the various roads, there are several yellow Swiss Post buses plus a few mini-vans and trucks for postal deliveries.

In short, even if no trains can be seen, there is still a lot going on.

Presentation

The landscape seems deeper than it really is thanks to an appropriate background photo; the image was matched as closely as possible to the foreground. The first layer is a forest and wherever possible on the layout the background is also trees. Behind this rises a mountain surmounted by a blue sky with some clouds. The photo was printed out on A0 paper, four times the right way round and four times mirror image, so that the image runs nicely through the scene. The printouts were stuck onto seven sheets of hardboard, each 1.2 x 0.6m. These boards are transported in a separate wooden box so that the chance of any damage is as small as possible.

The layout is well lit by a row of fluorescent tubes that are entirely concealed behind a 0.2m deep fascia, at a height of 1.65m (the average adult's eye level); the front is decorated with red and white crosses reminiscent of the Swiss flag, and two Graubünden flags hang from the fascia. The cover is red on the sides to the rear beyond the return loops. At the side is a black curtain so that the space behind the scenic section is not visible. A black curtain hangs from the base of the layout to conceal the legs, cables, etc., so that the overall image is not spoiled.

Construction

The visible part of the layout consists of eight boards. Because in the beginning it was not designed as an exhibition layout, almost all of the eight parts are different lengths. The shortest is only 0.5m long, the longest measures 1.3m. The widths are consistent at 0.5m.

The principle of the construction is the same for all parts – a wooden surround of 9.5mm plywood, cut along the top edge in the shape of the landscape. Each board stands on four legs that are adjustable in height in case the floor is not level.

The track at the station and to the right of the layout is at a height of 1m above the floor. The branch falls from the station to a height of 0.8m. To the left of the station, the track climbs to 1.2m: something for everyone. Parents with children and spectators in wheelchairs appreciate the low side while others prefer the higher part.





Above
Spot the photographer in the first coach behind Ge4/4III 82 as the Furka Oberalp push-pull set passes the well-populated terrace of the mountain restaurant. Note the many details – glasses on the tables, the colourful umbrellas, the crates with empty bottles, the waiter taking the order, the hiking sign on the façade, and the traditional Alpenhorn player.
On the main line Ge4/4II 611 with a passenger train, in the older green livery.

The shape of the landscape was created with a metal mesh on wooden frames. Masking tape was then applied over which wall filler was applied. (The wall filler is a powder consisting of gypsum and cellulose, which is mixed with water.) After this has hardened sufficiently, the rocks were carved with a chisel.

The stone bridges, abutments of steel bridges, and all retaining walls are also made from this filler; all the stones were scribed by hand. Finally, it was coloured with dyes and selected vegetation was applied.

Most of the trees were made from wire, covered with modelling clay and using foliage from Woodland Scenics, Silhouette, Anita Décor, and Heki.

Track

On the visible part of the layout, the track is Bemo, on a roadbed, while the hidden sections, which were built later, use Peco turnouts – these were not available when I started.

The overhead is Sommerfeldt – the locomotives always run with the pantograph touching the contact wire. The overhead is just like the real thing, with correct fixtures and a typical switchgear installation – this has three sets of equipment, for the station itself and the two sections either side.

There is no real pressure on the overhead as the power supply is actually through the rails.

A Digitrax DCC system is used for controlling the locomotives. No use is made of a computer; all trains are operated individually, as are all turnouts, signals, loops, and crossing barriers – there is no interlocking. A faultless performance is therefore a matter of concentration – and, of course, good preparation: trouble-free electronics, clean track and locomotive wheels, and rolling stock with properly working couplings.

Exhibitions

Preparations for an exhibition start almost immediately after the previous one, with repairs to damage due to transport, such as a bent catenary pole, a fallen tower, details that have become loose, or a dent in the landscape. Perhaps a point motor needs replacing.

Then any changes to make the layout more attractive or effective can be considered. Depending on the time available, this may be something small or pretty drastic. In the course of time, almost the entire layout has been modified, but always looked complete for an exhibition.

As the exhibition date approaches, the trains are checked again and a selection made of which stock to use – basically rolling stock from the right era (1980 – 1990), but sometimes more modern.

Then all the connection cables are sorted again: 25-pin computer cables for connecting all the baseboards and the four-part control panel. For optimum supply, every piece of rail is connected to a main power bus, so there is no voltage drop resulting from wiring within a part of the layout.

Finally, all the clamps and tools are collected again.

The day of the journey to the exhibition begins with getting a trailer on hire from the local garage. This is parked by the front door of my house and loaded according to a fixed

Left
The steel bridge takes the branch line over the road, where roadworks are in progress. On the main line above is Ge4/4II 614 with a freight train.

plan. In total, there is approximately 400kg of stuff, including various structures to create two floors in the trailer, distributed such that the load on the tow bar of my car does not exceed 50kg. After a few hours, loading is finished and the outward journey begins.

The layout has already been seen in Belgium, Luxembourg, Germany, Denmark, England, and Scotland.

After arriving at the exhibition venue, it takes about six hours before everything is built up and the first trains have run. If all goes well, a flawless show follows.

Various 'risk management measures' include additional locomotives, a second DCC system, an extra hand controller, a few transformers, a spare Fulgurex point motor if one of those on the two essential loop switches fails, an amended timetable just in case, and spare fluorescent tubes.

During a show, the layout is operated from the front, so that there is direct contact with the public. A barrier keeps them at a suitable distance so the operators can move along the whole length of the layout.

An information sheet is available in the language of the host country (though the Danes had to make do with the English version!), but questions may also be asked. There is also a graphic representation of the timetable, so an observant visitor can see which train will be arriving next.

Immediately after the show, the layout is packed away again. After about three hours, the trailer is loaded and the journey home can begin. If we are a long way from home, that is often the next day. At home again, everything has to be unloaded and taken up to the first floor. Not until the trailer has been returned can the whole exhibition operation be considered to have been completed. Time for a beer!



Forthcoming exhibitions

Graubündenbahn is to be shown in England four times in the next year or so:

Warley NEC Birmingham – 23rd & 24th November

Erith – January 2014

RAILEX, Aylesbury – May 2014

Spalding – November 2014

There will probably also be exhibitions in Germany and The Netherlands. For more information, see my website – www.graubuendenbahn.nl

Exhibition managers who may be interested in the layout can contact me via the website.

Left

The first part of the layout, dating back to 1996, includes this bridge over which a passenger train pulled by locomotive Ge4/4^{I} 601 is passing. Below is rail-car ABe4/4 501, the *Fliegende Rhätier*. On the cliff behind is a group of brave mountaineers.

Above

The right-hand side of the layout. What stands out is the amount of space left for landscape and details – in this area there are only three buildings: a small barn, a church, and a restaurant, all in the Lower Engadine style. The cemetery behind the church is not just a resting place for the deceased but also allows an undisturbed romantic meeting! On the road are two small Swiss Post buses. To the left, a shepherd is trying to get the last of his flock of sheep off the road, but some of them do not have much common sense! Leaving the tunnel is a freight pulled by Ge6/6^{II} 705.

Gerbrand Haans has created a 'still life painting' – with moving trains!

Photographs by Len de Vries.

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Gindsweid

A typical Dutch rural landscape

For me, railway modelling has two aspects. First, I like to make a layout around a specific theme, but from imagination – it is not my aim to replicate an existing situation exactly but to create an impression which unmistakeably refers the viewer to a particular time and place.

The second part of my hobby experience is exhibiting my layouts, so the public can see and hopefully admire my creations. Further, the contacts made during many exhibitions at home and abroad provide me with inspiration and tips that I use for further projects. Why re-invent the wheel? I am always ready to learn from what someone else has thought out and appears to work well, and I hope others can similarly benefit from my efforts.

After various different layouts such as *Keuvelaarkade* (Dutch HO), *Blue Ridge & Western* (US HO), and *Irgendwo* (German HOe, CM November 2011), I was looking for the next project and challenge. A number of important principles were taken into account: the space available to build the layout; the space for storage when it was finished; and the opportunities for transporting it to exhibitions. These principles determined that I was looking at a size of 2m by 0.6m for the entire layout.

Right
The level crossing on the dirt road leading to the water mill. The warning signs (by Artitec) add a touch of colour to the scene. The birds are by Preiser and were difficult to stick in the trees due to their small size.

Below
A Belgian diesel tram arrives at the halt with its little wooden shelter. (An authentic Dutch tram is under construction!)

The base

The layout and consists of three parts. Two boards of 0.8m x 0.6m contain the visible portion. The backscene is 0.5m from the front, so that a strip of 100mm is left at the back for the storage sidings, arranged as an automated passing loop. The automation is done with reed switches, a relay, and the contacts on the Tortoise point motors. Mounted on the little tram locos are magnets which operate the reed switches.

In addition to the two scenic modules there is a narrow (0.4m) board on the left which contains the loop as well as the power supply for the analogue controller.

The two scenic modules feature a removable fascia with two fluorescent tubes (from Ikea) and two halogen spots that highlight the layout from the front to avoid shadows.

The boards stand on four wooden legs which are fixed to each other for rigidity.



The theme

Almost every Monday night my friend Len de Vries comes over and we work together on my layouts. We also think about future layouts. We thought it was time we did another Dutch layout, but this time it had to be small, which suggested narrow gauge, and we chose HOm.

In recent years we had both collected quite a few resin kits for houses, built and unbuilt, from brands like Tilly Models, Artitec, and Holland Scale. We decided to make a village using these houses on the left of the layout. On the right we wanted to have a bit more rural landscape so the layout would show the contrast even in a limited area. We also wanted a small stream, because water always adds an extra dimension, and it is typically Dutch.

Just at that time Tilly Models brought out a kit for the mill from the Twickel estate and I thought it would be ideal. Since the space available for the mill was not so large, and as the stream is not so deep, a kit was ordered without the large baseplate, and the inlet sluices and the bridge over the brook were rather reduced.

After the track plan and the stream were laid out on the baseboards, the curved background was made. By rounding the corners of the background, you reduce the actual area of the layout but you get a lot of visual space back, as the layout seems bigger when not defined by the corners. The curved backgrounds were made of cardboard sheets pinned and glued to the wooden backboard. The backgrounds were primed, filled, and sanded, and then they got a coat of blue emulsion paint.

Then the track was laid. I chose Tillig track, laid on a cork bed, and fixed with a flexible glue. In some places the track was fixed temporarily with spikes. Only when it was dry, and after extensive test running of the trains, were the rails painted red-brown, and the ballast (real stone from Anita Décor) applied.

Left
The open courtyard between the mill and the buildings was filled with some fine details.

Right
The village street. The curve in the section painted so well on the backdrop hides the transition between the modelled part and the background.

Below
The gardens really gave us the opportunity to add some life with the placing of details.

Planning the village

Once all the houses were built, painted, and furnished with curtains, flower pots for windows, and all the extra details, such as the ridge tiles along the roof and the chimneys, we could lay out the village. After an evening working with the houses, sheds, and mill, we had the right setup, and there was even room for a small bus stop just outside the village. The main street of the village runs diagonally across the track and disappears into the background, while a lane runs from the village towards the water mill.

The position of the village street in relation to the backscene required some rather complicated painting. Len achieved a fantastic result here. After making a sketch of the background in pencil, he worked on painting it for nearly eight nights. Everything was hand painted with acrylics, even the clouds, then the whole thing was re-worked with the air-brush. The result is a beautiful background that enhances the layout. It is certainly the best backdrop on any of my layouts. Thanks, Len!

With the backscene ready, we made the first streets and pavements. The streets were made of Faller foam sheets (cobblestones). The back of the sheets were coated with wood glue and fixed in place. The joins were filled and the whole lot was covered with a thin 'wash' of filler to reduce the smooth plastic look and get a more realistic result.

The styrofoam blocks were given a stone-like appearance by painting with various shades of grey from Tamiya, then liberally dry brushed with white using a large flat brush.

The kerbs were made of strips of styrene cut to shape. The actual pavements were cut from styrene sheet textured to represent tiles. The pavements were finished in the same way as the streets.

Trees and other greenery

While Len was busy painting the background, I spent the time making the trees and bushes. Most large trees were made with plastic armatures and Auhagen or Anita Décor

Below
Oops, the baker has tripped up – but the two ladies do not seem to have noticed!



Below
On the left-hand side of the layout, the village is dominated by the windmill (from Tilly Models).

foliage. The armatures were adapted in shape and many large redundant branches were removed. Other branches were made with twigs of sea-foam fixed using a small glue gun with a long thin nozzle. The armature and the transitions between it and the sea foam stalks were covered with Anita Décor bark paste. After this dried, the tree was painted tan, grey, or green with an airbrush. Then, a spray adhesive was applied to the sea-foam and the foliage sprinkled over it. Finally some leaves in different colours were added.

There are a dozen large trees on the layout and the same number of medium-sized ones. These are twisted multi-strand wire covered with greenery.

Small trees are made of natural materials, supplemented with sea-foam and sprinkled with green. There are also some small trees from a pack by Hornby.

Other shrubs were made purely from sea-foam, sprayed and dusted.

The grass is fibres from Heki and Anita Décor, applied with the aid of an electrostatic device. Additional texture in the form of green foliage material was applied and fixed with hairspray.

A lot of Heki-flor and similar materials, pulled apart, was used in the landscape, held with white glue.

The stream

The bottom and banks of the stream were made completely smooth with filler, and then the banks were painted a natural colour using acrylics. The water surface was painted greeny-brown using acrylics in an airbrush, and 'sandbanks' were added in a suitable colour (Tamiya XF-15 flat flesh). The result looks as though the water at the edges is shallower. Four layers of glossy yacht varnish on the surface made the water look wet. The banks were finished off with various types of green foliage teased out.

NOVEMBER 2013

Above
Because the stream meanders across the layout, three little bridges had to be made.

Below
A goods train approaching the level crossing by the mill.



Detailing the village

After the houses were positioned, the gardens which were visible could be detailed. A lot of excellent material is now commercially available for decorating gardens and terraces, so these are filled with features including ceramic flowerpots, garden furniture, a clothes line, and a rabbit hutch. I also found a place in one of the gardens for a little greenhouse (Busch) which I had in stock.

Warning signs (by Artitec) were positioned at the two level crossings, and working lampposts (Viessmann) were placed in the street and connected up. The bakery has a full interior with customers and this was also illuminated so it is visible through the large shop window.

Around the courtyard at the mill there is random junk, such as old boxes, tyres, and pallets.

A good number of Artitec bicycles were placed throughout the village.

The rolling stock

The rolling stock used during exhibitions is fully or partially scratchbuilt. They were started well before the commencement of construction of the layout and track laying, and I have only recently finished the last item.

The small Henschel steam tram locos are based on a type which was in service in Zeeland Flanders. We found a good drawing of such a loco and after converting that with Autocad, we had Johan Moors (www.jmmodels.nl) mill the parts in styrene. After assembling these, I made the boilers and various applied details such as the chimneys, steam fittings, and so on. Many brass parts were supplied by Werps Model who also had some etched sheets for the maker's plates. The mechanisms came from PMT – these are very reliable and run smoothly and silently.

The passenger and goods vehicles are from plastic kits from Jocadis, as well as a Belgian diesel tram which also uses a PMT drive unit.

I also have a tram rebuilt with a Renault engine which was used on the Brabant company's Meierij line. It was made in styrene from drawings in a book by Leideritz. It also has a PMT chassis which just happened to be exactly the right wheelbase.

Right
Towards the back, we made the landscape slightly hilly, to give a bit more interest.

Below
Large, medium-sized, and small trees, along with shrubs, hedges, fences, lampposts, and animals, were carefully placed in the middle part of the layout.



Finally, there is a Billard railcar built using a basic body moulding that I bought from narrow gauge specialist Ruud Wittekoek; I believe it came from kits once marketed by a French company. The body shell was detailed with an exhaust on the roof along with the horns, plus handrails, brake hoses, and imitation headlights The underframe was made from printed circuit board with a drive bogie from Hollywood Foundry (http://www.hollywoodfoundry.com) in Australia. I simply ordered this belt drive unit and customised the mounting with nuts and bolts attached to the base plate. After adding some weight, this model runs very nicely.

All the stock was spray painted with an airbrush, then weathered, and sealed with a matt varnish.

Forthcoming exhibitions

Gindsweid had its 'baptism of fire' at OnTraXS in Utrecht in March 2012. Over the next few years I hope to present it at various exhibitions.

It will be at the Warley NEC show in November.

Below
The curve to the hidden sidings on the right-hand side of the layout; here there are no buildings, only landscape.



Paul de Groot describes his new layout, inspired by a particular archive photograph. *Photographs by the author.*

Java, 1946

An unusual exercise in Oe



The idea

Shortly after the OnTraXS exhibition in March 2012, the Dutch national railway museum announced a special exhibition in 2013 dedicated to the 300th anniversary of the Peace of Utrecht (1713) on the subject of railways in wartime. The museum wanted the 2013 model railway show to include some layouts on this theme. For me, this was the opportunity to build a layout – for the first time in twenty years! In the book *Het Indisch spoor in oorlogstijd* (Railways in Indonesia during the war) by Jan de Bruin (2003), I found a picture of a landing craft for tanks (LCT) loaded with some steam locos: that would become the theme of my layout.

Research

The Dutch were in power in this region since 1602 and in 1798 Indonesia became a colony of The Netherlands. (It became independent in 1949.) The picture and text in the book gave a lot of information about the LCT and its use, but there was no specific drawing of one as used by the Dutch navy. I finally found a drawing at My Hobby store in England (www.myhobbystore.co.uk).

I have never been to Indonesia, so I had to rely on old pictures for the buildings and the landscape. In a few books and on the internet I found some pictures with a loco shed and a station building.









Above
The photograph that prompted the whole project.
Photo: author's collection.

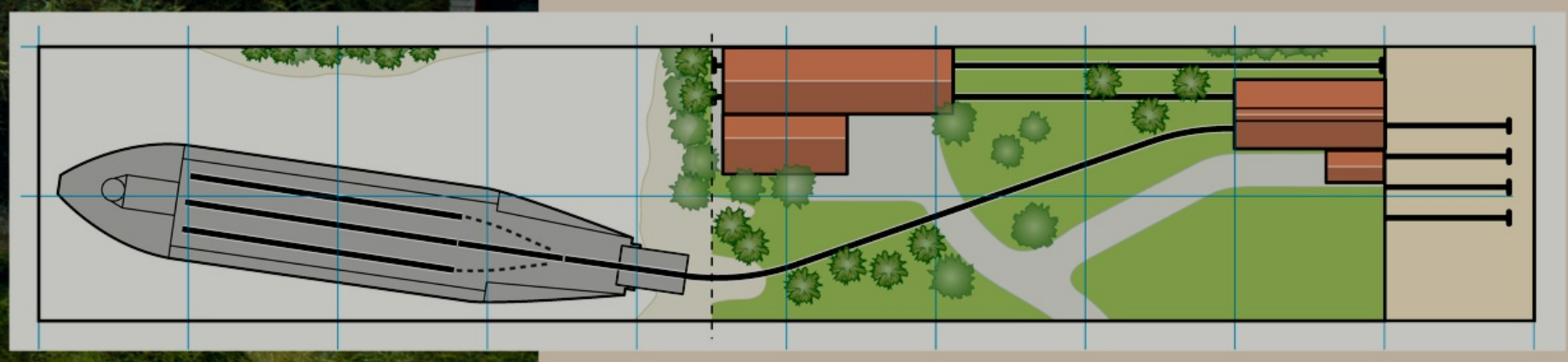
Left
The result in model form – unloading locomotives from the Landing Craft Tank (LCT).

Above left
The level crossing is simply protected in the traditional way, by a railway worker with a red flag.

They were my only references for the buildings on the layout. After that, I searched for the loco types that ran on the Indonesian railways. Many locos were built by German and Dutch factories such as Hanomag and Orenstein & Koppel, but most of the tramway locomotives came from Backer and Rueb at Breda in The Netherlands. Most of the works drawings of these locos are lost, so the only thing I had were the pictures from a book specifically about the Backer and Rueb factory (*Breda locomotives under steam*, by John Simons, 1987). So finally I had all the ingredients to build the layout.

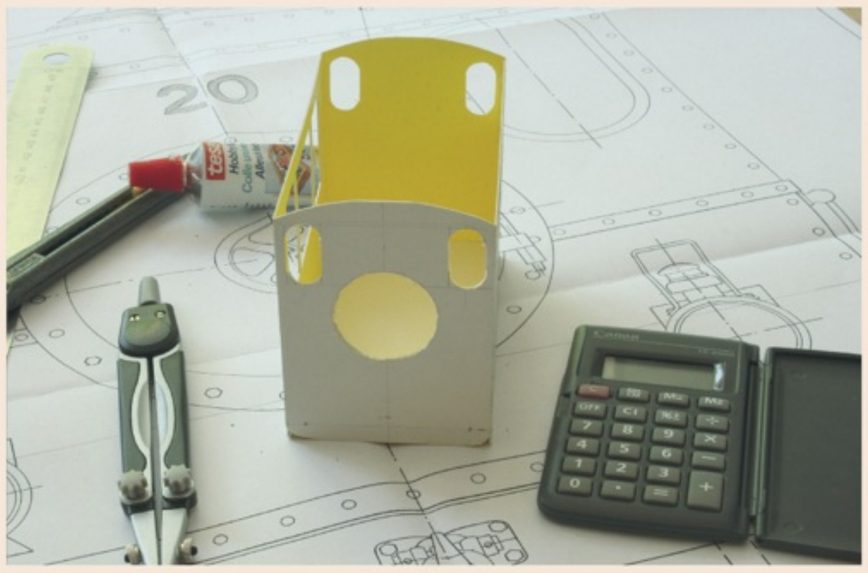
Scale

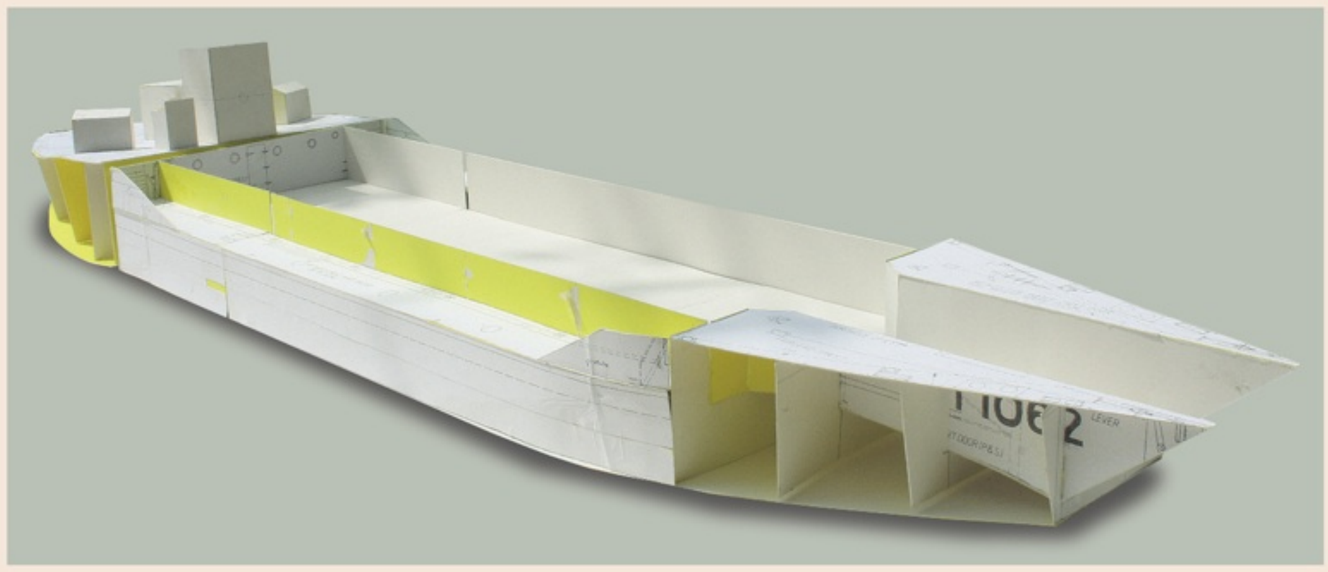
At this point I had to decide in what scale I would build my layout. The drawing of the LCT was in ¼" to the foot, or 1:48. In Europe, narrow gauge in O scale, Oe, is either 1:43.5 or 1:45 on 16.5mm gauge. So the layout would be built in that size. The length of the LCT would be approximately 1.25m, so the part featuring the LCT would have to be at least 1.35m, with the other half the same, making a length of 2.7m. The fiddle yard, which was added later, makes the overall length 3m.

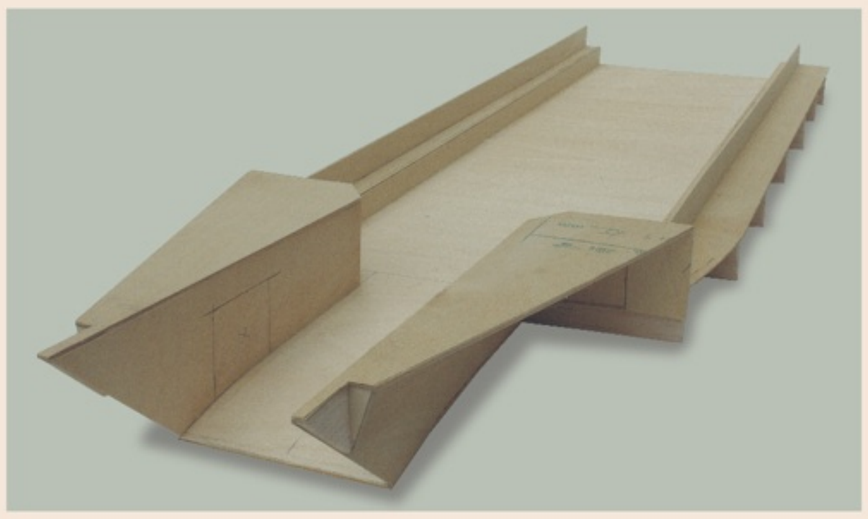


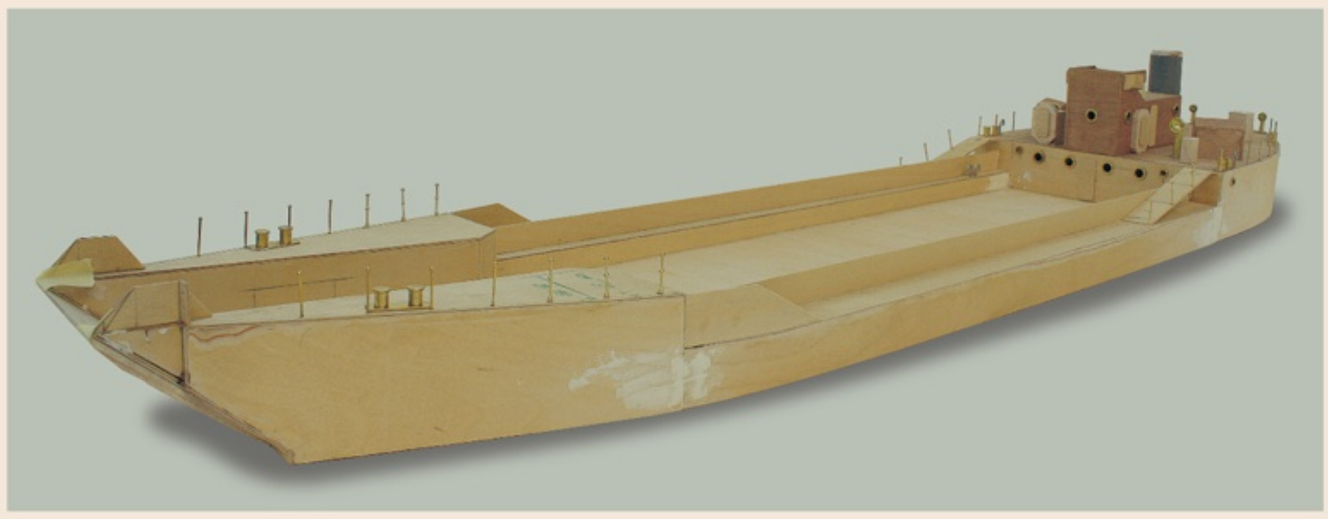
JAVA 1946

Overall size 3m x 55cm Each grid square = 30cm^2









LCT

I had to start with building the LCT. In my younger days I had built two or three ship models, but how to make a waterline model? I started by making a basic cardboard model of the LCT and discovered by comparing the model with the picture and the drawing that I made a lot of mistakes. After five cardboard mock-ups I was satisfied with the result, and started to build the model from 1mm plywood with balsa wood for the ribs. After a few small modifications, the framework was looking good.

But what about all the accessories? A very long search on the internet found Deans Marine (www.deansmarine.co.uk), where I found all the air inlets, bollards, capstans, etc., in the correct scale. Other firms have these accessories but not in the right scale.

Buildings

Before I started on this project I was already thinking about an O gauge layout and had ordered from MKB in Germany some laser-cut sheets with a brick texture in red, so I asked Kai Brenneis from MKB if it would be possible to produce some in white as well. (www.mkb-modelle.de)

Then I started to measure the height and length of the buildings in the pictures, by comparing the people in the picture with the height of the building. I needed space for two locos in the loco shed, so the length was also defined.

After that, I began with some rough structures made from cardboard and placed them on the layout. Here too I made a few before I was satisfied with the result. Then I started to make the proper buildings from the laser-cut sheets. All the doors and windows had to be cut out, and this had to be done very carefully because you can spoil the laser-cut brick pattern. The best thing to do is to use a spray of matt varnish before you start cutting.

The final parts were the roofs. I asked Kai Brenneis if he could make tiles for my Indonesian buildings. We looked at several materials and finally he made ten sheets with rows of tiles which I glued onto a cardboard base.

In this way I built the loco shed, the workshop, and the station.

The platform roof is made of a balsa wood structure, with small cardboard strips painted white for the planking.

Top left
The bodies for the steam tram locos were first made in cardboard, as a template for making plastic parts.

Top right
The LCT was an even greater challenge and it took five attempts in cardboard before I was satisfied.

Above left
The next stage was to use the cardboard templates to cut parts from plywood.

Above
The LCT complete and ready for painting.



Left
There is just enough space on the left-hand side of the layout for the LCT. Here the tracks are being wired and tested – the cables will be concealed when everything is working perfectly.



Baseboard

While I was working on the LCT and the buildings, I also started to build the baseboard for the layout. Because I wanted to take the layout not only to OnTraXS! but also to other exhibitions, and I would have to set it up on my own, it had to be very light. An old friend devised a method of construction some years ago that I wanted to use as well. The frame of the modules is made of 100mm x 20mm pine. Over and half inside the frame are 1.22m x 0.6m pieces of 50mm thick MDF.

On each module two legs are mounted with piano hinges and these fold up for transport inside the frame. The two middle legs have a specially constructed grip which fits around the inner ends of both the modules; the complete layout therefore rests on six legs.

MDF can be cut very easily, which was very lucky when I found out that the Jeep did not function as I intended – more about this later.

All the electrical wiring and components are fitted underneath the layout.

Landscape

Half of the layout is water, so I had to make water for the LCT. The other half is land and should give the impression of Java. How to create a landscape that you have never seen? Again, the internet was very helpful.

I needed tropical trees, so I went looking for them on the internet, but they were closer to home than I thought: my good friend Eddy van Heeswijk of Anita Décor already had palm trees, etc., in his range.

The LCT was ready, the buildings were ready, and so I could start on the track. Unlike other layout builders who start with the track plan and then add the landscape, I started to create the landscape first and then put down the track.

After I placed the LCT on the left of the layout and the loco shed on the right, I was able to lay the track between them. In the background is the standard gauge main line, which runs straight along the backscene. In front of this is the narrow gauge. Both lines end under the platform roof of the station.

Now that the track plan was decided and the track was laid, I could start modelling the landscape.

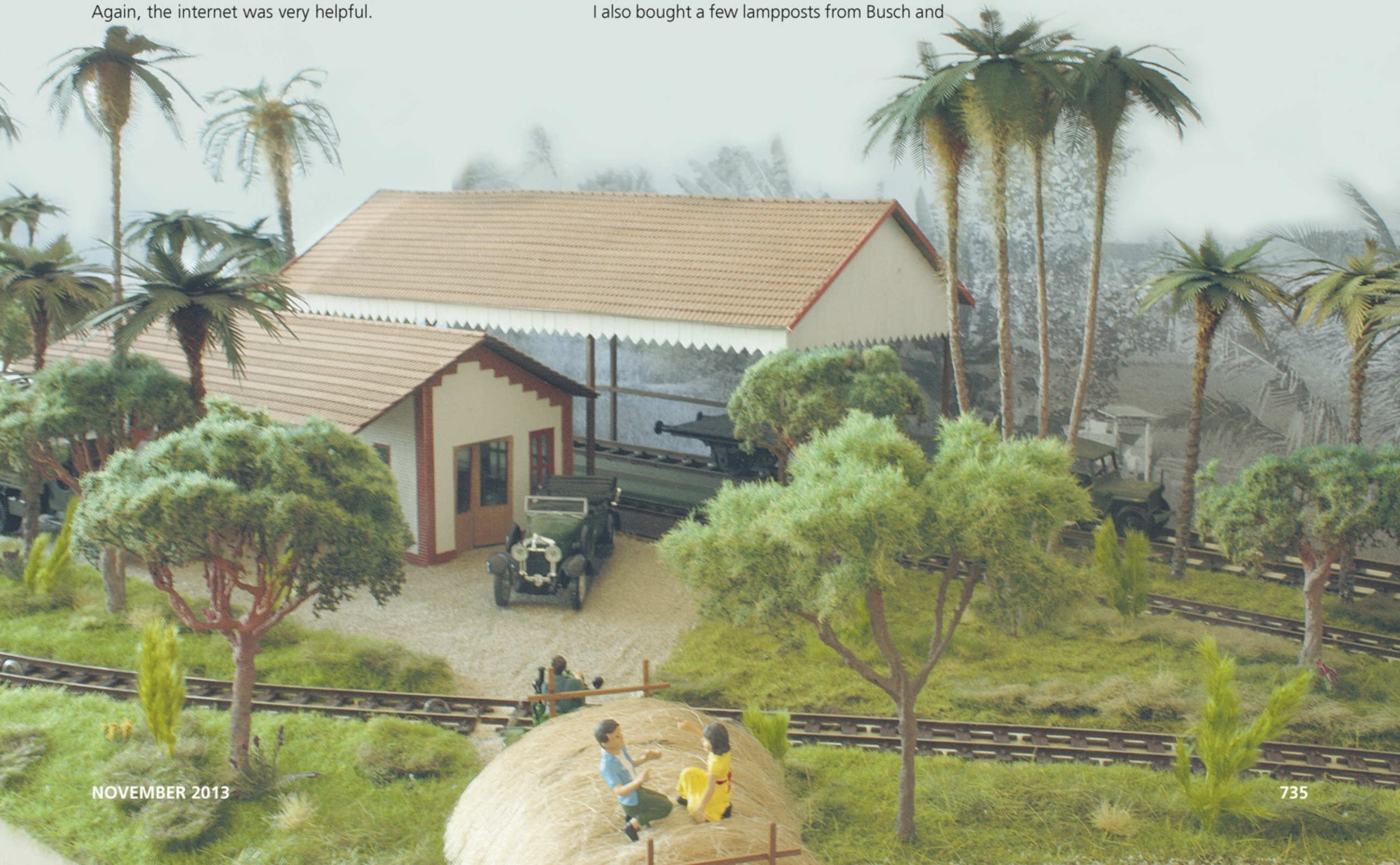
I used NOCH grass fibres with the NOCH Grasmaster electrostatic device to make a base of green in the landscape. This was augmented with layers of grass mat, also from NOCH, and laser-cut plants. Then the trees were placed on the right-hand side of the layout.

In the front I made a small rice paddy field, using tall grass from NOCH.

From Busch I bought a few sets of (HO) animals which I placed in the landscape, such as snakes, spiders, rabbits, etc. I also bought a few lampposts from Busch and

Above
The basic structures being tested on the baseboard to check the final positions.

Below
A lot of work later and the landscape is almost finished, with lots of detail in the scenery and structures.





Above
The backscene, produced for me by JOWI from photos taken for me by a friend.

Below
The Willys Jeep converted to run on rail wheels.



Below
The area around the loco shed, brought to life with figures, vehicles, and plants.



some telegraph poles. The small road in the landscape is made of aquarium sand. The civilian cars are from Solido.

Now I had to do the left-hand side: a lot of water and a small island in the background. To the right side of the left module is a small beach, with some palm trees making a natural transition from land to water. The beach is made of very fine aquarium gravel.

It took me a long time to find the solution for the water, because it had to be a placid lagoon with small waves. One night I woke up and had the solution for my problem. The next day I went to the DIY shop and bought foam insulation tubes for hot water pipes. Cut it into halves or smaller sections and you can make waves. I put some plaster over the tubes to make them suitable for painting.

This completed the scenic work.

Willys Jeep

During my research I found a picture of a Willy's Jeep mounted on railway wheels, and I wanted to have that as an interesting, unusual, and amusing feature of my layout, running in the background on standard gauge (O, 32mm) track.

The first question was: where could I find a Willys Jeep in the right scale? It took me a long time to find one. Although Solido lists one, it is hard to find. Then in June 2012 a European publisher, Atlas, started a series about military models with cars and tanks (www.atlaseditions.co.uk). The first set was – you guessed – a Willys Jeep, and to 1:45 scale, and for just €3.00! So I ordered two start sets and also subscribed to get the second vehicle, a GMC truck. Both are now on the layout.

Since the models are die-cast metal, it is very difficult to build in a mechanism, so I had to find another solution to make the Jeep move on the track. I tried a motor with wire and springs over several pulleys to and from the Jeep. With small contacts and relays it could be made to work, but when you have to transport the layout, the wires could break or the Jeep might be damaged. So another solution had to be found.

A long time ago NOCH marketed the Fritz car system, where N gauge trains under the road surface moved HO cars by magnets. So I used a N gauge loco with a very strong magnet to move the Jeep over the standard gauge, working on an automatic shuttle. After I adjusted the speed and waiting times, it ran fabulously.

Satisfied, I worked on other parts of the layout. After a few days, I started the automatic shuttle again and nothing happened. Looking at the shuttle module, no LEDs were lighting up: was the unit broken or was there another reason? What had happened? This is what I found. Between the plywood base of the standard gauge and the top of the magnet on the N gauge loco there is about 0.5mm clearance. The strength of the magnet had lifted the N gauge loco off the track and it was hanging against the plywood, making no contact with the rails! So now if the layout is shut down, I move the Jeep away from the magnet, and put it back when it is time to operate – which it now does reliably!

Figures

I had to look for colonial figures that would fit in with the scenery. I found them from Phoenix, as whitemetal castings. The military figures come from sets by Tamiya. There are a lot of animals and birds on the layout; some are plastic, as noted, but many are also whitemetal, from Langley Models. All the figures, animals, and birds were hand-painted and placed in the right spots.

Locomotives

All the locomotives are based on the Fleischmann 'Magic Train' 0-4-0T. Now they are not so easy to find, because Fleischmann stopped producing them in 2010, but through one of my friends I managed to get eight of them. One is in original condition (in red livery with the toy-like markings) and (as a joke) runs with a bikini-clad female crew.

Two of the standard locomotives have been improved with parts from Paul Dirkzwager in The Netherlands. These kits inlcude parts to make a better coal bunker.

The four Backer and Rueb steam tram locomotives were scratchbuilt on basis of the Fleischmann 'Magic Train' loco using Evergreen plastic sheet and sections, following templates first made in cardboard. They are painted in the right green colour.

All locos have a driver and fireman.



Backscene

During the summer of 2012, a friend of mine visited Indonesia and I asked him to take as many landscape pictures as possible. After his holiday he brought me about a hundred pictures! I found two that would fit my layout very well. The right-hand one was taken on Java, the left-hand one during a boat trip from Semarang to Lombok. This picture was flipped and edited by Joachim Wischermann from JOWI (www.modellbahn-hintergrund.de) to make a backdrop 2.7m long. I then realised that the two sides of the layout were without a backdrop, so I duplicated parts of them.

Illumination

Now the layout was almost finished., but one thing was missing – the lighting. I knew I had to do something with LEDs, but how and what? Treinelektronica from Helmond in The Netherlands (www.treinelektronica.nl) gave me the solution. At the front of the layout is a double row of warm white LEDs at an angle of 45°, and half-way back there is a single row of identical LEDs, also at an angle of c.45°. The first row lights the scene from about 60mm in front of the layout right to the back, but because of the trees there would be a shadow on the backdrop; the second row of LEDs minimises the shadows. It works just as I expected and gives the layout an enormous depth.

Power

The last problem to solve was controlling the layout. The Jeep and the little red loco with the two women are fully automatic. The rest of the layout uses analogue DC, but the Fleischmann 'Magic Train' motors are not very consistent, and the same voltage can produce several speeds. At an exhibition a few years ago I saw a friend controlling his layout with the Heißwolf system. So I asked him for his experience of it, and during an exhibition in Leipzig in October 2012 I operated his layout using the system. During that exhibition I met the manufacturer and bought the SFR2000 set, an extra 5m cable, and a power adapter. It took me over a week to adjust all six locos for the best running.

Let me explain the system: there is a power adapter to transform the power from the mains to a lower voltage. Next there is a central unit with a memory chip and a power generator for all the necessary voltages and outputs (DC, pulsed, or DC and pulsed); and finally there is the handheld controller with display and pushbuttons. The system enables you to program up to 200 locos each with their own motor characteristics without a digital decoder. This programming is done by the handheld controller. Choose the loco number, scroll down to the kind of power you want, scroll down to the minimum power needed to let the loco run, etc. I must say it is very effective.

For more information – www.modellbahn.heisswolf.net



Epilogue

The layout's first exhibition was OnTraXS!, three days in early March 2013.

With the help of a friend it took less than an hour to have everything ready to run. After a few minutes, the trains were running and everything was fine.

On the first day I had a few problems with the Jeep, because the wheels of the N gauge loco underneath got very dirty, but after cleaning it ran all through the exhibition.

Taking the layout down, with the help of another friend, was also done within the hour. So I suppose to assemble or disassemble the layout on my own would take me 1½ hours.

The public seemed very enthusiastic and liked the way I had achieved the atmosphere of Indonesia. One man told me that he had been born there and it was as if he was back for a few moments.

The layout was due to stay in the railway museum at Utrecht as a static exhibit during the *Tracks to the Front* exhibition from the end of March until the start of September. I expect it will need some repairs and adjustments before it appears at the Warley NEC show in November.

I would like to conclude by thanking all my friends who helped me in making this layout.

Above
Military engineers prepare the track for unloading the locomotives from the LCT.

Below
There are more than sixty animals and birds around the layout – the chickens in the foreground here are among the easiest to spot!



Peter Smith explains how his new layout changed its identity during the planning process in order to fit a smaller baseboard than first envisaged. *Photographs by the author.*

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Grass Valley

Narrow gauge in California in the 1930s

When I first planned to make an On30 layout, my initial idea was to build an accurate model of the station at Grass Valley on the Nevada County Narrow Gauge, but at 40' long the layout turned out to be just too big. However, I had already ordered the baseboards from Black Cat in Hull so there I was with a garage full of baseboards and no firm idea about what to build. Even worse, the layout had been booked for an exhibition the following August, so I had to get on with something, and it would still have to be called *Grass Valley* or things could really get complicated!

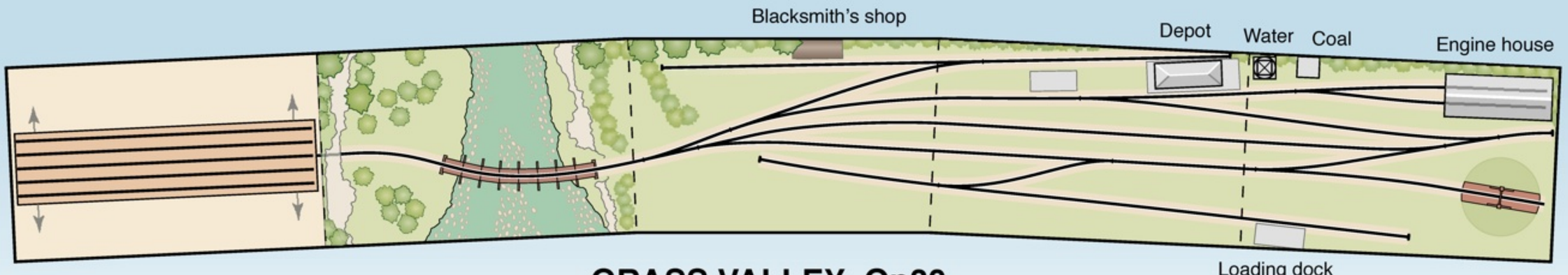
In the end I decided that the baseboards could best be used to build two 20' layouts which could then be transported in two cars rather than a hire van, making the layout a much more attractive option for smaller exhibitions, which we enjoy attending. This is the first of those layouts, a terminus called *Grass Valley* set in the mountains of California around 1930 but no longer bearing any relation to the real place. (The railroad is called the Laurel County in homage to my favourite comedian!)

In my garage I can put up three 4' boards at once so I decided to make the station part 12' long so that could be erected to work on and to play with, the fourth scenic board carrying a trestle bridge over a river leading to a 4' long fiddle yard. I drew out a track plan that included all the features I wanted, such as a two stall engine house and a turntable, and fiddled about with it until it looked right. I like a track plan to include areas that can make operation complicated as this keeps operating interesting at exhibitions; if I have to keep thinking about what I am doing, then I do not get bored. In this case there are light engine movements to access the turntable from the shed which can conflict with trains standing in the station, and one loop has to be kept clear for locos to run round. Within the limitations of the available space, I think there is enough interest without making it all look cramped and squashed in.

The boards are made from ply with hinged wooden legs; there is no way I could have made them myself to this standard. I did add the backscenes from ply, rising 12" above board level.



Right
Articulated 2-6-6-2 #5 is the line's heavy freight power. This is the Bachmann model pretty much unaltered, in plain black livery, heavily weathered. It may be rather excessive for the dwindling traffic now handled on the Laurel County Narrow Gauge – but I like it!



GRASS VALLEY On30

Overall length 20ft. Each board 4ft. x 2ft. 6in.



Left
Just leaving Grass Valley is 4-6-0 #4 in the LCNGRR passenger livery of lined green with a Russian iron boiler; it is kept spotless.

Below left
Railcar #3 and trailer are the standard Bachmann product, simply re-lettered and lightly weathered.



Track and control

I laid self-adhesive cork tiles as underlay on the station boards, and then put down the Micro Engineering code 83 track which is a superb product with the points ready wired for DCC. The frogs are so small that I have just left them dead – they do not cause any problems and it has simplified the wiring, which I do not enjoy.

I tried not to make the track look too perfect as narrow gauge short lines in the 1930s were beginning to look run down and under-maintained. It is a compromise, as I did not want constant derailments so the really bad track is on the sidings.

I wired the track to the DCC bus bars which are lengths of O gauge flexible track which I happened to have spare; these are laid on top of the boards to make life simpler while doing the wiring, and then covered with scenery. They can easily be uncovered again if necessary, but with no moving parts it should not be necessary.

Control is by a Lenz 100 system which I think is still be best on the market, and I have experience of most of them. The Lenz system is simple and robust but it does everything you need, which is fine by me.

Once the track had been tested, it was sprayed all over with Railmatch sleeper grime and then ballasted with a



50/50 mix of Woodland Scenics fine buff and brown, which to me gives the right look of narrow gauge track which had been there for forty years or so without a lot of tender loving care. The grass growing around the track is done at the same time; when the ballast has been flooded with dilute PVA glue, the static grass fibres are sprinkled on, long strands first in clumps, then shorter ones, not using the proper dispenser but just my fingers. They settle on the wet glue and it soaks in; when it dries the grass has become part of the ballast and looks most effective. All the other static grass on the layout was done in the same way – you do not need an expensive applicator.

Although the track had been sprayed, I thought it needed some more variation so I dry brushed the sleepers in shades of grey, buff, and white to look more like bleached wood, and on the sidings the rails were lightened with rust shades. I know conventional wisdom says to do this before ballasting but I like to do it with the ballast in place as only then can you really see what the track looks like. Using the dry brushing technique means that there is no risk of paint getting in the wrong places and although it sounds arduous it does not actually take long. It is worth it to see the detail spring to life as you apply the paint.

With the rail heads polished, the track can be tested again and any errant ballast that needs to be removed can be scraped off.

I install the point motors after ballasting because that way there is no risk of the PVA glue running down the hole for the wire and into the motor – they are expensive to replace. It is also easier to free up the pointwork after ballasting if the motor is not there. I use the excellent Hoffman motors and they can easily be fitted at this stage and wired into Lenz accessory decoders. I remove the springs from the Micro Engineering points as the motors keep the blades firmly in place. The points are operated from the Lenz handheld controller, simply being numbered 1 to 11.

Below
#4, a regular Bachmann 4-6-0, approaches the depot at Grass Valley with the returning passenger train.

Buildings and scenery

This brings me to the part I really enjoy, the buildings and scenery.

The super backscenes come from the American firm Backdrop Junction and are printed on self-adhesive vinyl, a huge improvement on using paper and paste, believe me! I added some buildings which I printed myself, at half scale to look more distant, and trees and foliage help disguise the joins and the fact that the same image is used more than once.

The buildings were all scratchbuilt using real American prototypes as the inspiration but adapting them to suit my needs. The two road engine house has a detailed interior, as it can clearly be seen; outside stand a coaling shed and a water tank. The depot building is not in the ideal place, by





Left
The engineer checks the road ahead is clear as #4 prepares to depart from Grass Valley.

Right
2-8-0 #10 is an ex-D&RGW C16 by Broadway Limited which has been modified with a whaleback tender.

the siding into the engine house, but it was the only place it would fit – even small buildings make big models in this scale! The fact that it is at an angle helps get away from all the buildings being in a line along the back. There is a small freight loading platform and the last building is the blacksmith's shop from the real Grass Valley, so there is one connection remaining to the original inspiration. The gallows turntable was scratchbuilt and at the moment it is simply pushed round, which works well enough; a reversing loop module takes care of the current polarity. I doubt if it would be possible to motorise it, and using a ready-built HO one would not look right on a line such as this. I can live with it for the moment – that is exactly how the real thing was operated, after all!

There is not room for much scenery on the station boards, but what there is c[illegible]es a Busch grass mat with static grass, foliage, and trees from International Models and Woodland Scenics.

The fourth board with the river and the trestle bridge is a different matter – it is nearly all scenery. First I had to lower the level to allow for the trestle, and add a higher backscene. The trestle was built away from the baseboard in my workshop, entirely out of Plastruct plastic sections. Conventional wisdom says you have to use stained strip wood assembled a piece at a time, but I like working in plastic which is cleaner, easier, and quicker, and I think gives a stronger finished bridge. It was built on a curve for no better reason than that it looks nice, but it also makes it more stable. Lots of Grandt

Below left
Outside the depot building at Grass Valley a handful of locals await the next train.

Below
The other clean loco in the passenger green livery is 2-8-0 #6, a standard Bachmann 'Consolidation', here seen hauling a freight.



Line NBWs (nut-bolt-washer) were used. The bridge was sprayed with Railmatch sleeper grime then brush painted in various greys and browns, with green at the bottom of the piers where they cross the river. The NBWs were then picked out in Railmatch light rust. Now it is in place I think it looks fine and you cannot tell what it was made from.

With the trestle in place on the baseboard, I built up the trackbed either side and then added the cliffs from cork bark.

The river bed is real gravel, sand, and stones (which does nothing for the weight) sealed with dilute PVA. Once the scenery was complete, the water was added using Magic Water sold by EDM Models in York. A picture of a similar river was added on the backscene, and fortunately the join between the two is pretty much hidden by the bridge.

At the far side of the trestle the line runs into a tunnel, behind which is the fiddle yard, a 4' long traverser sliding on drawer runners.

There was not a huge amount of scope for additional detail, but there are several Woodland Scenics figures (which I think are wonderful), a family of bears by the river, and a few period road vehicles – though of course we do not want to encourage them!

Above
2-8-0 #10 collects box cars from the short spur behind the depot.



Left
Outside framed 2-8-0 #26 is another Bachmann product, in black livery and quite heavily weathered.

Right
Outside the shed are 2-8-0 #8, another former D&RGW C16 (Broadway Limited) and outside framed 4-4-0 #2, once the line's premier passenger power and now relegated to lighter duties. The Bachmann model is weathered but not too dirty as it is still used on passenger trains from time to time. The railcar moves towards the depot.

Locos and stock

The line is operated mainly with freelance locos from Bachmann but there are two Broadway Limited C16 2-8-0s, one with a scratchbuilt whaleback tender with oil tank to give some variety – and because I like Nevada County No. 5. Other than this all the other locos burn coal.

One interloper is a Mountain Model Imports K37 2-8-2 which I run when no-one is looking – to accommodate it I had to move out all of the switch stands, as it is huge!

The rolling stock comes from Bachmann and AMS, plus four cars scratchbuilt by my friend John Dale and one coach with a Deerfield River laser-cut body on a Bachmann underframe. Over time I will probably add more items such as this, but with such a small fiddle yard more stock is really an indulgence. I have learned that you need plenty of locos, though, with spares at the ready if one fails during a show. It is much better to do the repairs at home.

The locos and stock have all been weathered, and all the locos have sound, mainly Tsunami decoders, which are superb. I need to add figures to the coaches, another job for the 'must do' list. All the locos have engineers and firemen from Woodland Scenics.

Below
4-6-0 #12 is another Bachmann model, in dirty black livery. 'Ten-wheelers' were considered to be mixed traffic machines.

Conclusion

I hope that *Grass Valley* is a bit different from the majority of On30 layouts that you see, in that it is not logging, it is not Colorado, and there are no geared locos. There is nothing wrong with any of these, it is just that I try to do something a little more out of the ordinary. Really Grass Valley is a short line terminus that just happens to be narrow gauge.

A new wintry layout from **Norman and Meg Raven**.
Norman explains how an impulse purchase dropped him into deep water ...
Photographs by Jolyon Sargent.



Shinso Mizu

A scenic setting for selected stock

In common with a number of our other exhibition layouts, *Shinso Mizu* is a consequence of the purchase by my wife, Meg, of an item of rolling stock which happened to have taken her eye.

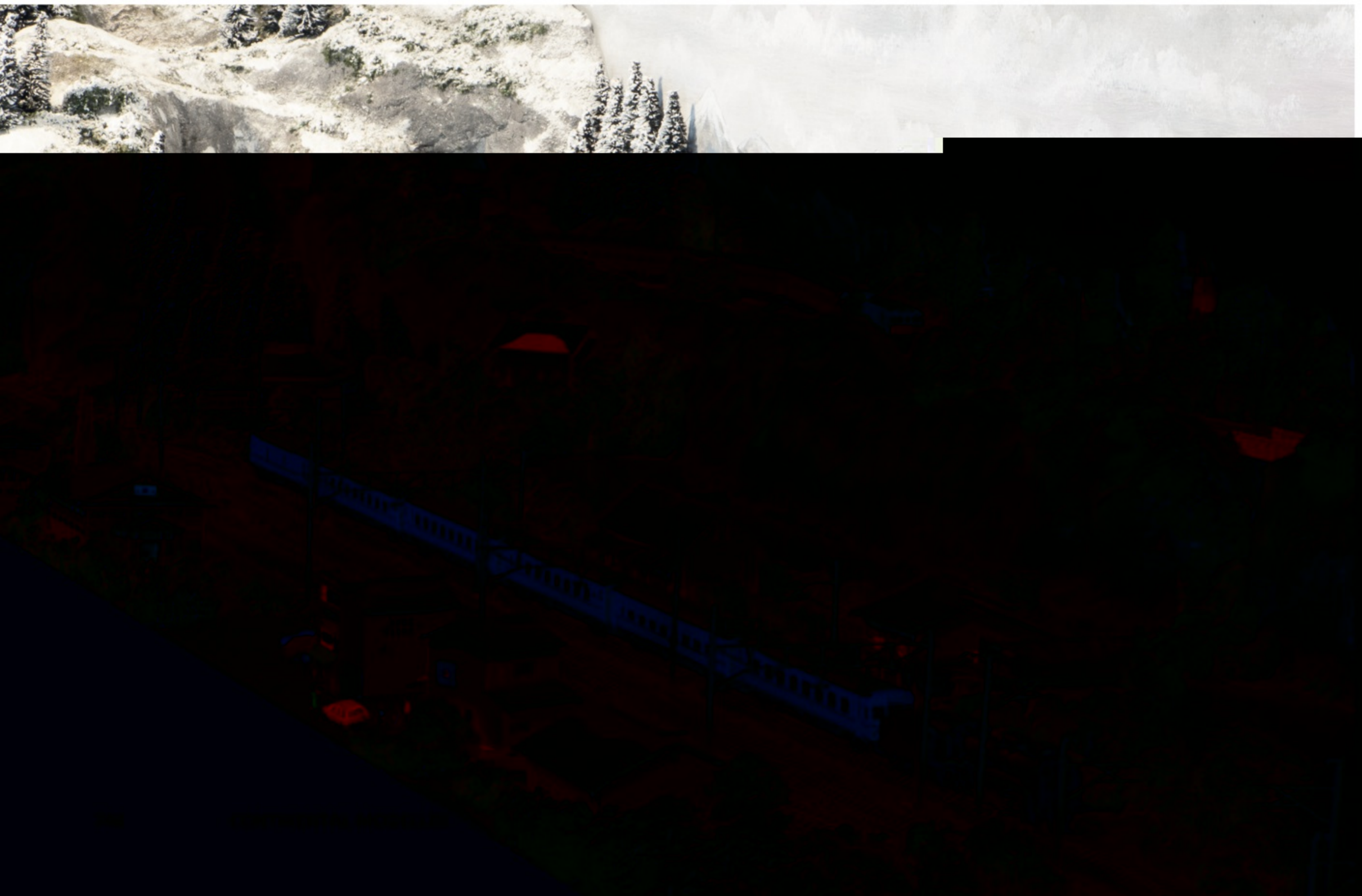
In this case it was a Z scale ProZ E231-500 series electric multiple unit of the Yamanote Line. A couple of locomotives and a container wagon set were added to the stockpile and then, inevitably, Meg began to make overtures for the building of a layout to run them on.

Having been in this position before, I immediately began to lay plans in accordance with the issued instructions that it had to be a simple tailchaser layout preferably on a single board. *Shinso Mizu* is the result, with a small through station and a couple of loops disappearing behind the backscene to four storage loops. For added interest, there is an upper level line snaking along in front of the backscene. This is a separate line and simply disappears through the backscene at each end.

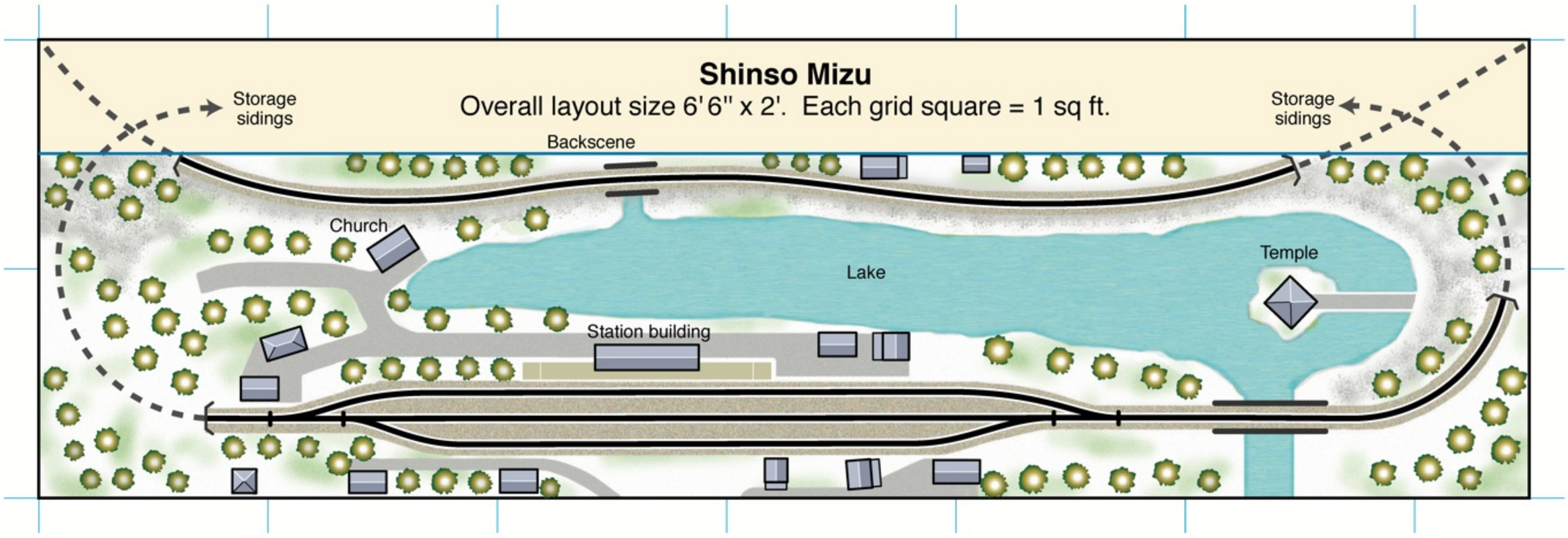
Having tried various scenic permutations, I ended up with a lake occupying most of the centre of the layout along its length and this provided the name – I understand that 'Shinso Mizu' can be roughly translated as 'Deep Water'.

Right
A container train hauled by an EF65 rumbles through the station. On the upper line, a class 485 'Red Express' speeds towards town.

Below
A steam special, made up of Type 25 coaches headed by a D51 2-8-2, pulls into the station where passengers will alight to view the lake.









ures 6'3" x 2' – the length was dictated by the maximum which I could get into the car (a Renault Espace, which has the excellent facility of being able to remove individual seats to turn it into a small van).

Rather than cutting out the area for the lake, I resorted to the simple expedient of raising the trackbed on strips of balsa wood, having been given a large box of this from a neighbour who had rescued it from going into a skip.

Trackwork

The track is the Rokuhan ready-ballasted type. This is very similar to the Kato and Tomix track in N which we have used for a couple of our other layouts. I used the early versions of this track, which requires you to trim the track pieces to fit with the turnouts although I notice now that the currently available track comes ready trimmed.

A slight difficulty I had with this system is that the point geometry does not allow you to fit a point onto the curved section of another, as you would normally do when constructing storage loops – you have to use a return curve first. This results in each loop becoming even shorter and (with standard track pieces) not meeting up with the track from the other end of the loop. The expandable track now avail-

Baseboards

There is nothing particularly novel about the baseboard construction. The frame is 34mm x 18mm softwood formed into L-girder shape and topped with a 4mm plywood surface. The backscene boards are also of 4mm ply. The board meas-

Above
The E231-500 e.m.u. (which started all this!) overtakes a freight train with a DD51 diesel loco held in the loop.



able might assist here but that particular component was not available when the layout was under construction.

I have used the electric turnouts which operate on DC power, but rather than connect them to the large Rokuhan switches I use simple DPDT switches.

The track was sprayed with Railmatch sleeper grime to mask the plastic look of the ballast and the shiny rail sides. It is important to protect the operating switches on the side of the turnouts to prevent then getting gummed up with paint (he said, from experience!). I use a little bit of masking tape or Blu-Tak. The rail tops are then cleaned with a track rubber and isopropyl alcohol.

A number of our locomotives are based on electric prototypes and so catenary was a necessary scenic addition. As with our similar layouts in N scale, the catenary itself is non-operational and only the masts are represented – the overhead wires are omitted since in this scale they would not really be that obvious.

Above
A 485 series e.m.u. heads into the tunnel above the church and houses at the head of the lake.

Below
The whole layout at a glance – it just shows how much can be achieved in a modest space in Z.



Above right
SUHA 43 suburban coaches hauled by an EF64.

Above
Despite the snow, the shops are busy and some of the warehouse workers chat before heading home.

Below
An EF65 trails a container train through the station. The building in front is a public bath house.

Scenery

The scenery is a mix of materials and techniques. The basic landforms are made from polystyrene blocks which approximate to the desired shape and are glued together with PVA. These are then covered with tissue paper scrunched up to from the required rounder contours, after which scraps of tissue paper are glued onto the base shape. The rock formations are shaped from ready-mixed plaster. The accepted practice is to apply this and then carve the shapes and strata required. However, I simply skim the plaster onto the tissue paper base and at the same time form the rocky surface by finger pressure – I find this much easier than trying to carve set plaster.

Once the plaster has dried, the rocks are then painted with a suitable colour. A darker wash is then applied to form the shadow areas and a lighter shade of the basic rock colour is dry brushed on to pick out the edges and highlights.

Ground cover is the usual scatter materials, held in place with the customary spray of 'wet' water (water with a few drops of washing-up liquid) followed by an application of Woodland Scenics 'Scenic Cement' through a pipette. Again, it is necessary to protect the turnout switches so that the glue does not get into the operating parts of the mechanism.

The assorted greenery including bushes and trees is recycled from a previous Japanese N scale layout and is mainly Woodland Scenics. All this is secured with a hot glue gun. Keep your fingers away from the hot glue. (Experience again!)

The lake surface is made very simply by painting the board surface black and then applying many successive coats of Klear floor polish. Before painting, it is best to smooth the board surface with reasonably fine grades of sandpaper and ensure that all the dust is cleaned away. Eventually a surface is formed which will reflect the surrounding scenery and the passing trains.

The backscene, like all our layouts is hand-painted by myself using acrylic paints. In this way I can match the backscene to the three-dimensional scenery and to the overall scene required. I stuck some photographs of suitable buildings over the painted backscene – the trick here is to get the correct size and perspective.

Snow

Meg very much wanted another snow scene. I say 'another', because we currently have two layouts with snow, and three of our previous Japanese N layouts featured snow scenes! As will have been clear from the previous references to the scenery, the layout is built as though a 'normal' green scene is to be portrayed and the snow is then applied on top to give the effect of a snow fall rather than a blizzard. My contract work during the winter as a gritter truck/snowplough driver means that I get pretty much enough of the real white stuff anyway!

There are now a number of proprietary materials on the market for replicating snow, but when we first started to build snowy layouts these were not available. Our snow mix is therefore a very simple concoction of talcum powder and crushed glitter dust which catches the light and gives a frosty effect.

To apply the snow powder, the scenery is first given a



quick brush with white emulsion paint and then sprayed with hair spray. Again it is necessary to protect the track, and this is done by laying strips of damp paper towel or the like over it. The snow is applied from a cheap old tea strainer until the desired coverage is achieved. The initial application of hair-spray dries quickly and a second and possibly third coat is then sprayed over the snow to fix it in place. Once this is done, the protective strips can be lifted. This leaves small areas which have no snow – these can be spot treated with more snow powder and Scenic Cement. The centre of the track itself is dealt with simply by dry brushing the white paint over the sleepers and ballast.

Structures

The buildings are laser-cut card kits which fit together beautifully even in this tiny scale. The girder bridge over the stream is recycled from an old layout which was in 1/12th scale using Z scale stock as a garden railway. The plate girder bridge on the upper level is simply a couple of pieces of card, suitably painted.





Operation

Operation of the layout is very simple. Trains of various sorts transit from the storage loops to the scenic side of the layout then return. Some, such as the long container train go straight through, while others, such as the stopping passenger trains and short freight trains, halt for a while in the loops to allow other trains to overtake or pass in the opposite direction. Because of the limited length of the storage loops, the display material warns that if viewers hang around for a few minutes they will probably see the same trains again!

Conclusion

That then is a very quick canter through the beginnings and construction of the layout. If anyone would like more information about any aspect, please feel free to get in touch, or ask if you see us at an exhibition.

Below
The D51 2-8-2 hauled steam special awaits the return of the passengers from sightseeing at the lake.

Below
An E231-500 e.m.u. passes a short train of bogie tank cars in the station while on the upper line a KIHA 52-100 diesel railcar takes passengers to work in the nearby town. The scenery was made green and then light snow added.







Right
A DD51 diesel with a short freight train heads over the bridge; it will be held in one of the station loops to allow an express passenger train to pass.



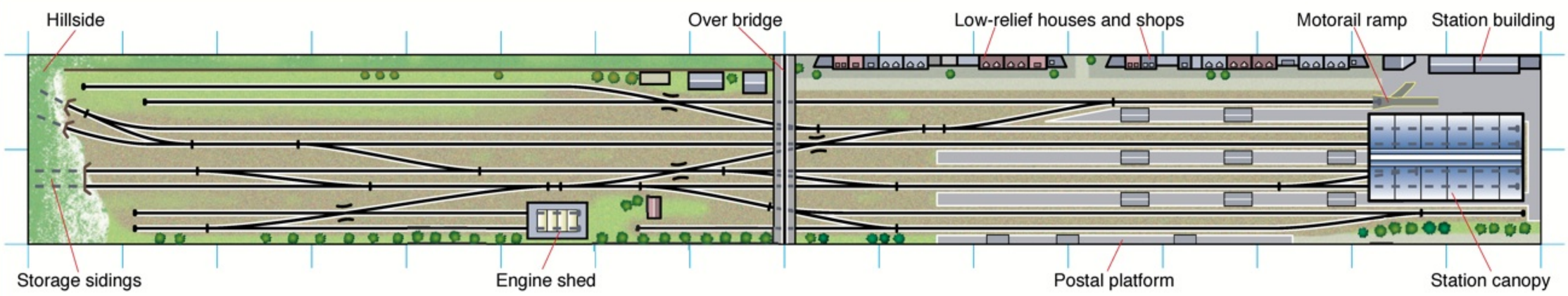
Roger Ellis describes his new Swiss HO layout, designed to accommodate a wide variety of trains, including Austrian and German stock on international services.

St.Nichlaus

A terminus with intensive operation

Below
An overview of the station with a variety of stock from different eras, including a DBAG ICE3, SBB twin unit electric railcar RAe 4/8 1021 of 1939, initially known as *Roter Doppelpfeil* (red double arrow) but nicknamed 'Churchill' after he travelled in it in 1946, and a 1950s local stopping service with an Re4/4ᴵᴵ.
Photographs by the editor.





St. Nichlaus Overall layout size 16' x 2'. Each grid square = 1 sq ft.



Most articles in this magazine explain why a layout was constructed, but mine emanates from a layout being de-constructed! I had taken my previous HO layout, *Hohtenn*, set on the BLS main line, to an exhibition and some time after the event the organisers contacted me again and enquired if I would take it to another show the following year. Unfortunately, by then it had been consigned to the scrap heap, and I unwisely offered an alternative. Hence the building of *St.Nichlaus*.

The layout is based loosely on the station of Buchs SG on the Swiss/Austrian border, except that, as many will know, Buchs is a through station whereas mine is a terminus. The incentive to building the layout, if I am honest, is so that I can run some of my collection of Swiss and Austrian stock rather than look at them in boxes in a cupboard. I wonder how many modellers do just that?

The station has a postal siding as even in 2013 the Swiss still transport much of their mail by train, although today it is in containers rather than in the green postal vans of yesterday. Both old and new postal trains can be seen on the layout.

Austrian Railways (ÖBB) still run a motorail service, especially between Bregenz in western Austria and Vienna, the capital. So the appropriate ramp has been built in St.Nichlaus and the various shunting movements can be seen when such a train arrives and departs. The station shunter on my layout is not quite as speedy as its real counterpart in Vienna.

Locomotive sheds are disappearing from smaller locations but St.Nichlaus still retains such a building, which is extremely useful for storing engines whether electric, diesel, or steam. The timetable incorporates a number of locomotive changes and therefore a shed is essential.

Baseboard and track

The board follows the usual pattern of construction used by most modellers, and the boards themselves are supported by trestles and cantilever legs. The surface is 12mm soft board which has the advantage of being light but the disadvantage of needing more support.

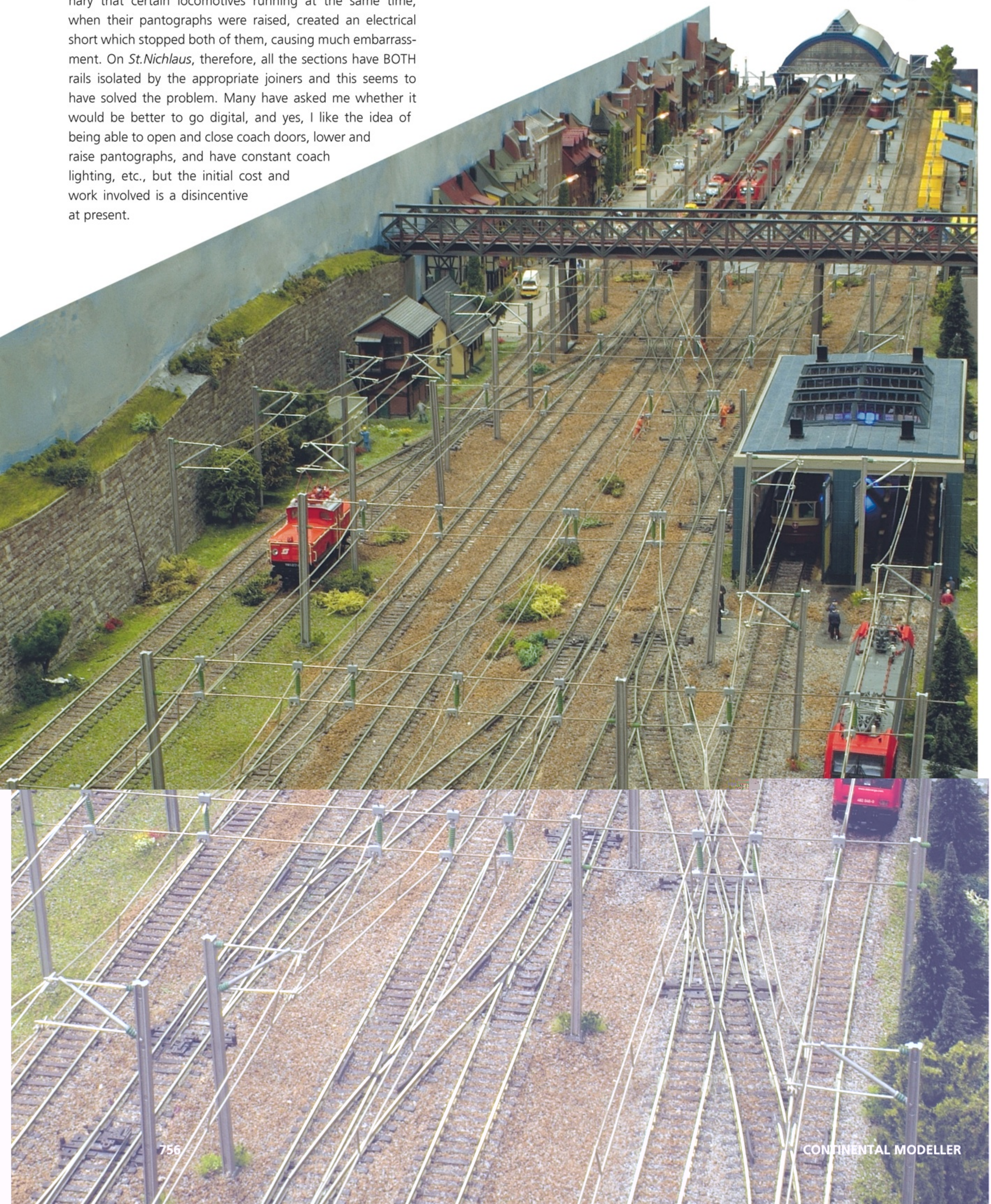
The track is Peco, with points worked by SEEP motors. My son Simon, in his article on his *Beckenvick* HOm layout (CM September 2012) had referred to my less-than-clever idea of using powder glue to secure ballast. My idea works if your layout is permanent and not subject to frequent bouts of pummelling by the suspension system of a Transit van or similar. If it is, use the PVA and washing-up liquid method: tried and trusted, and almost idiot-proof.

Electrics (or lack of same)

The layout is analogue DC but I have not gone down the route of having a 'common return' throughout the whole layout. I found on a previous end-to-end layout with catenary that certain locomotives running at the same time, when their pantographs were raised, created an electrical short which stopped both of them, causing much embarrassment. On *St.Nichlaus*, therefore, all the sections have BOTH rails isolated by the appropriate joiners and this seems to have solved the problem. Many have asked me whether it would be better to go digital, and yes, I like the idea of being able to open and close coach doors, lower and raise pantographs, and have constant coach lighting, etc., but the initial cost and work involved is a disincentive at present.

The signals are by Schneider and are there to give trains the 'right away' – when operators remember to use them. (We do have a number of SPADS!)

Below
The station throat layout makes much use of double slips, which are common on European railways.



Above
New ÖBB double-deck stock arriving at St.Nichlaus. The permanent way gang cannot stop whilst there is important work to be done!

Below
The 'Churchill' railcar glides effortlessly into St.Nichlaus on an enthusiasts' excursion.

Catenary

A layout in almost any gauge where the locomotives have pantographs should, in my opinion, have some semblance of catenary – otherwise, where does the running locomotive get its power?

I have used Hobbex catenary obtained from Winco (usual disclaimer). Swiss enthusiasts will tell you it is not much like genuine Swiss catenary, and they are right, but if I were to have used Sommerfeldt it would have been beyond my budget. Viewers have been very complementary about the catenary and rarely notice it is not prototypical.

Buildings and scenery

Readily-available low relief kits from Faller and Metcalfe have been used. The latter are based on British buildings but with suitable Continental shop signs, etc., can pass quite easily for their European counterparts. The loco shed is by Vollmer, and other houses are from Kibri and Faller.





The station canopy is a basic Faller kit but not the easiest thing to build. To carry it safely to exhibitions requires a stiff cardboard box lined with foam.

The scenery employs no special methods. For example, the rock face by the tunnel mouths uses Artex over crumpled silver foil. When dry, this can be scored and coloured with poster paints.

A combination of grass mats and flock has been used to create the appropriate areas. These days it is possible to buy excellent trees, shrubs, flowers, and all forms of vegetation from most of the major manufacturers, so I have not made my own.

Locomotives and stock

The locomotives and stock are mainly from Roco, Lima, and Trix. They were, until recently, straight out of the box, all gleaming and new. I did not want to see any of my stock 'spoiled' by having them weathered.

However, I asked my friend Alan Wardman, who has penned an article on that subject for CM, to lightly weather two of my ÖBB car transporter wagons. They looked so good I asked him to do the same to the accompanying ÖBB coaches. I could not imagine a locomotive or electric multiple unit being similarly treated, but by the time you read this I may have given in ...

Above left
The modern locomotive depot with a Swiss Re4/4^{II} being serviced.

Above
Every shed needs a coat of paint now and again.

Below
A 'Swiss Express' liveried Re4/4 and an Re460 are on passenger services as an Am842 diesel deposits container wagons at the postal platform.

Above
"Now, when you see a proceed aspect on that signal there the Transalpin will depart for Zurich, I think."

Timetable

To make the most of the trains, and to keep things moving all the time if possible, the layout is run to a timetable. I have tried to have trains arrive and depart at the same time thus giving viewers two moves to watch. The sequence also includes a variety of operations such as locomotive changes.

It took many hours and a number of alterations to get the timetable right, and I have to thank my fellow operators for their criticism and suggestions. As usual, you think you have got it right only to find out there is a move which did not look right or at worst does not work.

I have not come up with a clever foolproof method of compiling a timetable, but if readers would like me to explain how I undertake this dreaded task, I will compose an article. (A good excuse for some more pictures of the relevant trains!)

Below left
An SBB double-deck train glides into St.Nichlaus.

Below
Preserved ÖBB 'Crocodile' 1189.02 and one of the first batch of SBB Re4/4ᴵ locos, with a corridor connection.





Above
An ÖBB 'Taurus' locomotive with an Austrian inter-city service formed with double-deck stock.

Left
This SBB Ee6/6^{II} electric heavy shunter of 1980 is a delight to operate and could probably pull all the stock on the layout at once!

Above right
The overall roof (from Faller parts) is lovely to look at but very delicate to handle. The SBB Cargo Re484 has brought in a postal train.

Right
The driving trailer of the 'Swiss Express' set glimpsed under the overall roof.

Far right
Almost hidden behind the station is the loading ramp for the motorail services. Shunting these trains makes for interesting operation.

I need help ...

My partner has said that about me many times, but I do not know what she means ...

When you exhibit a layout, you need assistance in operating which sometimes involves a weekend away. I appreciate the time friends give up, especially when they have family commitments.

I have been a member of the Swiss Railways Society for a number of years and the members have always offered advice and encouragement.

I have also found suppliers such as ModelMasters, Mount Tabor Models, and Winco to be most helpful with advice even if you may not be buying at that particular time.

The layout will be at the Tolworth Showtrain exhibition on Saturday 9th and Sunday 10th November. (More information in *Exhibition Diary*). I will be assisted with the operation by my son Simon together with Alan Wardman and Steve Tinsley, so this is a golden opportunity to ask Simon about *Beckenvick* and Alan about weathering (he can show you what he has done to my ÖBB car train), while Steve can tell you about the re-signalling of Reading station. (Nothing to do with operating *St.Nichlaus* but ...).

As for me, all layouts have problems at exhibitions, and I may be underneath trying to solve an electrical fault, but you can be assured of a warm welcome (mind the soldering iron)!

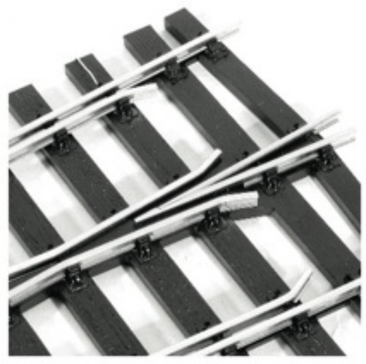


Reviews

Evaluated by our own specialist staff







HO Deutsche Bundesbahn BR141 electric new from Fleischmann





The Deutsche Bundesbahn E41 (after 1968 BR141) was part of the *Einheits* (standard) programme, designed for local traffic and branch lines. 451 units were built between 1956 and 1971. Originally intended for light passenger trains, with a top speed of 120km/h, a power rating of 2,400kW, and an axle load of less than 17 tons, due to a general shortage of locomotives they were also used for express trains, until express speeds were raised to 140km/h in the early 1960s. The first was withdrawn in October 1987, but the last few remained in service until December 2006.

With so many units, a long life, and several liveries, the type is an good candidate for a model. It has featured in the Fleischmann range before, but this is a completely new model.

It has been noted that it is more like a Roco product – in fact, the bogie keeper plates actually have 'Roco' moulded in, and the printed circuit board is similarly identified. Does this suggest a change of policy between construction and marketing, or just sensible use of common parts?

Our sample is in Epoch IV blue & beige. As the various prototype photos which have been used to illustrate the proposal so far clearly show, it should have a horizontal handrail under the windscreens and round the cab sides.

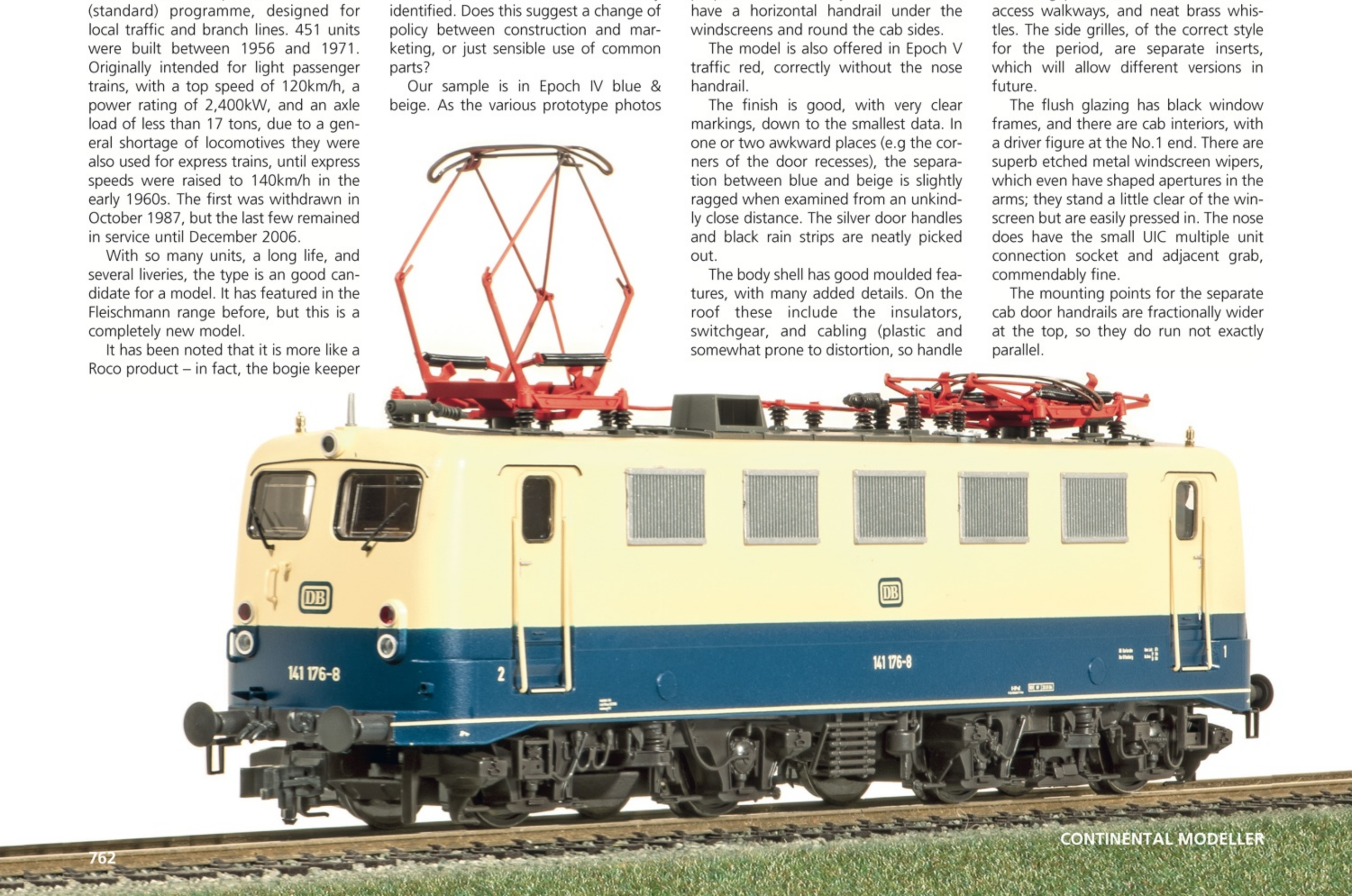
The model is also offered in Epoch V traffic red, correctly without the nose handrail.

The finish is good, with very clear markings, down to the smallest data. In one or two awkward places (e.g the corners of the door recesses), the separation between blue and beige is slightly ragged when examined from an unkindly close distance. The silver door handles and black rain strips are neatly picked out.

The body shell has good moulded features, with many added details. On the roof these include the insulators, switchgear, and cabling (plastic and somewhat prone to distortion, so handle carefully) plus open-sided vent cover, mounting plate, antenna, etched metal access walkways, and neat brass whistles. The side grilles, of the correct style for the period, are separate inserts, which will allow different versions in future.

The flush glazing has black window frames, and there are cab interiors, with a driver figure at the No.1 end. There are superb etched metal windscreen wipers, which even have shaped apertures in the arms; they stand a little clear of the winscreen but are easily pressed in. The nose does have the small UIC multiple unit connection socket and adjacent grab, commendably fine.

The mounting points for the separate cab door handrails are fractionally wider at the top, so they do run not exactly parallel.



The loco comes fitted with attenuated brake hoses and dummy coupling hooks to allow working model couplers; there is a packet of optional parts to add (again more like Roco) with full brake hoses, dummy scale couplings, multiple unit connections, and electrical links and sockets, finely moulded in black plastic.

The underframe carries the battery box, air reservoirs, and cooling coil.

The bogie sideframes are very highly detailed, moulded in deep relief, with added cab steps, and brake shoes in line with the wheels tread.

Fleischmann Profi couplings are fitted in NEM pockets on close-coupling mounts.

The model is built around a substantial cast metal chassis and powered by a centrally-mounted five-pole skew-wound open frame motor, with flywheel, driving all wheels via cardan shafts and reduction gearing on the bogies. Two wheels at the No.2 end are fitted with traction tyres. Current collection is by wipers on the backs of all wheels.

The model runs smoothly and quietly, and is controllable across the speed range from walking pace to a maximum which is just under the prototype's 120km/h. This is not a limitation of the digital model tested: increasing the value of the relevant CV had no effect – the top speed is a mechanical property, but it should be more than adequate for practical use on the layout.

The minimum recommended radius is 356.5mm.

Directional head and tail lighting is achieved using LEDs; the coloured lenses are not a tight fit within the housings.

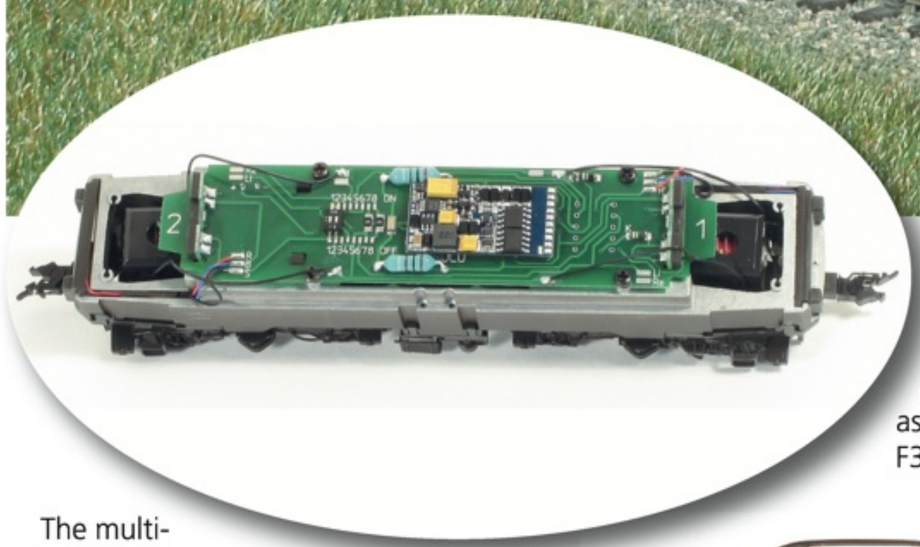
Two tiny DIP switches on the p.c.b. within allow the lights at each end to be isolated (so they do not shine on the first coach, pulling or propelling, when the loco is coupled to a train).

There is no provision for using the type DBS 54 double contact pantographs to collect current, though they are sprung and will 'ride' the contact wire.

The model has a 22-pin socket for a decoder (not the NEM 652 eight-pole noted in the new items leaflet). It is also offered with digital sound factory fitted using a LokSound V4.0 by ESU.

The digital model can be run on analogue DC but only the running sounds are active.





The multi-protocol decoder works at 40kHz for smooth and silent motor control, is load compensated, and recognises braking sections. It also supports RailCom.

Function 1 turns the sound on, with noises as appropriate, while stationary or in motion. On start up, we hear the pantograph go up and crack against the contact wire, the main switch goes on, and the transformer fan runs up.

On departure, the brakes come off, the fan revs increase, and there is the characteristic 'popping' of the step changes which gave the locos the nickname of *Knallfrosch* (firecracker), plus the transformer and traction motor fans. When slowing down, there is brake squeal when relevant, if running fast enough. When the machine is shut down, the main switch turns off and the pantograph comes down.

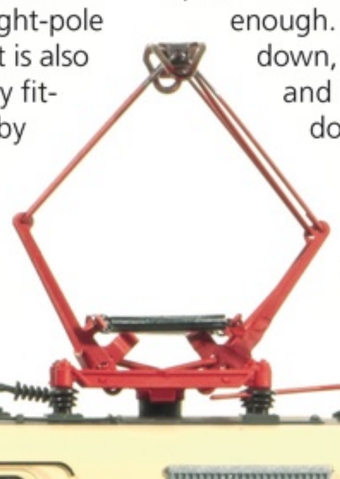
F2 sounds a long whistle, F15 a short whistle, and F5 a departure signal (guard's whistle). F11 triggers the brake squeal and F12 flange noise on curves, while F13 activates the compressor. F17 is the doors closing, F14 the doors closing and a whistle, and F8 a station announcement (in German, of course). There is even a child asking for a cab ride (F16)! F10 mutes the sound.

F3 and F4 isolate the lighting at each end, and F7 works the interior lights. F6 switches the programmed inertia on or off, while F9 engages shunting speed mode.

There are good multi-lingual instructions for the model (also in the Roco style) and the decoder.

While brand identity may be significant, especially in Germany, whether Fleischmann or Roco this is undoubtedly a nice model, and reasonably priced.





Manufactured by

Fleischmann GmbH & Co.KG.,
D-91560 Heilsbronn, Germany.
www.fleischmann.de

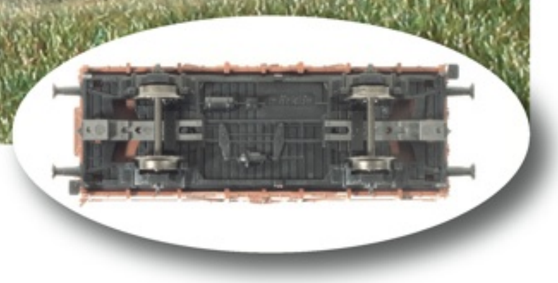
DISTRIBUTED IN THE UK BY
Gaugemaster Controls,
Gaugemaster House, Ford Road,
Arundel, West Sussex, BN18 0BN.
www.gaugemaster.co.uk

PRICE ref.432801 DC £185.00.
ref.432871 DCC sound £270.00.



HO Early Deutsche Bundesbahn coal train set from Märklin





To make a suitable train for the limited edition Insider Model for 2013, the BR58 2-10-0 (ref.37589), due out soon, Märklin is offering a similarly exclusive set of seven four-wheel open wagons, weathered and loaded with real coal.

The set includes new models of the type Om21 (formerly Om 'Königsberg'), two with brake house, one with brake platform, and one short frame example without brake house or platform. These are complemented by one type Om12 (formerly Om 'Breslau'), one type Omm37 ('Duisburg'), and one short type O11 (O 'Nürnberg'), with a metal body, in contrast to the wooden construction of the others, each with different reinforcing struts. The type Om 'Königsberg'/Om21 is distinguished by the frame reinforcement – the Om12 has none and the Omm37 is fitted with queen posts and truss rods.

Other under frame features (girders, planking, and brake equipment) are moulded in medium relief. with free-standing side and end steps, and truss rods (where applicable). The frames boast well detailed axleboxes, with brake shoes in line with the wheel treads where approriate.

The one-piece moulded plastic body has good plank and channel strapping detail, subtle bolt heads, and sundry hardware formed in low relief; the fine handrails and lamp brackets on each corner are also moulded integrally but stand clear of the body. The doors do not open.

The weathering is very effective, and all markings are clearly printed – naturally all the numbers are different.

The wagons are presented as running in c.1952, so while some have the then relatively new DB (Deutsche Bundesbahn) lettering, some still carry the older DR (Deutsche Reichsbahn) but with 'Brit-US Zone' markings added.

Märklin couplers are fitted in NEM pockets on close-coupling mounts.

The wagons roll freely on blackened metal disc wheels.

DC wheelsets are available as replacements, and a similar set (ref.24258) can be found in the Trix range with different running numbers, as a special only for Trix Club members.

Manufactured by

Gebr.Märklin & Cie. GmbH,
Stuttgarter Straße 55-57,
D-73033, Göppingen, Germany.
www.maerklin.de

AVAILABLE FROM
Mount Tabor Models,
Scarthin, Cromford, Matlock,
Derbyshire, DE4 3QF.
www.mount-tabor-models.co.uk

PRICE ref.46026 c.£175.00.







G D&RGW combine new by Piko



The large scale range by Piko has been augmented with new models of typical American narrow gauge clerestory-roofed vehicles, in the form of a passenger car and a combine (*illustrated*).

They are offered initially in a representation of the so-called 'Grande gold' bright yellow livery, with clearly printed lettering: 212 is an authentic number for a D&RGW combine in this colour scheme, although the models have been shortened, in order to negotiate typical layout curves.

The models have been made in weatherproof materials so are suitable for use outdoors as well as inside. The plastic body shell has some moulded features and is enhanced with added parts such as smoke jacks, handrails, and end railings with handbrake columns.

The glazing is flush, with neat wood-effect frames, and some windows open. There is interior detail. The baggage doors will slide open, and the roof can be removed to add passengers.

An interior lighting kit, with pickups and exchange metal wheelsets, is available as an optional extra.

The underframe features moulded floor detail and brake equipment with added queenposts and truss rods.

The trucks are very well detailed, with prominent lateral springs.



The model runs freely on one-piece plastic wheelsets.

Regular couplings are fitted, flexibly mounted on the trucks.

The simple instructions, illustrated with 'exploded' drawings, are annotated in four languages.

Manufactured by

Piko Spielwaren GmbH,
Lutherstraße 30,
D-96515 Sonneberg, Germany.
www.piko.de

DISTRIBUTED IN THE UK BY
Gaugemaster Controls,
Gaugemaster House, Ford Road,
Arundel, West Sussex, BN18 0BN.
www.gaugemaster.co.uk

PRICE ref.38610 £84.00.

HOe New models for DR narrow gauge by Modellbau Veit

DR 99 4052 'Gummidampfer'





The new loco from Modellbau Veit is something of an oddity. It represents a superheated machine built at Podolsk in Russia in 1934; the type was intended for forestry and industrial lines. It was brought to Germany during the Second World War. Oddly, it was not reclaimed by the Soviets after the conflict (when much other railway material was taken as reparations) and in 1948-9 it was overhauled at Zittau shed; it was then used on various lines in Saxony, until 1950 at Wilsdruff shed and then for dismantling the Goßdorf – Kohlmühle – Hohnstein line. It was in Thum from August 1951, shunting the paper factory there, then from April 1953 it was allocated to the Trusetalbahn, until 1958 when it needed overhaul again. In the course of this it got air brakes and was renumbered 99 4541. It was then based at Wustermark for the Nauen – Senzke line until 1961, then at Jüterbog, and by 1963 it was on the Burg network. These frequent moves suggest it was either troublesome or not very useful. It was certainly small compared to most Sachsen locos. It was withdrawn in 1965 and dismantled in 1966. It acquired the nickname *Gummidampfer* (literally 'rubber steamer', but the precise significance is not now clear).

The model is dimensionally accurate and beautifully detailed. The bodywork is made up largely of high quality whitemetal castings with lost wax brass detail parts, plus wire handrails and pipework. The cab has clear glazing.

Care must be taken when handling the model not to distort the fine blackened metal coupling rods and valve gear.

The paint finish is excellent, with sharply printed markings: the works plate on the dome is a delight. Veit have modelled the machine early on when allocated to Thum. (Latterly it had an air brake pump on the right of the smokebox, and the coal rails on the tender were replaced with sheet metal.)

The model is powered by a Faulhaber motor with flywheel, and the performance is impeccable, from less than 2km/h at c.2 volts to a top speed of just over 45km/h on full voltage; the permitted maximum (25km/h) is achieved with around 8 volts. All driving wheels are powered, through brass gears, and collect current; the tender wheels also have pickups. No traction tyres are fitted. Minimum radius is quoted as 230mm.

On the printed circuit board the necessary connections are brought out to allow installation of a NEM 651 six-pole decoder socket if required.

Bemo-type couplings are provided; however, the mounting recesses do not have a lip to engage the retaining catch moulded on the inner end of the shaft, so a spot of superglue will be required.

The model is also offered as a kit.

Another quality addition to the selection of motive power for the Sachsen narrow gauge (and beyond), a unique locomotive with a limited life, albeit used on several different lines.

Although not cheap, given the quality, and by comparison with the current cost of Bemo metal models, the price does not seem unreasonable.



DR narrow gauge snowplough





Also new from Modellbau Veit is a model of the four-wheeled snowplough 97-09-75, presently allocated to Cranzahl on the Fichtelbergbahn. The type dates back to 1913-16; built in Chemnitz, this example was rebuilt in the late 1970s and is now air-operated. This type was designed to be propelled by a loco at relatively high speeds (e.g. on a service train) to keep the line clear rather than to clear deep drifts.

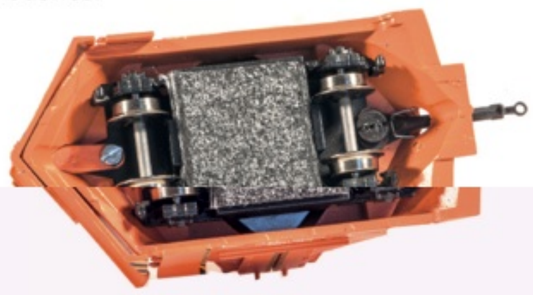
The model is accurate according to published dimensions and well detailed. It is made up of high quality whitemetal castings with lost wax brass detail parts.

The coupling bar is flexibly mounted.

The wings and doors are not movable.

The paint finish is good, with sharp warning stripes (correct for the present day). Some of the small fittings are picked out in black, while the headlight 'lenses' are silver.

The wheels are on metal axles and are insulated both sides with plastic centre bushes.



The model is made as a track cleaner using the Jörger system: a cleaning pad is mounted on a weighted block which can move vertically, and rests on the rails. A spare cleaning pad is provided; the pads can be cleaned in warm water.

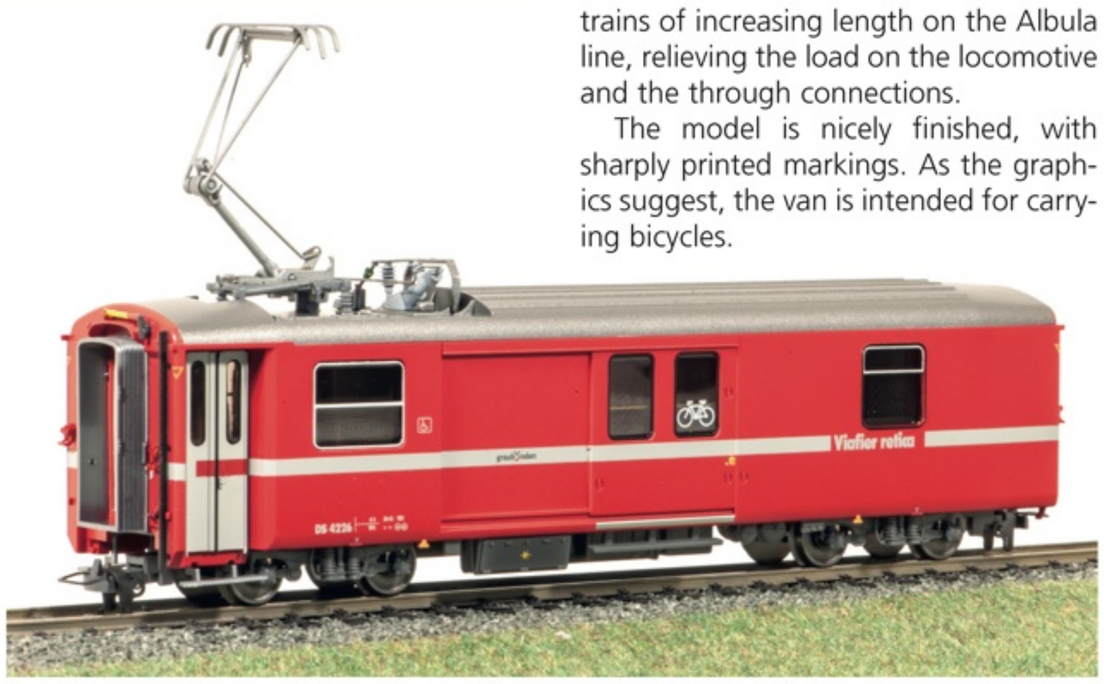
These ploughs were and are a characteristic feature of the Sachsen narrow gauge lines, and still have an important function.

Produced by

Modellbau Jürgen Veit,
Volkshausstraße 1,
D-08297 Zwönitz OT Brünlos,
Germany.
www.modellbau-veit.de

PRICE
99 4052 ref.71042 €598.00.
snowplough ref.760[illegible] €115.00.
Postage extra.

HOm Rhätische Bahn baggage van with pantograph by Bemo



Bemo has recently released a modified version of their model of the modern Rhätische Bahn EWII standard bogie baggage van, introduced from 1980, as DS 4226 in the current 'new red' livery, with the wider waist stripe containing 'graubünden' graphics, as equipped with a pantograph in 2010. This unusual fitting was to provide an auxiliary power supply for heating, etc., for the trains of increasing length on the Albula line, relieving the load on the locomotive and the through connections.

The model is nicely finished, with sharply printed markings. As the graphics suggest, the van is intended for carrying bicycles.



Detailing parts provided for the modeller to fit include brake hoses, sundry electrical connectors, and tail lamps. There are spares of some components as the accessory pack is standard.

The model rolls freely on blackened metal disc wheels on pinpoint metal axles, insulated one side by plastic centre bushes.

Standard couplers are mounted on the bogies, which have nicely detailed sideframes, axleboxes, and coil springs.



Manufactured by

Bemo Modelleisenbahnen,
Stuttgarter Straße 59,
D-73066 Uhingen, Germany.
www.bemo-modellbahn.de

SAMPLE SUPPLIED BY
Winco, 149, Alresford Road,
Winchester, Hampshire, SO23 8JZ.
www.winco.uk.com

ref. 3270 176 £63.40.

HOe HF200D military narrow gauge diesel new from Ferro Train





Developed in 1939-40, this was the largest and heaviest narrow gauge diesel built for the German military. With an engine rated at 200hp and a weight of 23.5 tonnes, it was effectively an enlarged version of the familiar HF130C, running on eight wheels instead of six. Transmission was hydraulic (Voith L33), with the output to a jackshaft. Top speed was 25km/h, and air brakes were provided for the train. In 1941 orders were placed with Deutz, Gmeinder, Orenstein & Koppel, Windhoff, and possibly also Schwartzkpoff, for ten locos from each company. In 1942, Deutz, Gmeinder, and O&K delivered as ordered, but Windhoff had only managed four by the end of the year and wanted to pass the remainder on to other companies. It is known that Gmeinder supplied components to the other companies, and most of the engines were from Deutz. However, in the interests of standardisation, austerity production was concentrated on the HF130C.

One HF200D, Deutz 36643, survives in Austria: from 1945 it worked on the Salzkammergutlokalbahn (SKGLB) as D40, and on that line's closure in 1957 it was sold to the Steiermärkische Landesbahnen (StMLB) becoming VL01 and used at Kapfenberg und St.Erhard. It was fitted with two headlights each end and the coal-fired motor pre-heating oven was removed and replaced with a toolbox. Since 1985 it has been preserved by Club 760 on the Taurachtalbahn, and was overhauled in 2005.

Deutz 36646 is believed to exist, in poor condition, at the narrow gauge museum at Sochaczew in Poland.

It was no doubt the Austrian connection, and the possibility of several versions, which appealed to Ferro-Train.

The model is of mixed brass and plastic construction, with a high level of detail. Hood, cab, roof, frames, and skirts are metal, so the weight makes for good contact and adhesion. All parts which have to be isolated are made from high quality plastic. Separate details such as handrails and grabs are ready fitted.



It is powered by a Faulhaber 13/19 motor with a large flywheel, and runs smoothly, controllable from walking pace to a realistic maximum. The main drive shaft runs in roller bearings; there is slight noise from the transmission but it is not objectionable.

No traction tyres are fitted. The model weighs 140 grammes.

The minimum radius is given as 265mm.

Regular couplings are supplied, which fit into standard pockets so they can be easily changed.

There is provision for fitting a digital decoder, with a space of 20 x 12 x 7mm in the cab.

Five versions are offered, with detail differences (lights, toolbox, roof vent) as well as livery changes: original military grey (*illustrated*), SKGLB green, StMLB Epoch III-IV green, StMLB Epoch IV-V orange, and as preserved by Club 760 in green with red running gear.

Manufactured by

Ferro-Train GmbH,
Maygasse 27, A-1130 Wien,
Austria.
www.ferro-train.com

PRICE €396.00.

N Latest American stock from Micro-Trains®





The new releases from Micro-Trains® this month are all alternative finishes for familiar cars.

The 83' Pullman heavyweight 10-1-2 sleeper is offered as Milwaukee Road 'Marquette' (ref.141 00 120, US$28.45).

This sleeper was built by Pullman-Standard in 1911 as the 'Orleans', rebuilt in 1927 as the 'Marquette', and scrapped in 1949.

The car has glazing and interior detail, and the couplers are fixed to the frame.



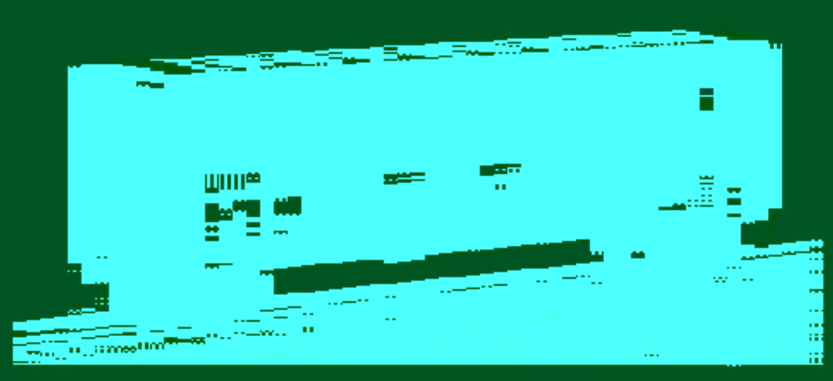


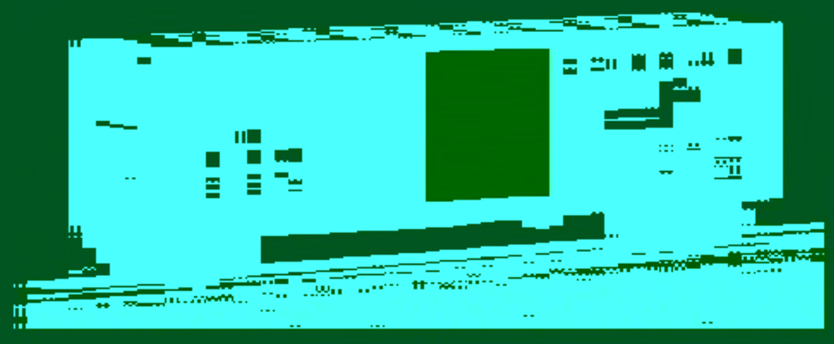


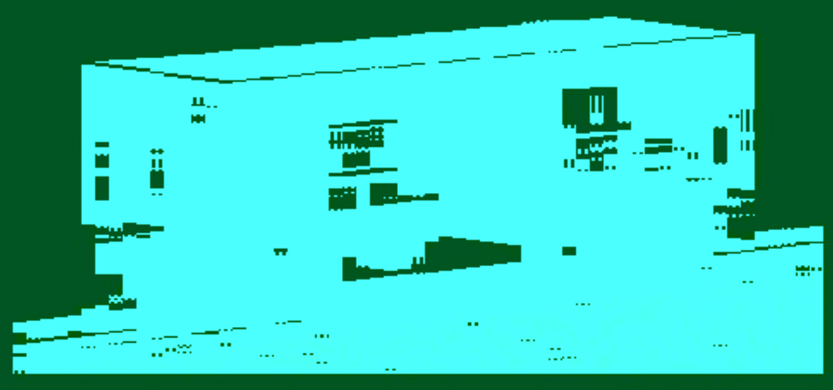
The double doors on the model can be opened.

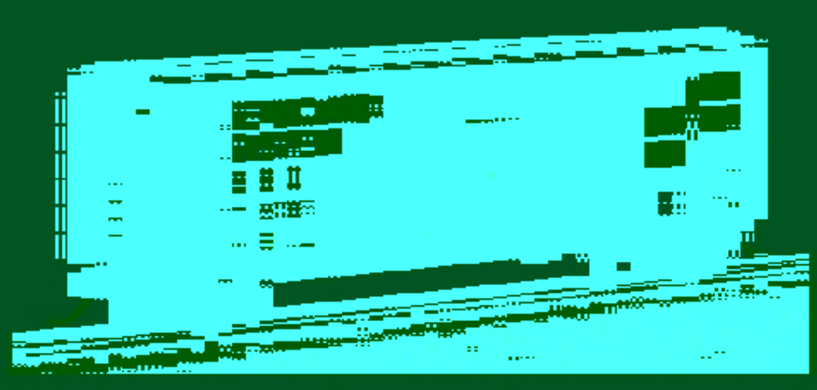
American Car & Foundry and runs on Barber roller bearing trucks.

The log load is a nicely detailed and painted one-piece resin ca









Die Baureihe 75[1-3]

by Werner Willhaus

Eisenbahn Kurier Verlag,
Lörracher Straße 16, D-79115 Freiburg, Germany.
www.eisenbahn-kurier.de
297mm x 210mm 224pp
Hardback €39.90
ISBN 978-3-88255-178-5
German text order no.178

The subject of this new class portrait is the Baden class VIb, the first 1'C1' (2-6-2) tank locomotive in Germany, introduced in 1900. Designed by Maffei of München rather than the traditional local suppliers, they proved very successful and the class eventually numbered 131, although the majority were built under licence in Karlsruhe. The design was so good that a further 42 were built under DRG auspices in 1923.

The book concisely describes the background to the design, in the context of Baden railway history, before looking in detail at the construction, development, and service history, considering the differences in the eleven batches.

They were perhaps best known for use in the Black Forest and the side valleys of the Rhine, and were noted for particularly impressive service on the steeply-graded Höllental line. A number were equipped with counter-pressure brakes.

A few went to France and Belgium as reparations after the First World War, and some remained in use in Germany until 1962. Unfortunately none have been preserved.

The work is supported with over 300 photographs, all black & white (bar two colour on the back cover).



There are classic roster records, close-ups of details, and views of the locos in service. Many have been drawn from manufacturers' records and official sources, and several are previously unpublished.

The standard of reproduction is excellent, and every image is fully captioned and credited.

The photos are augmented by many drawings and diagrams, and facsimile documents.

The book concludes with a bibliography and list of sources.

Another substantial work of reference from EK, produced to the usual high standards.

With the imminent release of a new HO model from Liliput, this book should provide more than enough background information.

Lokporträt Baureihe 213
Auf Steilstrecken zu Hause

Eisenbahn Kurier Verlag
Lörracher Straße 16, D-79115 Freiburg, Germany.
www.eisenbahn-kurier.de
297mm x 210mm 96pp
Softback €19.80
ISBN: 978-3-88255-461-8
German text order no.461

This publication takes a look at the final ten of the V100 B-B diesel-hydraulic locomotives, V100 2332 to 2341 (from 1968 BR213, numbered 213 332 to 213 341) introduced by the Deutsche Bundesbahn between January and May 1966.

These locomotives were all built by MaK at their factory in Kiel and were specially equipped for use on steeply graded lines, as the book's subtitle indicates. They had a hydro-dynamic brake as well as a Voith type L620brs transmission.

They were initially allocated to Karlsruhe, from where they were used on the Murgtalbahn to Freudenstadt. In later years they were used on other steeply-graded lines around the Deutsche Bundesbahn network in West Germany, particularly in the Rhein and Lahn Valley area. After German reunification and the formation of Deutsche Bahn (DBAG), they were to be seen working in Thüringen in former East Germany and in Bavaria around Hof and Mühldorf.

The book contains mostly colour photographs with just nine in black & white; all are of excellent quality, and show the locos at work on passenger and freight services as well as a number of scenes on shed.

Eisenbahn Journal
Sonderausgabe 2/2013
Eisenbahn in München
Drehkreuz des Südens – gestern und heute

by Konrad Koschinski

VGB Verlagsgruppe Bahn GmbH
Am Fohlenhof 9a,
D-82556 Fürstenfeldbruck, German.
www.eisenbahn-journal.de
A4 format 92pp
Softback €12.50
ISBN:978-3-89610-377-2
German text ref: 531302



This publication tells the fascinating story of railways in the Bavarian capital, which began 174 years ago with the opening of the first section of the München – Augsburger Eisenbahn from Marsfeld in München to Lochhausen, and the city's development as the 'Drehkreuz des Südens' (the 'hub of the south') with the Hauptbahnhof as the departure point of numerous main line and local train services.

The introduction, 'Vom Marsfeld nach Augsburg', tells the story from February 1838, when the first sod was cut for the building of the line from Marsfeld in München to Augsburg, with its opening on 25th August 1839. There are details of the locomotives used and colour illustrations in the form of paintings of the railway's opening and of building work at Lochhausen in 1839, together with a drawing of the first Bahnhof in München-Marsfeld.

'Aufstieg zum Bahnknoten' is concerned with the development of München as a centre of various routes. There are details of all the lines radiating from the Bavarian capital with maps, and photos of the train types and motive power used right up to the present.

'Drehkreuz des Südens' covers the main station, the Hauptbahnhof, originally known as the Staatsbahnhof, as well as the stations at München-Pasing and München-Ost, the central signal box, and the Postbahnhof. Illustrations show the Hauptbahnhof through the years, including Second World War air raid damage, plus the new train shed and station frontage dating from 1960.

'Vielfältige Bw Szene' visits the large locomotive maintenance depot at Bw München Hbf, together with the smaller servicing sheds at Bw München-Ost, Bw München-Ludwigsfeld, and Bw München-Steinhausen, the wagon works Bww München Hbf in Pasing, the main works at München-Freimann and the ISG/DSG-Werkstätte for sleeping and dining cars at Neuabing. There is a map of the track layout and buildings at Bw München Hbf.

'Bahnstadt München entdecken' gives details of places of interest to visit around München for the railway enthusiast, together with tips for the best places to take photographs.

'Langsam aber g'wiss' tells the story of the private Localbahn AG line from München to Wolfratshausen, now part of the S-Bahn network. There are photos of the line in former times and the situation today, together with a plan of the station at Thalkirchen from July 1900 and an article on its small motive power depot (Bahnbetriebswerk).

'Dreimal über die Isar' takes a look at the three railway bridges that cross the river Isar in the München area, the Braunauer Brücke, the Föhringer Brücke, and the Großhesseloher Brücke.

'Drehscheiben der Güterbahn' presents München as a freight hub, with details of the marshalling yards at München-Laim, München-Ost and München-Nord, the yard at Bahnhof München-Süd, and the container handling facility at München-Riem. Steam, diesel, and electric motive power all feature.

'Loks und Waggons aus München' takes a look at locomotive and wagon building in München, with features on the companies Maffei, Krauss, and Rathgeber. Photos from the turn of the last century show the works of J.A.Maffei in Hirschau, Krauss-Werk at Sendling and Marsfeld, and the huge Krauss-Maffei plant at München-Allach There is even a reproduction of an advertisement from Rathgeber from 1953 showing a Deutsche Bundesbahn VT08.5/VT12.5 unit.

'Sieben Linien durch ein Nadelöhr' examines the seven S-Bahn lines around München, likened to passing through the eye of a needle, as well as S20 and S27 and line A from München Hbf. to Dachau and Altomünster. Photos cover the period from the opening of the S-Bahn for the Summer Olympic Games in 1972 up to the present day, including the lines to the city's new airport after 1992.

The work is rounded off with a chronological list of railway-related events in München from August 1839 to August 2011, together with tables showing when lines were opened and dates when they were electrified (if applicable).

Each section is well illustrated with a good selection of black & white and colour photographs.

This is a highly recommended work on the history and growth of this city's extensive railway network.



The variety of liveries carried by the class is well covered, from the original DB crimson red (RAL 3004) through ocean blue & beige and orient red to DBAG traffic red.

All of the class survive and the last section (of twenty-two pages) takes a look at them in service with other operators, with a useful list of the new owners and operators and withdrawal dates from DBAG.

Modelling the Railways of South Australia

Notes from Conventions 1 - 10 1996 - 2005

Compiled by Rodney Barrington

Modelling the Railways of South Australia Convention, P.O.Box 356, Parkholme, South Australia 5043.
www.mrsac.com
PDF files on DVD A$50.00 + p&p

The title says all: here are the notes produced to accompany the various lectures and clinics which were presented at the first ten Modelling the Railways of South Australia conventions, between 1996 and 2005.

These were originally issued to participants as separate pages to be inserted into a loose-leaf binder: it was envisaged that the collection would build as a work of reference with attendance at successive events.

Now here they are, over 120 articles of various lengths, all together on a disk. In widely-compatible PDF format, they can be viewed on screen on most computers, laptops, tablets, etc., and can also be printed out if required.

'Notes' is perhaps misleading: these are very detailed papers, the results of research into the prototype or practical modelling experience, and in most cases are much more than just a summary of what was said at the event. They cover a wide range of subjects, grouped into broad topics – general, locomotives, passenger stock, freight vehicles, track, lineside, signalling, scenery, modelling, painting, electronics, layouts, photo galleries, and track plans, plus a directory of societies and associations.

The articles are listed on the back cover, and filed on the disk in folders year by year. One major advantage of the electronic format is that they can be searched very easily.

While the majority are very specific to South Australian railways, prototype and model, others deal with more general modelling techniques as applied to the SAR situation; as such they could be of interest to other modellers with similar requirements, or adapted to other specialisations.

All together, a remarkable collection, notable for both its scope and detail. Other specialist interests might well envy both the event and its published achievements, as apparent here. Those who participated in the conventions will find it a thorough record, perhaps even providing coverage of sessions they were not able to attend.

For anyone interested in South Australian railways, it represents a remarkable resource in a convenient form.

This volume was initially produced for those attending the 2013 convention but may also be made available to other interested modellers, and through some specialist model shops.

30" Railways Worldwide

by David Scotney

Frank Stenvalls Förlag,
Box 17111, SE-20010 Malmö, Sweden.
www.stenvalls.com
295mm x 215mm 416pp
Hardback £50.00
ISBN 978-91-7266-184-4

This substantial new publication is sub-titled 'An introduction to the development of 750mm, 760mm, and 2'6" gauge public railways'.

In the latter part of the 19th century and the first half of the 20th, such narrow gauge lines provided practical links in many rural and remote areas in diverse parts of the world – more than 35,000km were built. The main attraction, with narrow gauge in general, was the ability to follow the landscape, with sharp curves and steep gradients, with (generally) simpler civil engineering and hence a lower capital cost. The drawbacks were slow speeds, limited capacity, and the need for transhipment. These lines were thus vulnerable to increasing competition from road transport. Some still exist as genuine common carriers, and others have found new purpose as tourist attractions.

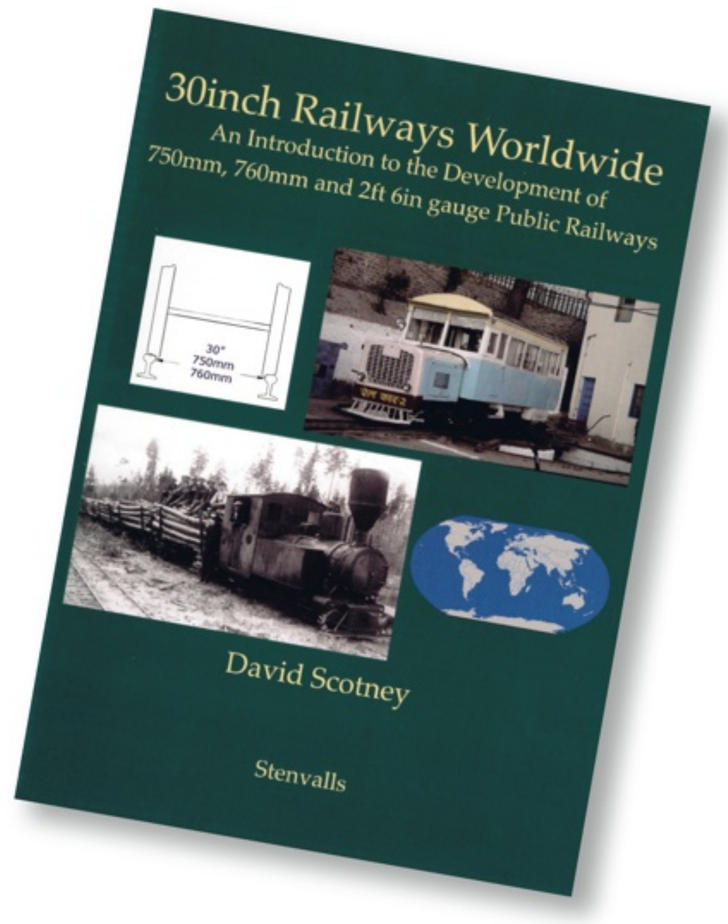
The first quarter of the book is a scholarly examination of the background to and use of railways of this gauge, copiously annotated.

The remainder is a worldwide gazetteer, arranged in alphabetical order, which creates some strange 'neighbours'. The varied nature of the topic, and the amount of information available, means that some are very detailed entries, while others are quite brief.

The author seeks to find a common quality, and coins the term '756g' to describe such lines; this is not a familiar appellation, and always appears in bold italics, which is mildly irritating.

Whether or not you accept the premise, this remains an amazing work, the result of many years research and compilation, and forms a very useful source of reference.

The text is supported by some 600 illustrations; most of the photos are black & white, but there is colour on selected pages and the covers, [illegible] pages are reproduced as well as the originals will allow. Many are previously unpublished, and it is a fascinating collection for browsing.



There are also some specially prepared line drawings of selected locos and stock (side elevations only), and excellent maps.

The work is rounded off with an extensive list of sources and references (CM among them).

With such a scope of time and place, the book should appeal to CM readers with broad tastes in narrow gauge.

The book can be obtained in the UK from specialist booksellers such as Camden Miniature Steam Services, or can be ordered direct from the publisher at the above address: major credit cards and sterling cheques are accepted. Postage and packing is extra – note this is a large and heavy volume.

Journal No.37
Winter 2012/13

Edited by Julian Rainbow and Dr Paul Waters

British Overseas Railways Historical Trust
West Greenwich Community & Arts Centre,
141, Greenwich High Road, London, SE10 8JA.
295mm x 210mm 16pp
Softback £2.50
ISSN 0952-5483

The latest issue of the BORHT *Journal* marks 150 years of railways in Bangladesh; it was planned for the anniversary year (2012) but was unavoidably delayed.

It contains articles on the East Bengal State Railway in 1913, the Eastern Bengal Railway in 1923, and the Pakistan Eastern Railway in 1962. All three pieces have been reprinted from contemporary issues of Railway Gazette International.

They are augmented by reminiscences of working on Bangladesh Railways in 1973, and a table of the dimensions to be followed in the construction Indian narrow gauge railways, extracted from an official document of 1871.

There is also a brief book review (*Locomotives of the Namaqualand Railway and Copper Mines*, by P Bagshawe, published by Stenvalls – see CM August 2012) and four obituaries (these latter occupying well over two pages).

The collection is illustrated with one map and just five black & white photographs, reproduced as well as the originals will allow on good quality glossy paper.



The price quoted above includes postage & packing in the UK, and surface post worldwide; please add 40 pence for air mail.

http:/www.borht.org.uk

Exhibition Diary

Dates, events, and information compiled by **Ingrid Rose**

Please send details for possible inclusion to:

Peco Publications & Publicity Ltd., Beer, Devon, EX12 3NA.
Telephone: 01297 20580 Fax: 01297 20229
E-mail: rm-clubs@btconnect.com

Saturday 2 November
LANCING, West Sussex
Organiser: West Sussex Area Group of the N Gauge Society.
Venue: Lancing Parish Hall, 96, South Street, Lancing, West Sussex, BN15 8AJ.
Open: 1000 - 1700
Admission: adults £4.00, children, seniors and N Gauge Society members £2.00, family (2+2) £10.00.
Amenities: free parking; refreshments.
Features: 11 layouts including club modular N, and *Bad Obing* (German O). Trade, N Gauge Society shop.
Contact: Nigel Appleton 01903 830733
n.appleton888@btinternet.com
www.wsng.co.uk

Saturday 2 November
RODINGTON, Shropshire
Organiser: Rodington MRS.
Venue: Village Hall, Rodington, near

Saturday 2 & Sunday 3 November
WEYMOUTH, Dorset
Organiser: Weymouth MRA.
Venue: Wey Valley School, Dorchester Road, Weymouth, DT3 5AJ.
Open: 1030 - 1630 Saturday
1000 - 1600 Sunday
Admission: adults £5.00, accompanied children £2.00, family (2+2) £12.00.
Amenities: free parking; disabled visitors welcome; refreshments.
Features: 28 layouts including *Ottosschwande* (German N), *Rhine side* (German TT, see CM September and October 2010), and *Saw Pit Creek* (US HOn3). Demonstrations, trade.
Contact: Dave Samuel 01305 778869
www.weymouthmra.org.uk

Saturday 9 November
SOLIHULL

Saturday 9 & Sunday 10 November
HULL
Organiser: Hull Miniature Railway Society.
Venue: Costello Athletics Stadium, Anlaby Park Road North, Hull, HU4 6XY.
Open: 1000 - 1700 Saturday
1000 - 1630 Sunday
Admission: adults £4.50, children (accompanied) £1.00.
Amenities: limited free parking; disabled access; light refreshments.
Features: 18 layouts including *Torcy* (French HO, see CM November 2011), *Sweethome, Alabama* (US HO), and *Racoon Canyon Mining* (US On30).
Contact: 01653 635885
andrew@modelsignals.com
www.hullmrs.org/hullshow

Saturday 9 & Sunday 10 November
SPALDING, Linco

Saturday 16 November
DEWSBURY, West Yorkshire
Venue: Trinity Church Community, Upper Road, Dewsbury, WF17 7LT.
Open: 1000 - 1600
Admission: adults £ 3.00, accompanied children under 12 free.
Amenities: disabled access; good food.
Features: 20 exhibits, including *Under Cover* (OO9), *Green River, Wyoming* (US HO), and *Racoon Junction* (US On30). Demonstrations, trade.
Contact: davidlenners@talktalk.net
07531 035 354

Saturday 16 November
ROYSTON, Cambridgeshire
Organiser: Royston & District MRC.
Venue: Bassingbourne Village College, South End, Bassingbourne, near Royston

Saturday 2 & Sunday 3 November

Saturday 9 November

Saturday 16 & Sunday 17 November

Saturday 9 & Sunday 10 November

Saturday 2 & Sunday 3 November

Saturday 9 & Sunday 10 November

Saturday 16 & Sunday 17 November

Saturday 2 & Sunday 3 November

Saturday 9 & Sunday 10 November

Friday 15 - Sunday 17 November

Saturday 16 & Sunday 17 November

Admission: adults £4.00, concessions £3.00, children £2.00, family (2+2) £10.00.
Features: layouts include *New Mexico Railroad Museum* (HO/HOn3) and *Tennessee Extraction Company Railroad* (US On30).
Contact: www.tsgmrc.co.uk

Saturday 16 & Sunday 17 November
WORKINGTON, Cumbria
Organiser: Solrail.
Venue: Moorclose Sports Centre, Workington, CA14 3SA. Regular bus service from town & station.
Open: 1000 - 1700 Saturday
1000 - 1600 Sunday
Admission: adults £4.50, accompanied children free, otherwise £1.00.
Amenities: free parking; full disabled access; refreshments.
Features: 15+ layouts including *59th and Rust* (HO). Demonstrations, societies, trade.
Contact: www.solrail.co.uk

Friday 22 - Sunday 24 November
CERGY PONTOISE, France
Rail Expo
Organiser: Traverses des Secondaires.
Venue: Parc des Expositions, Hall Saint Martin, Chaussée Jules César, F-95300 Cergy Pontoise.
Open: 1000 - 1900 Friday
1000 - 1900 Saturday
1000 - 1800 Sunday
Admission: adults €9.00, under 12s free.
Amenities: free parking; catering.
Features: major event with 200 exhibitors and traders – layouts from clubs and individuals, suppliers large and small.
Contact: www.railexpo.fr
www.traversesdessecondaires.fr

Saturday 23 & Sunday 24 November
BIRMINGHAM
National Model Railway Exhibition
Organiser: Warley MRC.
Venue: NEC Birmingham.
Open: 0945 - 1800 Saturday
0945 - 1700 Sunday
*Advanced ticket holders 0915.
Admission: adults £13.00 (£11.50 in advance), children £8.00 (£6.50), family (2+3) £38.00 (£32.00).

Advance ticket sales through the website or by post from 40, Florence Road, Oldbury, West Midlands, B69 2DN. Please enclose a DL size (218x110mm) stamped addressed envelope. Be sure to use the correct postage for the envelope you are using. Cheques and Postal Orders made payable to 'Warley MRC Exhibitions Ltd.' No credit cards.

Final date for advance ticket orders by post is Friday 8th November.
Amenities: full disabled access.
Features: over 85 layouts, with many foreign subjects – see Editorial page. Demonstrations, societies, 150+ trade stands.
Contact: www.thewarleyshow.co.uk

Saturday 23 & Sunday 24 November
FALKIRK
Organiser: Falkirk MRC.
Venue: Forth Valley College, Grangemouth Road, Falkirk, FK2 9AD.
Open: 1000 - 1700 Saturday
1000 - 1630 Sunday
Admission: adults £5.00, seniors £4.00, under 14s £2.00, family (2+2) £12.00.
Amenities: café.
Features: 22 layouts including *Rotterhausen* (German HO) and *La Rochelle* (US HO, see CM February 2013). Trade.
Contact: www.falkirkmrc.co.uk

Friday 29, Saturday 30 November & Sunday 1 December
WAKEFIELD, West Yorkshire
Organiser: Wakefield RMS.
Venue: Thornes Park Athletics Stadium, Horbury Road, Wakefield, WF2 8TY. Buses from City and Westgate stations.
Open: 1730 - 2100 Friday
1000 - 1800 Saturday
1000 - 1700 Sunday
Admission: adults £7.00, seniors £5.00, children £2.00, families (2+3) £15.00.
Amenities: free parking; disabled access (lift available); refreshments.
Features: 20 layouts, including *Untermütten* (Swiss HOm, CM April 2012), *Zweinuck an der Donau* (Austrian HO, CM March 2011), *Schwachhausen* (German O, CM September 2011), *Pempoul* (French 1:50, CM April 2008), *Cuyahoga* (US Z, CM October 2010), *Florida City* (US HO), and *Eagle Rock, Colorado* (US On30, to be featured in our next issue). Demonstrations. 30 traders.
Contact: 0113 318 8580 / 07949 083862
wrms@btinternet.com
www.wakefieldrms.org

Friday 29 November
Demonstration: layout control with a smartphone or tablet using the Roco Z21.
Organiser: OnTracks
Venue: Unit 1, Pontrilas Business Park, Pontrilas, Hereford, HR2 0AZ.
Price: £10.00. Places limited – booking essential.
Contact: 01981 241268
info@ontracks.co.uk
www.ontracks.co.uk

Saturday 30 November
Busch wilderness scenery workshop
Organiser: OnTracks
Venue: Unit 1, Pontrilas Business Park, Pontrilas, Hereford, HR2 0AZ.
Price: £40.00 including materials. Places limited – booking essential.
Contact: 01981 241268.
info@ontracks.co.uk
www.ontracks.co.uk

Saturday 30 November
ARLESEY, Bedfordshire
Organiser: Letchworth MRS.
Venue: Etonbury Academy, Stotfold Road, Arlesey, Bedfordshire, SG15 6XS.
Open: 1000 - 1630
Admission: adults £4.00, concessions £3.00, children £2.00, family £10.00.
Amenities: free parking; full access for the disabled; refreshments.
Features: 20+ layouts including *Sankei City* (Z), *Welmich* (N), *Wolfberg* (HO), *Winterschlaf* (Om), *Dawes Creek* (Australian N), *Kidmore Creek* (N), and *Auerbach Yard* (US HO, see CM October 2010). Demonstrations, societies, trade.
Contact: www.letchworthmrs.org.uk
David Coates 01438 725707 (6-7pm only)

Saturday 30 November
PORTSMOUTH
Organiser: South Hants. MRC.
Venue: The Admiral Lord Nelson School, Dundas Lane (near Ocean Park). Portsmouth, PO3 5XT. Easy access from the A27/A3M/M27.
Open: 1030 - 1630
Admission: adults £4.00, seniors £3.00, children £2.50, family £11.00.
Amenities: free parking; good disabled access; refreshments.
Features: layouts include *Khan* (Namibian OO9, see CM May 2010). Demonstrators, society stands, trade.
Contact: 01329 847989
secretary@shmrc.co.uk
www.shmrc.co.uk

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FEATURING RAILWAYS FROM AROUND THE WORLD EACH MONTH









Latest Reviews ... and much more

- **Eagle Rock, Colorado**
The new American On30 layout of the Wakefield RMS features impressive scenic work, and DCC control; it should be a major attraction at their exhibition.

- **Treffburg**
Long popular on the Scottish exhibition circuit, the large Austrian HO layout of the Renfrewshire MRC now has a permanent place in their capacious clubroom.

- **Crni Kal**
A massive embankment on the Divaca - Koper line in Jugoslavia recreated in N by Davide Raseni.

- **Point Huron**
Pete Smith was able to devote space in a spare room to an American HO switching layout set on a relatively uncommon prototype – the Grand Trunk Western.

- **Danube Express**
After travelling on this train through Eastern Europe, versatile modeller Warren Miller was inspired to assemble a credible representation in HO.

... and much more!

News

Information from CONTINENTAL MODELLER



Fleischmann Bavarian DCC starter set for HO



Fleischmann has introduced a new DCC starter set in HO comprising a Bavarian DVI 0-4-0T locomotive and two coaches, together with an oval of Profi-track (ref.631302, RRP £379.95). Digital control is provided by a Roco z21 Lite, a simplified version of the Z21 DCC system, which works via a mobile telephone or tablet (not included). The Lite version – which is intended for beginners with DCC – retains all the essential functions of the full unit but has fewer ports and no ability to change such advanced features as output voltage to the track.

A freight starter set is also planned.

Gaugemaster Controls,
Gaugemaster House, Ford Road,
Arundel, West Sussex, BN18 0BN.
www.gaugemaster.com
www.fleischmann.de

New structure kits in N and HO from Kibri



Kibri has announced several new products scheduled for release during the latter part of 2013.

In N, there will be a platform set of a modern design suitable for S-Bahn urban settings. The kit provides everything required in pre-coloured plastic and consists of two platforms, an overbridge, shelters, S-Bahn signs, and non-working platform lights. Overall length is c.520mm.

For HO, there will be a steel 'fishbelly' type bridge, a very common design in Germany and suitable for carrying railway or road traffic. The bridge is c.340mm long and 60mm wide.

Finally, Kibri has released a kit in HO for Paulinzella station building. Although the kit (ref.39491) is described as a model of a specific structure, it is nevertheless representative of station buildings in the Thüringia region and so will appeal to anyone modelling this part of Germany.

OnTracks
Unit 1, Pontrilas Business Park,
Pontrilas, Herefordshire, HR2 0AZ.
www.ontracks.co.uk
www.kibri.com



NOCH winter scenics



With winter fast approaching, NOCH is to release several new scenic products which are in keeping with these colder months; all were due to become available during October.

The Snowflake Starter Set (ref.07065) contains 25g of snowflakes, 50ml of snow glue, and a puffer bottle. The snowflakes are applied by brushing glue onto the surface to be covered and then shaking the puffer bottle filled with a quantity of the 1.5mm long flakes. (By shaking the bottle the snowflakes are electrostatically charged). The glue and flakes will also be available separately.

The Winter Set (ref.08758) contains a selection of materials to enable the creation of winter scenery, comprising 120ml snow paste, 10ml ice crystals, 10ml icicles, and a spatula. The materials are also available separately; 250ml snow paste (ref.08752), 30ml ice crystals (ref.08754), and 30ml icicles (ref.08756).

NOCH is also releasing a range of 'mega economy' figure sets in HO. These sets – priced lower than standard NOCH figures – contain between 24 and 36 hand-painted figures and include city people, seated people, and seated passengers (without legs, for installation in coaches).



Gaugemaster Controls,
Gaugemaster House, Ford Road,
Arundel, West Sussex, BN18 0BN.
www.gaugemaster.com
www.noch.com

In brief

Euro Night Rail Group

The Euro Night Rail Group (ENRG) is a new society which aims to cater for enthusiasts fascinated by the long distance trains that criss-cross Europe, particularly the night trains consisting of sleeper, couchette, and restaurant cars, in both prototype and model form.

The group will be connected predominantly by a regular online newsletter, and hopes to organise trips within the UK and to Europe.

Anyone interested can meet the Group on the Italian Railways Society stand at the Warley National Model Railway Exhibition at the NEC, Birmingham, on 23rd & 24th November. Alternatively, enquiries can be made via e-mail –
Hannant.Paul@btinternet.com

European Railways Association

The European Railways Association (ERA) has been formed by a number of UK-based individuals to promote the active study and modelling of European railways. It intends to establish a website and forum group, and to organise lectures, slide shows, and other gatherings (including an annual exhibition) to promote these interests. For a membership prospectus, write to –
Piers Milne
43, Franklin Road, Bournville,
Birmingham, B30 2HJ.

N Gauge Worldwide Group

The N Gauge Worldwide Group is an area group of the N Gauge Society for modellers interested in railways beyond Great Britain, regardless of period – interests cover steam, diesel, and electric traction.

To be a member of this Group, membership of the NGS is required.

The next event with which the Group will be involved is a gathering which is being organised by N Club International as part of the major Modell Süd exhibition to be held in Stuttgart between Thursday 21st and Sunday 24th November. For further information –
www.ngauge-wwg.org.uk
www.messe-stuttgart.de/modell

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PLUS DAUGHTERS OF BASILDON ESSEX. N gauge specialist for the UK, Continental and American Modeller. New and second hand, bought, sold or exchanged. *Plus Daughters, 8 Britannia Court, Burnt Mills Industrial Estate, Basildon Essex SS13 1EU. Tel: 01268 726 211 www.plusdaughters.co.uk*

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WANTED MODEL RAILWAYS IN ALL GAUGES, INSTANT CASH PAID – DISTANCE NO OBJECT. *Tel: 01406 701 612, mobile: 0793 942 1376.*

Auctions

UK TOY AND MODEL AUCTIONS – Next Auction will be held on Tuesday, 3rd December 2013 at Craxton Wood Hotel, Parkgate Road, Ledsham, South Wirral, near Chester CH66 9PB. Viewing 9.30am to 11.30am. Auction starts 11.30am. Up to 550 lots including: Part 2 of an outstanding collection of Hornby Dublo. Also included Hornby, Bachmann, N gauge, kit built, Dinky toys, Corgi, Model Buses, Mamod, Meccano Constructor car etc. Full catalogue and further details on our *website www.uktoyauctions.com* or send £3.50 to *46 Wirral Gardens, Bebington, Wirral, Merseyside CH63 3BH,* or *telephone BARRY STOCKTON on: 0151 334 3362* or *TONY OAKES on 01270 652 773.*

Fairs, Sales and Swapmeets

November 2013

26 November (Tues) 7pm-9pm
GARSTANG TOYFAIR, Kirkland and Catterall Memorial Hall, corner of A6 and A586, refreshments available. JANET PEARSON.
Tel: 01282 439 009.

December 2013

7 December (Sat) 10am-3pm
GATESHEAD INTERNATIONAL STADIUM, Neilson Road, Gateshead NE10 0EF (Just off Felling by pass, A184). Future date:1ST FEBRUARY 2014.
Tel: 0191 410 6386.

Private

Private Sales

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NARROW GAUGE STOCK WANTED BY THE 009 SOCIETY, collections, loco's, rolling stock, readymade BEMO, LILLIPUT, ROCO etc or kit and scratchbuilt. *Contact: 009 Society, 5 Quarry Road, Colehill, Wimborne. BH21 2NP. Email: members-sales@009society.com* for society details see *www.009society.com*

Private Wanted

COLLECTOR REQUIRES N & Z GAUGE CONTINENTAL/BRITISH MODEL RAILWAYS. *Ring GEORGE: 0191 285 1436, email: g.leyburn@talktalk.net*

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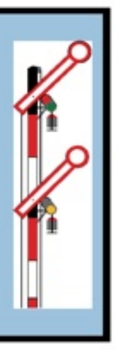
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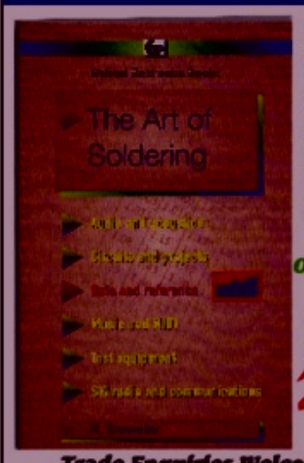
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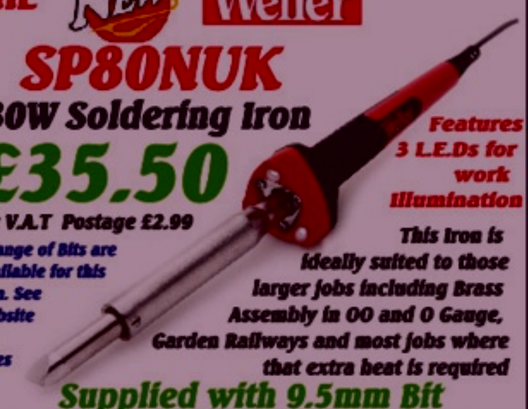
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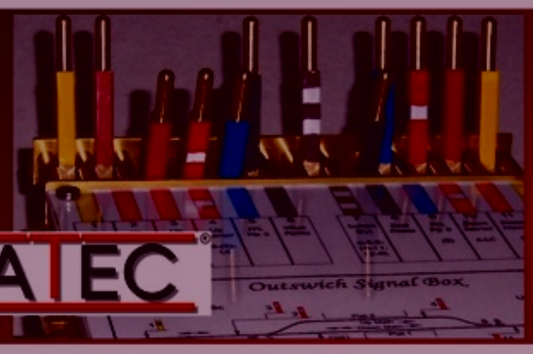
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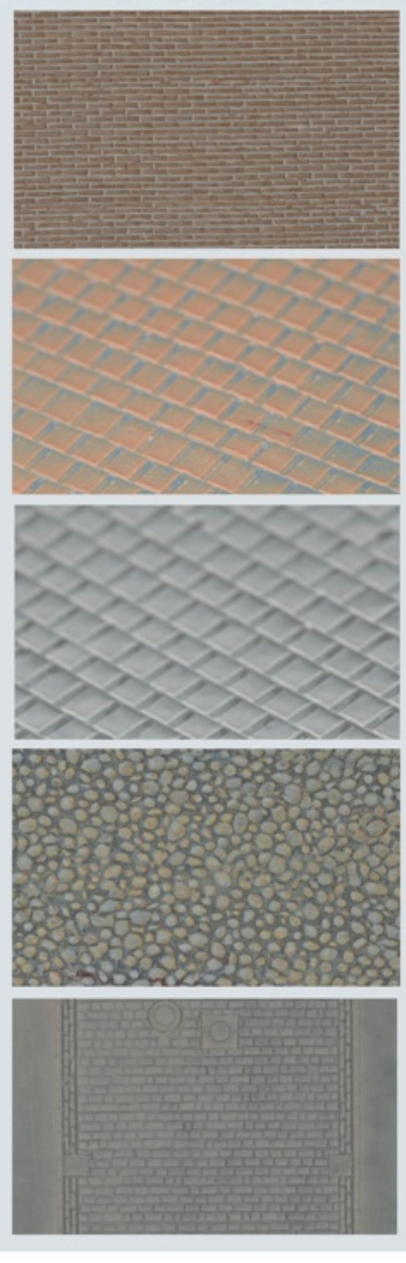
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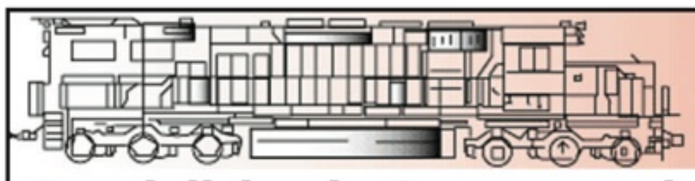


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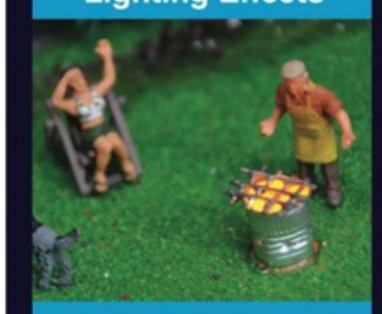
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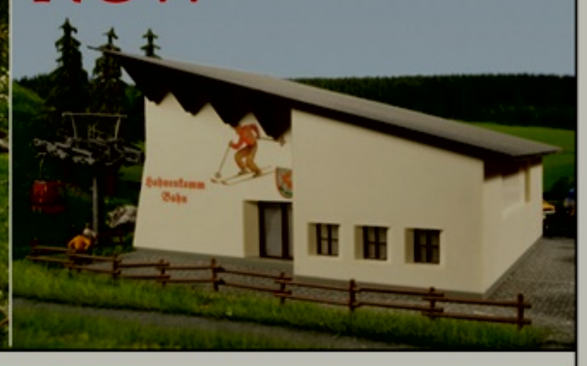
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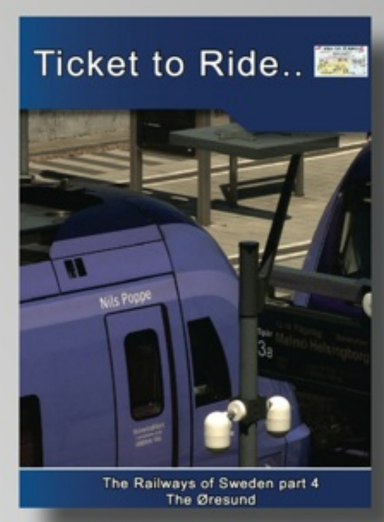
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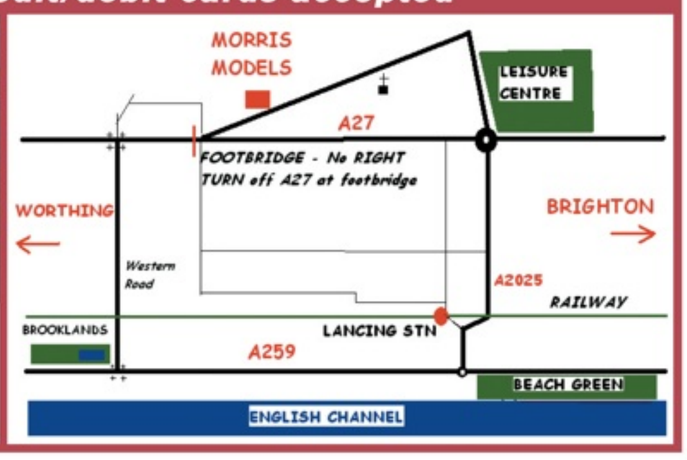
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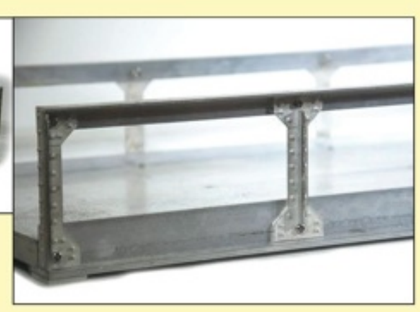
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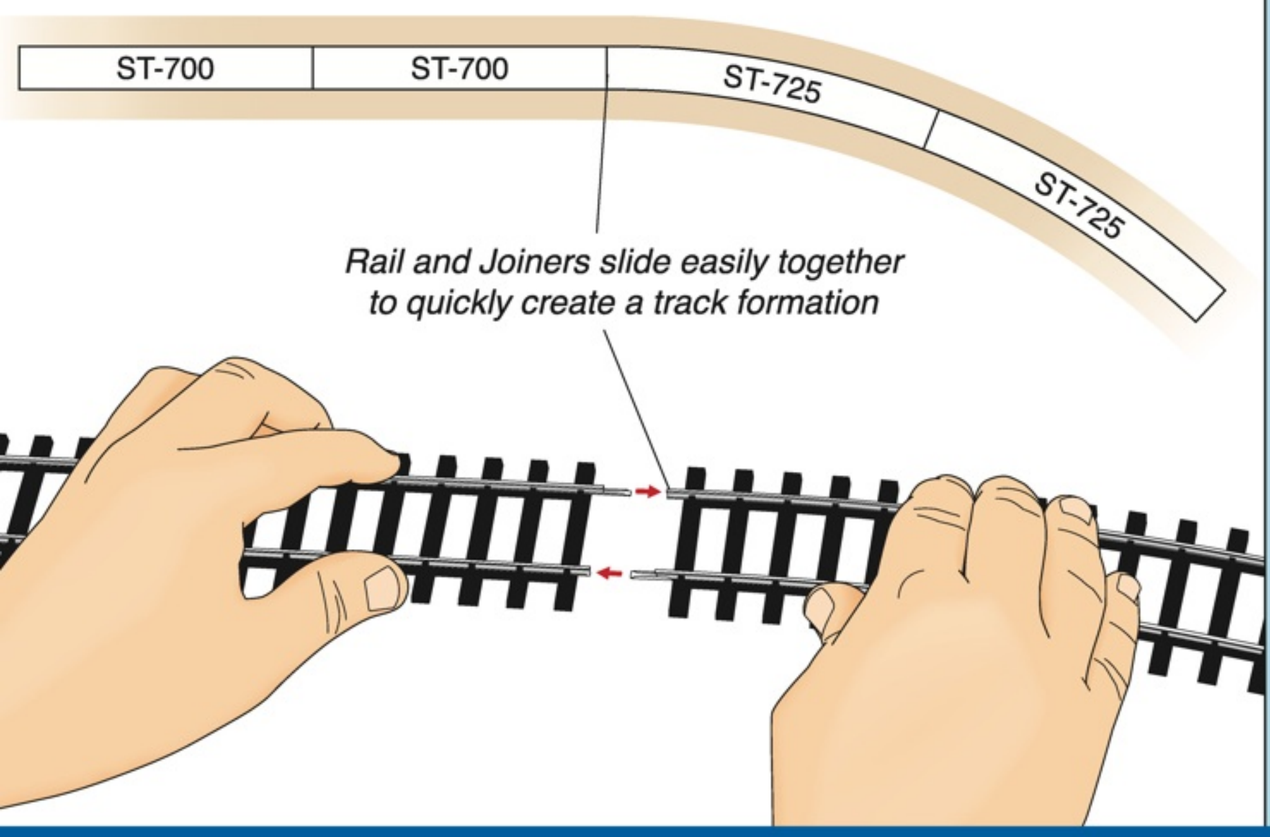
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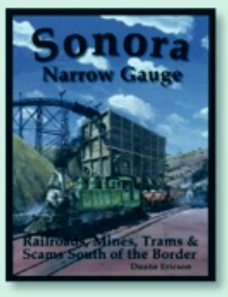
57 mins • Stereo Sound • £20.60



Railways in Egypt 1952-1953 is the first film we have ever seen of Egyptian steam in action and there is plenty here, even if, when it was shot by Dutchman Albert Nymeyer, [illegible] first diesel locomotives were in use, and diesel railcars had been around for some years. This film (B&W & app 25 mins) shows the two Cairo termini, follows the suburban line to Helwan, and the major trunk routes to Alexandria and Luxor. Steam types seen are Atlantics, 4-6-0s, 2-6-0s, various tank locos, 8Fs and even glimpses of Sentinel steam railcars. Plenty of cab rides in railcars show how European this system appeared, right down to *Wagon-Lits* on the Luxor train. Fascinating and unique viewing.
Steam in Turkey Vol. 2 (colour and 30 minutes) was shot by Ton Pruissen in 1978 and 79, and shows operations around Izmir, and along the Kahraman Maraş branch - this latter with 2-6-0s. The classes seen around Izmir are largely Mikados and 2-10-0s of various eras, and there are dramatic shots of a heavy freight attacking the steep gradients of the Selçuk Pass. Dramatic scenery, great colour and interesting locomotives. (*Steam in Turkey Vol. 1* will be a full length DVD and appear in 2014).

Sonora Narrow Gauge

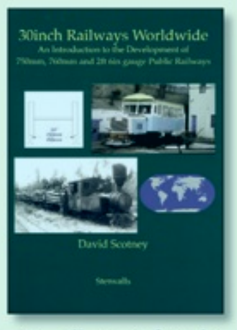
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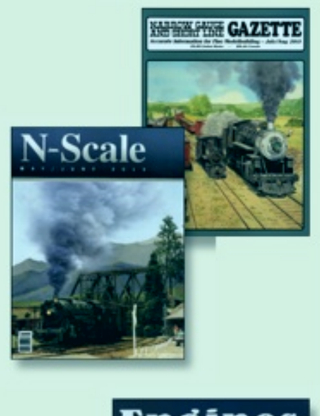
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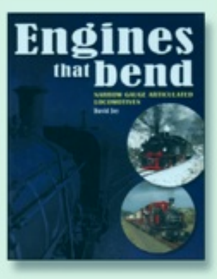
Sample Copy • £ 7.55
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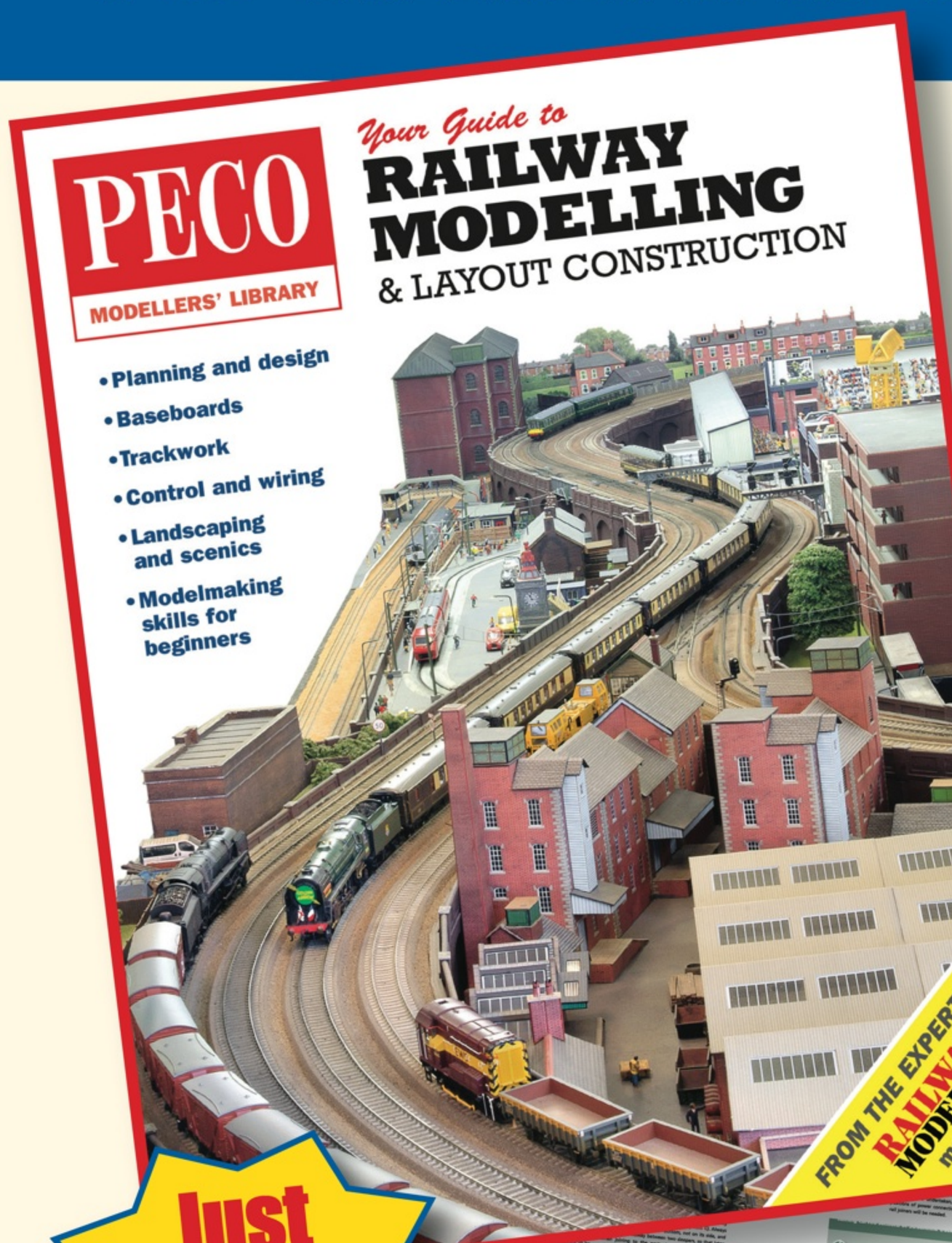
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5673k DBAG 2nd/open two tone blue £20.00 (6)
975121k DBAG 1st/2nd D Deck, green/grey, Advert ..... *New* £22.50 (2)
5688k Deutsche Bundespost Bogie clerestory with brake hut, green £24.00
5632k DR 2nd, recess, green, ep/II £24.00 (7)
5745k DR 1st/2nd, recess doors, green, ep/II £22.00
5760k DR 4wh baggage, green £20.00
5762k DR 6wh, green £18.00 (2)
5763k DR 2nd, 6wh, green £22.00
5777k DR 2nd, 4wh, gondola ends, green, ep/II £15.00
5778k DR 2nd, 4wh, gondola ends, green, ep/II £15.00 (3)
5780k DR Bogie Baggage, green £28.00
5782k DR 1st/2nd bogie Clerstory, green £28.00
5783k DR 2nd Bogie Clerestory £28.00 (2)
845855k DR 3rd, recess door, green, ep/II £28.00
5057k DRG 4wh Baggage/Post, green £15.00
5058k DRG 4wh 2nd/3rd, green £15.00
5079k DRG Bogie Clerestory baggage Post, green £24.00
5083k DRG 3rd Bogie Clerestory, green £24.00
5084k DRG Bogie Clerestory baggage, green £24.00 (2)
5085k DRG 2nd Clerestory with brake hut, green £24.00
5086k DRG 3rd Bogie Clerestory with brake hut, green £24.00
5088k DRG Clerestory Baggae Post, green £24.00
5089k DRG 2nd/Erd Clerestory with brake hut, green £24.00
5090k DRG 3rd Clerestory, green £24.00
5090k DRG 4wh baggage, green £18.00
5092k DRG 4wh 3rd, gondola end, green £18.00
5368k DRG 3rd 4wh, green £14.00
5382k DRG 6wh baggage, clerestory, green £22.00 (2)
5689k DRG 1st/2nd Clerestory with brake hut, green £24.00
5788k DRG Deutsche Post bogie clerestory, green £28.00
5871k DRG 3rd/4th 6wh, green £20.00
5605k DSG Diner, maroon, LIT £26.00
580902k DSG Diner, wooden/brown, 6 axle cleestory £40.00
5634k DSG Schlafwagen, recess doors, red, ep/II £24.00
5607k DSG Sleeper, maroon, ep/II £26.00
5841k DSG Speiswagen, recess doors, red, ep/II £30.00
5189k Dutsche Bundespost, t/b £18.00
5884k Kaiserliche Post bogie clerestory, green £28.00
509101k KPEV 4wh 2nd/3rd, lined green, gondola ends £27.00
509201k KPEV 4wh 3rd, lined green, gondola ends £27.00
509301k KPEV 4wh 2nd/3rd, lined green, gondola ends £27.00
5850k KPEV 4wh Post/baggage, green/brown £20.00
5851k KPEV 3rd/4th, 4wh, brown/grey £20.00 (3)
5890k KPEV 3rd Bogie Clerestory with brake hut, brown £30.00 (2)
5892k KPEV 3rd 6wh, brwon with brake hut £20.00 (3)
5894k KPEV Halle 6wh baggage, brown £25.00 (3)
5898k KPEV 4th, 6wh, grey £25.00
845812k KPEV Munchen 3rd 4wh, lined green £24.00
5082k Mitropa Bogie Clerestory diner, brown £22.00
5743k Mitropa diner,maroon £20.00 (2)
91.5632A OBB 2nd, recess doors, green,, ep/II £30.00
65132k SBB Driving car D Deck, blue/grey/yellow doors £65.00 (2)
5071Bk SNCB 4wh Cocktail coach, grey £22.00
805525k DB 2 x Kies Hopper ..... *New* £37.00
95.5805k DB 3 wagon set (Open + Von Haus zu haus cont + carbouy), ep/II £60.00
94.5802k DB 4 tank cars (UK, DEA,, Hoescht, EVA) £75.00
96.5807k DB 4 wagon set (Banana van, Lime wagon+ flat with bogie load), ep/II £85.00
97.5308k DB 4wh Covered van 'Buhre', blue £22.00
98.5809k DB 4wh D Deck Car Transporter £30.00 (3)
97.5227k DB 4wh flat wagon + 2 x Mercedes Lorries £20.00
5227k DB 4wh flat wagon, brown £11.00 (2)
5257k DB 4wh flat wagon, brown £11.00
82.5910k DB 4wh Lime wagon and flat wagon set £25.00
5253k DB 4wh low side Xo5, brown £10.00
96.5344k DB 4wh Refrig van "Transthermos', white £20.00
5344k DB 4wh Refrigerated van, white £14.00 (2)
5415k DB 4wh tank car 'Wacker', blue £16.00
80.5286k DB Bogie Flat + 2 cars, covered 'Opel' £22.00
83.5726k DB Bogie Flat wagon £20.00
855530k DB Cargo Side Tip bogie wagon, red £48.00
5230k DB Dortmunder Beer 4 x cont wagon £23.00
5376k DB Dunlop High Capacity van, silver £16.00
5229k DB EKU 4 x cont wagon £23.00
805370k DB Ford van, blue £15.00
521604k DB set 2 x wagon, weathered + lorry £39.00
5425k DB THORL 4wh tanker, green ..... *New* £15.00
5240k DBAG 4wh cont wagon Bad Reichenhaller £16.00
5727k DR 4wh flat wagon £12.00 (2)
5923k DR 4wh flat with stakes £14.00
5704k DR 4wh open Om, brown £11.00 (2)
97.5787k DR Bogie flat + steel plate load £30.00
5311k DR van, brown £12.00 (3)
5302k DRG Guards van, green £15.00
5204k DRG Wurzberg High sided open with brake hut £16.00
5221Ak OBB 4wh Carbouy wagon 'Donau Chemie, ep/II £28.00 (2)
5213A1k OBB 4wh lime wagon, brown (Austria Special) £25.00
5309Ak OBB 4wh LWB covered van + brake hut, ep/II, brown £28.00
5430A1k OBB 4wh tank wagon with brake 'Nat Mag Wein', grey £28.00
5207k SNCB steel open, green £8.00

LIMA

HL2003 DB 110 004-9, blue (Digital Lenz chip) £65.00
149600 DB ET430 3 unit EMU, maroon £75.00
HL2036 DBAG 152 112-9, Railion £98.00
8197 FS E424 009 Breda, electric, brown £65.00
8425LP FS E444 075, grey/red/blue £68.00
8425LP FS E444 079, red/grey/black £55.00
8314LP FS E444 115, red/grey £68.00
8694 FS E4444 068 XMPR, grey/green livery £70.00
208220LP FS E444046, red/grey £55.00
8255LP FS E646 052, grey/orange + blue stripes £65.00
8330LP OBB 1042 579-1, electric, red/grey £55.00
8047 SBB Am 841 001-1, red, diesel £65.00
82372 SNCF 040D 4wh diesel shunter, black £30.00
149700X14 Apfelpfeil 4 x Tourist coach set, orange/yellow £58.00
9471k DB 1st/2nd Silverfish £18.00
9472k DB 2nd, Silverfish £18.00
9418 DB 2nd/Diner, green, era III £15.00
HL4005 DB Rhenigold 1968 express coach, red/cream, 1:87 ..... £25.00
9590k DB Silverfish, 2nd/drivers, black skirt £18.00
9796k DB Touropa x 3 coach set, blue, ep/II £55.00
309157k DBAG diner, TEE, red/cream £18.00
309565k DBAG 1st/open, two tone pink/grey £15.00
9529k DBAG 2nd, Silverfish, blue skirt £18.00
149740k DBAG Push/Pull 3 coach set, two tone green/grey/ ex silverfish £55.00
149755k DBAG Silverfish 3 coach set, blue skirt 1:87 ..... £55.00
309576 DSB Bnm72 2nd, red £22.00
9239k FS 1st Eurofima, two tone grey £16.00
L309496 FS 1st UIC, green/grey £20.00 (5)
L309497 FS 2nd UIC, green/grey £20.00 (7)
L309500 FS 2nd, double Deck, grey/blue green £12.00 (6)
9488k FS 2nd/Bar/drivers centre entrance, grey/green/orange £28.00
L309501 FS 2nd/drivers, Double Deck, grey/blue/green £15.00 (2)
9275 FS 2nd/Drivers, orange/grey £22.00
9289L FS 2nd/Drivers, orange/grey £22.00
L309328 FS Restaurant, grey/blue/green £10.00 (2)
L309528 FS Snack Bar, grey/yellow stripes £10.00
9268k SBB 2nd, mkII, green/gold doors £12.00
9272k SBB 1st mkII, green/gold doors £12.00
9272k SBB 2nd, blue/grey/yellow doors for railcar set £28.00
9380 SBB 2nd, inset door, green £12.00 (2)
9332k SBB Baggage, green/grey £12.00
309365k SBB Baggage, green/grey £10.00
309615k SBB Le Buffet Suisse, purple/grey £16.00
9365k SBB mc76 DdZ baggage, green/grey £15.00
9372k SNCF 1st DEV, green/silver £15.00 (2)
L309733 SNCF 1st, Grand Comfort, red/silver £16.00 (4)
9118k SNCF 1st, two tone grey/red doors, Eurofima, ... £16.00
9185k SNCF 1st, two tone grey/red doors, Eurofima, ... £16.00
309200k SNCF 1st/2nd Corail, two tone grey/orange doors £15.00
9193k SNCF 1st/2nd Corail, orange doors £16.00
L309734 SNCF 1st/Baggage, Grand Comfort, red/silver £16.00
303570 DB Bogie Tadgs Talbot hopper £9.00
HL6002 DB Cargo bogie stake with 3 x cont, red £20.00
L302701k DB Cargo closed 4wh hopper, red £10.00
HL6002 DB Cargo Long Bogie flat with 3 x Swapbody, red £24.00
303577 DB G+H ISOVER, pale blue £5.00
303224k DB Glt19 covered LWB van, brown £8.00
302928k DB RAG bogie coal hopper £8.00
3300k NS Cargo Bogie Hopper Eaos, red £7.00
303252-1 OBB Glt Hiagh Capacity van £9.00
3252k OBB Glt van, 4wh, LWB, brown £7.00
303166 SBB Gs van, brown/silver door £3.00
3586 SBB Long Bogie slidewall van, Migros/Aproz £7.00 (2)
3588 SBB Long Bogie slidewall van, Migros/Bischofszell £7.00

RIVAROSSI (SH)

HR2255 CD Cargo 753.751 diesel ..... *New* £138.00
HR2058 BLS Re4/4 #168 'Grenchen' £145.00
1323 DB 10 001, 4-6-2, streamline, DCC (Lenz) £110.00
HR2017 DB 58 1047 2-10-0 ..... £145.00
1358 DB 89 638, 0-6-0T, ep/II £55.00 (2)
1382 DB Br10 002, streamline, 4-6-2 ..... £95.00
1363 DB Br18 616, 4-6-2 ..... £85.00 (2)
HR2048 DB Br641 diesel railcar, red/grey £135.00 (2)
HR2266 DB Diesel railcar 627 005-2, Bwkarlsrue, red. ep/V £120.00
1667 DB E19-12, maroon £48.00
HR2048 DBAG 641 Railcar, red £118.00
1365 DR 18 470, 4-6-2 ..... £65.00
1379 DR 18 505, 4-6-2 ..... £65.00
1340 DR 98 009, 0-4-4-0T £55.00
HR2029 DRG 18 534, 4-6-2 ..... £145.00
1374 DRG 96 022, 0-8-8-0T £125.00
1352 DRG 96 022, 0-8-8-0T, black £115.00
HR2029 DRG Br18 534, 4-6-2 ..... £145.00
5204 DRG Br18 538, grey #56/700 made £175.00
HR2000 FS E4444R, orange/grey (Decoder fitted) £145.00
HR2011 FS E402A, XMPR livery (Decoder fitted) £155.00
HR2175 FS E428 1st series, brown £168.00
HR2190 FS E444R-081 ESCI livery (Decoder fitted) £145.00
HR2181 FS ALe601 048 + Ln 601 023 original livery £148.00
HR4153 FS Le601 021 + Le481 004 twin trailer set, original livery £98.00
HR2158 FS 741.273, Crosti, 2-8-0 ..... £165.00
HR2272 FS E428 series I, grey/brown £168.00
R1436 FS E645 035 ..... £125.00
HR2268 FS428 Series 1, brown £145.00
HR2056 OBB 5047 Railcar, blue/grey/red £168.00
1660 SBB Em3/3 0-6-0 diesel shunter, brown £65.00
1651 SBB Re4/4" #11147, red £85.00
1653 SBB Re4/4" #11141 Swiss Express orange/grey (As new) £80.00
1652 SBB Re4/4" loco+dummy #11134/#11143 ..... £160.00
400011 SNCF BB8598, green/white stripe £115.00
1600 SNCF cc7131 electric, two tone green £110.00 (2)
HR4100 CIWL 3 car set, UIC marking, blue £120.00
2520 FS bogie Baggage, purple/grey £12.00 (3)
2573 FS TEN sleeper, blue £12.00
2595 FS WLABm Sleeper, high silver roof, blue £18.00
3584 FS MU TEN sleeper, blue £30.00
3600 FS 2nd TpX, maroon/grey stripes £30.00 (2)
8306 FS 2nd BRz Servizio Ristorio, grey £32.00
HR4002 FS 2nd LWB 4wh, grey £25.00
HR4016 FS 3 x MU sleeper set, blue £105.00
HR4017 FS 2nd/Drivers, green/grey (XmPR) £50.00
HR4018 FS 1st, green/grey (XmPR) £25.00
HR4019 FS 2nd, green/grey (XmPR) £25.00
HR4096 FS 1st, UIC, maroon/grey £30.00
HR4097 FS 2nd UIC X, maroon/grey £30.00 (2)
HR4119 FS 1st UIC X, maroon/grey £30.00 (2)
HR4120 FS 2nd UIC X, maroon/grey £30.00 (3)
HR4121 FS 2nd UIC X, maroon/grey £30.00 (3)
HR4148 FS 2nd Corbellini, grey £28.00
HR4150 FS 2nd Corbellini, grey £28.00
3582 RENFE 2nd, brown/cream, ESTRELLA, broken step £16.00
3565 RENFE BB 1-1102 ex CIWL, green £25.00
HR6106 DB BASF bogie tanker, silver £22.00 (2)
HR6029 DB Cargo Bogie canvas covered wagon, red £18.00
2441 DB EKU Beer van, white £10.00
2439 DB Gold Ochsen beer van, white £10.00
2400 DB Rs Bogie stake wagon with 3 x cont wagon £20.00
HR6109 DB Tadgs 959 Rexwal, long closed bogie hopper, brown £24.00
HR6046 DB Transcwaggons High Capacity Bogie van, silver £25.00 (3)
HR6027 DBAG Rs Bogie stake wagon £15.00
HR6108 DBAG Skw Tads958 long bogie hopper, yellow £22.00
HR6085 DBAG x 2 bogie flat with 40' cont, DHL + Maersk £38.00
HR6096 FS Bogie Interfrigo LWB van, white £15.00
2124 FS bogie stake, Carro Pinale £18.00
HR6097 FS F1 van, brown, ep/V x 2 set £25.00
HR6006 FS Habils Bogie van, silver/brown £16.00
HR6006 FS High Capacity Bogie van, silver £18.00
HR6099 FS pair of Monfer Bogie hoppers, one blue/one grey £45.00 (2)
HR6050 FS Rgs long bogie stake wagon £16.00
HR6093 FS Rgs Long Bogie stake with 3 x 20' cont £22.00
HR6095 FS Ros long bogie canvas cover wagon, grey/brown £18.00
HR6001 FS Tadgs long Bogie closed hopper, brown £18.00 (3)
2148 FS Uas Bogie Hopper Sosimage, grey £22.00
HR6100 FS x 2 Ferruzzi Bogie cereal hopper, grey £38.00
HR6114 NS Eurolux cargo bogie canvas wagon, grey £18.00
HR6089 SBB Uas bogie hopper Millet 2000, light grey £25.00
R2195 SNCF + CFL Gs Pair vans £25.00
RT700031 SNCF TDs 4wh closed hopper x2 set, brown £34.00

ROCO Locos

62920 CD 754 028-9 diesel, blue/grey/yellow £110.00
62916 CD 754 067-7 diesel, two tone blue/grey £110.00
43795 COMSA 56-Lok 2524 diesel, orange £65.00
43412 DB 111 068-3, red £60.00
63708 DB Cargo 140 810-3, red (DCC LENZ) (As New) £95.00
43001 DB ET420/421 3 unit, orange/cream £125.00
43525 DB ET491 Glasstrain with passengers, light blue £95.00
43741 DBAG 101 063-6, red £80.00
63802 DBAG 101 078-4 Makrolon, graphics (DCC fitted) £95.00
63803 DBAG 101 095, Mini Cooper £100.00
63803 DBAG 101 095-8 Mini Cooper, graphics ..... *New* £125.00
63799 DBAG 101 101-4, Europa, blue/graphics £110.00 (2)
63720 DBAG 101 130-3, Metropolitan, silver £95.00
63708 DBAG 140 810-3, CARGO, red, weathered £65.00
63825 DBAG 182 009-1 DHL, yellow/red £115.00
62432 DBAG Railion 189 027-6, red £125.00
63431 DR 132 577-8, maroon £85.00
63557 DR 243 003, maroon ..... *New* £90.00
DRG E18 06 electric, blue £78.00
69992 EINST Press 253 014-9, diesel, blue ..... *New* £105.00
63678 ES 64 U2-036 Rail 4 Chem, yellow/green (As New) £115.00
43558 OBB 1044 123-6, orange/cream stripes £75.00
43726 OBB 1044.33, orange/cream stripe £85.00
43658 OBB 1044.77, orange/cream stripe £80.00
63598 RAG 185 CI008, blue/silver ..... *New* £95.00
63514 SBB 460 114-2, Western Union, yellow, ... £110.00
63592 SBB 482 002-3 Cargo, blue/red £125.00 (2)
63534 SBB De4/4 #1665, SEETAL red ..... *New* £95.00
62698 SBB Re460 90-4 Valais, Mit Zug Ins Wallis, red £110.00
45196 BLS Bogie baggage, blue/cream £35.00
45319 BLS 1st, mkIV, blue/cream £35.00 (2)
45322 BLS 2nd, mkIV, blue/cream £35.00
64833 CD 1st, green/grey £26.00
45064 CFR Sleeper, blue/grey £40.00
44118 DB 1st/corridor, Eurofima, red/cream £25.00
44554 DB 1st, recess door, green £18.00 (2)
44556 DB 2nd, recess door, green £18.00
44651 DB 2nd/open, t/b £22.00 (5)
44653 DB 1st/corridor, Eurofima,TEE red/cream £25.00
44670 DB 1st/2nd, centre entrance, orange/grey £24.00
44671 DB 2nd, centre entrance, orange/grey £24.00 (3)
44672 DB 2nd/drivers, centre entrance, orange/grey £32.00
44684 DB 1st/2nd, Centre entrance, t/b, ... £25.00 (5)
44746 DB 2nd/Corridor t/b £22.00 (9)
44749 DB 2nd/Baggage, t/b £22.00 (4)
44830 DB Baggage, 4wh, gondola ends, green £14.00
44919 DB 1st/corridor, orange/grey (Pop livery) £25.00
44921 DB 2nd/corridor, green/grey (Pop livery) £25.00
44923 DB 1st/corridor, blue/grey (Pop livery) £25.00
45449 DB Pikes works coach, blue £18.00 (2)
45802 DB 1st/corridor, TEE, red/cream £38.00
45803 DB 1st/open TEE, red/cream £38.00
45856 DB 2nd/corridor, t/b £38.00
45927 DB 3 x Silverfish Push/Pull set, blue skirt, 2nd + 1st/2nd + drivers (t/b face) £115.00
44735 DBAG 'Theatre Im Zug', blue ..... *New* £20.00 (4)
45049 DBAG 2nd/Snackpoint, red/grey stripes, 1:87 ..... £25.00 (3)
45050 DBAG 1st/corridor, two tone blue/grey £22.00
45052 DBAG 1st/Bistro Café, two tone blue/grey £27.00 (2)
45053 DBAG 2nd/open two tone blue/grey £25.00
45267 DBAG 2nd/Snackpoint, red/grey £25.00
45286 DBAG 2nd, D Deck, green/grey £28.00 (3)
45483 DBAG 1st/2nd, ex Silverfsih, two tone green/grey £32.00
45484 DBAG 2nd ex Silverfish, two tone green/grey £28.00 (5)
45453 DR 1st Pikes, green, ep/V £15.00
45544 DR 4wh Thunderbox, green £12.00
45912 Lufthansa Airport Express x 3 coach set, yellow/grey £115.00
44771 SBB 1st, mkIV, two tone grey/white stripes £35.00
44892 SBB 2nd/Drivers, mkIV, green/grey/red face £55.00
44892.2 SBB 2nd/Drivers, mkIV, green/grey/red face £55.00
44968 SBB 1st, Eurofima, grey/white £30.00 (2)
44972 SBB 2nd, Eurofima, grey/white £30.00 (2)
45325 SBB 2nd/Drivers, grey/white £55.00
45994 AAE 7 x bogie flat (Long) Exider containers Set 1 ..... £95.00
45995 AAE 7 x bogie flat (Long) Exider containers Set 2 ..... £95.00
46814 BR Transfesa Long bogie slidewall van, silver/blue £20.00
47757 CFL Bogie stake wagon with steel plate load £22.00
47688 CFL Long Bogie stake with steel load £25.00
47327 CFL Us van, bauxite £9.00 (4)
47322 CFL van, red ..... *New* £11.00
45062 CSD 4wh works coach, green ep/II ..... *New* £15.00
46046 CSD Burgerliches Beer van, white £9.00
48047 CSR Bauernebl van, white £10.00
44094 DB 3 x 5 tub gravel carrier £40.00
46420 DB 4wh closed hopper, brown £15.00 (2)
46679 DB 4wh closed hopper, brown £12.00
47487 DB 4wh gravel hopper, blue £14.00
4399W DB 4wh LWB stake with Roco 30' cont £10.00
47188 DB 4wh stake wagon with 2 x cont load £14.00
46308 DB 4wh stake wagon with 2 x refrig cont £10.00
47620 DB 4wh stake wagon, brown £9.00
47621 DB 4wh stake wagon, brown £9.00
827 DB 4wh stake with 2 x lorry load £35.00
47175 DB 4wh stake with block load £15.00
4337B DB 4wh tanker, yellow £8.00
47169 DB 5 x tub wagon, brown £15.00
46286 DB 6 axle bogie COWL wagon, brown £16.00 (3)
56152 DB Aral 4wh tanker, grey £8.00 (2)
66529 DB Artic Car Carrier with 10 car load £48.00 (5)
46632 DB Artic Car Carrier, brown + 10 cars £30.00
44141 DB Augustine Beer van, cream + lorry set £18.00
47357 DB BASF bogie tanker, white/orange stripe £15.00
47301 DB 'Bergbauern' milk van ..... *New* £9.00 (4)
47443 DB Bogie canvas cov wagon, blue £15.00
46460 DB Bogie car transporter, blue £25.00 (2)
47307 DB Bogie coal hopper, brown/yellow edges £15.00
4393A DB Bogie COWL wagon, brown £12.00 (4)
46490 DB Bogie Stake with steel load £15.00
66820 DB Bogie tanker, grey £25.00
46919 DB Cargo 6axle bogie coal hopper, red £16.00
46940 DB Cargo Bogie Canvas cover, red £15.00
46510 DB Cargo High capacity van, red £18.00
66046 DB Crane with 6 wheel match coach, blue ..... *New* £30.00
46477 DB Dyckerhoff twin silo, grey £15.00
46200 DB EC Bogie tanker with COWL cover, grey/orange stripe £20.00
47061 DB Esso 4wh tanker, black, ep/II £10.00 (4)
43650 DB Esso Bogie tanker, white/red £10.00
47373 DB flat with 3 x Von Haus zu Haus cont x 2 set ..... *New* £30.00
66251 DB Gbmhs van, brown/silver vents £12.00
46408 DB Gbs LWB van, brown £10.00 (3)
4369A DB GGlds Long Bogie van, wooden, brown £7.00
46994 DB Glmhs van, brown £8.00
46103 D

CONTINKITS

STRICTLY MAIL ORDER

Continued from the previous page

22222 DB 210 002-2,maroon (DCC-sound) £245.00
22221 DB 218 256-6, t/b £115.00
22206 DB 290 061-1, maroon, epIV £95.00
22393 DB 39 083, 2-8-2, digital sound £295.00
22532 DB 55 5555, 0-8-0 ..... £118.00
22854 DB 74 912, 2-6-0T £95.00
22509 DB 92 739, 0-8-0 ..... £95.00
22565 DB 98 494 0-6-2T £125.00
22137.02 DB Br003 4-6-2,epIV £165.00
22125 DB Br10002, 4-6-2, Streamline Pacific (Insider Special) *New* £325.00 (2)
22558 DB Cargo 152 002-2, red £125.00
22543 DB CARGO Cargo Sprinter set £145.00 (2)
22031 DB E10 1266, Rheingold, blue/cream, digital sound, soft drive £228.00
22172 DB E17 111, electric, green £185.00
22106 DB ET87 3 unit EMU epIII, maroon £195.00 (2)
22120 DB ks Kof shunter, maroon £75.00
22153 DB V140001, 2-6-2, maroon, epIII £185.00
22712 DB V200 50, maroon £110.00
22716 DBAG 152 001-4 100Yr marklin Museum £135.00
22761 DBAG 185 099-9, red £115.00
22761 DBAG 185 099-9, red (DCC/SX) £135.00
22139 DBAG 323 541-3, Kof, red (DCC/SX) £110.00
22096 DBAG ICE 2, 4 car set, DCC/Sound £145.00
22560 DBAG ICE 3, 3 unit set £195.00
22541 DR V188 001 Artic diesel, green £145.00
22504 DRG 17 007, 4-6-2 ..... £165.00
22514 DRG 44 039, 2-10-0 grey (digital) £175.00
22146 DRG 897422, 0-6-0T £95.00
22703 DRG 96 020, 0-8-8-0T, black £198.00
22730 DRG E04 20, electric, green £115.00
22719 DRG E36 01, electric, green £115.00
22709 DRG E69 02, 0-4-0 electric, green £80.00
22540 DRG E91 99 artic electric, lined green £135.00
24320 DRG Steam Powered Rotary Snow Plough, sound £295.00
21234 FULDA Hightech Emotions Train ..... *New* £295.00
22572 Gkm Fireless 0-8-0T, green £115.00
21217 Henkel set 0-8-0T Fireless + 2 x Persil silo wagon £145.00
22074 Hoyer Railserv 185-cl 004, blue/silver (Digital) £75.00
22138 Kof II Works loco, blue (DCC) ..... *New* £95.00
22122 Kof, green, Ruben Kampagne, DCC ..... *New* £115.00
22853 KPEV T12 #8233, lined green £110.00
21233 MayBach Transport set, diesel + 5 wagon + 10 cars £295.00
21338 Military 290 999-2 diesel, maroon + coach + 4 x heavy flat with tanks, ep IV £325.00
22600 OBB 1012 002, red/grey DCC £120.00
22601 OBB 1012 003, red/grey, DCC £120.00
22683 OBB 1018.03, orange, digital sound £228.00
22911 Porsche 182 004-2, silver DCC sound £175.00
22086 RAG 185 cl 009, blue/silver £68.00
22737 Rhenus 152 902-3, silver/yellow £115.00
22737 Rhenus 152 902-3, silver/yellow £125.00
22131 SBB Ram TEE 4 car set, red/cream, Digital sound £295.00 (2)
22330 SBB Re4/4", green #10015, Sound £188.00
22748 SIEMENS 1116 902-6 electric, yellow/silver ..... *New* £130.00
21223 Silberpfeil 182 + 3 Artic D Deck car transporter + 24 MB cars ..... *New* £375.00
22352 SJ T44 376 diesel, orange/grey (DCC) £175.00
22597 SNCB Br81 0-8-0, green ..... *New* £135.00
UP Big Boy #4015 in wooden case £425.00

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23333 DB 1st/2nd skirts, blue, epIII £25.00
23437-03 DB 2nd, bogie convert, epIII, green £25.00
23434 DB 3 x City Bahn Push/Pull set, orange/grey £135.00 (2)
23335 DB 3rd skirts, blue, epIII £25.00
23337 DB Bogie baggage, skirts, blue, epIII £25.00
23347 DB Domspatz Express 3 coach set £80.00
23422 DB 1st TEE, red/cream £22.00
23423 DB 1st TEE Dome car, red/cream £25.00
23424 DB Diner TEE Dome car, red/cream £25.00
23425 DB 1st TEE, red/cream, lights £28.00
23399 DBAG 1st ICE 3 ..... *New* £45.00
23433 DBAG 2nd, red/grey (ex Silverfish) £25.00
21262 DBAG Push/Pull x 4 Double Deckers two tone green/grey £125.00
23249 DR 1st/2nd, skirts, epIII, green £22.00
23318 DR 2nd/3rd Abtielwagen, green £25.00
23320 DR 2nd/3rd Abtielwagen, green, end lights ..... *New* £34.00
23319 DR 3rd Abtielwagen, green, ... *New* £26.00
23248 DR 3rd, skirts, epIII, green £22.00
23325 DR 4wh Baggage, green £15.00
23311 DR 4wh Baggage, green ..... *New* £18.00
23320 DRG 3rd Abtielwagen, green, with tail lights £32.00
3733k DRG 3rd 6wh green £18.00
23767 DRG Baggage bogie recess door, green £25.00
23336 DSG Diner, skirts, maroon, epIII £24.00
23345 SBB 2nd/drivers, lightweight, green £35.00
23317 Wurt Bögie Baggage, green £25.00
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24417 Carbide Cylinder 2 wagon set £45.00
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24108 DB (EBV) 3 x side dump hopper set, brown £55.00 (2)
23950 DB 2 axle + bogie tanker, silver, Rheinpreussen £25.00
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23814k DB BP Bogie tanker, white £15.00
23872k DB Budweisser Budvar van, white £10.00
23835k DB Cattle wagon, brown £12.00
24203.14 DB GATX, bogie tanker,grey £22.00
24337 DB HBIS van, grey £18.00 (2)
23663 DB Laes articulated car carrier, brown, epIII, metal £16.00 (2)
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24400 DB LWB stake with Auto coach load £24.00 (2)
23992 DB Powdered Silo cont wagon, 2 silo + 3 silo (2 wagon set) £35.00
23570(k) DB T15 slideroof van, brown/silver £10.00
24410 DBAG 6axle heavy bogie flat with steel coil load £22.00 (2)
23853 DBAG Heavy modern bogie stake wagon, brown £20.00
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23940 DBAG side tip bogie wagon, brown £18.00
23588k DR 4wh open/stake wagon with brake hut £8.00
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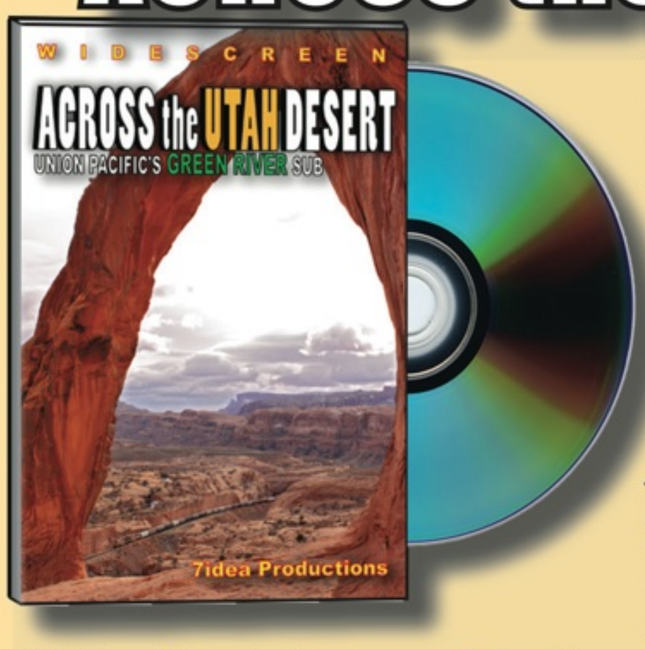
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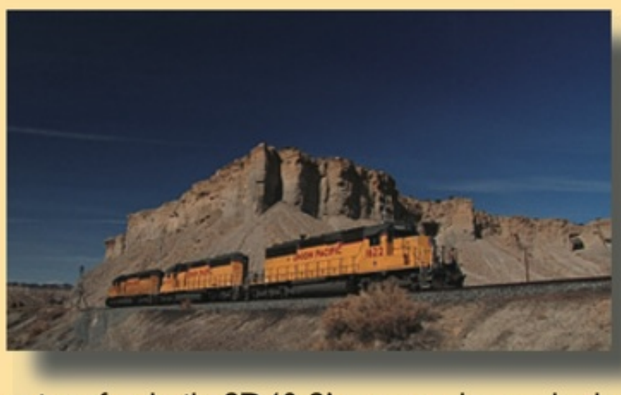
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A Provo to Denver manifest train approaches the Colorado State Line at "Utaline" in Ruby Canyon.



Amtrak 5 the westbound California Zephyr rolls over the west switch of Shale treating its passangers to the spectacular scenery of Ruby Canyon.



A trio of rebuilt SD40-2's passes beneath the Book Cliffs at Maxwell, Utah on their way to Helper.



UP 5689 west leads a heavy coal train up the grade near Thompson Cut.



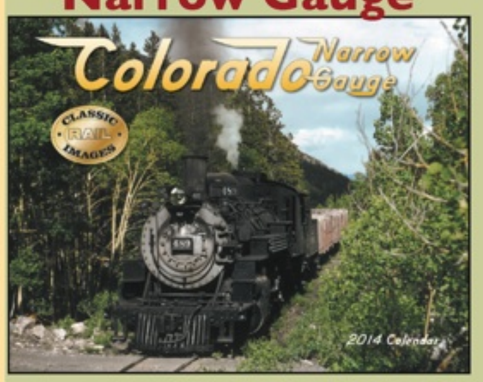
A dirt train departs the Green River Sub ad Brendel for a trip down the Cane Creek Branch in the late afternoon.



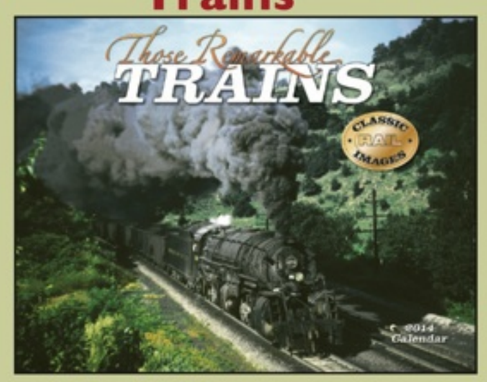
The Potash Local passes giant red sandstone formations near the siding of Sevenmile on the Cane Creek Branch.

2014 CALENDARS

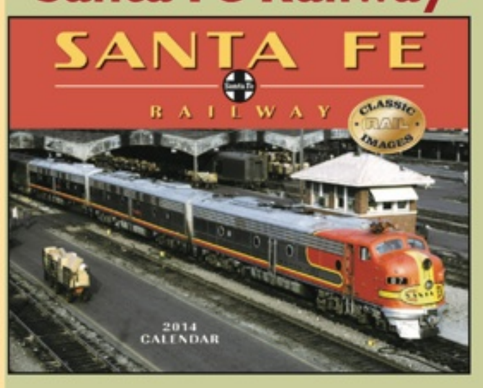
Colorado Narrow Gauge



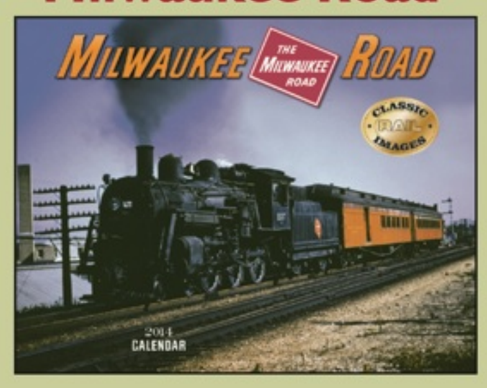
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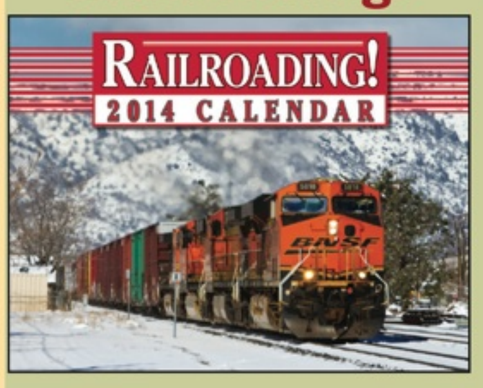
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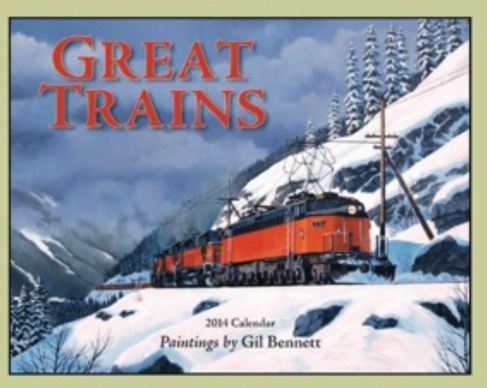
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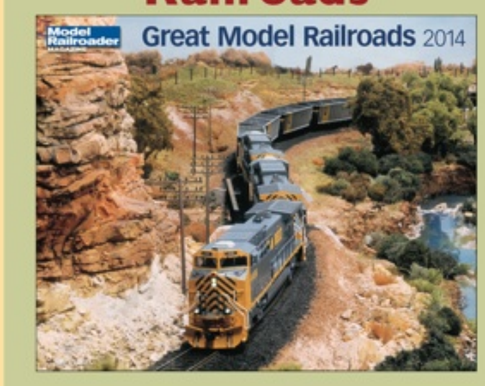


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