

LIMA RAILWAYS

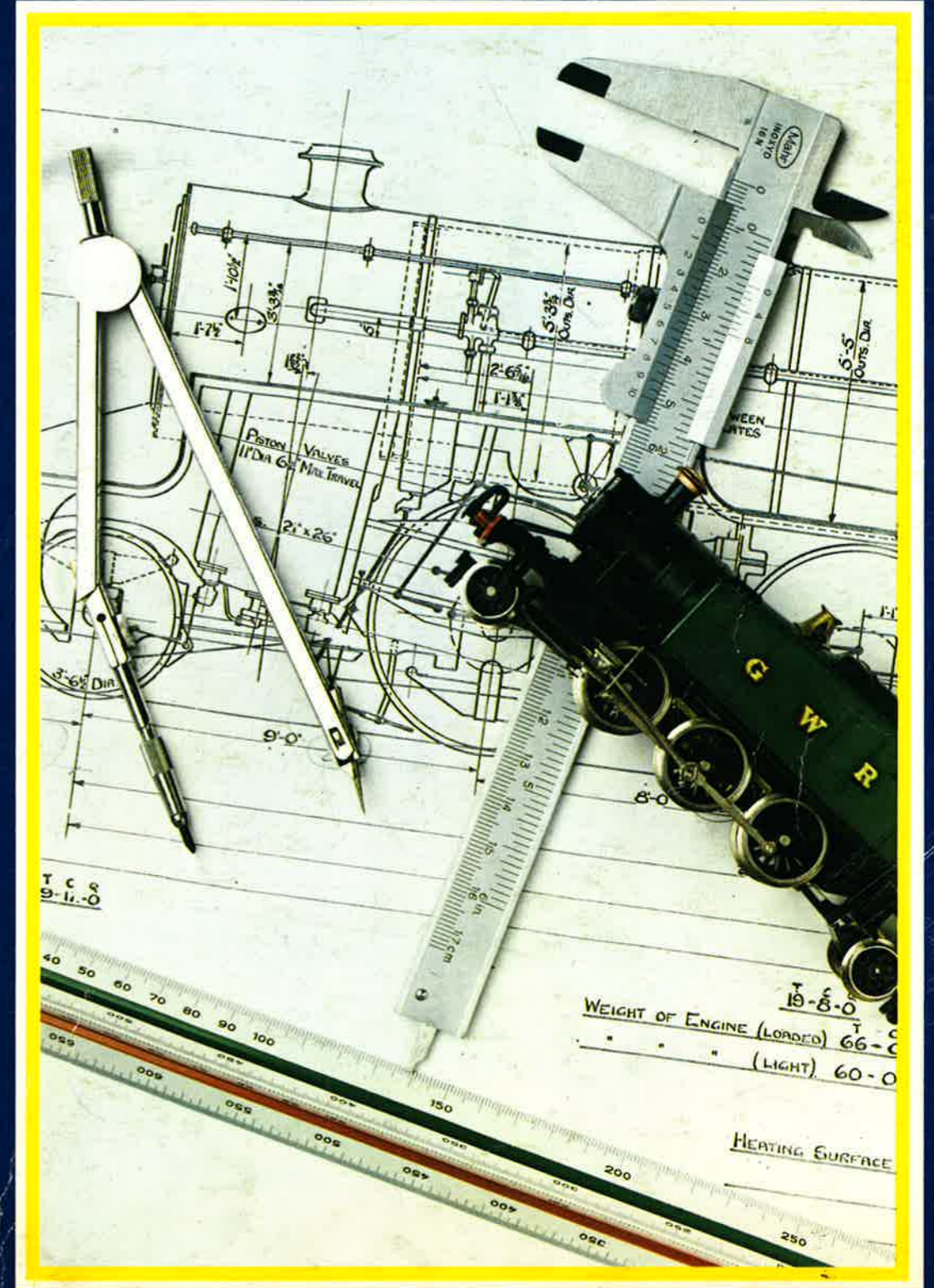
The International Collection

LIMA RAILWAYS

The International Collection



VIA GIOVANNI IMPERIALI 77
36100 VICENZA (ITALY)



1st Edition

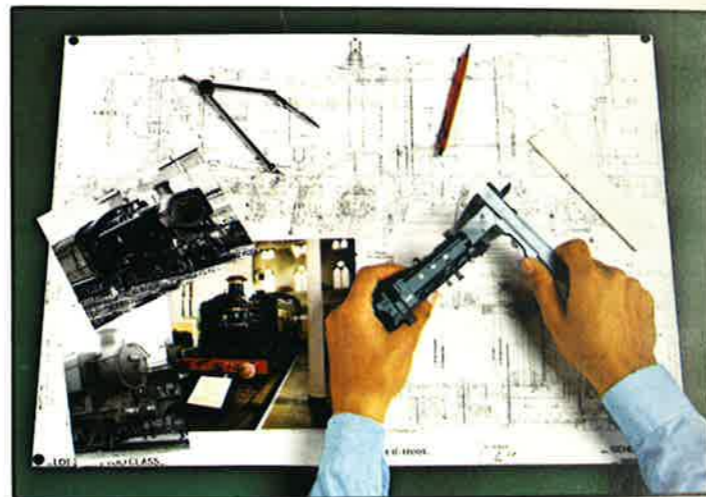
WHY LIMA ARE NO. 1 IN THE WORLD OF MODEL RAILWAYS



models; and '0' which brings a new dimension to railway modellers. As the keen youngster grows into the serious modeller, so his Lima system can grow into a lifetime's absorbing hobby.

Lima models are unmatched for their realism and range; and they are built with the same loving care that was lavished on the originals on which they are based. Small wonder that Lima enthusiasts are to be found all over the world, re-creating in their own homes the excitement and romance of great railways, past and present.

With Lima, railway history comes to life.



The Lima philosophy is simple: if a thing is worth doing, it's worth doing well. And superb quality and expertise are that you buy when you choose Lima.

Before every hand-finished model leaves our factory, it is individually tested, **and then double-checked** to ensure that it is in perfect order. We go to extreme lengths to make sure that details are exactly right; every locomotive and every piece of rolling stock is designed from the original blueprints and photographs of the real thing.

We offer an unparalleled choice of stock and accessories in three scales: 'H0-00', the long-time favourite; 'N', the superbly-engineered mini-

INDEX

	Pages		Pages
H0 Scale		H0/00 Scale	
Locomotives	N. 165	Tracks	N. 87
Passenger Coaches	N. 161	Catenary	N. 11
Freight Wagons	N. 161	N Scale	
00 Scale		Locomotives	N. 55
Locomotives	N. 34	Passenger Coaches	N. 75
Passenger Coaches	N. 28	Freight Wagons	N. 93
Freight Wagons	N. 58	Accessories	N. 11
H0 Scale		Tracks	N. 39
Accessories	N. 12	0 Scale	
00 Scale		Locomotive	N. 12
Accessories	N. 4	Passenger Coaches	N. 24
H0/00 Scale		Freight Wagons	N. 33
Accessories	N. 56	Accessories	N. 2
Control Panel	N. 5	Tracks	N. 10
H0/00 - N - 0			
Power Units	N. 11		

For a total of 1147 articles.

600200

LIMA 1980
PRINTED IN ITALY
FOTOTECNICA LITOGRAFIS
VICENZA

HO SCALE LOCOMOTIVES



HO is the international scale.

In fact, more railway modellers around the world use HO than any other scale. 3.5 mm to the foot is the basic measurement, so you can if you wish build an HO set up in a space as small as a card table. However, the average layout is probably more like 244 cm x 122 cm.

Although there are exceptions, HO is usually the scale for the modeller who wants to get the effect of a real railway network and enjoys building models too. As you will see in the following pages, Lima offers a truly enormous range of

locomotives and rolling stock in this very popular scale.

NEW ITEMS MARKED "NEW" ARE UNDER REALIZATION AND NOT ALL ARE ALREADY AVAILABLE.

B EXTRA BALLAST TO IMPROVE TRACTION.

SD SUPER DETAILED MODEL WITH FULLY AUTHENTIC LIVERY.





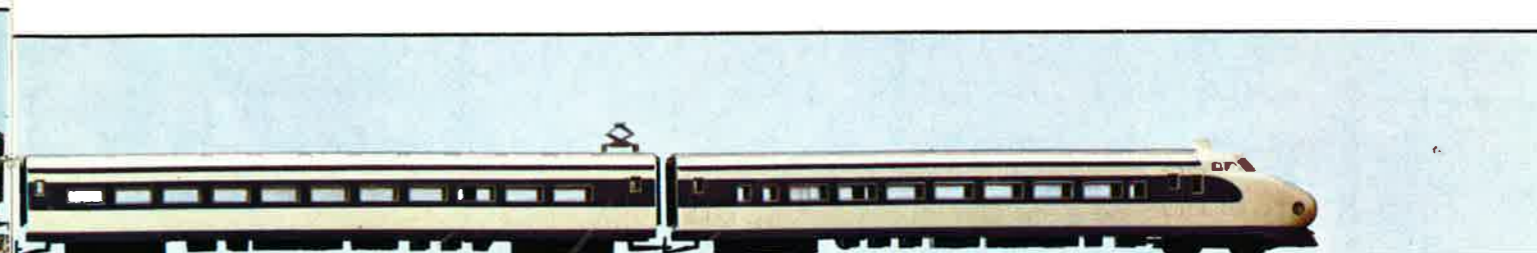
201003LG French diesel locomotive RGP 825rh - L. 256 mm. **201004** Central coach



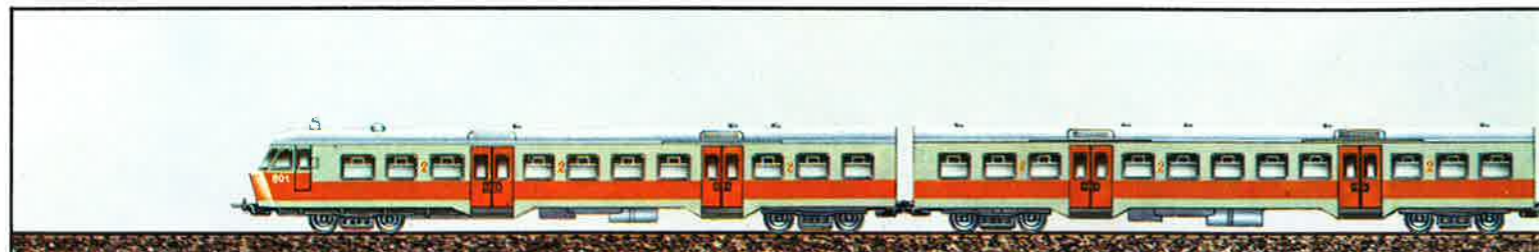
RGP - L. 240 mm. **201005** Brake coach RGP - L. 256 mm.



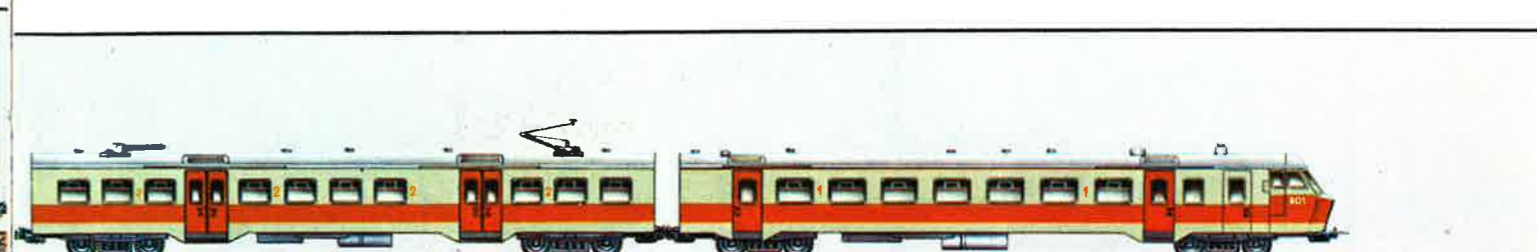
201010LG Electric locomotive of the Japanese Train TOKAIDO. **201011** Wagon for train TOKAIDO.



201012 Wagon with Pantograph for the train TOKAIDO. **201013** Dummy locomotive for the train TOKAIDO.



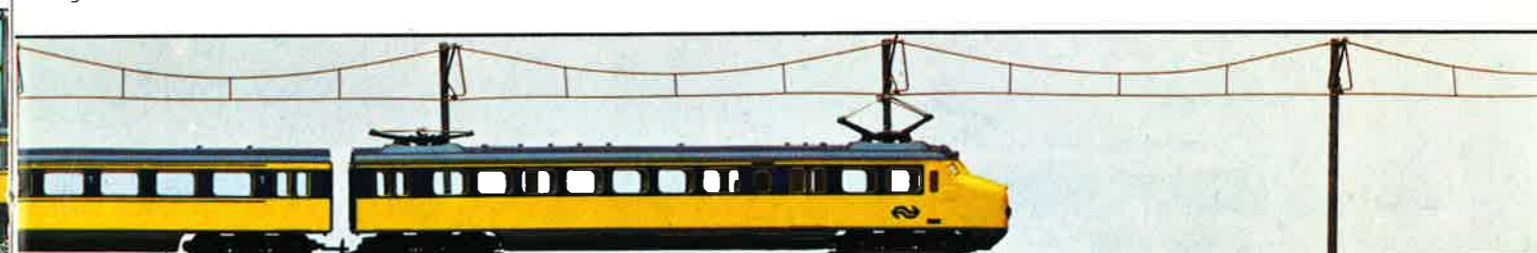
201015 Driver coach of the Belgian train 801. **201017** Central coach of the Belgian train 801.



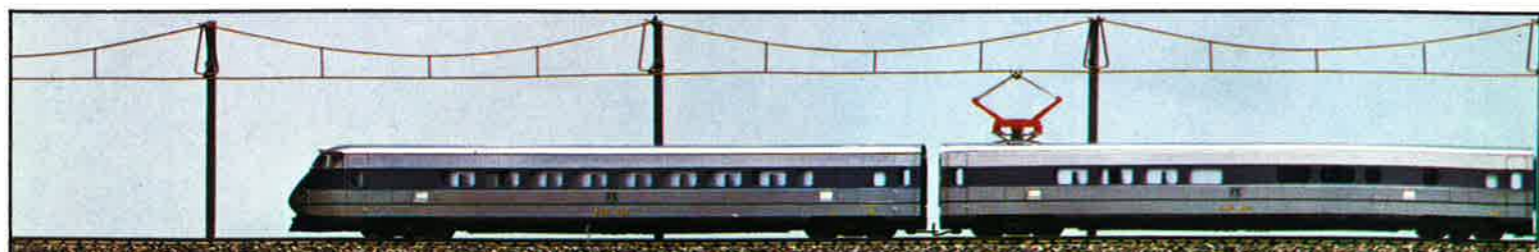
201016G Central coach w/pantograph of the Belgian train 801. **201018** Driver coach w/o motor of the Belgian train 801.



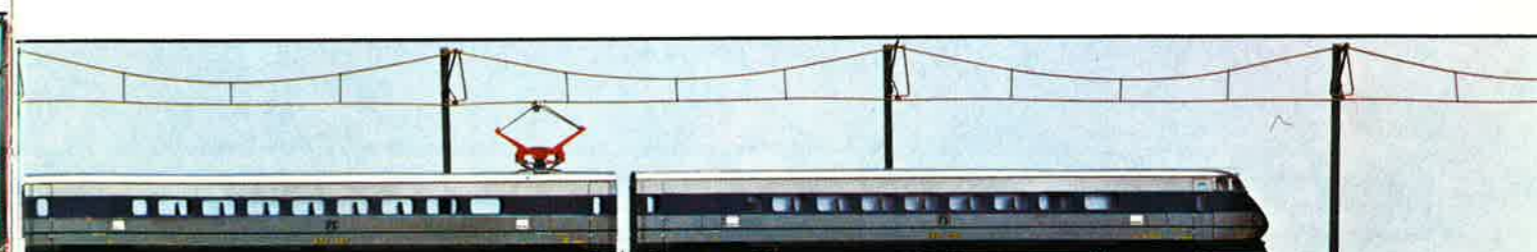
201019LG Dutch electric locomotive Intercity. **201020** Dutch coach Intercity.



201021 Dutch rear coach Intercity.



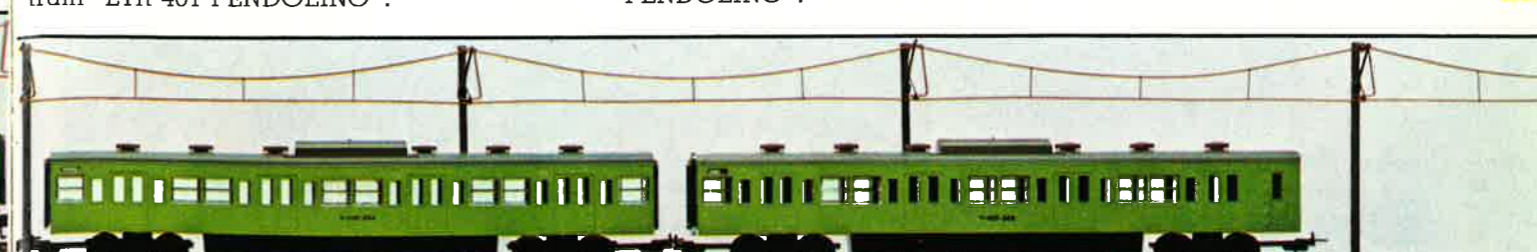
201025LG Electric locomotive of the Italian train "ETR 401 PENDOLINO". **201027** Central coach, type BC, of the Italian train "ETR 401 PENDOLINO".



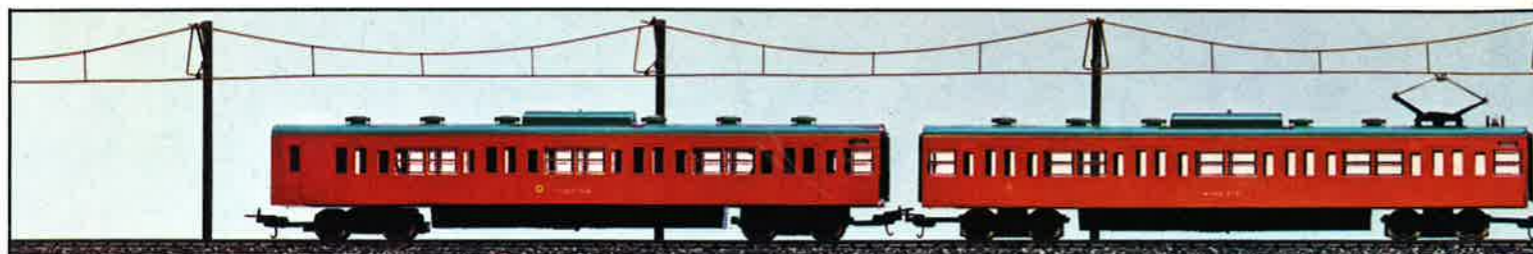
201026 Central coach Type BB, of the Italian train "ETR 401 PENDOLINO". **201028** Driver coach of the Italian train "ETR 401 PENDOLINO".



201042LG Electric locomotive of the Japanese train "KOKUDEN" - L. 245 mm. **201052** Coach w/pantograph of the Japanese train "KOKUDEN" - L. 250 mm.

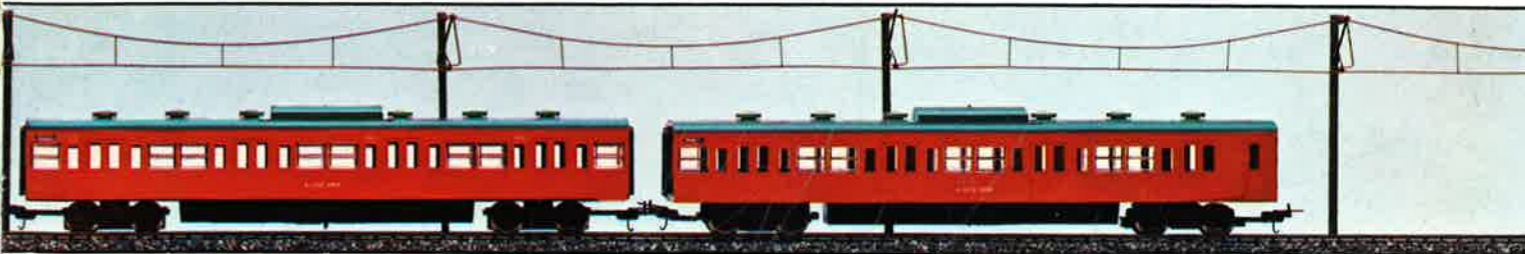


201062 Coach of the Japanese train "KOKUDEN" - L. 245 mm. **201032** Driver coach of the Japanese train "KOKUDEN" - L. 245 mm.



201043LG Electric locomotive of the Japanese train "KOKUDEN" - L. 245 mm.

201053 Coach w/pantograph of the Japanese train "KOKUDEN" - L. 250 mm.



201063 Coach of the Japanese train "KOKUDEN" L. 250 mm.

201033 Driver coach of the Japanese train "KOKUDEN" - L. 245 mm.



201044LG Electric locomotive of the Japanese train "KOKUDEN" - L. 245 mm.

201054 Coach w/pantograph of the Japanese train "KOKUDEN" - L. 250 mm.



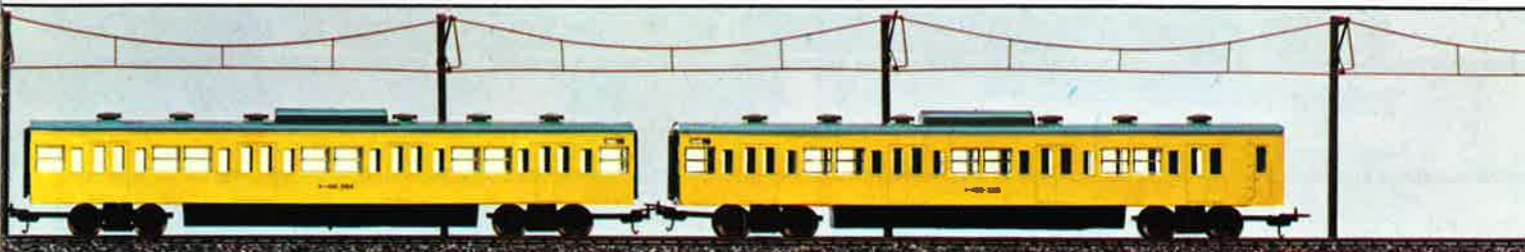
201064 Coach of the Japanese train "KOKUDEN" L. 250 mm.

201034 Driver coach of the Japanese train "KOKUDEN" - L. 245 mm.



201045LG Electric locomotive of the Japanese train "KOKUDEN" - L. 245 mm.

201055 Coach w/pantograph of the Japanese train "KOKUDEN" - L. 250 mm.



201065 Coach of the Japanese train "KOKUDEN" L. 250 mm.

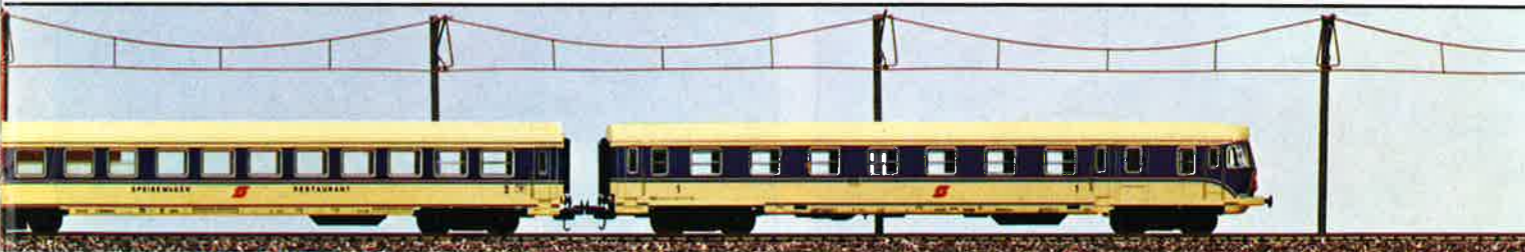
201035 Driver coach of the Japanese train "KOKUDEN" - L. 245 mm.



201070LG Electric locomotive 4010 of the Austrian train "Transalpin" L. 192 mm.

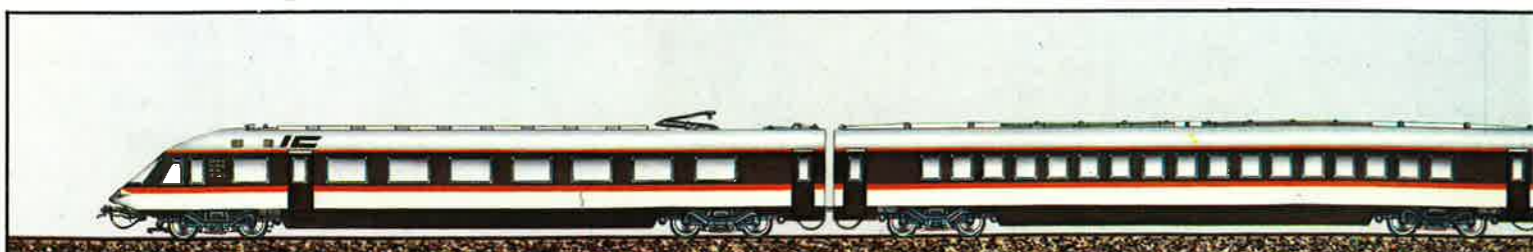
201071 2nd class coach of the Austrian train "Transalpin" - L. 268 mm.

201073 "Trans



Dining car of the Austrian train "alpin" - L. 268 mm.

201072 Driver coach, 1st class, of the Austrian train "Transalpin" - L. 270 mm.



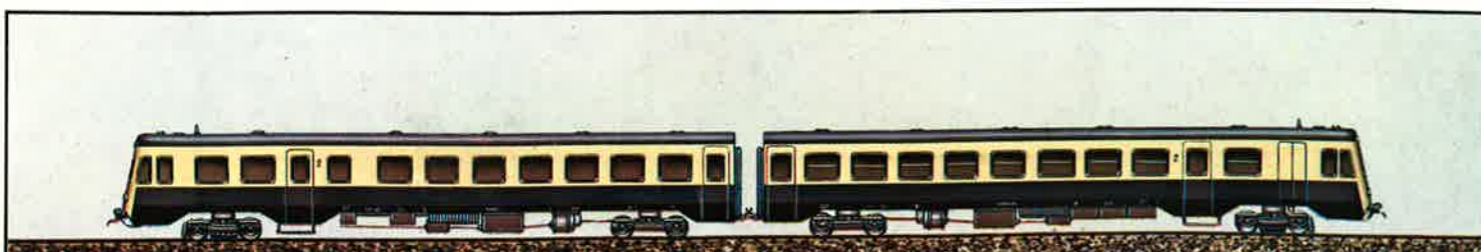
201075LG Electric locomotive BR 403 Intercity.

201076 1st class coach BR 403 Intercity DB.



201077 Dining car BR 403 Intercity DB.

201078 German dummy locomotive BR 403 Intercity.



201090LG Diesel locomotive VT 628 (VT1) DB.

201091 Dummy locomotive VT 628 (VT2) DB.

NEW



201092LG Driver coach DMU MR DSB.

201093 Dummy locomotive DMU MR DSB.

NEW

SD

SD

SD

SD

NEW

NEW

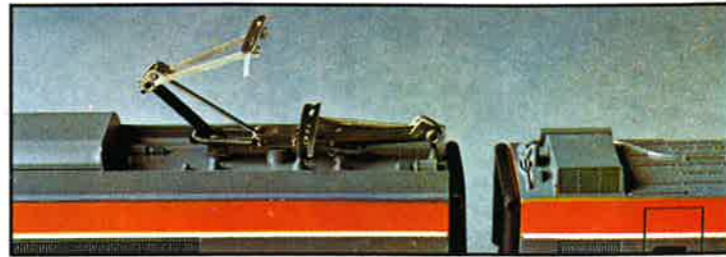
201094



201095LG Electric locomotive for the TGV train.

201096 1st class coach for the TGV train.

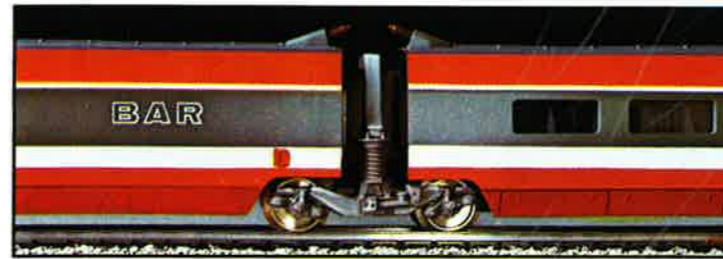
201097 Central coach TGV train.



with bar for the

201098 2nd class dining coach for the TGV train.

201099 Dummy locomotive for the TGV train.



201626LG 309155 309155 309156 309157



201627LG 303548 309038 302832 302847 302812



201630LG 309042 309056 309061 309045 302816



201626LG German Diesel locomotive V 80. Length 147 mm.



201630LG Diesel locomotive BR 216 - DB L. 184 mm.



201627LG Swedish diesel locomotive T43.



201631LG German diesel locomotive BR 218. L. 184 mm.



201628LG Swedish diesel locomotive T43 L. 163 mm.



201632LG German diesel locomotive BR 218 L. 184 mm.



201641LG Diesel locomotive BR 221 - DB.



201648LG S.A.R. diesel locomotive MDT. L. 119 mm.



201640LG 309174 309174 309164 309337



201641LG 309176 309177 309237 309336



201648LG 303521 302917 309041 309040 303520



201640LG German diesel locomotive BR 221. L. 212 mm.



201649LG MDT Diesel Locomotive SNCF 119 mm.





201653LG German diesel shunting locomotive DB L. 119 mm. **SD**



201659LG Italian diesel shunting locomotive MDT L. 119 mm. **SD**



201654LG MDT Diesel locomotive Sante Fé. 119 mm. **SD**



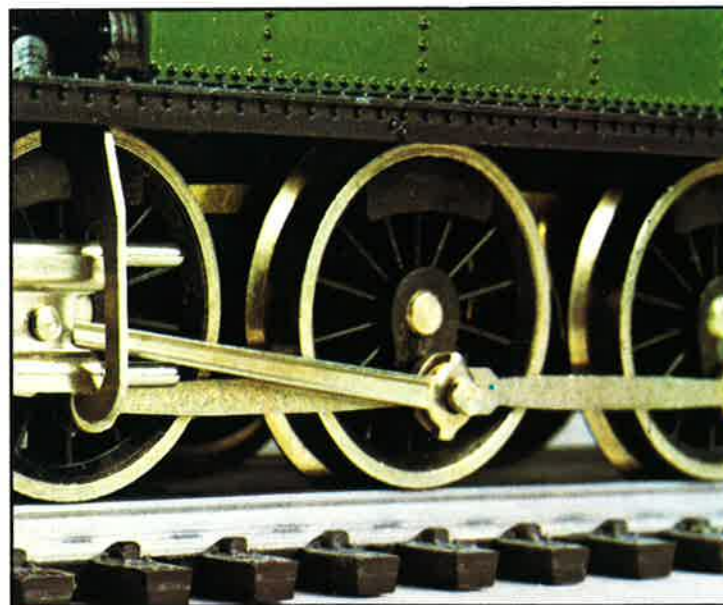
201660G German electric locomotive BR169. 112 mm. **SD**



201653LG 302713 302853 303101 303111 309043

201661LG 309153 309153 309154 309309

201700LG 302858 302713 303174 303154 302811



201661G BR shunting locomotive 169 DB L. 110 mm. **SD**



201662G Electric locomotive for shunting M-02 of a private Swiss Company - L. 113 mm. **NEW**



201657LG Australian diesel locomotive for shunting - L. 119 mm. **SD**



201700LG German tank loco BR. 80. 114 mm. **SD**



203002LG French steam locomotive with tender "MIKADO" 141R. Length 284 mm. **SD**



203003LG German steam locomotive with tender series 39. Length 278 mm. **SD**



201709LG French steam locomotive 2C w/tender, 230 D. **NEW**



203004LG French Steam locomotive R - 141 Mikado 282 - L. 280 mm. **SD**



203002LG 309201 309201 309201 309301

203003LG 309172 309172 309172 309309

203008MLG 303520 302710 303515 309046 303521



201715MG Steam locomotive class 219. 190 mm. **SD**



201716LG Steam locomotive with tender 4-6-2 Class 38. 270 mm. **SD**





203005LG Locomotive with tender for shunting. Length 110 mm. **SD**



203006LG Steam locomotive with tender. Length 205 mm.



203008MG Steam locomotive with tender 0-2-0 "GREAT WESTERN". 206 mm.



203009DLG Steam locomotive MIKADO W/tender MP. L. 276 mm. **NEW SD**



203014LG German steam locomotive with tender BR. 18. Length 270 mm. **SD**



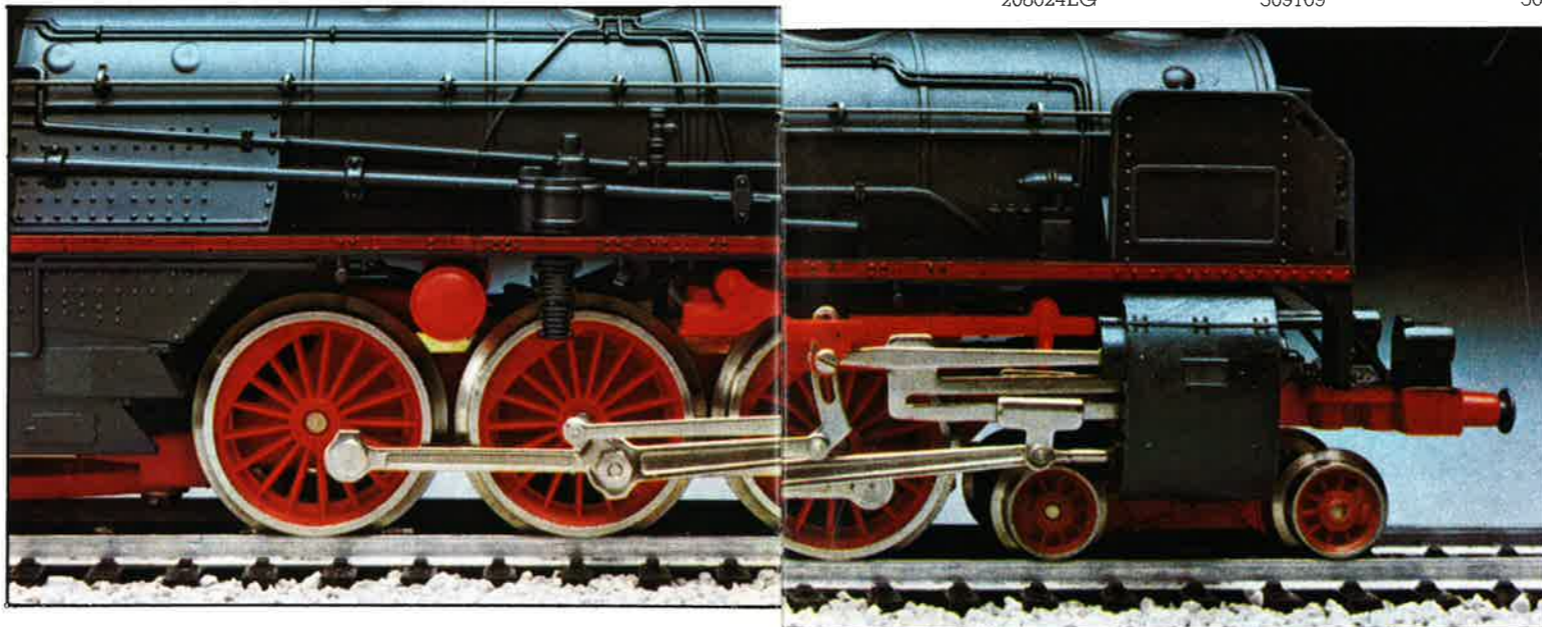
203015LG Australian steam locomotive with tender C. 38. Length 270 mm. **SD**



203016LG German steam locomotive w/tender Series BR10. **NEW SD**



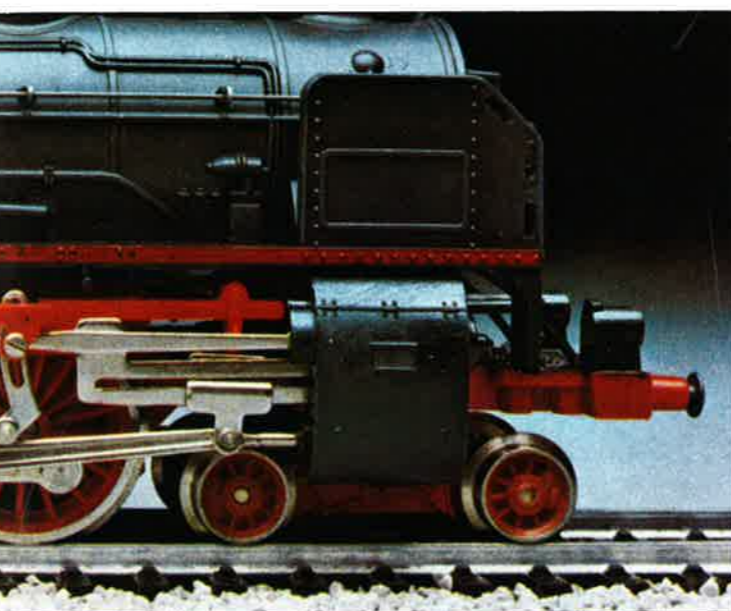
203018LG German steam locomotive BR 56 **NEW**



205103MG British steam locomotive "King Class 6000", with tender 4-6-0. Length 274 mm. **SD**



205110MG British steam locomotive, class 45XX "PRAIRIE". BR Livery. Length 143 mm. **SD**



205117MG British steam locomotive, class T 94XX, GWR livery. Length 135 mm. **SD**



205119MG Steam locomotive CRAB "Class Express" LMS brown. **NEW SD**



205123MG Swedish brown shunter locomotive L. 115 mm.



205124MG Swedish orange shunter locomotive L. 115 mm.



205129MG Dutch shunter locomotive - L. 115 mm. **NEW SD**



205140MG Danish shunter locomotive ML6. **NEW SD**



208022LG Italian electric locomotive E 424 Bo'-Bo' L. 174 mm.



208026LG Italian electric locomotive Bo'-Bo' E 646 L. 210 mm. **SD**



208024LG Dutch electric locomotive 1200 N.S. L. 204 mm. **SD**



208027LG Belgian electric locomotive 150 L. 200 mm. **SD**



208025LG 309108 309108 309108 309303



208026LG 309111 309111 309236 309315



208027LG 302824 302843 302846 302904 302812



208025LG Belgian electric locomotive 125 L. 200 mm. **SD**



208028LG Italian electric locomotive Bo'-Bo' E 645 L. 210 mm. **SD**



208029LG French electric locomotive C-C-7100 L. 217 mm. **SD**



208033LG French electric locomotive BB 9200 L. 185 mm. **SD**



208029LG 309129 309129 309219 309311



208030LG 309109 309110 309305



208031LG 309112 309120 309334 303102



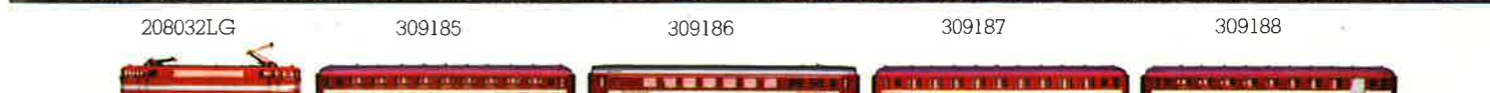
208030LG Dutch electric locomotive, 1310 series. Length 217 mm. **SD**



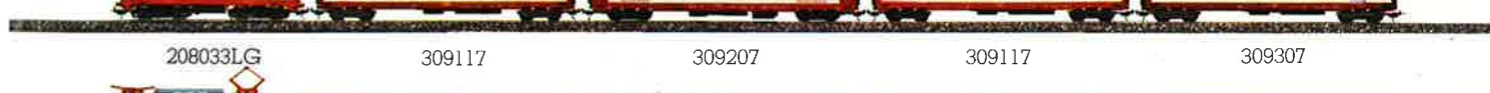
208034LG Italian electric locomotive Bo'-Bo' "Tartaruga" E 444 - L. 190 mm. **SD**



208032LG 309185 309186 309187 309188



208033LG 309117 309207 309117 309307



208034LG 309133 309133 309133 309315



208031LG Swiss locomotive RB 44 1407-1483 serie L. 260 mm. **SD**



208036LG French Diesel locomotive BB 67000 L. 195 mm. **SD**



208032LG German electric locomotive E 410 Rodiggio - Bo'-Bo' - L. 196 mm. **SD**



208037LG German locomotive BR 515 (ETA 150) L. 258 mm. **SD**



208039LG German electric locomotive BR 515
L. 258 mm.



208043LG Australian diesel locomotive Co-Co
Class "S" V.R. - L. 205 mm.

NEW

SD



208040LG German electric locomotive BR
L. 196 mm.



208044LG French electric locomotive BB 15000
L. 200 mm.

SD



208036LG 309113 309113 309113 309318



208037LG 309125



208042LG 309127 309216 309127 309322



208046LG 303108 303546 303546 302921 303207



208047LG 309240 309240 309213 309203



208047LG 309128 309191 309202 309312



208041LG Australian diesel electric locomotive
Class 930 - L. 205 mm.



208045LG French electric locomotive BB 15000
L. 200 mm.

SD



208042LG Australian Diesel electric locomotive,
Class 44. 205 mm.



208046LG Swiss locomotive Ae 6/6 11409-11520
serie - L. 205 mm.

SD



208047LG French electric locomotive CC 21000
L. 225 mm.

SD



208054LG German electric locomotive BR 151.
L. 216 mm.



208048LG 309316 309316 309221 309316



208051LG 309112 309249 309245 309334



208052LG 309141 309158 309257 309335



208048LG Electric locomotive Co-Co
SBB-CFF-FFS - L. 204 mm.

SD



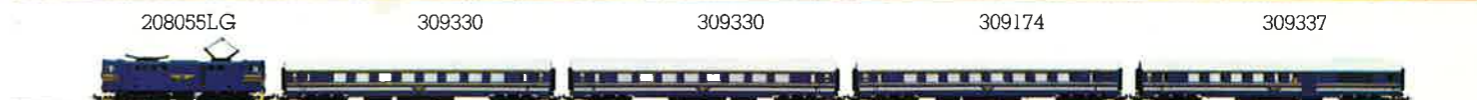
208055LG German electric locomotive Co-Co' BR
151 - L. 215 mm.



208054LG 309330 309337 309178



208055LG 309330 309330 309174 309337



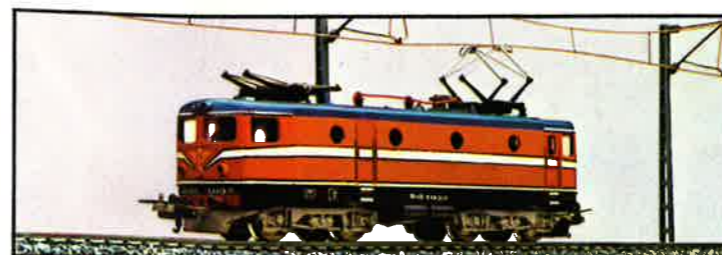
208056LG 309139 309139 309139 309319



208051LG Electric locomotive Re 6/6 Nr. 1603
SBB-CFF-FFS - L. 222 mm.



208056LG Electric locomotive S.A.R. for the "BLUE
TRAIN". 165 mm.
209650 Dummy locomotive S.A.R. for the "BLUE TRAIN".



208052LG Svedish electric locomotive Litt Rc2.

SD



208057LG Electric locomotive of the S.A.R. E919.
165 mm.
209651 Dummy locomotive S.A.R. 165 mm.

SD



208058LG French electric Diesel locomotive - L. 225 mm.

SD



208064LG Italian electric locomotive Bo' Bo' Bo' E656 "Caimano" 210 mm.

SD



208065LG Norwegian electric locomotive EL 13 - L. 167 mm.



208066LG Swiss class RE 4/4 Bo'-Bo' electric locomotive (TEE Livery). 170 mm.

SD



208057LG 309242 309243 309244 309333



208058LG 308134 303172 303202 303191 309044



208060LG 309140 309140 309166 309166



208060LG Austrian electric locomotive - L. 176 mm.

SD



208067LG Swiss electric locomotive RE 4/4 10027-10050 - L. 170 mm.

SD



208062LG Electric locomotive RENFE 7600 series. L. 212 mm.



208068LG Italian Diesel locomotive D 343 Bo'-Bo' - L. 165 mm.

SD



208069LG Portuguese electric locomotive. 200 mm.



208075LG Diesel locomotive FP 45 "AMTRAK". Lenght 250 mm.
209605 Dummy locomotive.



208088LG Diesel locomotive ALCO C 420, Bo' Bo', N. de M. 200 mm.



208089LG Diesel locomotive C 420 ALCO SP. L. 200 mm.
209628 Dummy locomotive.

NEW



2308071LG Diesel locomotive Co' Co' FP 45 from S.F. Lenght 250 mm.
209600 Dummy locomotive.



208100LG D.B. class E103 Co'-Co' electric locomotive (TEE Livery). 225 mm.

SD



208102LG French electric locomotive BB 25500.



208103LG French electric locomotive Bo' Bo'. BB 17000 175 mm.



208104LG 309248 309248 309248 309306



208107LG 309240 309240 309241 309241



208109LG 309164 309164 309164



208104LG French electric locomotive BB 25170 - L. 185 mm.



208109LG Danish electric diesel locomotive "LITT MZ". 236 mm.



208106LG Diesel locomotive RENFE.



208114LG Swiss electric locomotive Ae 3/6 - L. 164 mm.



208107LG French electric locomotive BB 7200 - L. 200 mm.



208115LG German diesel locomotive BR 288, Do' Do' - L. 258 mm.



208116LG Diesel locomotive BR 288 for military train. 258 mm.



208124LG Australian Diesel locomotive Co'-Co' Class 42 - L. 205 mm.



208117LG Swiss electric locomotive Ae 3/6. L. 166 mm.



208125LG Spanish Diesel locomotive, 333 series. 236 mm.



208114LG 309058 309056 309044 309065



208116LG 309197 303504 303500 303508



208117LG 309249 309189 309205



208122LG 301023 301023 301023 301024



208127LG 309241 309240 309213 309240



208129LG 309254 309255 309255 309256



208122LG French quadricurrent electric locomotive Co' Co', CC40100. 225 mm.



208123LG Australian Diesel locomotive, Co'-Co' GM 32 Class 5 - L. 205 mm.





208127LG French electric locomotive, BB 92000. Length 185 mm.



208132LG German electric locomotive BR E 1012 - L. 195 mm.



208129LG S.A.R. electric power coach for the "SUBURBAN" Train. 224 mm.



208133LG German electric locomotive 110 (R 103) green.



208135LG Danish diesel locomotive "Litt. Mz".



208136LG Italian electric locomotive Bo-Bo-E 663.



208130LG Norwegian electric locomotive Co-Co EL 14.



208137LG German electric locomotive E 10.



208131LG Austrian Diesel locomotive 2043.



208138LG German electric locomotive E 10.



HO SCALE PASSENGER STOCK





208127LG French electric locomotive, BB 92000. Length 185 mm.



208132LG German electric locomotive BR E 1012 - L. 195 mm. **NEW**



208129LG S.A.R. electric power coach for the "SUBURBAN" Train. 224 mm.



208133LG German electric locomotive 110 (R 103) green. **NEW**



208135LG Danish diesel locomotive "Litt. Mz".



208136LG Italian electric locomotive Bo-Bo-E 663. **NEW**



208130LG Norwegian electric locomotive Co-Co EL 14. **NEW**



208137LG German electric locomotive E 10. **NEW**



208131LG Austrian Diesel locomotive 2043. **NEW**



208138LG German electric locomotive E 10. **NEW**



HO SCALE PASSENGER STOCK





301023 Type A coach (TEE) Paris-Bruxelles-Amsterdam. 268 mm.



305322 British buffet car MK1 of G.W.R. 265 mm. **SD**



309108 Belgian Coach 1st and 2nd Class 43000 - L. 253 mm.



309114 Passenger Coach of Swiss Company B.L.S. **NEW**



301024 French composite passenger/luggage coach, A4 Dlux T.E.E. 268 mm.



305325 Dining coach Mark 1 BR L. 265 mm. **NEW SD**



309109 Dutch Coach 1st Class A 6500 - L. 253 mm.



309117 French Coach 1st Class A9 - L. 255 mm.



303600 Coach for the American train AMTRAK. Length 268 mm.



305325 Dining coach Mark 1 BR L. 265 mm.



309110 N.S. second class. 253 mm.



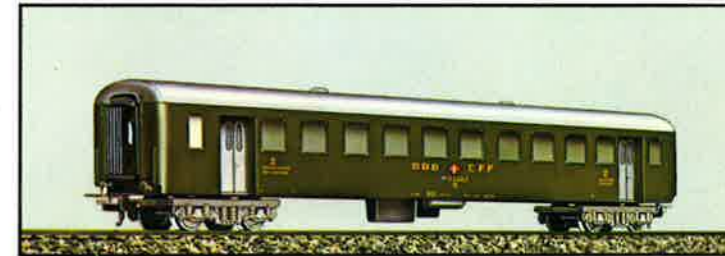
309118 Italian coach of 1st and 2nd Class n. AbZ - 68000 - L. 270 mm.



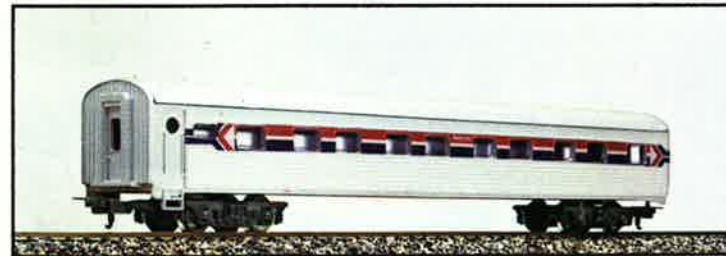
303601 Dining coach for the American train AMTRAK. Length 268 mm.



309111 Italian Coach 1st Class 27000 - L. 255 mm.



309120 Swiss Passenger Coach EW1-B 2nd Class L. 265 mm.



303602 Sleeping car for the American train AMTRAK. Length 268 mm.



305333 GWR Mark 1 Corridor Brake coach. 265 mm. **SD**



309112 Swiss first class coach (Type A). 265 mm.



309121 Swiss Passenger Coach of 2nd Cl. of the B.L.S. company. **NEW**



305313 GWR Mark 1 Corridor Composite coach. 265 mm. **SD**



305344 BR coach w/luggage van. L. 265 mm. **NEW SD**



309113 French Passenger Coach 1st Class INOX 49 - L. 265 mm.



309124 French Coach 1st Class A9 U.I.C. - L. 255 mm.



309125 German Coach AKK n. 815 (E.S.A. 150) - L. 258 mm.



309137 Driver Coach of 2nd Class - np. BDz 68500 **NEW**
L. 270 mm.



309141 Swedish Passenger Coach of 1st Cl. Litt. A2 - L. 268 mm.



309153 D.B. first class 4 wheel coach. 149 mm. **SD**



309126 1st class coach of the "Overland" train L. 268 mm.



309138 Italian 1st class coach "Gran Comfort" 268 mm.



309142 1st class coach RENFE.



309154 German 2nd class passenger coach - L. 149 mm. **SD**



309127 2nd class carriage of the Australian train "Indian Pacific Express". 268 mm.



309155 D.B. second class «Silver fish» coach. 257 mm.



309128 French Passenger Coach for International Trains A9 - L. 255 mm.



309156 German Coach 1st and 2nd Class INOX - L. 257 mm.



309129 French coach A8tu series "Grand Comfort" 268 mm.



309139 1st class coach of the S.A.R. train "Blue Train". 268 mm.



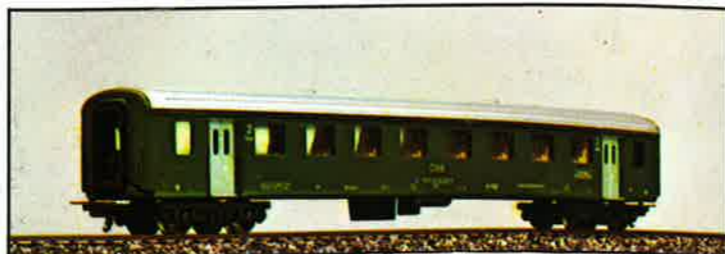
209143 2nd class coach RENFE. L. 268 mm.



309157 D.B. dummy «Silver fish» coach. 252 mm.



309133 Italian Coach of 1st Cl. for train-TEE-LEMANO - L. 268 mm.



309140 Austrian Passenger Coach of 1st Cl. - L. 265 mm.



309150 Norwegian Coach of 2nd Cl. BB 2 - L. 268 mm.



309158 Swedish Coach 2nd Cl. - L. 265 mm.



309159 Swiss Passengers Coach 2nd Class 28-13 - L. 237 mm. NEW



309164 Danish coach. Length 268 mm.



309170 D.B. coach RHEIN GOLD. 268 mm.



309176 German sleeping coach 2nd Class "Touropa" - L. 268 mm.



309165 Baggage coach CORREOS "Renfe". L. 255 mm.



309171 1st class Australian coach. NEW



309177 German passengers coach 2nd Class "Scharnow-Reisen" - L. 268 mm.



309166 Austrian passengers coach 2nd Class - L. 265 mm.



309172 German passengers coach 1st Class - L. 268 mm.



309178 German passengers coach 2nd Class - L. 268 mm.



309160 First class coach of the Portuguese train "Foguete". 265 mm.



309167 D.B. Pullman car RHEIN GOLD. 268 mm.



309174 German passengers coach 1st Class - L. 268 mm.



309179 German passengers coach 2nd Class - L. 268 mm.



309162 French Sleeping Coach Wasteels - L. 268 mm.



309168 D.B. first class RHEIN GOLD. 268 mm.



309163 French Ambulance Coach - L. 268 mm.



309169 D.B. dining car RHEIN GOLD. 268 mm.





309180 German compartmented coach type Avüm L. 268 mm.



309186 Observation coach ADüm. 268 mm.



309181 German saloon coach type Apüm - L. 268 mm.



309182 German restaurant coach tourquoise/beige 'Rheingold' - L. 268 mm.



309183 German observation coach type ADüm - L. 268 mm.



309187 Coach Apfelpfeil Aünme. L. 268 mm.



309184 Compartmented coach Avüm. 268 mm.



309188 Dining coach Apfelpfeil Wrümh. L. 268 mm.



309185 Saloon coach Apüm. 268 mm.



309189 Swiss coach type B. L. 266 mm.



309191 French sleeping car B9C9X. 2nd Class.



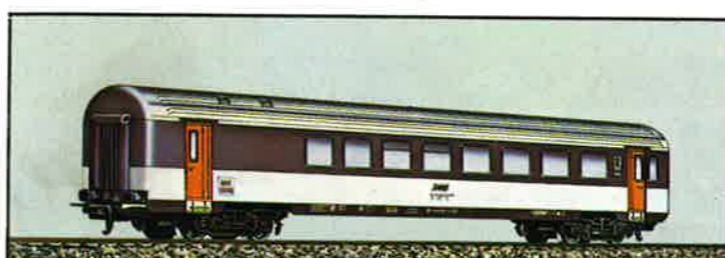
309201 Pullman coach C.I.W. L. 220 mm.



309192 French passengers coach B10, End Class.



309202 Dining coach C.I.W.L. L. 220 mm.



309194 French passengers coach B5 rtux "CORAIL" w/bar - L. 268 mm.



309203 Sleeping coach C.I.W.L. VIC type M. L. 268 mm.



309195 Driver Coach BR815 DB. - L. 258 mm.



309204 DB Sleeping car «DSG». 268 mm.



309197 Passenger car for military train. 220 mm.



309205 S.B.B. restaurant car 268 mm.



309198 Saloon coach Pullman in the Flèche d'Or Paris-Colois liveries - L. 220 mm.



309206 Sleeping coach DSG - L. 268 mm.



309207 French restaurant car 268 mm.



309216 Dining car of the Australian train "Indian Pacific Express". 268 mm.



309221 French coach for display FORUM (AEG TELEFUNKEN) - L. 268 mm.



309235 Dutch sleeping coach TEN Type T25 - L. 268 mm.



309210 French refreshment car "Gril Express". 268 mm.



309217 German restaurant coach for TEE Trains - L. 268 mm.



309223 French audio-visual coach. **NEW**



309236 Italian "Self Service" coach, 268 mm.



309211 Swiss restaurant coach "Grand Confort" - L. 265 mm.



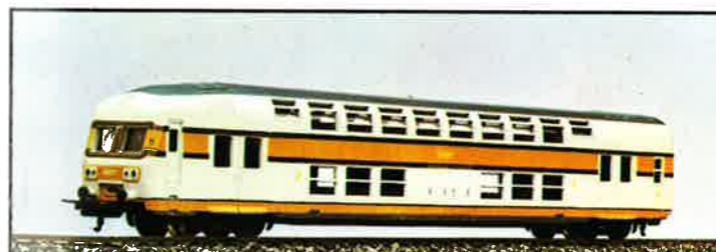
309224 French meeting coach. **NEW**



309237 Swiss sleeping coach. L. 268 mm.



309213 French cinema coach. 268 mm.



309230 French driver/1st class coach Bxe 2 level, 274 mm.



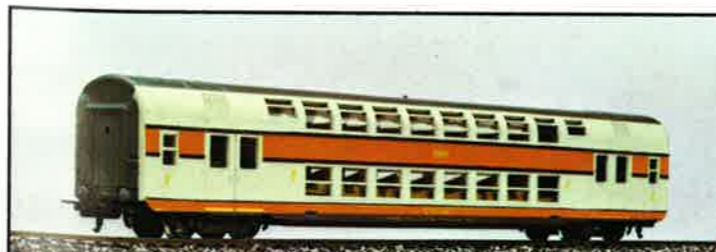
309238 German sleeping coach TEN - L. 268 mm.



309214 DB dining car. 268 mm.



309218 German restaurant coach - L. 268 mm.



309231 French 2nd class coach Bxc 2 level, 274 mm.



309239 French coach 2nd Class FTS.



309215 Dining car of the Australian train "THE OVERLAND" - L. 268 mm.



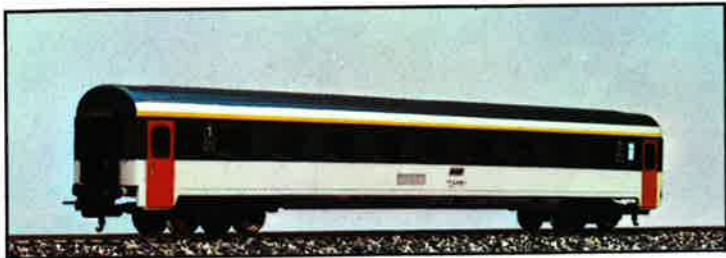
309219 French restaurant coach "Grand Confort" L. 268 mm.



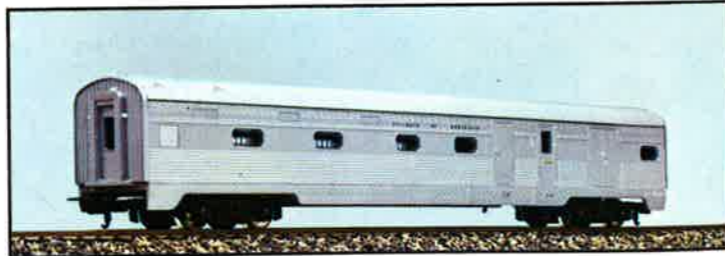
309234 Danish sleeping coach TEN WLABm - L. 268 mm. **NEW**



309240 French 2nd class coach, VTU 75 "Corail" 268 mm.



309241 1st class French coach "Eurofima".
Length 268 mm.



309247 Power van of the Australian train "INDIAN
PACIFIC EXPRESS" - L. 268 mm.



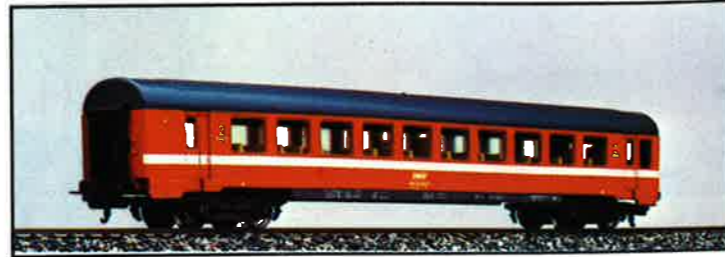
309253 Austrian coach 1st class "Eurofima" -
L. 268 mm.



309301 Wagon-Lits baggage car. 220 mm.



309242 1st class coach of the S.A.R. of the train
"Trans Karoo". 238 mm.



309248 French coach VTU 2nd Class - L. 268 mm.



309254 1st class coach of the S.A.R. train
"SUBURBAN". 222 mm. **SD**



309302 Italian luggage postal coach - L. 220 mm.



309243 Dining car coach of the S.A.R. of the train
"Trans Karoo". 238 mm.



309249 Swiss passengers coach "Couchettes" B.C.
- L. 266 mm.



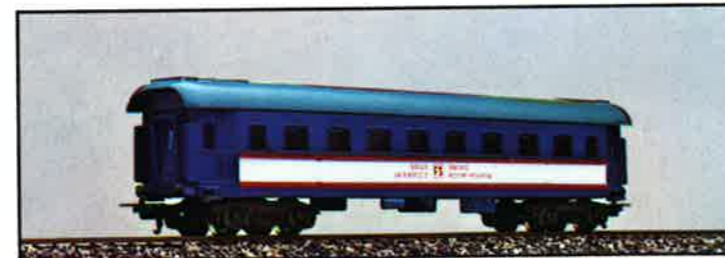
309255 3rd class coach of the S.A.R. train
"SUBURBAN". 222 mm. **SD**



309303 Belgian composite coach 49200 Serie -
L. 253 mm.



309244 2nd class coach of the S.A.R. of the train
"Trans Karoo". 238 mm.



309250 Italian coach for Sanitary Service -
L. 220 mm.



309256 3rd class diver coach of the S.A.R. train
"SUBURBAN". 224 mm. **SD**



309304 Italian luggage postal Ulz U.I.C. -
L. 255 mm.



309245 S.B.B. «Self Service» coach. 268 mm. **SD**



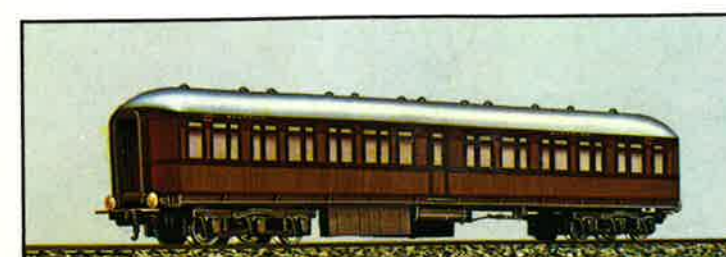
309251 Swiss sleeping car MU - L. 268 mm.



309257 Swedish restaurant coach R3.



309305 N.S. restaurant car. 253 mm.



309246 Six axle sleeping car of the Australian
Railways. **NEW**



309252 Swiss coach 1st class "Eurofima" -
L. 268 mm.



309258 "Pca" Power van for the "Overland".



309306 French luggage coach 1st class A7D -
L. 255 mm.



309307 French composite first class/luggage coach A7D, 255 mm.



309312 French luggage coach 1st class A7D - L. 255 mm.



309319 Composite coach S.A.R. of the train "Blue Train". 268 mm.



309331 French luggage coach Flèche d'Or - L. 220 mm.



309308 Norwegian coach for goods and passengers.



309314 German luggage coach - L. 268 mm.



309322 Sleeping car of the Australian train "Indian Pacific Express". 268 mm.



309332 French luggage van Pullman - L. 220 mm.



309315 Italian luggage coach DZ U.I.C. - L. 255 mm.



309323 Sleeping car of the Australian train "THE OVERLAND" - L. 268 mm.



309333 Baggage car of the S.A.R. train "Trans Karoo". 238 mm. **SD**



309316 Swiss TEE first class coach. 265 mm.



309328 French postal wagon "AMBULANT" - L. 268 mm.



309334 Swiss Luggage van Series D. 211 mm.



309309 German luggage van, 2 axles. 149 mm. **SD**



309317 Italian luggage van "Grand comfort" 255 mm.



309329 1st class Italian coach "Eurofima" - L. 268 mm.



309335 Swedish luggage van F5.



309311 French composite passenger/luggage coach, A4 Dtux "Grand comfort" 268 mm.



309318 French luggage coach DT - L. 265 mm.



309330 German coach 1st Class "Eurofima" - L. 268 mm.



309336 Composite 1st class and baggage coach DB. - L. 268 mm.



309337 D.B. baggage car for fast trains. 255 mm.

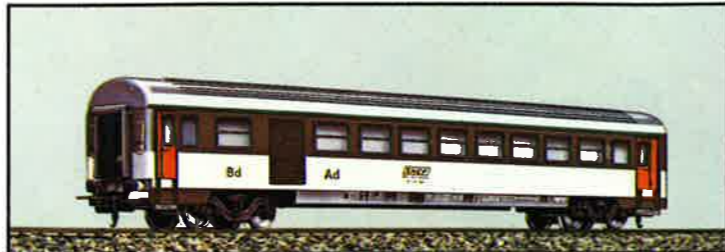


309343 Guard's van, type V-8. 142 mm.

SD

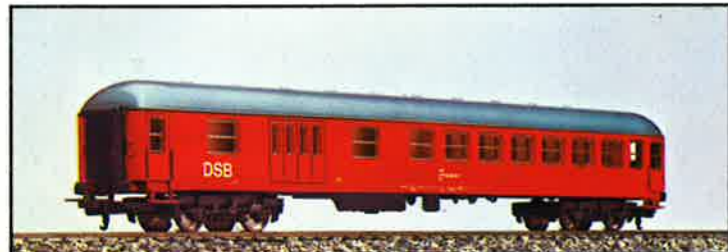


309338 Luggage of Swiss Company B.L.S.



309344 French coach for goods and passengers of 2nd Cl., B6 - Dd2 Corail.

NEW



309339 Danish luggage and passenger coach - L. 268 mm.

NEW



309345 2nd class French luggage coach for goods and Passengers B6 - Dd2.

NEW



309340 French luggage coach - Dd2 "Corail".

NEW



309346 Danish luggage and passenger coach BD L. 268 mm.

NEW



309341 French luggage coach Dd2.

NEW



309347 Danish passengers coach BD - L. 268 mm.

NEW



309342 Australian brake van, class 8300 - L. 135 mm.



HO SCALE FREIGHT STOCK





302201 2 axle, japanese closed van - L. 112 mm.



302712 AGIP tank wagon - L. 116 mm.



302803 French double tank wagon of "Compagnie Européenne des Transports".



302810 German wagon Bascula. 92 mm.



302202 2 axle, japanese closed van - L. 112 mm.



302713 Shell tank wagon. 116 mm.



302804 Two axles silos box car OMYA. 105 mm.



302811 Wagon w/pipes Thyssenrohr. L. 116 mm.



302251 4 axles, japanese refrigerator van - L. 174 mm.



302714 ARAL tank wagon - L. 116 mm.



302812 Flat wagon w/sheet rolls - L. 16 mm.



302271 Japanese flat wagon w/coils - L. 174 mm.



302716 ELF tank wagon - L. 116 mm.



302816 2 axle wagon w/bier Dinkelacker - L. 116 mm.



302710 "SASOL" tank wagon. 116 mm.



302719 L'AIR LIQUIDE tank wagon - L. 116 mm.



302806 Swiss double silo wagon UCES - L. 113 mm. **NEW**



302819 Goods wagon with Löwenbräu beer containers. 116 mm.



302711 ESSO tank wagon. 116 mm.



302802 Double tank wagon of the "Compagnie Européenne des Transports".



302807 Danish double silo wagon PHØNIX - L. 105 mm. **NEW**



302824 Flat wagon w/bier PELICAN - L. 116 mm.



302825 Flat wagon w/wine BEAUJOLAIS.



302841 Flat wagon w/4 spherical containers - L. 168 mm.



302847 Swedish flat wagon w/containers SVELAST.



302856 Flat w/ containers CONTRANS and MERZARIO. Lenght 168 mm.



302826 Spanish wagon for the transport of "Fundador". Lenght 116 mm.



302842 Flat wagon w/4 spherical containers SLOOTTS SENAP - L. 168 mm.



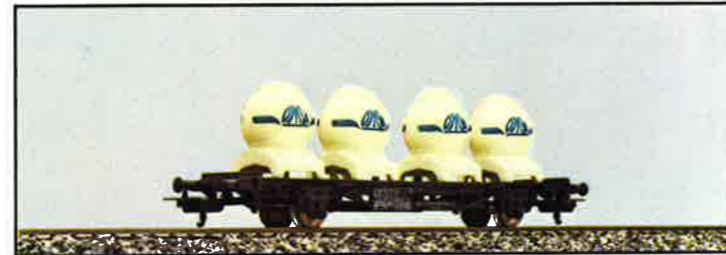
302850 Flat wagon w/containers INCOTRANS and HAPAG LLOYD - L. 168 mm.



302857 Flat wagon w/containers MATEU and MM. L. 168 mm.



302830 Open wagon with transport LIMA materials. 116 mm.



302843 Flat wagon w/4 spherical containers OMYA - L. 176 mm.



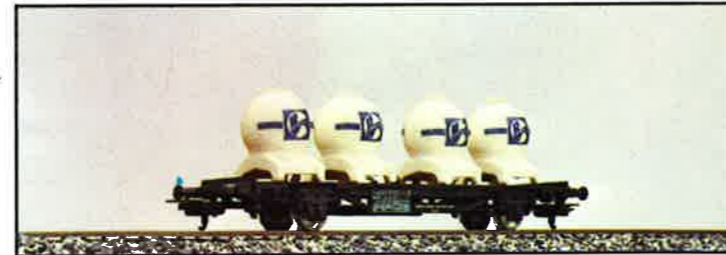
302851 Flat wagon w/containers LINJEGODS - L. 168 mm.



302858 Flat wagon w/containers ITALIAN LINE and LLOYD TRIESTINO - L. 168 mm.



302831 Flat wagon w/stakes "LITT O" - L. 140 mm.



302844 Platform car with spherical containers HOECHST. 168 mm.



302853 Flat wagon w/containers LINJEGODS - L. 168 mm.



302859 Flat wagon w/container DB.



302832 Swedish wagon transporting turnings.



302845 Flat wagon w/containers DSB. **NEW**



302854 Japanese flat car w/containers - L. 220 mm.



302861 Open wagon with transport of "Mercedes" and "AGFA". 116 mm.



302833 Contains wagon SVELAST.



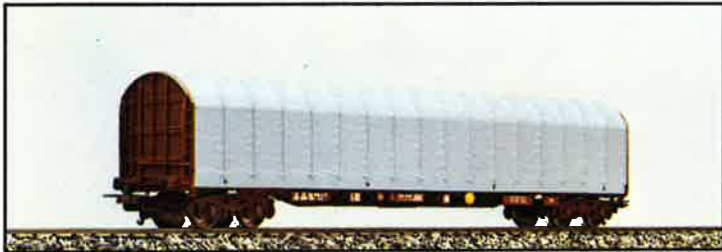
302846 Flat wagon w/containers CAST and HAPAG LLOYD - L. 168 mm.



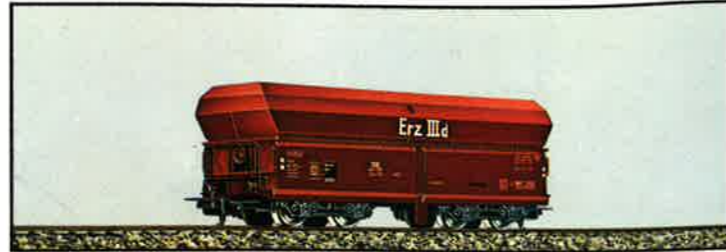
302855 Japanese flat car w/containers - L. 220 mm.



302862 Flat wagon w/containers EVERITE and OCEAN.



302863 French goods wagon, 4 axles.



302891 German unloading coal wagon ERZ III - **NEW**



302865 Flat with Australian containers TNT + RACE. 175 mm.



302866 Flat car with Australian containers ACT+ ESS, - L. 175 mm.



302867 Closed wagon w/conver FIAT - L. 227 mm.



302893 Unloading coal wagon PECHINEY-SAINT GOBAIN. **NEW**



302872 Spanish flat w/40' container RENFE. Length 168 mm.



302901 4 axle tank wagon BUTAGAZ - L. 190 mm.



302873 Flat wagon w/container S.N.C.F. - L. 168 mm.



302903 Tank wagon Mobil Oil. 190 mm.



302904 Tank car SHELL for the transport of L.P. gas. 190 mm.



302920 4 axle tank wagon L'AIR LIQUIDE - L. 190 mm.



302914 Tank wagon BUTANO 4 axle L. 190 mm.



302921 4 axle tank wagon "UETIKON".



302915 4 axle tank wagon OMV - L. 190 mm.



303100 German closed wagon PATRIZIER - L. 126 mm.



302916 4 axle tank wagon TEXACO - L. 190 mm.



303101 Norwegian goods van w/sliding doors. 126 mm.



302917 4 axle tank wagon of S.A.R. 158 mm. **SD**



303102 Postal wagon SBB CFF - L. 121 mm.



302919 Tank wagon MAX MEYER - L. 190 mm.



303103 2 axle, refrigerator van INTERFRIGO.



303104 French refrigerator van STEF - L. 126 mm.



303111 Spatenbräu German beer wagon. 126 mm.



303105L Bogie brake van of the S.N.C.F. with working rear red lights. 142 mm.



303112 Swedish closed wagon "GULLFIBER" - L. 126 mm.



303106 French closed wagon "SERNAM" - L. 72 mm.



303113 Refrigerator wagon for Coca Cola. 126 mm.



303107 Australian wagon. L. 72 mm.



303116 Danish closed wagon "TUBORG".



303108 Swiss closed wagon HENNIEZ - L. 121 mm.



303152 Swiss closed wagon "CARDINAL". **NEW**



303110 German closed wagon LEDERER-BRÄU - L. 126 mm.



303154 Closed wagon, 2 axles "OVOMALTINE" - L. 121 mm.



303158 Japanese closed van - L. 90 mm.



303171 Italian open wagon. Length 121 mm.



303159 Japanese closed van - L. 90 mm.



303172 Open wagon S.N.C.F. - L. 121 mm.



303161 2 axle Italian covered wagon. Length 121 mm.



303174 Italian open wagon w/coal - L. 121 mm.



303163 Two axle covered car of the Italian State Railways chartered to FIAT. 121 mm.



303176 Danish open wagon "E" - L. 121 mm. **NEW**



303164 German closed wagon ASG - L. 121 mm.



303181 4 axles German wagon w/opening top - L. 161 mm.



303167 Closed wagon for transport of bananas. 121 mm.



303182 Covered wagon at opening top for special transports - L. 161 mm.



303183 4 axle wagon w/opening top VARTA. L. 161 mm.



303189 Australian wagon "ALLTRANS" with opening top - L. 161 mm.



303201 SKANDIATRANSPORT freight van w/sliding doors - L. 243 mm.



303226 Refrigerator wagon "PACIFIC FRUIT EXPRESS". L. 140 mm.



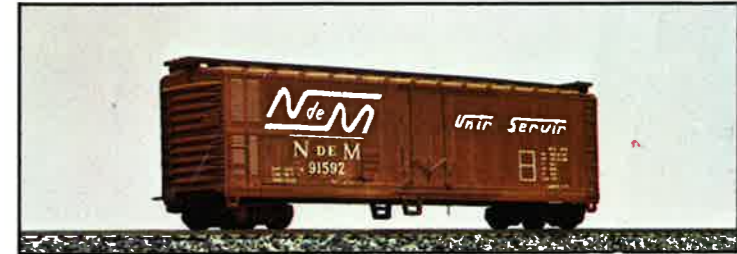
303184 French car w/ Telescopic opening. Length 132 mm.



303191 Swiss refrigerator van INTERFRIGO - L. 242 mm.



303202 Kronenbourg freight-van w/sliding doors. 243 mm.



303229 Reefer wagon N. de M. 180 mm.



303185 Dutch car with telescopic opening. 132 mm.



303192 German closed wagon STAUFEN BRÄU - L. 242 mm.



303205 French closed wagon type G5. **NEW**



303232 Tank car 62' of the CGW. 220 mm. **SD**



303186 Goods wagon w/telescopic opening - L. 132 mm.



303193 Refrigerator wagon "MARTINI". L. 242 mm.



303206 Swiss closed wagon MIGROS APROZ w/sliding doors. **NEW**



303239 62' tank car "AMPOL" L. 220 mm.



303187 Wagon TAES. L. 161 mm.



303195 Closed wagon, SBB-CFF, FELDCHLOSSCHEN-BIER - L. 242 mm.



303207 Swiss closed wagon BISCHOFZELL w/sliding doors. **NEW**



303504 2 axles, open van, for military train, 121 mm.



303188 French wagon w/opening top FINDUS - L. 160 mm.



303197 Closed wagon SBB-CFF, "EX BIER" - L. 242 mm.



303210 Caboose wagon N. de M. 140 mm.



303508 2 axles, closed van, for military train. 121 mm.



303500 Truck with gun. 357 mm.

SD



303548 Open wagon LTTO. L. 140 mm.



303566 German closed van Hbis 297.

NEW



303510 Australian open van. 72 mm.



303520 Open car w/coal SAR/SAS - L. 121 mm.



303550 Swedish closed car FINDUS.



303567 Closed van "G.S." DSB - L. 121 mm.

NEW



303521 Open wagon with cover, 121 mm.



303551 Refrigerator van KRONENBOURG - L. 162 mm.



303611 Caboose "Southern Pacific". L. 140 mm.

NEW



303510 Australian open van. 72 mm.



303525 French open car for the transport of hardware.

NEW



303552 Refrigerator wagon CARLSBERG. L. 158 mm.

NEW



303625 Tank wagon 40' EXXON. L. 148 mm.

NEW

SD



303511 Open car S7354. 72 mm.



303546 Swiss wagon GKLM-V. L. 96 mm.

SD



303560 Refrigerator van "EVE" - L. 158 mm.



303651 Gondola "SOO LINE". L. 176 mm.

NEW



303515 Closed van "EXPLOSIVE". 72 mm.



303547 Swedish open car w/8 axles.



303565 Dutch closed van L.O.B. - L. 121 mm.



309035 Danish open van S. Laengde - L. 206 mm.

NEW



309036 Open wagon ELX of the Victorian Railways.

NEW



309042 4 axle wagon DB. L. 206 mm.

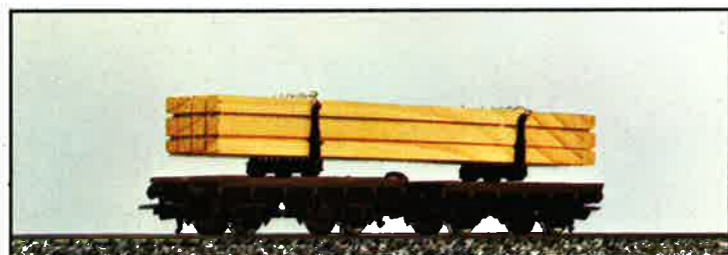


309037 Open wagon ELX of the South Australian Railways.

NEW



309043 German wagon. L. 206 mm.



309038 Twin Trucks with Planks. 215 mm.



309044 Flat wagon ROOS SNCF. L. 227 mm.

SD



309039 Twin Trucks with Pipes. 215 mm.



309045 Open wagon EAOS SBB-CFF - L. 160 mm.



309040 Closed van S.A.R. 142 mm.



309046 Closed wagon, 4 axles, S.A.R. 142 mm.

SD



309041 Open wagon S.A.R. 130 mm.



309050 SIFTA transport automobiles L. 290 mm.



309052 "CAFL" Foundry Wagon.



309061 Swedish wagon to transport automobiles.



309054 German wagon to transport automobiles. Lenght 280 mm.



309062 German wagon to transport automobiles.



309055 Japanese car carrier - L. 248 mm



309065 French open wagon EAOS - L. 160 mm.



309056 Multiple Wagon with "Philips" Transformer Load. 220 mm.



309066 Italian open wagon EAOS - L. 161 mm.



309058 Breakdown crane w/flat car D.B.

SD



309069 Autotransporter, class VMPY "The Overland" - L. 248 mm.



309060 Breakdown crane w/flat car. SNCF livery. 260 mm.

SD



309070 Closed van with tarpaulin of the S.A.R., L. 142 mm.

OO SCALE LOCOMOTIVES

'OO' has become the most popular and widely used scale in the U.K., and Lima offers the biggest selection of locomotives in British outline in this scale. The gauge (between the rails) is 16.5 mm and the general dimensions are 'OO' scale (4 mm: 1 ft).

Most other countries use the 'HO' scale (3.5 mm: 1 ft) and certain items in the Lima range are based on this International outline. These are larger in real life than their British counterparts, but since their buffer beam heights are the same, the two systems are compatible when mixed. The track gauge for both 'OO' and 'HO' is 16.5 mm.



205101MG 0-6-0 T Class J50 Tank Locomotive. LNER Lined Apple Green Livery.



205102MG 0-6-0 T Class J50 Tank Locomotive. BR Unlined Black Livery.

J. 50

0-6-0 Pannier Tanks were considered by the L.N.E.R. to be the most suitable type of locomotive for short haul and shunting duties. Designed by Sir Nigel Gresley in 1914, the J-50 Class were adapted for use on the steep inclines of West Riding. An increase in cylinder size and the tank engine design provided the extra adhesion. Lima's model is of engine No. 8920 built at Doncaster works in 1924, re-numbered 68920 by B.R. in 1948, was finally withdrawn from service in July 1961.



94xx

94xx Class intended for heavy shunting work and passenger traffic was last in the line of Pannier Tanks produced for the G.W.R. at Swindon. Designed by F.W. Hawksworth and built in 1947 engine No. 9400 had all-welded tanks, an incredible coal capacity of 3 1/2 tons, was super-heated and was fitted with Automatic Train Control. It was withdrawn from service in 1959 and is now preserved at the Great Western Railways Museum at Swindon.



205117MG 0-6-0 T 94xx Class Tank Locomotive. Original GWR Livery.

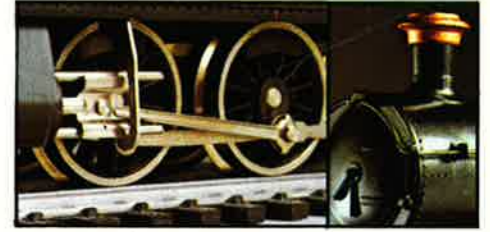


205118MG 0-6-0 T 94xx Class Tank Locomotive. BR Unlined Black Livery.

PRAIRIE



One of G.W.R.'s Standard Tank locomotives for cross country and branch line passenger works. The 45 xx Class was designed by G.J. Churchward and 175 were built at Swindon Works between 1906 - 1929. These small Prairie tanks weighed 57 tons, produced a pressure of 200 lbs and had tractive effort of 21250 lbs superheated. They were a lighter and smaller development of the earlier 31xx.



205110MG 2-6-2 T Class 45xx Prairie Tank Loco. BR Lined Black Livery.



205111MG 2-6-2 T Class 45xx GWR Prairie Tank Locomotive in Original Livery.



205103MG 4-6-0 'King' Class Express Locomotive. No. 6000 "King George V" in Lined GWR Green Livery.



205104M 4-6-0 'King' Class Express Locomotive No. 6009 "King Charles II". Experimental BR Lined Blue Livery

Possibly the most famous of all G.W.R. locomotives, these magnificent express passenger engines were built by C.B. Collett at Swindon and introduced in 1927. The original No. 6000 King George V represented Gt. Britain at the Baltimore and Ohio Railroad centenary celebrations in 1927, where its unusual warning bell was fitted. Withdrawn for preservation in 1962 this loco can still be seen on periodical excursions.

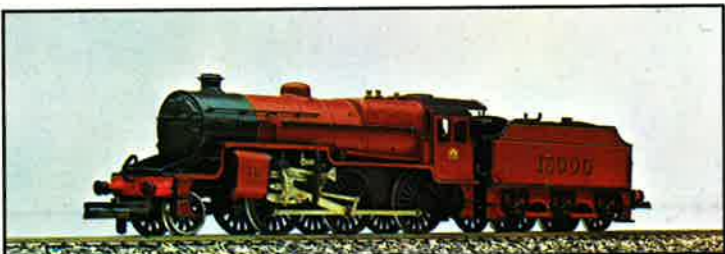


'KING' CLASS



'CRAB'

These impressive mixed-traffic locomotives were the first new design of main line engine on the L.M.S.R. after grouping. Introduced in 1926 and designed by George Hughes C.M.E., they were hard working, and highly successful. Over 240 were built at Horwich and their unusual valve gear led to the nickname "Horwich Crab".



205119MG 2-6-0 'Crab' Class Express Locomotive. LMS Lined Maroon Livery.

NEW



205120MG 2-6-0 'Crab' Class Express Locomotive. BR Lined Black Livery.

NEW



V2



205130MG L.N.E.R. V.2 Class 2-6-2 Green Arrow No. 4771.

NEW



205131MG V.2. Class 2-6-2 in Lined B.R. Livery. No. 60964. "The Durham Light Infantry".

NEW

These V.2 Class 2-6-2 locomotives were designed by Sir Nigel Gresley and the first numbered 700 was called "Green Arrow" and entered service in 1936. After giving Yeoman service during the Second World War, it was re-numbered 4771 in 1945 and continued in service until 1962. Over 180 of this class of engine were built and many underwent various modifications and some were involved in "self cleaning smoke box" experiments after the War. Green Arrow is preserved at the National Railway Museum and can be seen under steam on its periodical excursions.

'SHUNTERS'



Manufactured by the English Electric Company at Derby works in 1945 these diesel electric units producing a tractive effort of 35,000 lbs, formed the basis for many more shunters built by various regions of B.R.



205107MG 0-6-0 Class 09 350 BHP Diesel Shunter, BR Livery.



205108MG 0-6-0 Class 09 350 BHP Diesel Shunter, Early BR Livery.



205109MG 0-6-0 Class 09 350 BHP Diesel Shunter, LMS Livery.



205114MG BR Class 33 Bo-Bo Diesel Locomotive in BR Livery of the late 1960's.



205115MG BR Class 33 Bo-Bo Diesel Locomotive in original Livery.



205116MG Diesel locomotive BRE-METRO

CLASS 33





'DELTAIC'

The Class 55 "Deltics" considered by many the 'King' of the diesels, were built by English Electric and entered service in 1961. They are the most powerful on B.R., with two 1650 hp 18-cylinder engines and were the first Diesels built for regular working at 100 mph. They proudly carry the names and insignias of famous Scottish Regiments.



205105MG BR Class 55 'Deltic' Co-Co Diesel Loco. Early Livery No. D9003 "Meld".



205106MG BR Class 55 'Deltic' Co-Co Diesel Locomotive. No. 9006 "The Fife and Forfar Yeomanry".



205134MG BR Class 52 'Western' Diesel-Hydraulic Locomotive No. D 1003 "Western Pioneer".

NEW



205122MG BR Class 52 'Western' Diesel-Hydraulic Locomotive. No. D1071 "Western Renown".



205121MG Class 52 'Western' Diesel-Hydraulic Locomotive. Western Maroon Livery. No. D1016 "Western Gladiator".



205126MG Class 52 'Western' Diesel-Hydraulic Co-Co No. D1000 "Western Enterprise".

'WESTERN'

Based on a German design and developed from the "Warships" the diesel-hydraulic "Westerns" were built at Swindon and Crewe and introduced in 1961. In early years their Voith hydraulic transmissions and bogies gave trouble and to improve availability they were restricted to West of England service. Their two engines produced 1350 b.h.p. and their coach-profile body, recessed windscreen and clean styling make them the most handsome diesels built.





205135MG BR Class 42/43 'Warship' Diesel-Hydraulic Bo-Bo No. D843. "Sharpshooter". **NEW**



205128MG Class 42/43 'Warship' Diesel-Hydraulic Bo-Bo, Original Western Region Maroon, No. D838 "Rapid".



205127MG Class 42/43 'Warship' Diesel-Hydraulic Bo-Bo, Rail Blue Livery, No. D814 "Dragon".



'WARSHIP'

The Class 42 and 43 diesel-hydraulic "Warships" were built between 1959 and 1962. Class 42 was built at Swindon and Class 43 at North British. Their engines produced 2,200 b.h.p. with a tractive effort of 52,000 lbs. They were BR's first real success in diesels, with a top speed of 90 mph. Unusually, the bogies are without axle-boxes, bolsters or central pivots and they incorporate laminated coil springs to transmit body weight to bogie frames.



RAILCAR



205132MG G.W.R. Rail Car No. 22 original Livery. **NEW**



205133MG G.W.R. Rail Car No. 22 1948 Crimson/Cream Livery. **NEW**

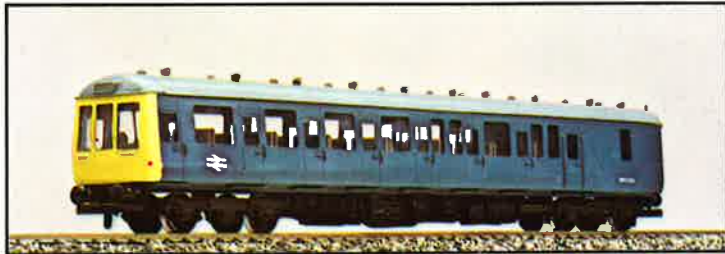
The G.W.R. was the only railway Company to produce a really successful diesel powered rail car design and they first went into service in 1933. All were third class and powered by two AEC 121 BHP engines. They were used for both express and branch line working and some were even fitted with buffet facilities. No. 22 was built at Swindon works in 1941 to a newer, more angular design. It had second class seating for 48 with limited luggage space at one end. It saw continuous service throughout the War and was withdrawn for preservation in 1962.



205137MG Class 117/2 DMU Motor Brake 2nd 1959 Livery. **NEW**



205139MG Class 117/2 DMU Motor Brake 2nd Non Powered Trailer. **NEW**



205136MG Class 117/2 DMU Motor Brake 2nd 1974 Livery. **NEW**



205138MG Class 117/2 DMU Motor Brake 2nd Non Powered Trailer. **NEW**

DIESEL MULTIPLE UNIT

The last few years has seen a continuous growth in cross country and suburban diesel multiple services. These have proved to be a popular and cost effective method of passenger movement, especially over local commuter and shopper routes. Most types look basically similar and are built on two standard length under-frames. Many combinations can be seen, including 2,3 and 4 car sets. Lima's model is of the Pressed Steel Company's Motor Brake 2nd, which has seen service in most parts of the country. Introduced in 1959, and powered by 2 BUT (Leyland) 6 cylinder 150 BHP engines. These mechanical transmission units weigh 36 tons and have an overall length of 64 ft.



CLASS 87

The BR Class 87 Electric Locomotive No. 87005, 'City of London.' British Rail's latest design of overhead electric locomotives, the Class 87 Bo-Bo's were introduced in 1973 and were based on the previous Class 86/1. Their motive power is from four frame - mounted GEC 1250 h.p. traction motors producing a maximum speed of 100 mph. These pollution-free locomotives are the most sophisticated in full operation today.



205125MG BR Class 87 Electric Locomotive No. 87005, "City of London", Suitable for operating with or without Catenary system. **NEW**

OO SCALE PASSENGER STOCK

When you buy Lima Passenger Stock you buy the experience of coach making from the world's biggest model railway manufacturer. All Lima coaches are hand-finished to ensure the finest accuracy in lining and lettering. The liveries are produced after many months of research on original



blueprints and photographs of their real life counterparts, so that colour matching is as close to authentic as possible. And Lima Passenger Stock runs quietly and smoothly because the steel axles have special conical points to reduce friction as they operate.



GREAT WESTERN RAILWAY



The Great Western Railway was the only name to survive the 1923 Railways Act. It combined with the Southern and Welsh railways to become responsible for the western part of England.

In broad gauge days GWR coaches were wider than other companies' stock and renowned for comfort. In 1892 GWR produced the first train with a corridor from end to end. The elegant chocolate and cream livery was replaced by chocolate brown overall in 1909 for economy. However the loss of publicity value was realised and colours reverted to the original by 1921. In 1934 the 18-ton GWR diesel railcar appeared, with seating for 69. Lima enables you to reproduce these exciting and famous trains with a comprehensive range of Mark 1 Coaches in their completely authentic Western Region Livery.



HOW TO MAKE UP AN AUTHENTIC WESTERN REGION TRAIN:



305313 Mark 1 Corridor Composite Coach. Western Region Livery.



305333 Mark 1 Corridor Brake Coach. GWR Livery.



305322 Mark 1 Restaurant Car. GWR Livery.



305345 Standard Gangwayed Brake Van. GWR Livery.



305301 BR Mark 2B Inter-City First Class Corridor Coach.



305321 BR Mark 1 Restaurant/Buffer Car.



305302 BR Mark 2B Inter-City Open Coach.



305335 BR Mark 1 Inter-City Corridor Brake Coach.



305303 BR Mark 2B Inter-City Corridor Brake Coach.



305341 BR Standard Gangwayed Brake Van 'Express Parcels'.



305315 BR Mark 1 Inter-City Corridor Composite Coach.



305343 BR Standard Gangwayed Brake Van.

INTER-CITY



The name Inter-City was first used in 1951 when a train was named "The Inter-City" for the Festival of Britain.

In 1963 the name was used again in an advertising campaign and the concept of presenting the Inter-City service began to take shape. In 1965 the first campaign was launched to present Inter-City on a national basis and the service now generates more than 8,400 million passenger miles per year.

The latest Inter-City coach design (the Mk III) in its famous blue/grey livery was introduced in 1975 - with improved bogies for 125 mph running, power operated internal doors, more seats without extra weight (for better economy), tinted double glazed windows, and improved sound insulation.

British Rail is the only European railway to provide air-conditioned coaches as standard (on its Inter-City service) without extra charge to the passenger.



LONDON MIDLAND & SCOTTISH



Biggest of the new companies in 1923, the LMS served the Midlands, North West and much of Scotland with 7,800 miles of track. It led the way in the mass production of rolling stock. Designers David Clayton, David Bain and C.A. Park gave LMS its great reputation for superb carriage design, smooth riding and extreme comfort.

After nationalisation, B.R. continued to run their coaching stock in the L.M.S. maroon colours, and their new Mk 1 Coaches had all the charm and distinction of the earlier stock. Lima's Coaches faithfully re-create these liveries and are beautifully lined out, including authentic Straw-Black-Straw waist lining.



HOW TO MAKE UP AN AUTHENTIC LMS TRAIN:

205119MG	305332	305312	305312	305312	305332
205121MG	305332	305312	305342	305312	305332
205105MG	305332	305312	305323	305312	305332



305312 BR Mark 1 Corridor Composite Coach. LMS Maroon Livery.



305332 BR Mark 1 Corridor Brake Coach. LMS Maroon Livery.



305323 Mark 1 Dining Car. LMS Maroon Livery.



305342 Standard Gangwayed Brake Van. LMS Maroon Livery.



305311 Mark 1 Corridor Composite Coach. Crimson and Cream Livery.



305331 BR Mark 1 Corridor Brake Coach. Crimson and Cream Livery.



305325 BR Mark 1 Restaurant Car.



305344 BR Standard Gangwayed Brake Van. Crimson and Cream Livery.

EARLY BRITISH RAIL

On January 1st 1948 nationalisation came, and British Railways was born.

The new structure was divided into six regions. The Southern and Western regions being the old Southern Railway and the Great Western Railways; the London Midland Region corresponded to the LMS in England; the Eastern and North Eastern Regions ran on the former LNER lines in England; and the Scottish Region took over the LMS and LNER lines in Scotland.

The BR Mark I passenger coaches appeared in 1951. Livery was in Crimson and Cream - popularly known as 'Blood and Custard'. Later, the prototype XP64 became the basis for the Mark II designs with modern seating and improved bogies to provide more comfortable riding.

Possibly the most attractive of all passenger stock liveries, these B.R. Mk I Coaches are prime examples of Lima's ability to reproduce the old paint colours and intricate lining details.

HOW TO MAKE UP AN AUTHENTIC EARLY BR TRAIN:



SOUTHERN REGION



The Southern Region was the most enterprising of the new companies. It was formed by joining the London and South Western, London, Brighton and South Coast, and South Eastern and Chatham railways.

At nationalisation the Southern boasted a modern fleet of carriages from the design of Surrey Warner.

Lima's Collection of 1950's Mk I Coaches are ideal for the modern image modeller.



HOW TO MAKE UP AN AUTHENTIC SOUTHERN REGION TRAIN:



305314 SR Mark 1 Corridor Composite Coach.



305334 SR Mark 1 Corridor Brake Coach.



305324 SR Mark 1 Restaurant Car.



305348 SR Standard Gangwayed Brake Van.

C.I.E. IRISH RAILWAY



305306 MK2 Open coach Bre-Metro



305346 MK1 Corridor Brake coach



305307 MK2 Corridor Brake Coach Bre-Metro



305347 MK1 Corridor Brake Coach

OO SCALE FREIGHT STOCK



305612 'Black Park Colliery' 7 plank wagon. **NEW**



305632 'P.W. Spencer' 7 plank wagon.



305614 'Barrow Barnsley' 7 plank wagon. **NEW**



305633 'Pinxton Collieries' 7 plank wagon.



305631 'J.K. Harrison' 7 plank wagon.



305634 'Buxton Gas Dept' 7 plank wagon.



305601 'Typhoo Tea' 20 ton box van.



305608 'Castrol GTX' 20 ton box van. **NEW**



305625 GWR 2 axle horse box.



305628 2 Axle Horse Box SR Livery.



305626 2 Axle Horse Box LMS Livery.



302805 'Blue Circle' twin tank cement wagon.



305637 50 Ton stone hopper wagon B.R.



305635 50 Ton stone hopper wagon 'Yeoman'.



302908 'Esso B.R.T.' bogie tank wagon.



302913 'Amoco' bogie tank wagon.



305636 50 Ton stone hopper wagon 'A.R.C. Roadstone'.



305638 50 ton 'Tilcon' stone hopper wagon.

NEW



302911 'Milk' bogie tank wagon.



302909 'Total Oil' bogie tank wagon.



302715 'BP' tank wagon.



302717 'Mobil P. Gas' tank wagon.



305620 BR 20 ton brake van.



305621 LNER 20 ton brake van.



303203 Wagon at sliding doors SUNDRIES



305606 Covered wagon CIE



303173 'National Coal Board' mineral wagon.



303175 BR Long Wheelbase mineral wagon.



305617 Open Wagon CIE



305622 Brake wagon CIE



302870 40 container wagon 'A.C.L.'.



302871 'Freightliners Ltd.' container wagon.



305609 Box van CADET

NEW



303545 'Heinz' closed wagon.



305630 Bogie bolster wagon Bobel "B" steel load.



305351 GWR Bogie parcel van 'Siphon G'.



305352 GWR Bogie parcel van 'Siphon G' Palethorpes Sausages.



302822 'Watneys' triple cask beer wagon.



305355 CCT parcels wagon 'Tartan Arrow'.



305353 GWR Bogie Parcel Van 'Siphon G' BR Livery.



305354 GWR Bogie parcel van 'Siphon G' 'Enparts.'



305356 CCT parcels wagon 'Rail Blue Livery'.



305357 CCT parcels wagon 'Early BR Livery'.



305641 GWR 3 axle Milk tank wagon 'St. Ivel'.



305642 GWR 3 axle Milk tank wagon 'I.M.S.'



309057 'British Leyland' car carrier.



309053 'Motorail' car carrier.



305643 GWR 3 axle Milk tank wagon 'Express Dairies'.



305358 LMS GUV bogie parcels van, maroon.



309068 Multiple wagon with 'GEC' transformer load.



309067 'British Steel Corporation' foundry wagon.



305359 LMS GUV bogie parcels van. BR Crimson/Cream.



305360 LMS GUV bogie parcels van. BR Blue.



303204 BR Rail freight van with 4 doors.



302892 'NCB' coal-hopper wagon.



305603 20 ton box van. 'Lucas Batteries'.



305607 20 ton box van. 'Birds Custard Powder'.



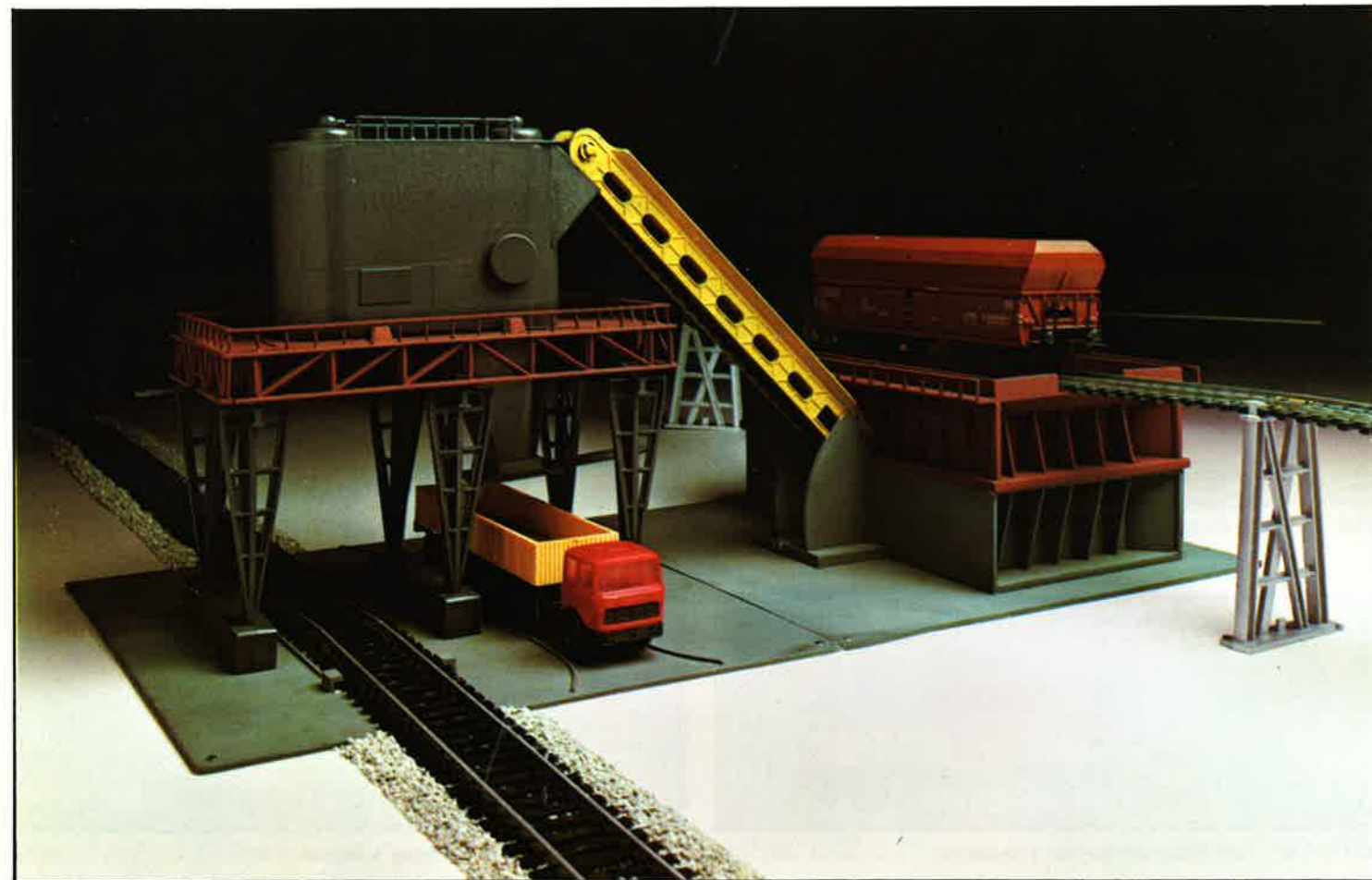
309059 35 ton breakdown crane and flat car. LNER Livery.



HO SCALE ACCESSORIES



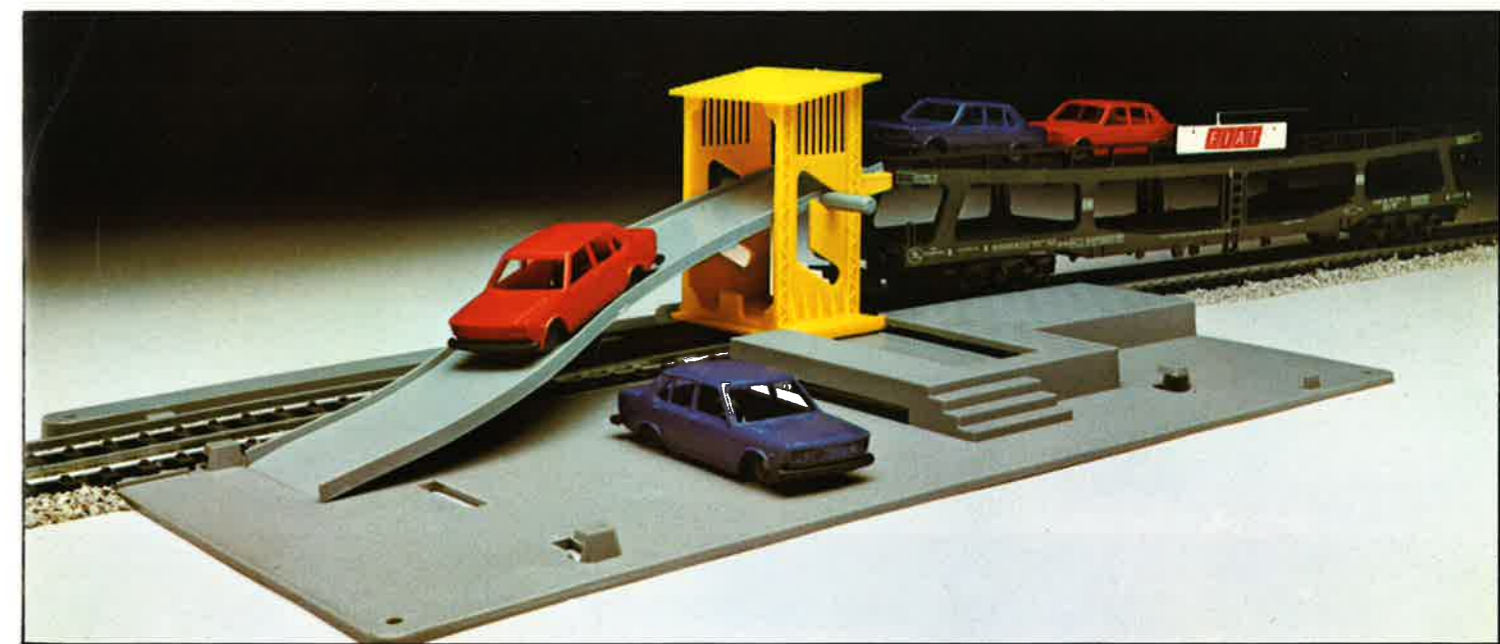
600977 Italian luggage van with automatic unloading of cases, unloading base and motor lorry.



600976 German luggage van with automatic unloading of cases, unloading base and motor lorry.



600978 French luggage van with automatic unloading of cases, unloading base and motor lorry.



600944 FIAT car transporter wagon with terminal for automatic unloading of cars.



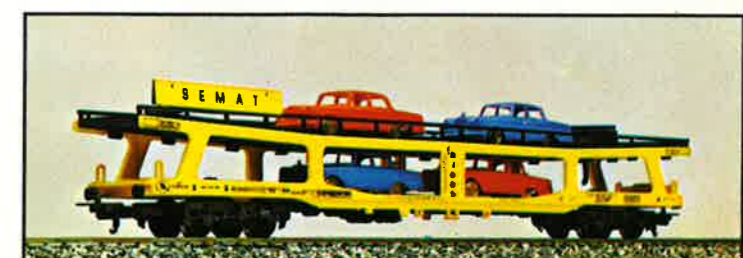
602891 German Erz III coal wagon with automatic unloading.



602893 French coal wagon Pechiney St Gobain with automatic unloading.



600940 Mercedes car transporter wagon with terminal for automatic unloading of cars.



600942 Wagon w/transport of Spanish autos SEMAT and automatic auto unloader.



600960 Gantry crane for loading and unloading, 2 containers, "SEA TRAIN" and "DUNLOP".



600961 Gantry crane for loading and unloading, 2 motor boats.



600982 NYC box car with automatic unloading of cases, complete with unloading platform.



602880 Wagon carrying pipes, with automatic unloading action, complete with unloading base.



600963 Container Terminal and Unloading Siding.

OO SCALE ACCESSORIES



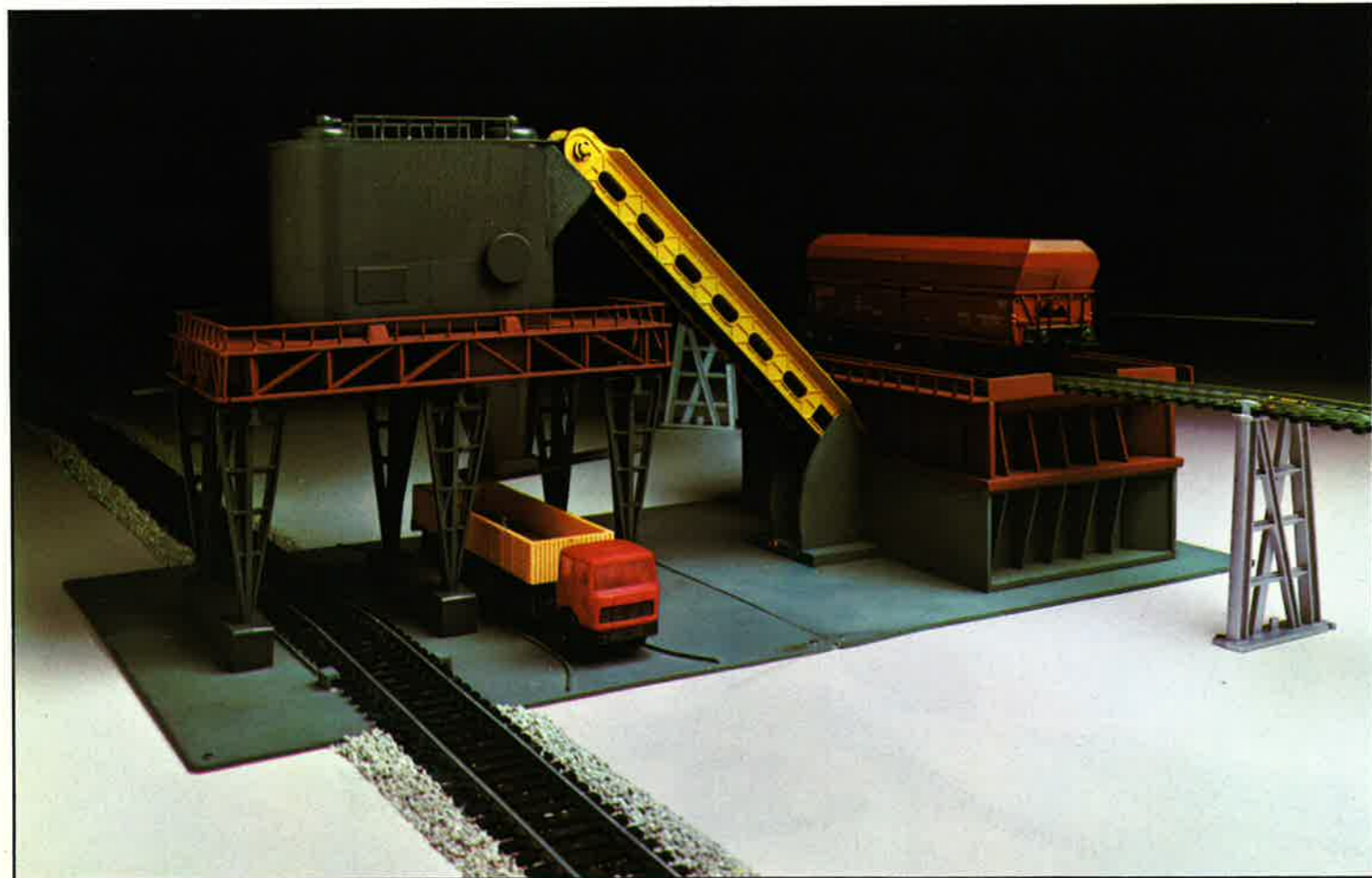
600963 Container Terminal and Unloading Siding. With special rail to siding lorry transporter, terminus and one road vehicle.



600941 Automatic Car Unloader Base. With Motorail car carrier and four cars.



600960 Freightliner Terminal, allows transfer of container road vehicles to and from special rail transporter.



602892 Operating Coal Depot transfers coal between NCB Hopper Wagon, storage sites and two road vehicles.

NEW

HO-OO SCALE ACCESSORIES



BRIDGES

One of the biggest problems facing railway modellers is the lack of space. One answer is build up another layout some 8-10 cm above the first — but it is important to remember that a locomotive can only climb certain gradients. If the incline is too steep the driving wheels will spin and the locomotive may stop, unable to reach the top.

As a general rule, if the gradient is of 3% the ramp must not exceed 3 cm of track per metre. Thus in this case, for the ramp to give a height of 9 cm the gradient must be spread along 3 metres of track.

Where short trains are used a steeper incline is possible — up to 4.5% - giving a gradient spread along 2 metres of track where a height of 9 cm is desired. Lima supply three basic sets of ramps: (see also page 33).

BANKED BRIDGE IN A CURVED STRETCH

If you have a small circle of track with 720 mm diameter, you can use bridge 600055 and the respective trestles to build up a viaduct with a banked stretch.

BANKED BRIDGE IN A STRAIGHT STRETCH

You can transform a small circle into an "oval" by adding a straight piece of viaduct and two straight pieces of track (item 403020).

BRIDGE FOR A FIGURE 8 BANKED CIRCUIT

Using a 600911 you can construct a figure "8" circuit passing over the track by means of a straight piece of viaduct (item 403020) and nine trestles of increasing height for each one of the two ramps.

CENTRAL POINT OF THE FIGURE "8"

The height measurements refer to the point where one track passes over the other. A gap of 65 mm is necessary to allow trains to run on the lower track.

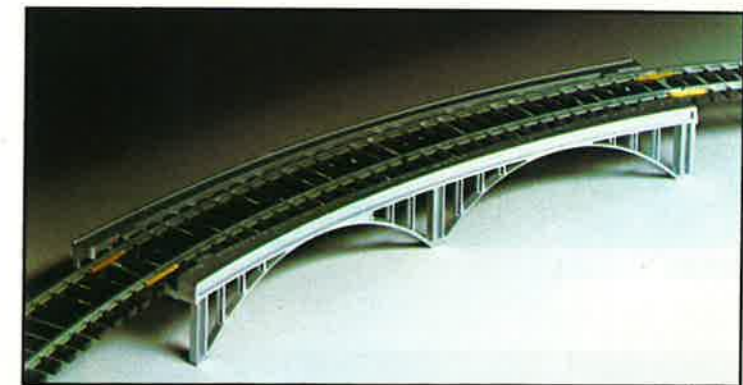
GRADUAL INCLINE

Use item 600911. Every Lima locomotive can climb such an incline, even when loaded with a normal complement of wagons or coaches.

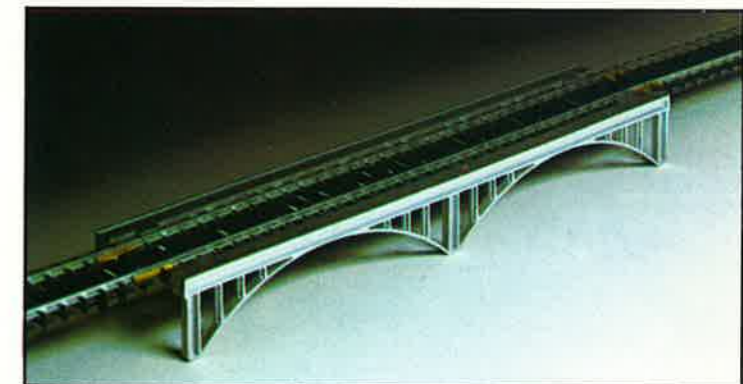
The bridge in item 600055 gives a track height of 2.8 cm maximum. The circle can be enlarged by adding two or more sections of straight track (item 403020).

The bridges and piers of item 600911 give a track height of 8.6 cm and allows a train to pass under the top tracks. There are nine piers for each ramp, limiting the gradient to 4%.

Please note that if you are using an electric locomotive with a pantograph, the pantograph must be lowered to avoid collision with bridge.



600055 Banked Bridge in a Curved Stretch.



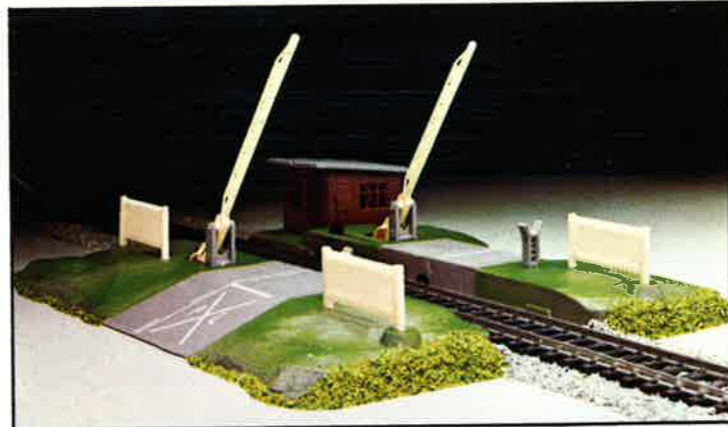
600057 Banked Bridge in a Straight Stretch.



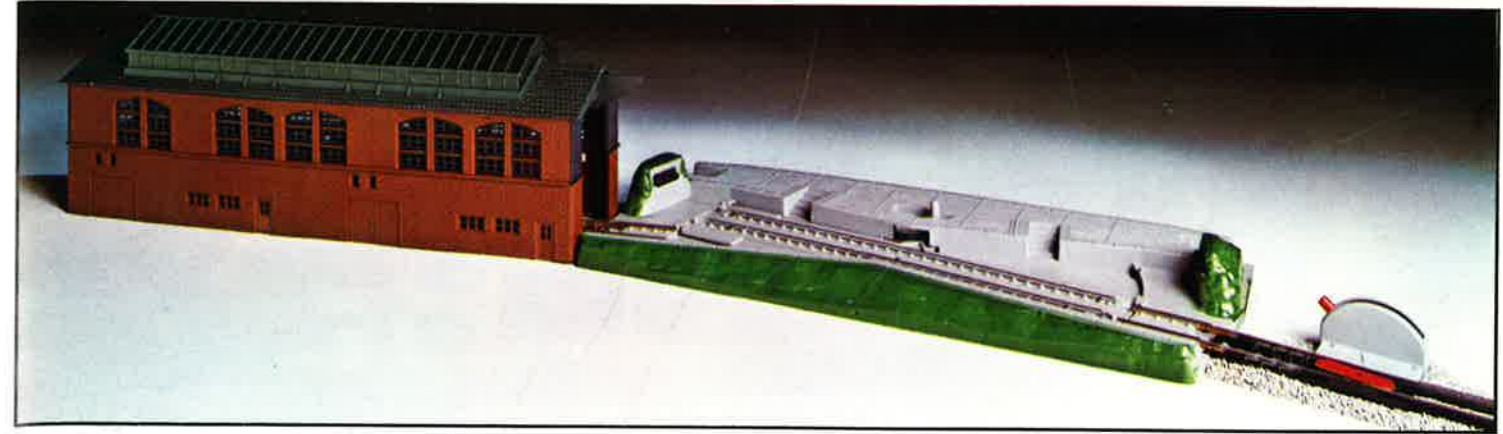
600911 Bridge for a Fig. 8 Banked Circuit.



602080 Tunnel.



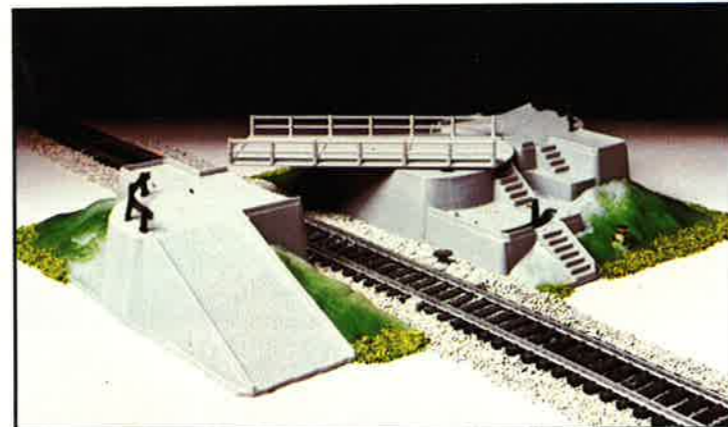
600021 Automatic level crossing.



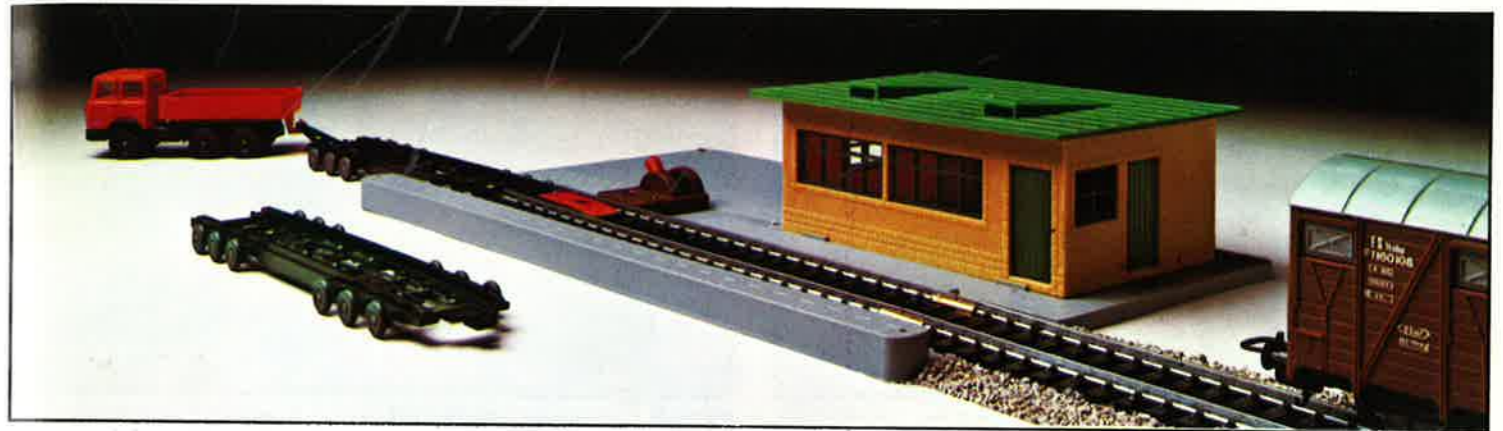
600952 Engine Shed.



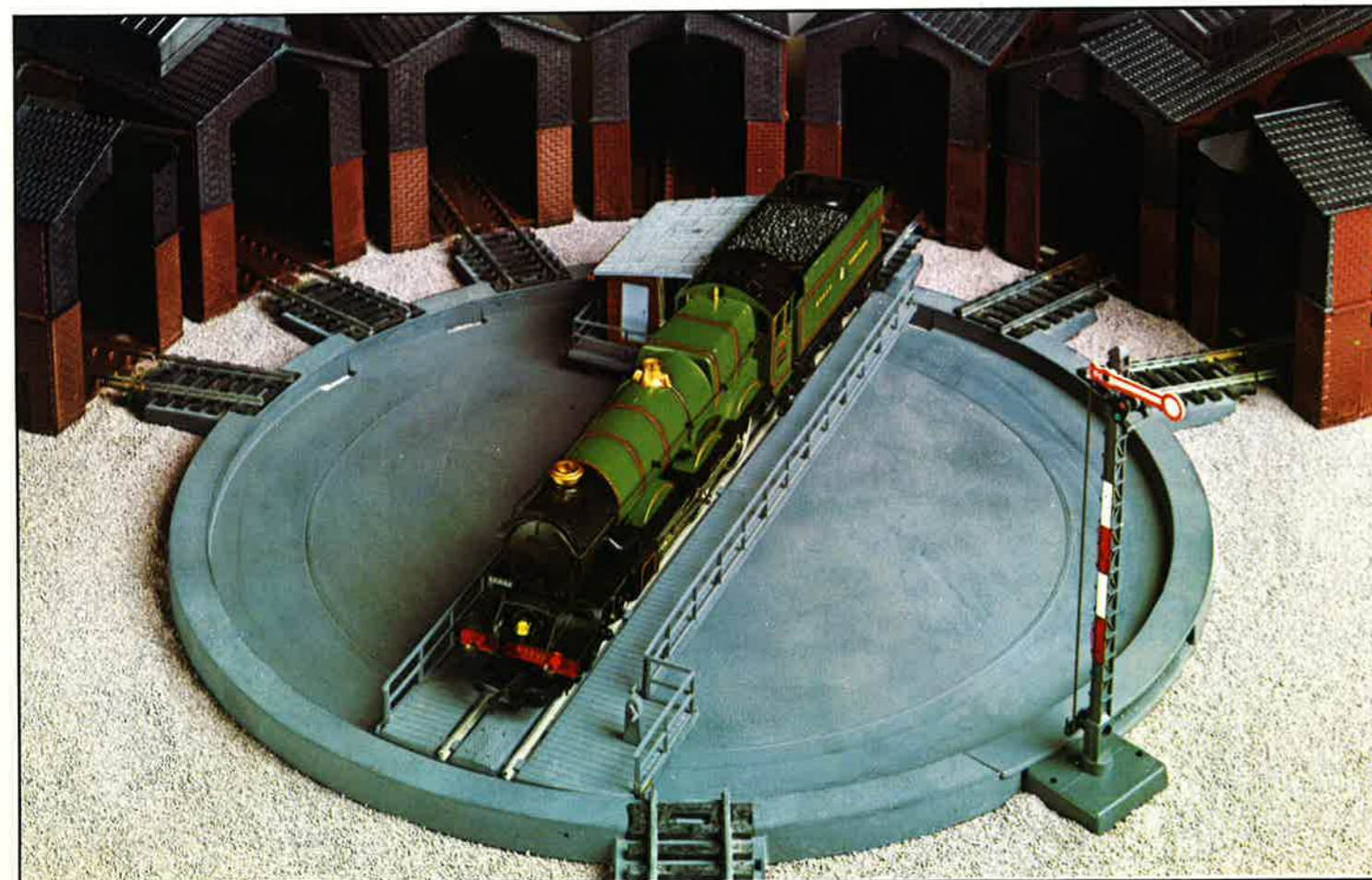
602081 Tunnel kit.



600052 Mechanical Swing Bridge with autom. Train Stop.

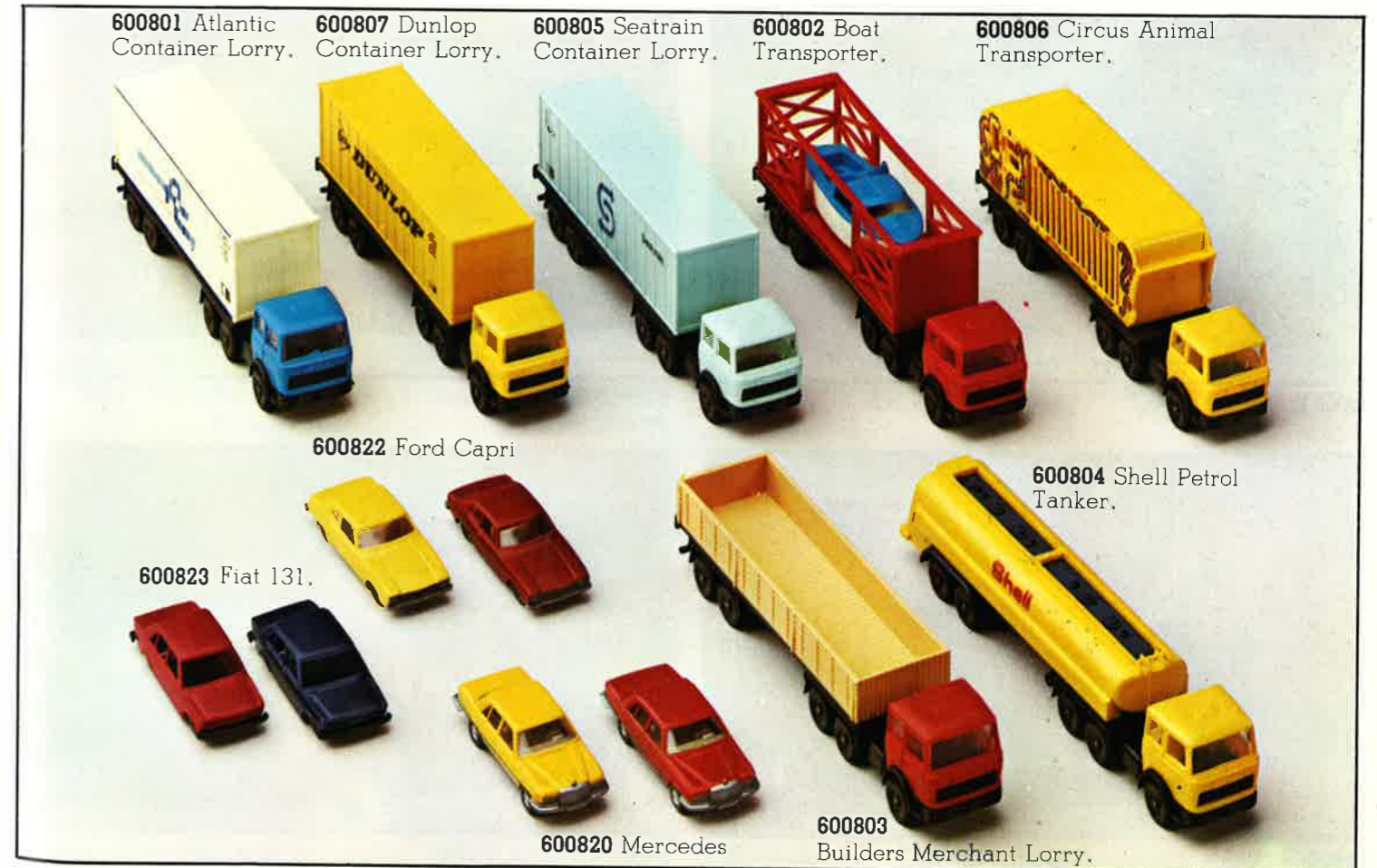


600970 Rolling Stock Road Transporter.



600954 Turntable.

NEW



600801 Atlantic Container Lorry, 600807 Dunlop Container Lorry, 600805 Seatrain Container Lorry, 600802 Boat Transporter, 600806 Circus Animal Transporter.

600822 Ford Capri

600823 Fiat 131.

600820 Mercedes

600803 Builders Merchant Lorry.

600804 Shell Petrol Tanker.



600951 Automatic Drive-Through Coach Wash.



600830

600831

600832

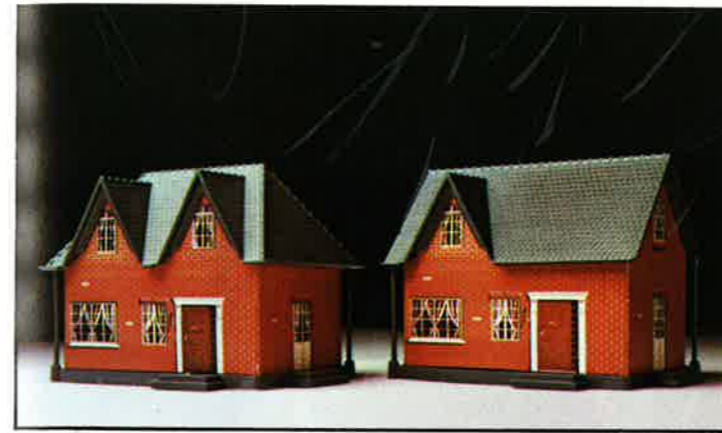


600990 Container unloading crane lorry.

NEW

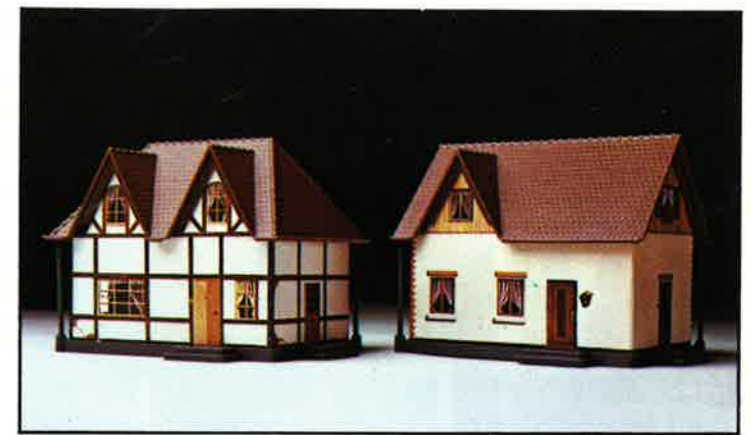


600034 Station.



600048 British house w/double dormer window.

600050 British house.



600049 House w/double dormer window.

600051 House.



600037 Water tower.

600032 Signal box.



600068 Barclay's Bank provincial office.

600067 Detached Tudor style house.



600041 Freight depot.



600043 Country cottage.



600069 "The King's Head" public house.



600070 Village Stores.



600042 Small house with garage.



600044 Bungalow.



600955 Engine shed.



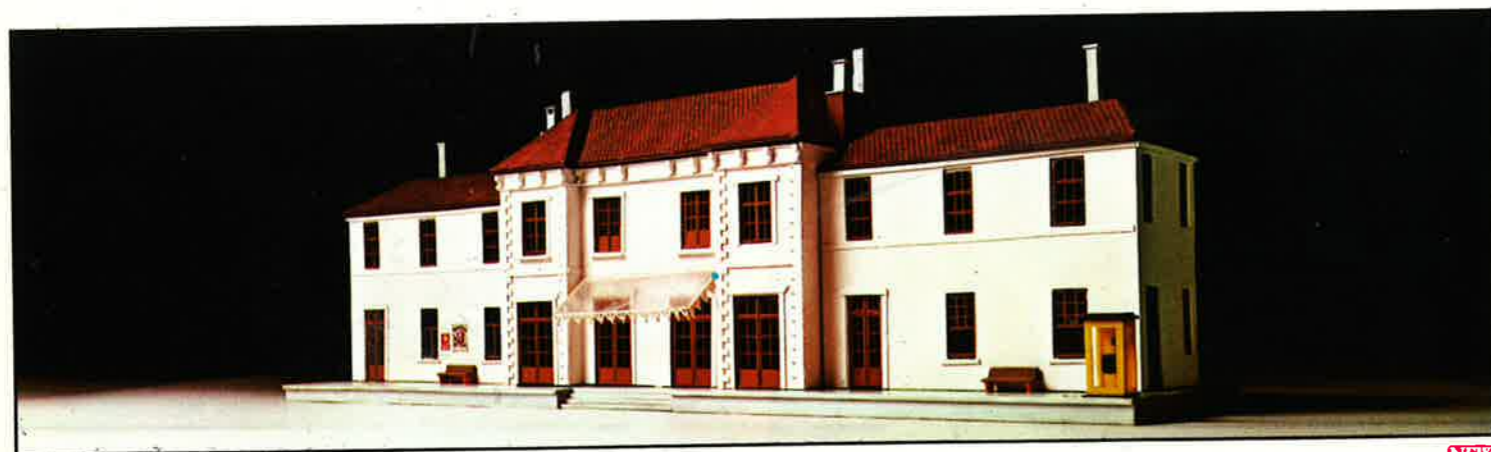
600045 Station.



602071 Station roof.



600031 Station roof.



600033 Station.

SIGNALS



600035 LMS/BR Upper Quadrant Signal, Home + Home/Distant.



600036 LMS/BR Upper Quadrant Junction + Signal.



600026 Lamp with single arm.



600027 Lamp with two arms.



600022 Red and green light signal with control switch 3067.



600023 4-light signal with control.



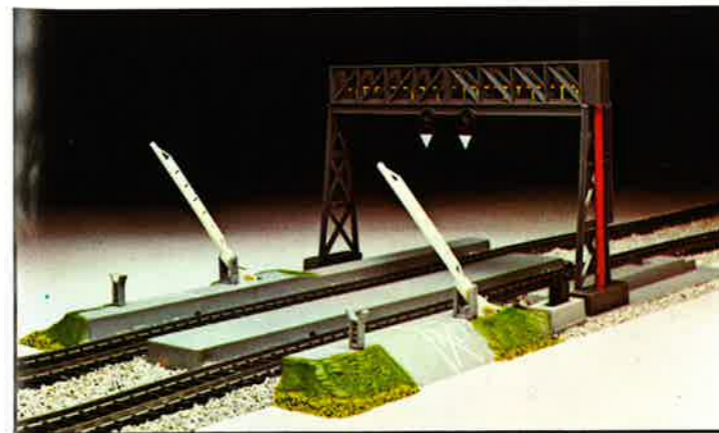
600028 Single arm 2-position signal.



600029 2-light signal with control switch 3067.



600030 Warning signal with control switch 3067.



600025 Double signal on gantry with automatic level crossing. The train stops when the red signal is showing. The barriers are lowered when the train is passing.



600046 Station with red and green light signal. At the red signal the train stops at the station.

CONTROL PANEL



600910 Automatic Point Control Panel.

600906 Individual point control unit.

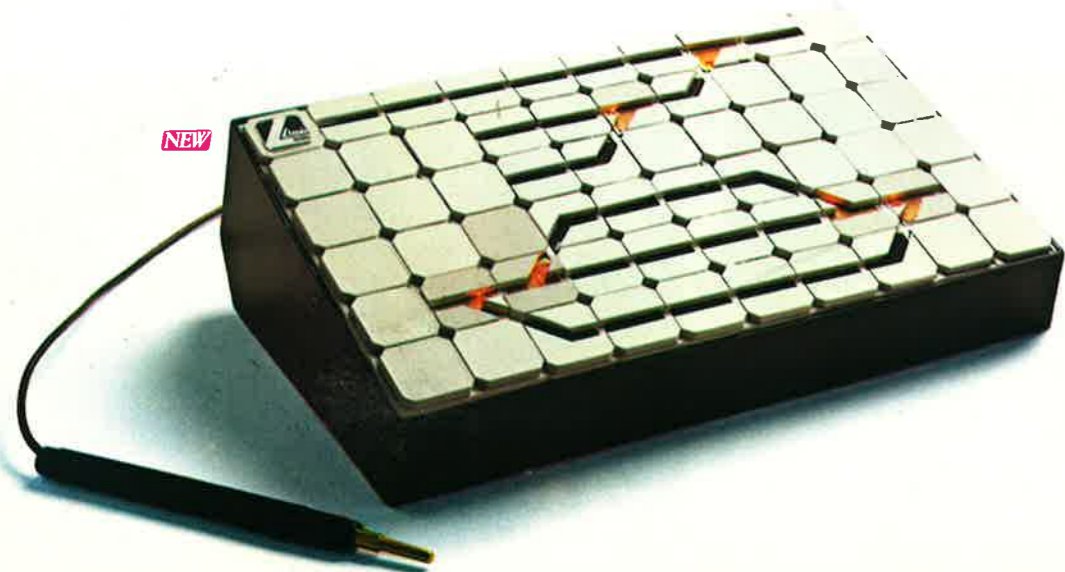
600908 Panel track sections.

Lima's new multiple point control panel allows fast automatic point operation and is designed from the actual system used by real railways.

The control panel has changeable sections which allow the reproduction in miniature of the main track sections of the layout then using a special electronic pointer the train can be guided along the chosen section of tracks.

600909 Electronic integrated circuit automatic point control panel with LED light system.

600907 Individual point control unit with LED light.



POWER CONTROLLERS

The transformer is basically a piece of equipment which takes current from the mains and converts it to the appropriate voltage, A.C. or D.C., to feed the various locomotives and accessories of a model railway system.

Lima manufacture a whole range of power units, for a whole range of different applications. Each one protected from any possible short-circuit or overload by means of fuses or automatic cut-outs, giving complete safety of operation.



600879 Adapter plug to convert from European style to American plug.



503065 Push-button control box.



500012 Battery box for 6 1.5V batteries in series. Output 9V.



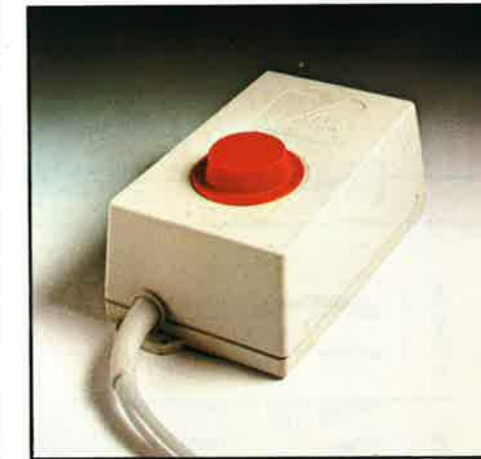
503066 Junction box.



502055 Transformer for electromagnetic devices. Input 220V. 50 Hz AC. Output 14V AC. Power 7VA.



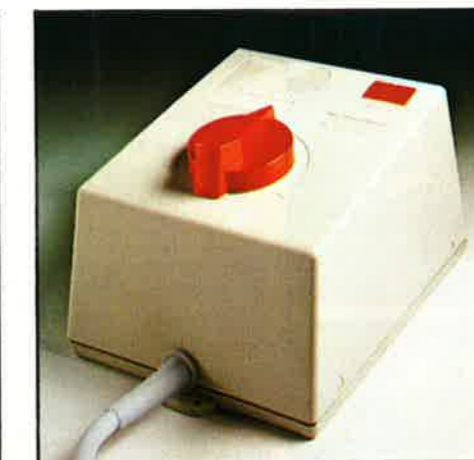
502056 Transformer for 2 trains. Input 220V. Output 0-12V DC or 0.5A.



502057 Transformer for 2 trains, points and electrical accessories. Input 220 V. DC Output 0-12V at 0.7A. AC output 14V at 0.5A. Protected against short circuits by thermal cutout.



502058 Transformer for 2 trains, points and electrical accessories. Input 220 V. DC Output 0-14V at 0.8VA. AC output 14V at 0.5A. Protected against short circuits by thermal cutout.



502059 Transformer for several trains, points and accessories. 220V input. DC output 0-15 at 2A. AC output 14 V at 1.2A. Protected against short circuits by thermal cutout.



502060 Transformer for two trains, points and electric accessories. Power 220 V; 50-60 Hz. The tension is controlled electronically for an output in direct current from 0-12 V = 7.5 V.A. Tension available in alternated current 14 V - 7 V.A. Protected against short-circuit and overloads at two thermal disjunctions with L.E.D. lighting.

TRACK INSTALLATION

THE LIMA TRACK SYSTEM

The track is the foundation of your model railway. It is therefore essential to ensure that the track system you install is the finest you can buy. Lima track is just that.

It has been carefully developed over the years by experts, whose painstaking research now means that the Lima track system is unique and unsurpassed by any other. You'll find the time and trouble taken at this stage of your hobby amply repaid by smooth running and increased enjoyment later.

Even the smallest layout can provide hours of enjoyment, but the development of larger and more complex layouts will give you all the excitement of running a real railway network.

There are various gauges in use for model railways. Here are the measurements of the two most important types:

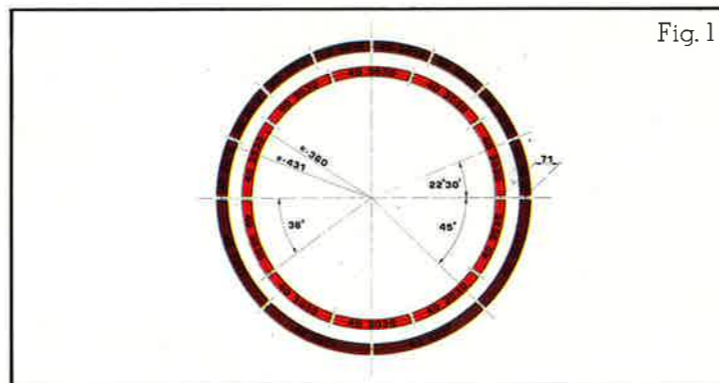
- "HO/OO" 16.5 mm
- "N" 9 mm.

In the Lima "OO/HO" system there are two types of curve with respective radius of 360mm (14 1/5 ins) and 431 mm (17 ins). To build a circle of 720 mm (28 2/5 ins) diameter 10 sections of 1st radius curves are required which have an arc of 36°. For a larger circle of 862 mm (34 ins) diameter we use 16 sections of 2nd radius curve which have an arc of 22 1/2°. Alternatively we can use 8 sections of curves with 45° arc. (Fig 1).

The elements of the Lima track system are shown in figure 2.

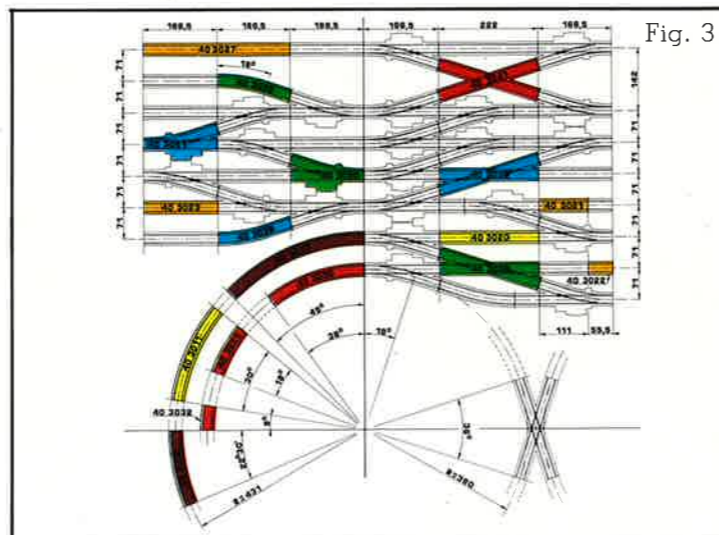
The dimensions of the tracks have been produced in

order to achieve smoother running convoys and better electrical conductivity by reducing the number of joints.



THE COMPOSITION OF THE LIMA TRACK GEOMETRY

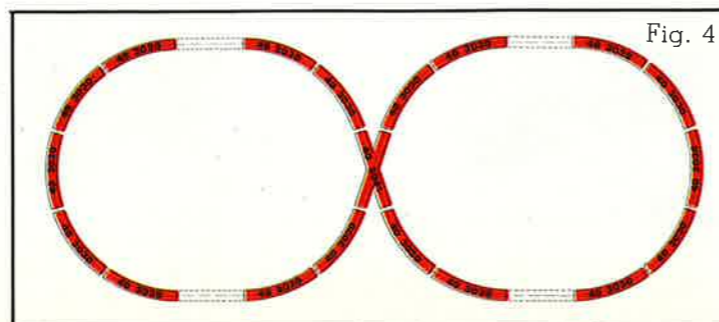
One of the main essentials to remember when installing your track is to ensure that the trains on adjoining tracks can circulate freely without touching. For example, in a Lima "OO/HO" scale system the correct distance between track centres is 71 mm (2.8 ins), maintained both in straight runs and through the curves, (Fig. 3).



CONSTRUCTING A "FIGURE 8"

When building a "figure 8" track, it is essential that the cross-over should correspond geometrically to two curves side by side. The advantage of having the circle divided in 10 parts is the ability to insert straight tracks to obtain a longer figure "8", (Fig. 4).

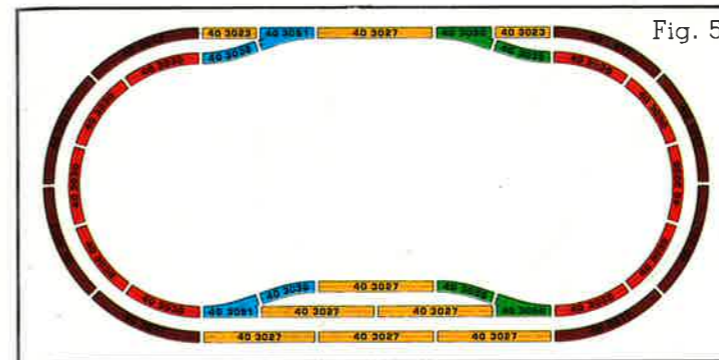
Thus in "OO/HO" scale, the "figure 8" circle illustrated would require 18 pieces of curved track (item 403030), plus a cross-over of 36° (item 403041).



CONSTRUCTING A PASSING LOOP

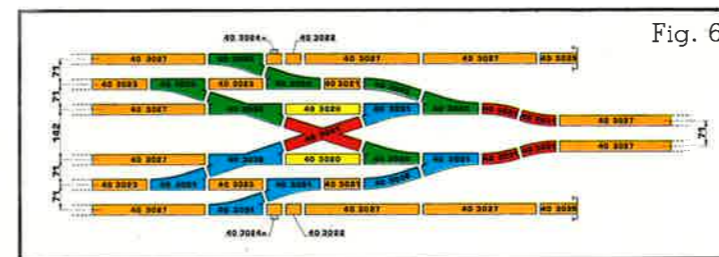
Use two points (one left hand and one right hand) with the appropriate compensating tracks to maintain the correct spacing between tracks.

The lima system becomes so geometrically perfect that the cord of arc of every curved element is exactly the same length as the corresponding straight tracks. (Fig. 5).



ADVANCED TRACK LAYOUTS

For advanced track layouts including gradients of descents, "extendable track" (item 403026) may be useful. This special track has the facility of being extended from half straight to three quarter straight length by means of a sliding section.

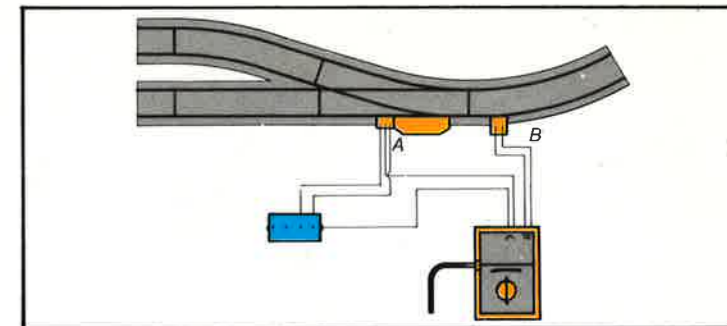


Groups of points and crossing can be used to convert two tracks main line into six tracks at the entrance to a station (see illustration Fig. 6 which shows the use of the 36° crossing ref. 403041 in conjunction with 18° crossing ref. 403038 and 403039).

In other cases, flexible track can be used to produce special curves and can be cut to size with an ordinary (fine-tooth) hack-saw.

WIRING THE LAYOUT

Wiring that runs across the top of the baseboard spoils the look of the layout and may get entangled with the trains. So always drill holes to take it underneath. Tie a



USE OF POWER UNIT

The diagram shows the correct wiring.

A = electric point operated by alternating current through control box 503065D. B = connection of the power feed to the track (direct current) through curved track 403030C.

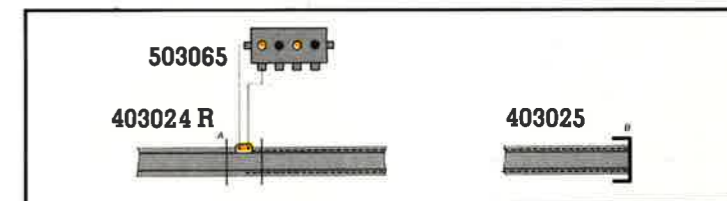
knot in the leads, just above the baseboard hole, so they cannot be pulled through accidentally.

ISOLATING SECTIONS OF TRACK

For the most realistic results, many railway modellers run more than one train on a given section of track. However, care must be taken that the various trains do not collide, and can stop at the right moment and the right place to let other trains through.

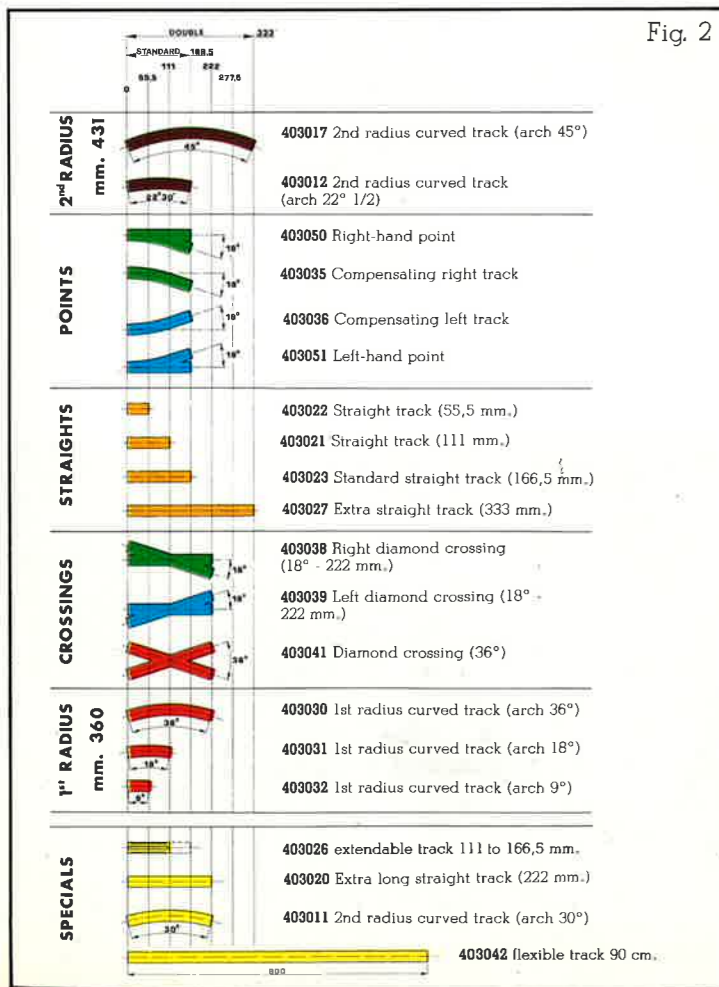
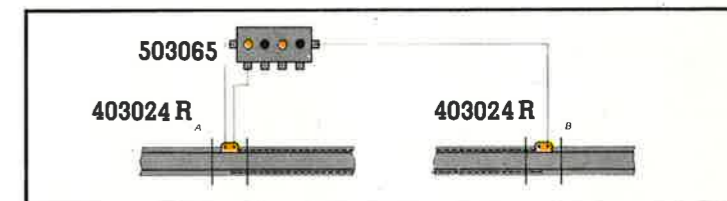
The use of an "isolated stretch of track" allows one train to be held stationary while another train is operating. This works by cutting off the electric current from the locomotive of the train it is required to hold.

The simplest way of using an "isolated stretch of track" is to install a siding, ending with a set of buffers.



ISOLATING TRACK

From A to B in the marked section power to the track is cut off unless the left-hand button on the control box 503065 is pushed.



LIMA G MOTOR

The most important item in any railway system is the locomotive because it contains the power to haul big payloads efficiently.

Every Lima loco is powered by the Lima G Motor which runs between 4 and 12 volts dc from either the battery power speed controller (which in supplied is some



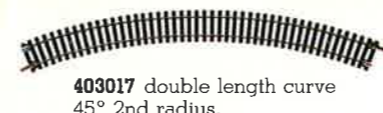
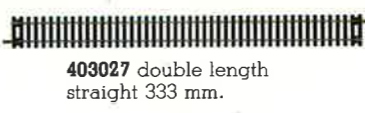


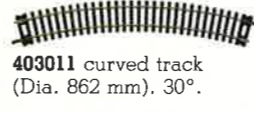
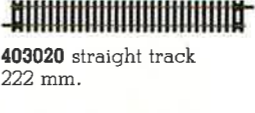

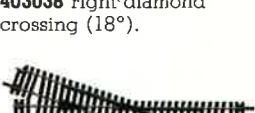
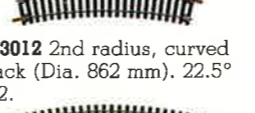

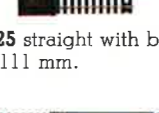
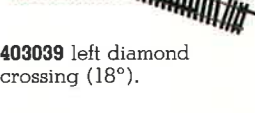
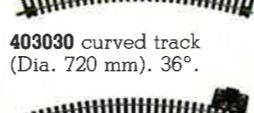

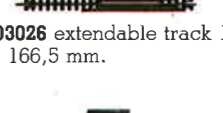



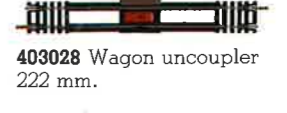

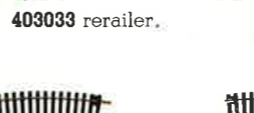


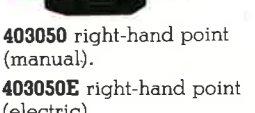
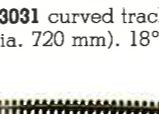
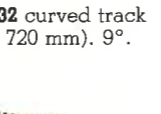
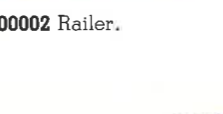


Lima train sets) or a Lima power/unit transformer, which has variable speed controls and forward/reverse action.

The Lima motor is the most recent innovation in Lima power units, which, over the years, have been continuously improved. With the Lima G a combination of a condenser and a linear resistor connected to the three collection points means more efficient noise reduction, TV and radio suppression, and longer life.

The motor, because the gears are made from self lubricating plastic, do not require any oil.

TRACK

 403070 6 pieces straight track (222 mm) 403020.	 403080 6 pieces curved track (diameter 720 mm) 403030. 36°.	 403086 6 pieces curved track (diameter) 862 mm. 403011 30°	 403075 1 curved track with power clip 403030C. 1 straight tracks with power clip 403024. l. 55,5 mm.
 403076 1 straight track 403020. 1 straight track with buffer stop 403025. 1 straight isolating track 403024R.	 403078 1 straight track (222 mm) 403020. 1 hand-operated uncoupler 403028.	 403033 Rerailer.	 403038 Crossing 18° right hand. 403039 Crossing 18° left hand.
 403041 Crossing 36°.	 403087 6 x 403012 curved Ø 862 mm 22°, 1/2.	 403072 6 x 403023 straight standard l. 166,5 mm.	 403050 Right hand point, hand operated. 403050E Right hand point, electrically operated.
 403051 Left hand point, hand operated. 403051E Left hand point, electrically operated.	 403048 1 x 403050, 1 x 403051, 1 x 403036, 1 x 403035. 403048E 1 x 403050E, 1 x 403051E, 1 x 403036, 1 x 403035.	 403079 2 x 403035 (right compensating track). 2 x 403036 (left compensating track).	 403074 1 x 403023C 3 x 403023
 403077 4 pieces straight track l. 55,5 mm. 403022. 2 pieces curved track Ø 720 mm. 403032 insulated fishplates 600015.	 403026 Variable length track.	 403061 6 pieces curved track 403031 Ø 720 mm. 18°	 403071 6 pieces straight track (111 mm) 403021.
 3 x 600875 Motor springs and brushes	 3 x 600877 Insulating fishplates	 3 x 600870 4 axles	 3 x 600876 24 metal rail joiners

 403017 double length curve 45° 2nd radius.	 403027 double length straight 333 mm.	 403024 straight with power clip 55,5 mm.	 403038 right diamond crossing (18°).
 403011 curved track (Dia. 862 mm). 30°.	 403020 straight track 222 mm.	 403024R straight isolating track 55,5 mm.	 403039 left diamond crossing (18°).
 403012 2nd radius, curved track (Dia. 862 mm). 22.5° 1/2.	 403023 standard straight track 166,5 mm.	 403025 straight with buffer stop 111 mm.	 403039 left diamond crossing (18°).
 403030 curved track (Dia. 720 mm). 36°.	 403023C standard straight track with power clip 166,5 mm.	 403026 extendable track 111 to 166,5 mm.	 403041 diamond crossing (36°).
 403030C curved track with power clip. 36°.	 403021 straight track 111 mm.	 403028 Wagon uncoupler 222 mm.	 403041 diamond crossing (36°).
 403033 rerailer.	 403022 straight track 55,5 mm.	 403035 compensating left track.	 403050 right-hand point (manual). 403050E right-hand point (electric).
 403031 curved track (Dia. 720 mm). 18°.	 403032 curved track (dia. 720 mm). 9°.	 600002 Railer.	 403051 left-hand point (manual). 403051E left-hand point (electric).
 403042 flexible track 90 cm.			

NICKEL SILVER TRACK

THE NEW SUPER TRACK

New Super Track - in Nickel Silver - has a number of distinct advantages over any other type of track - both in technical specification and in performance. To begin with, Nickel Silver Track achieves a degree of precision and uniformity of modelling that is just not found in other tracks. (The only reason this is possible is because in addition to nickel, a special metal alloy is also used in making the track.) It also has a very high degree of elasticity which gives it a greater resistance to stress and strain than other tracks.

New Nickel Silver Track can be purchased individually,

or in multiples in gold presentation boxes. The complete range of track is shown on the next page.

A BETTER CONDUCTOR

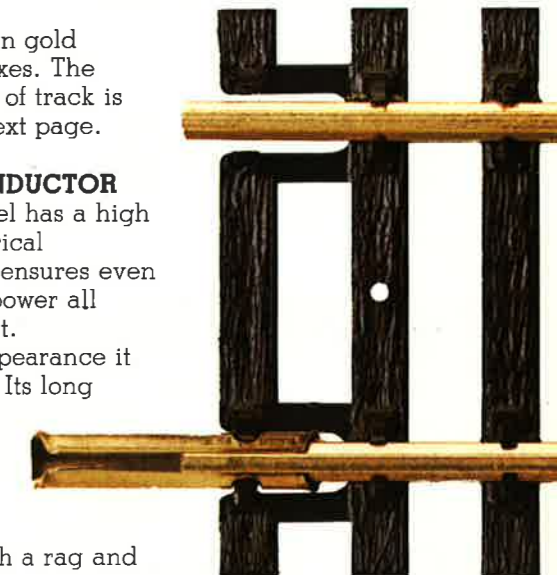
Because nickel has a high degree of electrical conductivity, it ensures even distribution of power all round the layout.

It terms of appearance it also stands out. Its long lasting bright finish adds realism to any layout - and it can be easily wiped clean with a rag and spirit.

RESISTANCE TO CORROSION

It's completely rust-proof. What's more, since its appearance and performance are impervious to damage - either by atmospheric factors or grease - you can depend on Nickel Silver Track to have a very long life.

Lima Nickel Silver Track is also available in a flexible version with a standard length of 900 mm. This type of



track, as the name suggests, can be "bent" and adapted to curves of a different radius to those available in regular track section.

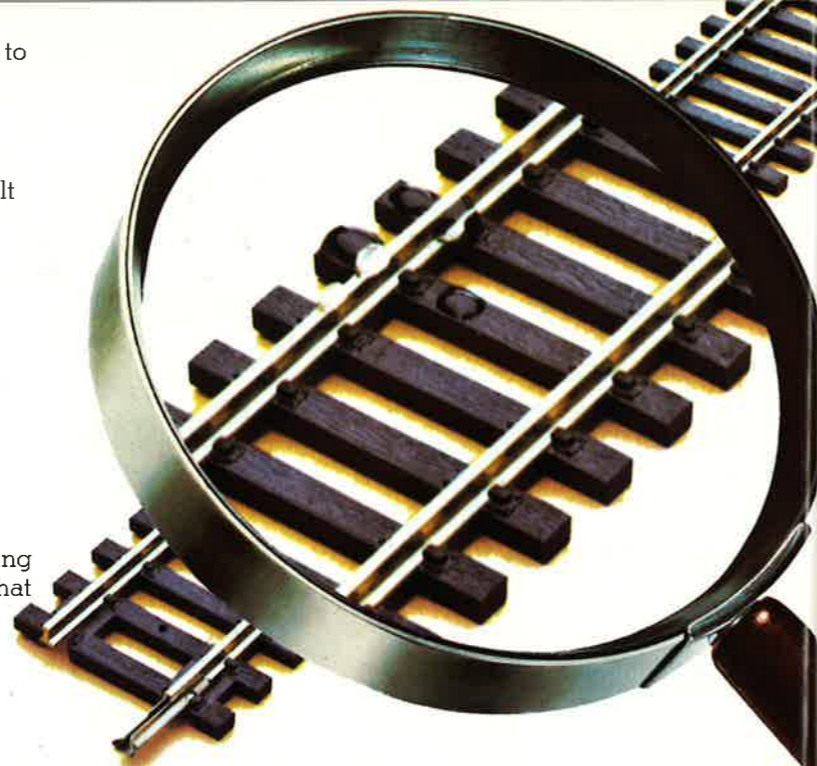
This characteristic is especially useful for the more difficult circuits, with many curves, and provides a particularly realistic effect, as well as eliminating difficult joints.

Flexible track can be adapted to any desired length simply by cutting it with an ordinary small metal saw, being careful, of course, to trim off sharp corners or pieces of waste material.

And thanks to its flexibility, this type of track can be simply shaped by hand with no need to use any special tools.

Remember however, to bear in mind the correct distance between track centres when using two or more parallel tracks. This will avoid your trains touching one another when passing.

At a time when more and more hobbyists are demanding perfection, it's good to know that here at last is a track that comes closest to it - new Super Track!



403917 double length curve 45° 2nd radius.



403927 double length straight 333 mm.



403938 right diamond crossing (18°).



403911 curved track (Dia. 862 mm). 30°.



403920 straight track 222 mm.



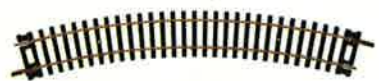
403939 left diamond crossing (18°).



403912 2nd radius, curved track (Dia. 862 mm). 22.5°, 1/2.



403923 standard straight track 166,5 mm.



403930 curved track (Dia. 720 mm). 36°.



403923C standard straight track with power clip 166,5 mm.



403930C curved track with power clip. 36°.



403921 straight track 111 mm.



403922 straight track 55,5 mm.



403941 diamond crossing (36°).



403933 rerailer.



403924 straight with power clip 55,5 mm.



403924R straight isolating track 55,5 mm.



403931 curved track (Dia. 720 mm). 18°.



403932 curved track (dia. 720 mm). 9°.



403925 straight with buffer stop 111 mm.



403950 right-hand point (manual).

403950E right-hand point (electric).



403935 compensating left track.

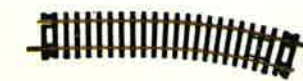


403926 extendable track 111 to 166,5 mm.



403951 left-hand point (manual).

403951E left-hand point (electric).



403936 compensating right track.



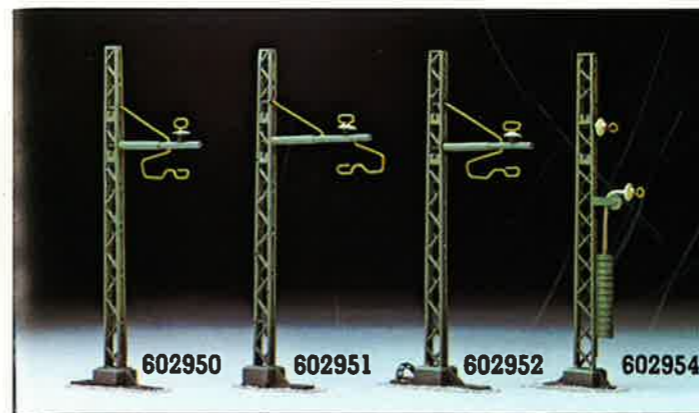
403928 Wagon uncoupler 222 mm.



403942 flexible track 90 cm.

CATENARY SYSTEM

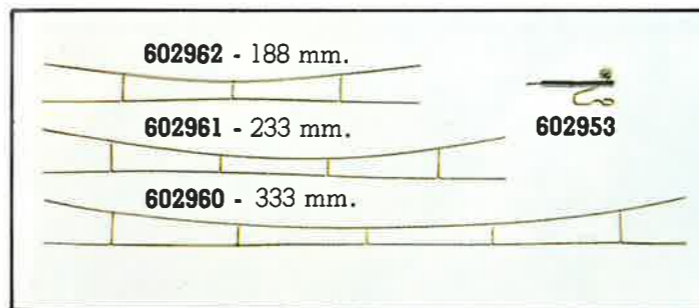
NEW



THE CATENARY AS A SCENIC ACCESSORY

The Catenary system can quickly turn an ordinary layout into an exciting system because the Catenary itself enhances the scenery and overall appearance. Many modellers like to use the Catenary system purely as a scenic accessory without the use of the electric current and this is made possible by the fact that Lima have taken great care to produce Catenary accessories and parts of supreme quality and style.

If, however, you are a modeller with some experience and wish to adapt your existing locos for use with the electrified Catenary system then you should purchase the special LIMA Pantograph adaptor kit shown opposite.



ELECTRIFICATION OF THE CATENARY

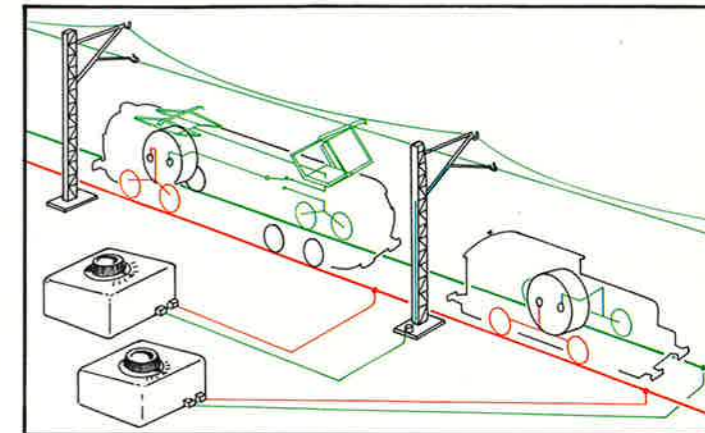
The Catenary is the system used to support overhead wires with carry one pole of the electric current to the locomotive (the other pole being supplied through the track) and which can add an exciting new dimension to your model railway. The overhead wires are supported by a series of insulated posts along the sides of the track and the current passes from the overhead wires to the locomotive through a 'Pantograph' which is housed on top of the locomotive.



When two locos are used on the same track, one of the locos, fitted with a Pantograph can collect its current from one rail and the overhead wires, whilst the other loco will collect its current from the track.

The Lima conductor wire connected to the Catenary is made from copper-covered steel, and the Catenary supports are specially produced to fit with each type of track unit, straight, curved, short or long.

Lima produce 4 different types of Catenary support post
602950 - with short support brackets
602951 - with long support brackets
602952 - with electrical terminals
602953 - variable length support bracket
602954 - main catenary support.



All the posts must be arranged on the same side of the track and if, for example they are located on the outside of the track they must be of the short support type in order to maintain a taut overhead wire.

In Figs. A and B we illustrate the use of the Catenary at points and crossings, and the use of various posts through a long stretch of track and curves which include points and crossings.

ELECTRIFICATION OF YOUR LOCOMOTIVE

If you wish to convert your existing Lima locomotive to operate with the Catenary under electric current you may purchase the special Lima Pantograph adaptor kit. There are three different types of Pantograph available as follows:-



602975

602976

602977



Each kit contains a switch, the necessary cable, the Pantograph and a detailed instruction leaflet. Great care should be taken to follow the instructions when altering your locomotive and fitting the Pantograph.

N SCALE LOCOMOTIVES

One of the newest developments in model railways, 'N' Scale, is especially suited to today's living conditions where space is at a premium.

Many people just don't have room for a permanent 'OO-HO' system - but a really intricate 'N' Scale layout can easily fit onto a baseboard as small as 92cm x 61cm.

Another important factor is that the modeller who wishes to be creative with his scenery can incorporate much more into an 'N' Scale layout with its facility to create a larger 'backdrop'. The gauge used for 'N' is 9mm to a scale of 2mm: 1ft.

Lima have an enviable world-wide reputation for packing both reliability and a wealth of fine detail into their 'N' Scale models. A reputation built up over many years of experience with this scale.

NEW

ITEMS MARKED "NEW" ARE UNDER REALIZATION AND NOT ALL ARE ALREADY AVAILABLE.



220201G Italian diesel locomotive Bo'-Bo' D43 - L. 89 mm.



220207G German electric locomotive E 410 - L. 108 mm.



220202G Italian electric locomotive Bo'-Bo' E 424 - L. 95 mm.



220208G German Diesel locomotive V 100. 80 mm.



220203G French Diesel loco BB 67000 series. Length 105 mm.



220209G British Diesel locomotive Class 31, A1A-A1A. 111 mm.



220204G Swiss RBe. 4/4 electric power car. 140 mm.



220210G 0-4-0 Diesel Shunter. Early BR Livery.



220205G BR Class 81 Electric Locomotive (standard rail pick-up).



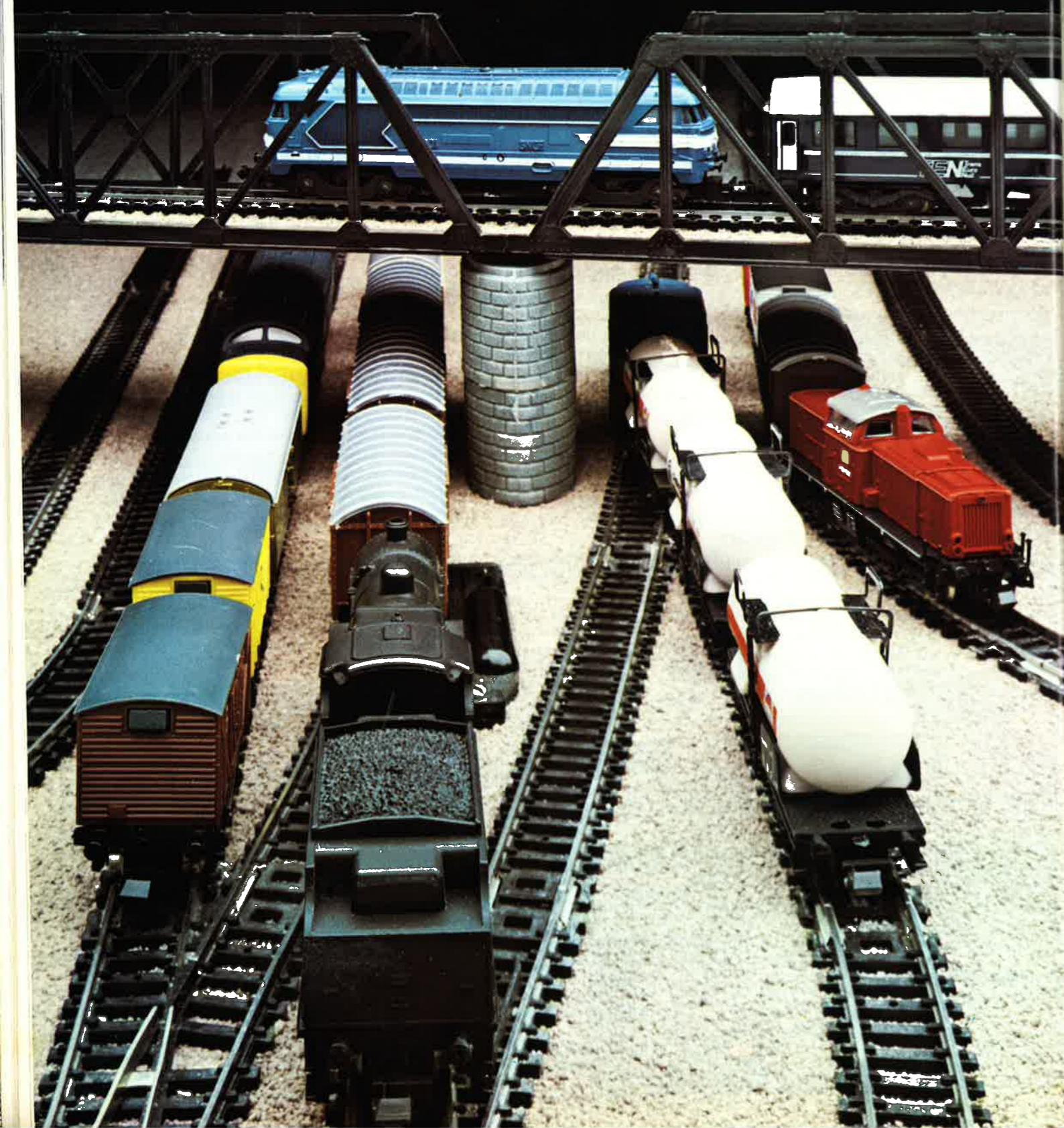
220211G 0-4-0 Diesel Shunter. BR Livery.



220206G Italian electric locomotive E 444 "La Tartaruga". Length 104 mm.



220214G Class 31 A1A-A1A Diesel Locomotive. Early BR Livery.





220290 Electric loco of the Japanese train Super Express. 131 mm.

220291G Central coach of the Japanese train Super Express. 127 mm.

220292 Coach of the Japanese train Super Express. 131 mm.



220295G German electric locomotive BR4 DB Intercity.

220296 German passenger wagon BR 403 Intercity.

220297 German passenger wagon BR 403 Intercity.

220298 Dummy loco BR 403 Intercity. **NEW**



220215G German electric locomotive BR 184 - L. 108 mm.



220221G German diesel locomotive for shunting - L. 65 mm.



220225G German electric locomotive BR 151. **NEW**



220234LG Diesel loco type F7 Santa Fé. 92 mm.



220217G BR Class 55 "Deltic" Co'-Co' Diesel Locomotive. 143 mm.



220222G German diesel locomotive for shunting - L. 65 mm.



220226G D.B. class E 410 B-B Electric Locomotive. 108 mm.



220240G 0-6-0T 94xx Class Tank Locomotive. Original GWR Livery. **NEW**



220218G Diesel locomotive RENFE. L. 111 mm.



220223G German electric locomotive BR 515. **NEW**



220229G French diesel locomotive MDT - L. 65 mm.



220241G 0-6-0T 94xx Class Tank Locomotive BR Unlined Black Livery. **NEW**



220220G German diesel locomotive BR 212 - L. 81 mm.



220224G German electric locomotive BR 151. **NEW**



220230G French diesel locomotive MDT - L. 65 mm.



220242G Class 52 'Western' Diesel Hydraulic Locomotive. Western Maroon Livery. No. D1016 "Western Gladiator". **NEW**



220243G BR Class 52 'Western' Diesel Hydraulic Locomotive. No. D1071 "Western Renown".

NEW



220253G BR Class 55 'Deltic' Co-Co Diesel Locomotive No. D9003 "Meld". Early Livery.



220244G BR Class 52 'Western' Diesel Hydraulic Locomotive No. D1003 "Western Pioneer".

NEW



220246G Australian diesel locomotive MDT for shunting - L. 65 mm.



220247G SAR Diesel shunting. 65 mm.



220248G Italian diesel locomotive MDT - L. 65 mm.



220251G German steam locomotive w/tender BR 38.

NEW



220254G 0-6-0T Class J50 Tank Locomotive. LNER Lined Apple Green Livery.

NEW



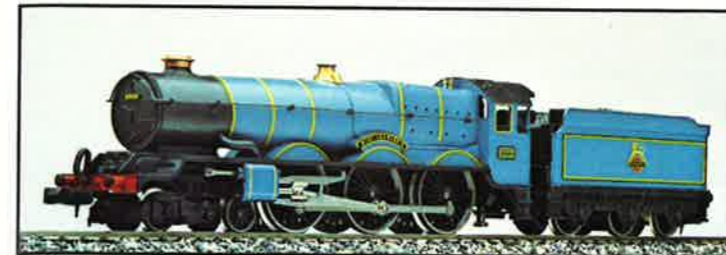
220255G 0-6-0T Class J50 Tank Locomotive. BR Unlined Black Livery.

NEW



220256G Locomotive 4-6-0 KING CLASS 6000série GWR.

NEW



220257G 4-6-0 'King' Class Express Locomotive Experimental BR Lined Blue Livery No. 6009 'King Charles II'.

NEW



220258G 0-6-0 Class 4F Tender Locomotive. Unlined Black Livery.



220259G 0-6-0 Class 4F Tender Locomotive. LMS livery. 114 mm.



220260G Australian steam locomotive w/tender - L. 112 mm.



220263LG Diesel locomotive type GP30 Santa Fé. 105 mm.



220284LG Diesel locomotive type FP45 B. & O. 135 mm.



220285LG AMTRAK diesel locomotive FP45-U.S.A. L. 135 mm.



220293G Electric locomotive Serie Re 4/4 SBB-CFF. L. 92 mm.



220294G Swiss electric locomotive Re 4/4 - L. 92 mm.



220299G Class 52 "Western" Diesel-Hydraulic Co-Co No. D1000 "Western Enterprise".

NEW

N SCALE PASSENGER



320301 1st class Italian coach type AZ. Length 138 mm.



320304 Pullman of the WL company. 138 mm.



320302 Italian postal wagon Ulz. U.I.C. - L. 138 mm.



320306 BR Composite Coach.



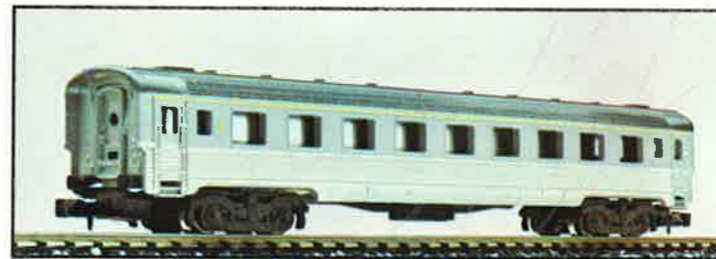
320303 Dining car of the WL company. 138 mm.



320307 BR 2nd Class Brake Coach.



320308 Swiss first class coach type A. 138 mm.



320309 French passenger wagon, 1st Class, INOX A9-AZ - L. 140 mm.



320310 2nd class coach RENFE. L. 138 mm.



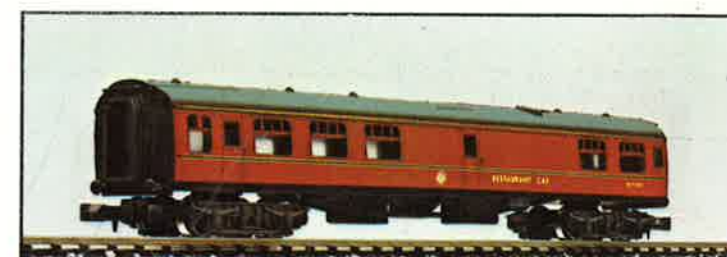
320313 BR Buffet Car.



320314 BR Composite Coach. 126 mm.



320315 BR 2nd Class Brake Coach. 126 mm.



320316 BR Buffet Car. 126 mm.



320318 Swiss 2nd class passenger coach - L. 138 mm.



320319 Swiss restaurant car. 138 mm.



320320 French passenger coach EUROFIMA - L. 138 mm.



320321 1st and 2nd class coach EUROFIMA DB. L. 138 mm.



320322 International luggage van A7D, 1st Class, S.N.C.F. - L. 138 mm.



320323 C.I.W.L.-U.I.C. sleeping coach type M - L. 138 mm.



320332 DSG sleeping car. 138 mm.



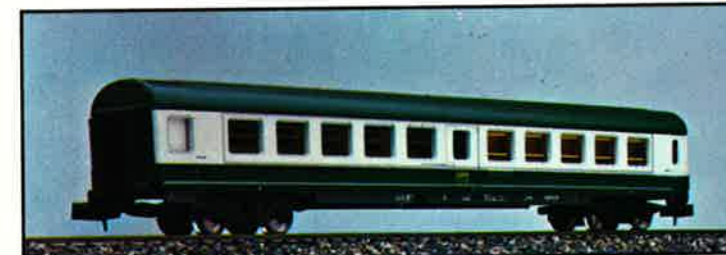
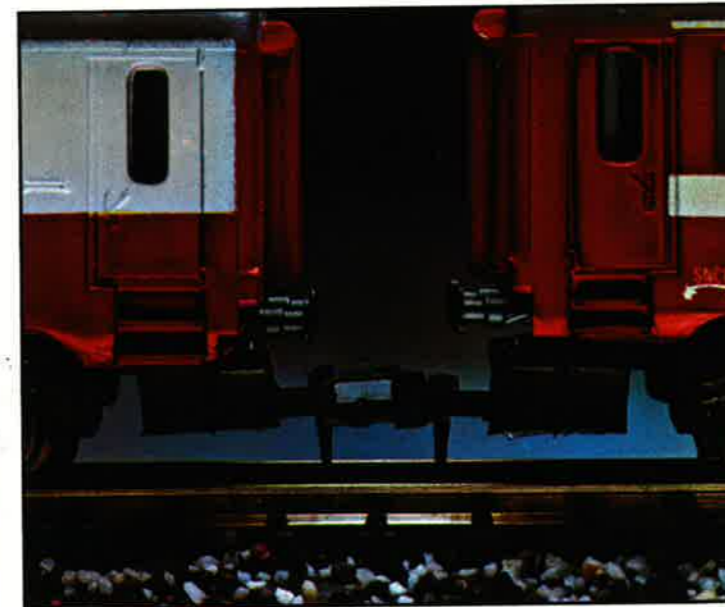
320324 French 1st class coach, in U.I.C.-A9 liveries.- L. 138 mm.



320333 C.I.W.L.-U.I.C. sleeping coach type M - L. 138 mm.



320325 1st class coach Type A 9 of the French train "Capitole". Length 138 mm.



320328 French ambulance coach.

NEW



320329 French passenger coach U.I.S.-A9 - L. 138 mm.



320335 French Restaurant car - L. 138 mm.



320330 French luggage van A7D - L. 138 mm.



320336 French coach "Gril Express". Length 138 mm.



320337 1st class Italian coach. TEE "Lemano" livery. Length 138 mm.



320350 Swedish luggage passenger coach - L. 79 mm.



320339 Dutch sleeping car TEN-T25.

NEW



320351 Swedish passenger coach, 3rd Class - L. 79 mm.



320340 German sleeping coach TEN - L. 138 mm.



320352 BR Composite Coach. SR Livery.



320341 Pennsylvania observation coach. 151 mm.



320353 BR 2nd Class Brake Coach. SR Livery.



320343 Pennsylvania coach. 151 mm.



320354 BR Buffet Car. SR Livery.



320345 Pennsylvania combined coach. 151 mm.





320357 BR Composite Coach. Early Crimson & Cream Livery.



320363 BR Restaurant Car. GWR Livery.



320390 2nd Class passenger coach ÖBB - L. 138 mm.



320850 German, 2nd Class, passenger coach type Bnb. **NEW**



320358 BR 2nd Class Brake Coach. Early Crimson & Cream Livery.



320365 Postal wagon RENFE.



320391 French coach with Movies. 138 mm.



320851 German 1st/2nd Class passenger coach type Abmb. **NEW**



320359 BR Buffet Car. Early Crimson & Cream Livery.



320366 BR Standard Gangwayed Brake Van. GWR Livery.



320392 French sleeping coach WASTEELS. **NEW**



320852 German shunting locomotive, 2nd Class. **NEW**



320360 Swiss TEN sleeping car. 138 mm.



320367 B.R. Standard Gangwayed Brake Van. 126 mm.



320393 French sleeping coach Cie "Fliche d'Or". **NEW**



320853 Passenger car for military train. 138 mm.



320361 BR Composite Coach. GWR Livery.



320368 BR Standard Gangwayed Brake Van.



320396 German shunting coach BR 815. **NEW**



320854 German 1st class passenger coach 138 mm.



320362 BR 2nd Class Brake Coach. GWR Livery.



320369 BR Standard Gangwayed Brake Van. Early Crimson & Cream Livery.



320397 Italian passenger coach EUROFIMA AB - L. 138 mm.



320856 German 1st class passenger coach 138 mm.



320858 German sleeping coach, 2nd Class, TOUROPA.



320873 German restaurant coach TEE "Rheingold" **NEW**
L. 138 mm.



320859 German 2nd Class coach "SCHARNOW-REISEN".



320874 German 1st class international coach TEE - **NEW**
L. 138 mm.



320861 German 2nd Class passenger coach.



320875 German 2nd Class international coach TEE **NEW**
L. 138 mm.



320866 German baggage car BDüm. L. 138 mm.



320876 German restaurant red coach Type WRümh - **NEW**
L. 138 mm.



320871 German compartmented coach TEE "Rheingold" - **NEW**
L. 138 mm.



320877 Restaurant car, red-beige Type WRümh - **NEW**
L. 138 mm.



320872 German saloon coach TEE "Rheingold" - **NEW**
L. 138 mm.



320878 German 2nd Class composite coach type BDüm - **NEW**
L. 138 mm.

N SCALE FREIGHT STOCK



320401 2 axle Italian covered wagon. Length 65 mm.



320404 2 axle Italian open wagon. Length 65 mm.



320402 German closed wagon 297 - L. 87 mm. **NEW**



320405 BR 20 Ton Brake Van. 56 mm.



320403 German open wagon. 65 mm.



320408 Italian freight car FIAT - L. 65 mm.



320409 2 axle wagon "GULLFIBER".



320452 "Shell" Tank Wagon. 65 mm.



320460 Closed wagon SERNAM - L. 65 mm.



320469 German refrigerator van "SPATEN-BRÄU" L. 70 mm.



320410 GWR Brake Van. Long wheelbase version.



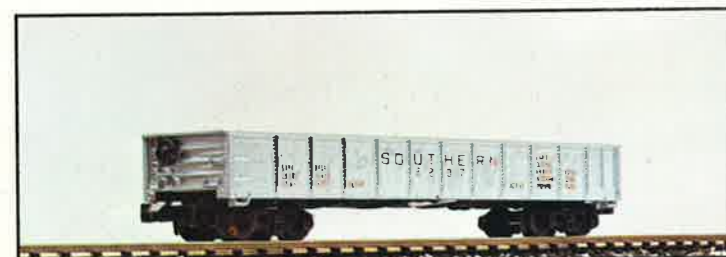
320453 Tank wagon ARAL - L. 65 mm.



320461 Closed wagon OVOMALTINE - L. 65 mm.



320470 Swiss refrigerator van "FELDSCHLOSSEN BIER"



320418 Gondola "Southern". 90 mm.



320454 'BP' tank wagon.



320464 Interfrigo refrigerator car. 70 mm.



320471 Refrigerator van TUBORG - L. 70 mm.



320427 Closed wagon "Stock" type, 50'. 90 mm.



320456 Tank wagon "OMV" - L. 65 mm.



320465 Refrigerator van STEF L. 60 mm.



320472 Refrigerator van EVIAN - L. 70 mm.



320431 Stock car Canadian Pacific.



320458 Postal wagon type 2 - L. 65 mm.



320467 Danish wagon CARLSBERG - L. 70 mm.



320473 Swiss refrigerator van "ORANGINA/VIVI COLA" - L. 75 mm.



320451 ESSO tank wagon. 65 mm.



320459 Closed wagon HENNIEZ - L. 65 mm.



320468 Covered wagon "LEDERER-BRÄU" - L. 70 mm.



320474 "Schweppes" Refrigerator Van. 70 mm.



320479 "Coca Cola" Refrigerator Van. 70 mm.



320486 Flat car w/containers "HAPAG/LLOYD - RENFE -D.B.". Lenght 120 mm.



320602 'Black Park' 7 plank wagon. **NEW**



320609 'Pinxton Collieries' 7 plank wagon.



320481 Italian wagon to transport automobiles SIFTA.



320487 Flat wagon w/3 containers "KUHNE & NAGEL-ACL-SEA LAND" - L. 120 mm.



320604 'Barrow Barnsley' 7 plank wagon. **NEW**



320610 'Buxton Gas Dept.' 7 plank wagon.



320482 Double bascule with load of pipes. 136 mm.



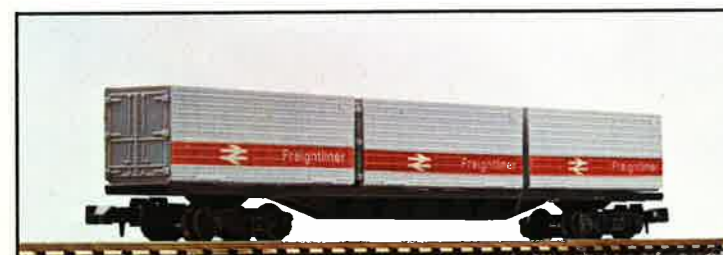
320611 'Typhoo Tea' box van.



320483 Double Bascule-car with load of planks. 136 mm.



320614 'St Ivel Dairy Products' box van.



320484 Bogie Freightliner transporter.



320488 Refrigerator van SOO LINE. **NEW**



320607 'J.K. Harrison' 7 plank wagon.



320615 GWR box van.



320485 Flat wagon w/3 containers "C.N.C.-DANZAS-LEP" - L. 120 mm.



320495 Closed wagon "Box" type, 50'. 90 mm.



320608 'P.W. Spencer' 7 plank wagon.



320616 GWR 2 Axle Horse Box.



320617 2 Axle Horse Box LMS Livery.



320630 Truck with gun.

NEW



320643 Italian open wagon EAOS.

NEW



320731 Flat car w/2 tanks "COMPAGNIE EUROPEENNE DE TRANSPORTS" - L. 56 mm.



320620 Bogie tank wagon, "Mobiloil".

NEW



320632 Open wagon for military train 65 mm.



320621 Bogie tank wagon "Shellgas".

NEW



320634 Closed wagon for military train 65 mm.



320622 'Amoco' bogie tank wagon.

NEW



320640 4 axle open wagon EAOS-DB.

NEW



320720 'London Brick' bogie wagon.



320739 'Castrol GTX' 20 ton box van.

NEW



320624 4 axle tank wagon UETIKON.

NEW



320641 4 axle open wagon EAOS-S.N.C.F.

NEW



320727 French open wagon - L. 65 mm.



320743 American Caboose Canadian National.

NEW



320625 'Milk' bogie tank wagon.

NEW



320642 Swiss open wagon EAOS.

NEW



320729 'Blue Circle' twin tank cement wagon.



320760 Flat with containers "ACL - CP Ships", 88 mm.



320763 Caboose Sante Fé - L. 74 mm.



320782 2 axle tank wagon "I.C.I. Chemicals", 65 mm.



320772 Flat car 50' GN, with motor cars. 88 mm.



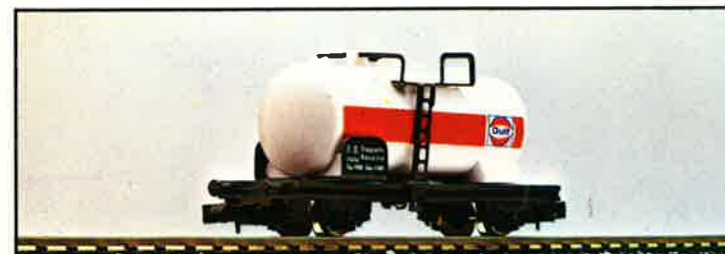
320783 Tank wagon CAMPSA.



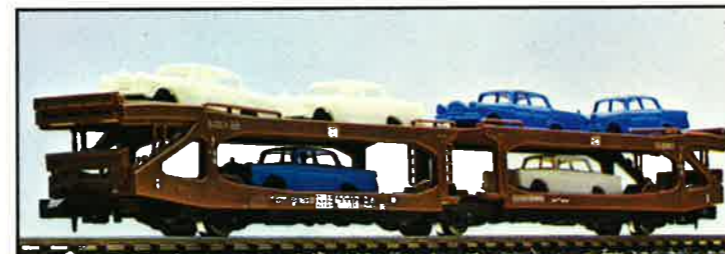
320784 'Mobil LP Gas' tank wagon.



320785 "Golden Fleece" tank wagon - L. 65 mm.



320780 2 axle tank wagon "Gulf". Length 65 mm.



320790 German autotransporter - L. 154 mm.



320781 2 axle wagon "Mobiloil". Length 65 mm.



320791 Wagon w/transport of Spanish autos "SEMAT".



320792 "British Leyland" Car Carrier. 154 mm.



320793 Autotransporter SJ of the "Skandiatransport" - L. 154 mm.



320795 Bogie container transporter.



320796 Wagon with containers ACL + TNT + RACE. 120 mm.



320862 GWR bogie parcel van 'Syphon G'. **NEW**



320863 GWR bogie parcel van 'Syphon G'. Palethorpes Sausage. **NEW**



320864 GWR bogie parcel van 'Syphon G'. BR Livery. **NEW**



320867 GWR bogie parcel van Syphon G 'Enparts'. **NEW**



320868 C.C.T. parcels wagon 'Tartan Arrow'. **NEW**



320869 C.C.T. parcels wagon. 'Rail Blue Livery'. **NEW**



320870 C.C.T. parcels wagon. 'Early BR Livery'. **NEW**

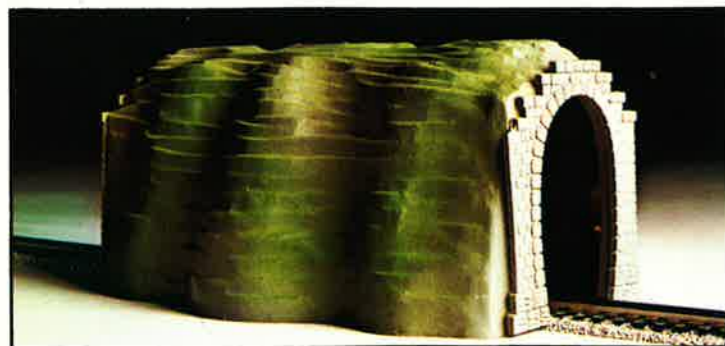
N SCALE ACCESSORIES



620702 Station roof.



620714 Station.



620705 Tunnel.

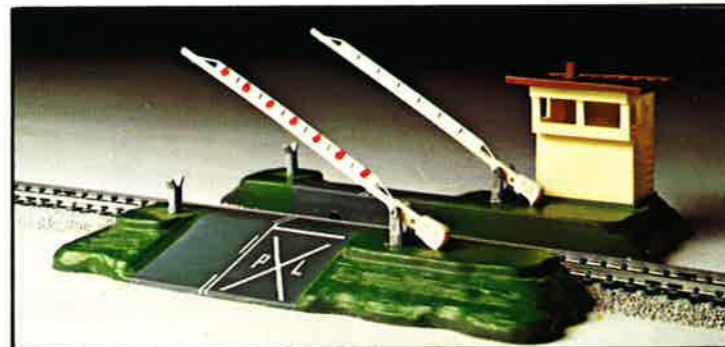


620715 House.



620707 Platform truck carrying containers "LHB-SCOTCH BEEF", gantry crane loading/unloading, and two transporters.

NEW



620722 Level crossing.



620709 Semaphore Signal.

NEW



620710 Single Street Lamp.

NEW



620711 Double Street Lamp.

NEW



620712 Signal with Four Lights.

NEW

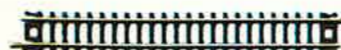


620713 Signal with Two Lights.

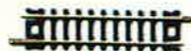
NEW

TRACK

STAINLESS STEEL PROFILE



420561 straight track (124 mm).



470562 1/2 straight track (62 mm).



420563 1/4 straight track.



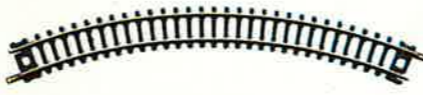
420564 1/2 straight with power clip.



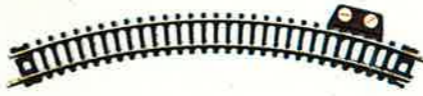
420564R 1/2 straight with power terminal.



420565 1/2 straight with buffer stop.



420571 curved track (45°).



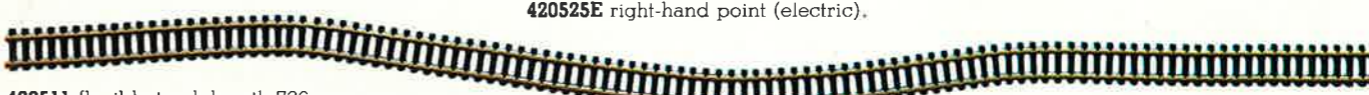
420571C curved track with power terminal.



420572 1/3 curved track (15°).



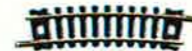
420551 curved track (Ø 472 mm).



420511 flexible track length 736 mm.



420553 compensating curved track.



420552 1/2 curved track (Ø 472 mm).



420524 left diamond crossing (15°).



420521 right diamond crossing (15°).



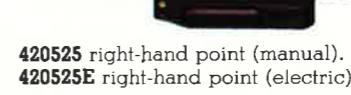
420522 diamond crossing (30°).



420526 left-hand point (manual).

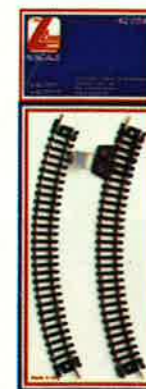


420526E left-hand point (electric).



420525 right-hand point (manual).

420525E right-hand point (electric).



Extra track is available in the following packs:

420580 6 pieces straight track (124 mm) 420561.

420581 6 pieces 1/2 straight track (62 mm) 420562.

420590 6 pieces curved track (45°) 420571.

420592 6 pieces 1/3 curved track (15°) 420572.

420591 6 pieces curved track (Ø 472 mm) 420551.

420593 6 pieces 1/2 curved track 420552.

420585 1 piece curved track, (45°) 420571

1 piece curved track with power connecting terminal 420571C.

420586 1 piece 1/2 straight track with power connecting terminal 420564R.

2 pieces 1/4 straight track 420563. Insulated fish plates 420017.

420587 1 piece straight track (124 mm) 420561.

1 piece isolating track with power connecting terminal 420564R, 1 piece 1/2 straight track with buffer stop 420565.



600017 insulated fish plates.



600018 'N' Gauge fish plates (metal) for new flexible track 420511.



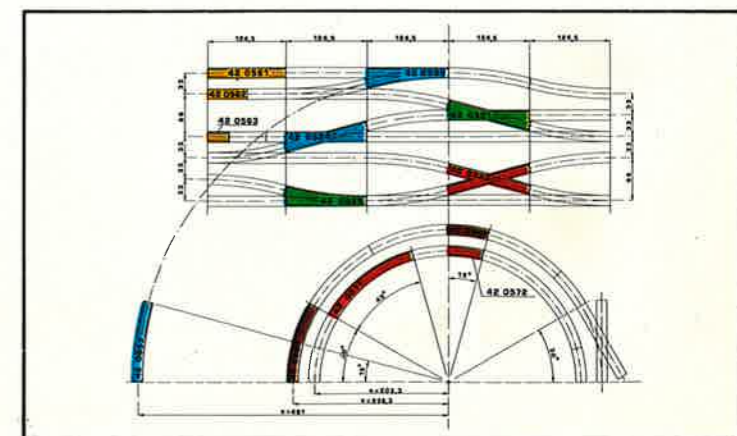
620721 Railer.

TRACK INSTALLATION

Remember when installing your track that trains on adjoining tracks must be able to pass freely without touching.

In lima "N" Scale the basic measurement to be born in mind is represented by a distance between tracks of 33mm., maintained in both straight lines and through the curves.

For instance the compensating curve 420533 when used with points 420525 and 420526 maintains this basic 33mm spacing.



O SCALE

BRINGS A NEW DIMENSION TO THE RAILWAY MODELLER

Lima are the only manufacturer in the world producing 'O' gauge at popular price. These larger models are particularly suitable for the serious modeller who will find in them limitless possibilities for embellishment, and for

building impressive and dramatic systems whether indoors or out. Brass track is available for permanent year-round outdoor use, as in real railways



216533 0-6-0 Class 4F Tender Locomotive. BR livery.



216534 0-6-0 (Fowler) Steam locomotive w/tender - L.M.S. Livery, 358 mm.



216541 German Diesel locomotive KOF III for shunting, 155 mm.



216543 French Diesel locomotive KOF III for shunting, 115 mm.



216546 0-4-0 Diesel Shunter, BR Livery.



216572 Bo'-Bo' French diesel locomotive, series BB 67000, 375 mm.



216573 Bo'-Bo' Italian electric locomotive "Tartaruga", 370 mm.



216576 BR Class 33 Bo'-Bo' Diesel Locomotive. Early Livery.



216577 BR Class Bo'-Bo' Diesel Locomotive.



216578 German Diesel loco for passenger and goods train V160.



216579 V160 Diesel locomotive "Baureihe 216" in the new DB colours.



216580 German Diesel loco V160.



316601 1st class French coach A9 U.I.C., 492 mm.



316609 2nd class German coach Bcüm "Scharnow-Reisen", 492 mm.



316618 BR composite coach.



316643 French composite first class/luggage coach green and grey for international services, 492 mm.



316602 Italian 1st class coach AZ U.I.C., 492 mm.



316610 1st class French coach A9 green and grey for international services, 492 mm.



316619 BR Mark 1 Composite Coach.



316644 BR Mark 1 Corridor Brake Coach.



316603 1st class French coach A9 for the train "Le Capitole", 492 mm.



316611 1st class Swiss coach, 492 mm.



316620 BR/GWR Mark 1 Composite Coach.



316645 BR/LMS Mark 1 Corridor Brake Coach.



316604 1st class German coach for fast trains, 492 mm.



316615 1st class Swiss coach "Grand Comfort", 492 mm.



316621 MK1 Corridor Brake Coach.



316646 BR/GWR Mark 1 Corridor Brake Coach.



316605 1st class German coach "T.E.E. Helvetia", 492 mm.



316616 BR/LMS composite coach.



316641 French composite first class/luggage coach of the train "Le Capitole", 492 mm.



316647 BR Mark 1 Corridor Brake Coach.



316608 2nd class German sleeping car "TOUROPA", 492 mm.



316617 BR Mark 1 Composite Coach.



316642 French composite first class/luggage coach for international services, 492 mm.



316654 BR Mark 2 Corridor Brake Coach.



316704 Wagon for transport of German beer SPATENBRAU.



316721 Italian open wagon, 231 mm.



316733 "Hall & Dean" Mineral Wagon.



316746 GW Brake Van.



316705 German refrigerator car "Interfrigo".



316723 Italian wagon with coal, 231 mm.



316739 GWR Mineral Wagon.



316747 Swiss covered wagon "OVOMALTINE", 231 mm.



316706 STEF refrigerator car of the French Railways.



316724 French open wagon, 231 mm.



316741 Italian covered wagon, 231 mm.



316750 Postal wagon SBB CFF, 231 mm.



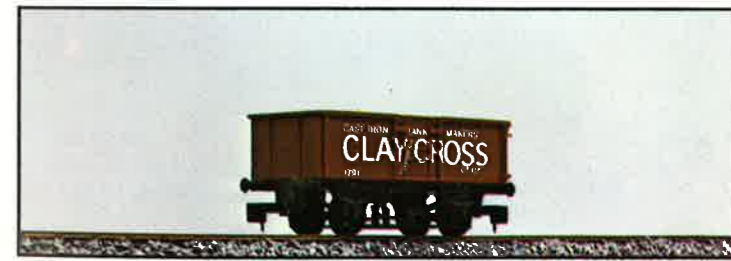
316709 Wagon for transport of Danish beer CARLSBERG.



316726 NCB wagon with coal.



316742 Italian covered wagon "FIAT", 231 mm.



316754 "Clay Cross Co. Ltd," Mineral Wagon.



316710 SCHWEPPE'S refrigerator van.



326730 "Chas, Kendall" Mineral Wagon.



316744 German covered wagon "ASG", 231 mm.



316755 "Glasshoughton Coke Nuts" Mineral Wagon.



316713 Coca Cola refrigerator van.



316731 "Caxton" Mineral Wagon.



316745 BR Closed Van.



316756 "Evans & Bevan Anthracite" Mineral Wagon.



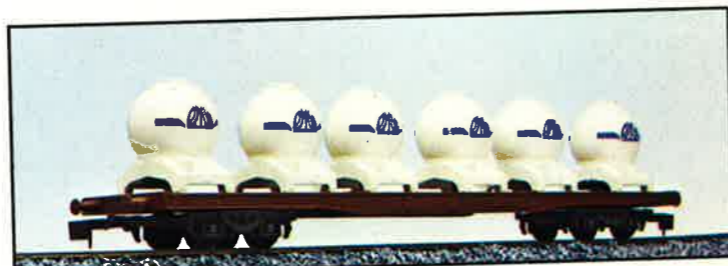
316765 SHELL Tank Wagon, 314 mm.



316786 4 axle wagon w/2 containers, 314 mm.



316766 "BP" Bogie Tank Wagon.



316793 Flat wagon w/6 spherical containers "OMYA", 438 mm.



316768 "Mobil Oil" Bogie Tank Wagon.



316791 Flat wagon with pipes "Mannesman", 438 mm.



316770 Tank wagon TEXACO.



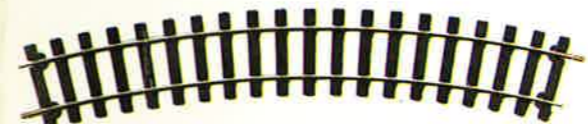
316784 Wagon with containers SEATRIN - LEP - CONTRANS.



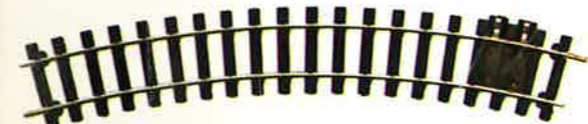
316785 Irish wagon to transport containers - L. 438 mm.



TRACK



416811 Curved track (1400 mm. dia).



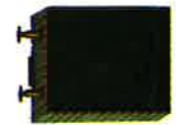
416811C Curved track with power clip.



416801 Straight track (350 mm.).



416805 Compensating track.



416841 Buffer stop.

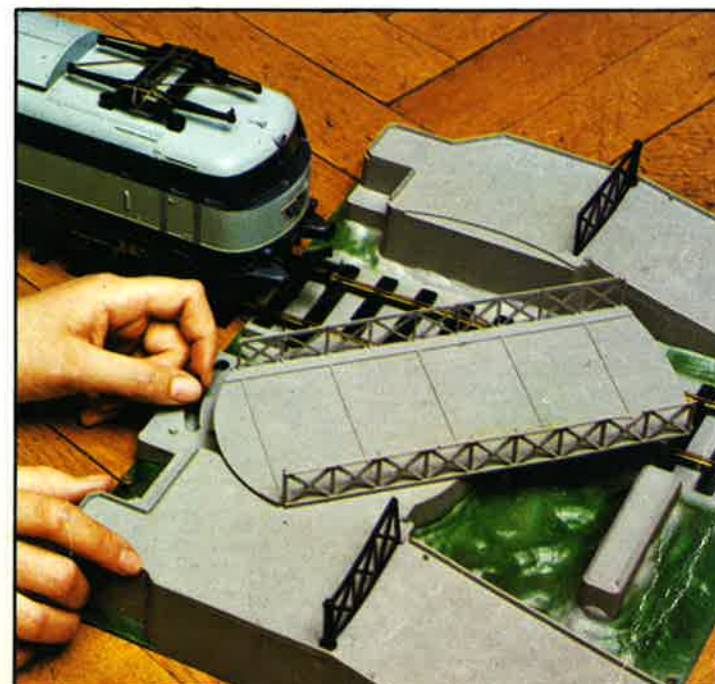


416822 Diamond crossing (30°).

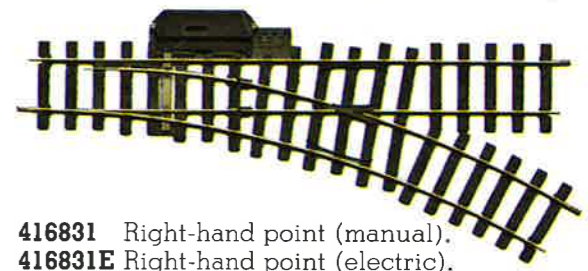
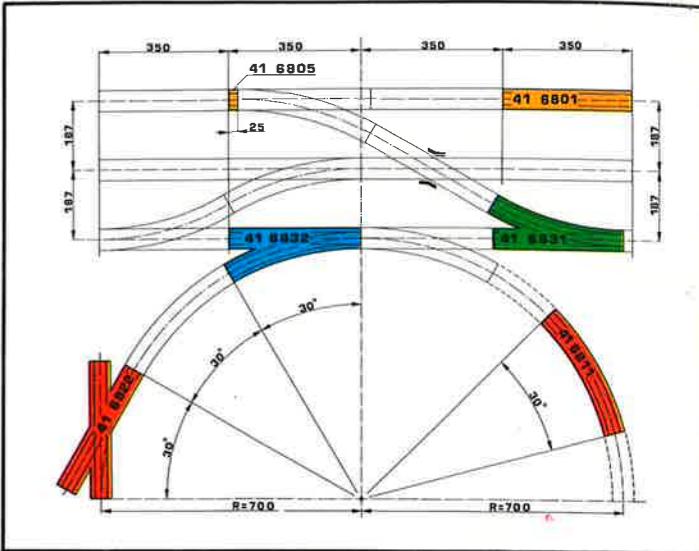
ACCESSORIES



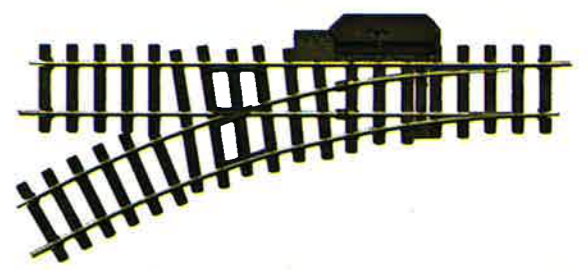
616850 Automatic level crossing.



616851 Swing road bridge.



416831 Right-hand point (manual).
416831E Right-hand point (electric).



416832 Left-hand point (manual).
416832E Left-hand point (electric).