MÄRKLIN



1970 E USA $
50 cts.

MÄRKLIN

WHY A MÄRKLIN

MÄRKLIN ELECTRIC TRAINS ARE BEST FOR . . .

. . . the exciting f i r s t train. A beautiful gift box with sturdy locomotive, cars with automatic couplers, track oval and a powerful transformer. Everything assembles in minutes for the beginning of a lifetime hobby.

. . . the exciting train that g r o w s. This catalog shows hundreds of add-on items. The smaller ones are best for the small beginning layout. All will be used in the larger model railroad to follow.

. . . the train that's made to be played with. Small locomotives and cars are easy to put on the track, seldom come off the track even at high speed. All are copies of real railroad equipment, yet the track can be laid across the floor for playing with blocks and other toys.

. . . the worlds largest assortment of trains and accessories. We developed H0 trains in 1936 after 50 years experience with the larger gauges.

. . . the miniature railway for people who want to run trains, not just look at them. If it can be done by the real trains it can be done by MÄRKLIN trains—real easily.

MÄRKLIN model railways offer features that are exclusive with our system:

1) The reliable current distribution of MÄRKLIN H0 track.
2) The use of A.C. current for both trains and accessories.

These two features combine to provide you a model railroad that is always reliable and trouble free. With our simple A.C. transformers there is no need to know electrical wiring. Less wiring is required with the color coded, plug in system. Less cleaning of rails, wheels, gears and motors. No soldering needed, no special wire connecting clips.

MÄRKLIN H0 Gauge Track

There are two types: the MÄRKLIN-M-(Metall) track and the MÄRKLIN-K-(Plastic) track. Both types offer the same reliable electrical distribution characteristics and are also equal in their ability to feed current from the center studs to the ski-type current pick ups on the locomotives.

The basic construction of the two types of track differs. With the M-Track, perfectly formed black rails are mounted on an all metal roadbed featuring simulated ties and rock ballast. In contrast, the K-Track consists of finely detailed plastic ties, into the bottom of which is inserted a metal center rail conductor in such a way as to allow only the points of the contacts to barely project, almost invisibly, upwards through the ties. The silver colored, metal profile rails are securely mounted onto the plastic ties.

There are three electrical connections on the M-Track. A sprung metal tongue on the center stud section and two all metal railjoiners at each end of the rails.

With the new K-track, there are six mechanical connections as follows: 2 running rail joiners, two spring connectors for the center stud section and two snap connectors on the plastic tie base.

This MÄRKLIN stud contact system provides the most reliable current distribution for model railroads. The current is fed through the almost invisible center studs located in the center of the ties, and is then led to the ski type current pick ups located on the bottom of the locomotives, the pickups being barely visible when the locomotive is on the track. Although contact between the pick up and only one stud point would be sufficient, the pickup actually rest on several contacts at one time, and therefore also keep the contacts always clean.

The path of the current is from the center studs to the pickup shoe, to the motor and then flows through a l l the locomotive and tender wheels to the running rails and finally back to the transformer. As you can see this provides a system that will give you good current pickup even when a certain part of the rails or wheels are dirty.

Because of this three rail system, any configuration of track can be laid, crossings, reverse loops, turning wyes, etc. without any special switches or wiring.

The MÄRKLIN track system is designed so that almost any layout form can be designed, yet a triple mainline layout, with sidings, will fit on a trainboard no more than 36″ wide. Adapter track sections are available which will connect the M-Track to the new K-Track.

YOUR FRIENDLY MÄRKLIN DEALER:

DISTRIBUTED through REEVES INTERNATIONAL, INC., 11 07 Broadway, New York 1 00 10

See your dealer for all MÄRKLIN needs and repairs, as deliveries cannot be made from the factory to private parties. Sales are subject to change in manufacture and design. Measurements are given without guarantee. The publication of this catalog supercedes all previous ones.

MODEL RAILROAD HO

A.C. Current Operates Everything

The trains, lights, turnouts, points signals and all the other exciting accessories all operate off reliable A.C. current; never a need for two types of power supply. Even the TELEX coupling requires the same basic current only.

Every MÄRKLIN Locomotive Reverses by Remote Control

The same throttle knob that controls the speed of the train reverses the locomotive. Even small hands learn precise train control quickly. Our exclusive reverse unit, mounted in the locomotive, allows any train to be run over the entire track system, regardless of the wiring or the track configuration. This feature is especially useful when used with our automatic train control, running over changing routes.

The MÄRKLIN Overhead Catenary

Special clip on mast and flexible contact wires allow an easily assembled, easily changed catenary system.

The locomotives with pantographs actually can pick up power from the overhead wires. A hand lever on the bottom of the locomotive changes the current pickup from the rails to the overhead wires.

For maximum operation with your MÄRKLIN locomotives, the catenary wires can be connected to a separate transformer from the rails. This will allow you to run two separate locomotives on the same section of track, completely independant of each other.

Locomotives have extra pulling power

All MÄRKLIN Locomotives, large and small, have special rubber tires and precision gearing to the drive wheels, for greater pulling power. Trains coast to a realistic stop when the power is turned off.

Track may be insulated at any point

Simply insert paper between the center tongues on M-Track, or the plastic insulator on K-Track. No other equipment of special pieces of track are needed.

The MÄRKLIN Couplers

The MÄRKLIN couplers mounted in the center of the ends of all equipment so that they can be placed on the track in either direction. All the different types of couplers will mate with each other.

The Automatic Couplers

Simply push the cars together and they are automatically coupled. Lift the end of the car and they are uncoupled, or use electric uncoupling track for a more realistic train operation. Its easy and foolproof for fun operation.

RELEX, the automatic coupler with delayed uncoupling action

With this coupler, after the cars are uncoupled over the uncoupling track, the couplers remain open allowing you to push the cars farther down the track for more realistic yard switching. All model freight cars and passenger coaches are equipped with MÄRKLIN RELEX couplers.

The TELEX coupler, the ultimate system

Some locomotives (see pages 8, 11 and 20) are fitted with the TELEX couplers. This is operated from the transformer, through the reverse unit, allowing you to uncouple the locomotive from the train anywhere on the layout, without any other special equipment. The TELEX coupler system is another exclusive feature of MÄRKLIN trains.

MÄRKLIN Signals for added enjoyment

Our vast range of signals help you complete your model railroad. Our famous automatic multi-train control can be installed easily by non-experts. Color coded wires plug into contact tracks, and the moving trains do the rest.

MÄRKLIN is easy to set up

Basic instructions with clear illustrations, printed in English, are provided with all equipment. Books include track plans, signal manuals and general handbooks.

Our No. I Gauge and MINEX Trains are described on pages 56—64.

CONTENTS:

Train Set, Ready to Run	in H0 Scale	2— 7
Locomotives	Steam 8—11, Electric 12—18, Diesel 20—23, Electric Railtrains 24, Railbus 25	8—25
Rolling Stock	Passenger Cars 27—33, Freight Cars	35—40
Construction Kits	Locomotives 13/21, Cars	40
Track	M-Track 41—43, K-Track	47—48
Catenary System	for M-Track 44, for K-Track	48—49
Signals	for M-Track 45, for M- and K-Track	49
Accessories	(Electronic Warning Horn 52)	46, 50—54
Books	Handbook, Track Plans, Signal Manuals	53
Transformers		55
Minex	Locomotives, Cars	56—59
No. I Gauge	Locomotives, Cars, Accessories	60—64
Miniature Automobiles rak		65
MÄRKLIN-SPRINT Automobile Slot Racing		66—71
Metal Construction Sets / Electric Motors		72—73

. . . in Minex (new) 58/59
. . . in No. I Gauge 60/61
HAMO Locomotives for 2 rail D.C. 10—25
Pickup Shoes, Locomotives Tires etc. 51
Passenger Car Interiors 30
No. I. Gauge Track 64
Universal Remote Switch 45/49
Other Locomotive Accessories 51
MÄRKLIN-Magazine 53

GEBR. MÄRKLIN & CIE. GMBH · 732 GÖPPINGEN/WÜRTT.

All rights reserved · Reprints, even in extract, are forbidden · Printed in Germany · Thiemigdruck, Munich · 152 16 — YO 07 70 th

Trade Mark

TRAIN SETS TO START





TRAIN SET WITH OVAL TRACK AND REVERSING TRANSFORMER TO OPERATE YOUR TRAIN AND ACCESSORIES

FOR ENLARGING TRAIN SETS 2955 AND 2975 WE RECOMMEND THE SUPPLEMENTARY TRACK SETS 5090 AND 5091 ON PAGE 42

AND FOR THE TRAIN SET 2815

The train that is made to be played with. Locomotives and cars are easy to put on the track, seldom come off even at high speed. An assortment of model railway equipment to delight both the child and the adult hobbiest. An exciting hobby that grows . . . this catalog shows hundreds of add-on items, the smaller ones are best for the beginning layout. All will be used in the larger model railroad to follow.



The transformer supplied with these Train Sets has, like all MÄRKLIN model railway transformers of the 6100 and 6500 Groups, connections for supplying current for trains as well as lighting and magnetically-operated accessories. It also supplies high-voltage current for reversing the locomotives. These transformers will also operate larger locomotives, or additional points and signals. If overloaded or temperature should rise too high, the transformer will switch itself off automatically.

2955 Freight Train with Transformer **M** -Track

With locomotive, 2 freight cars, 8 curved track 5120, 1 straight track 5106, 1 feeder track 5111, and a transformer · Train 13½″ long

2975 Freight Train with Transformer **M** -Track

With 3000 locomotive, 2 freight cars, 12 curved track 5100, 1 straight track 5106, 1 feeder track 5111, and a transformer · Train 12½ in. long

2815 Freight Train with Transformer **K** -Track

With locomotive 3000, 2 freight cars, 12 curved track 2121, 1 straight track 2100, 1 feeder track 2190, 2 cables, and 1 transformer · Length of train 12½″

THESE TRANSFORMERS MUST BE USED ONLY

TRAIN SETS TO START YOUR RAILWAY SYSTEM



2955
110 Volt
$ 21.50



2975
110 Volt
$ 28.95

WE RECOMMEND THE SUPPLEMENTARY SETS 2090 AND 2091 ON PAGE 47.



2815
110 Volt
$ 29.95

Fair Trade prices in US Dollars

The transformers in these starter sets are not sold separately.

WITH ALTERNATING CURRENT (A.C.)

MÄRKLIN

HO

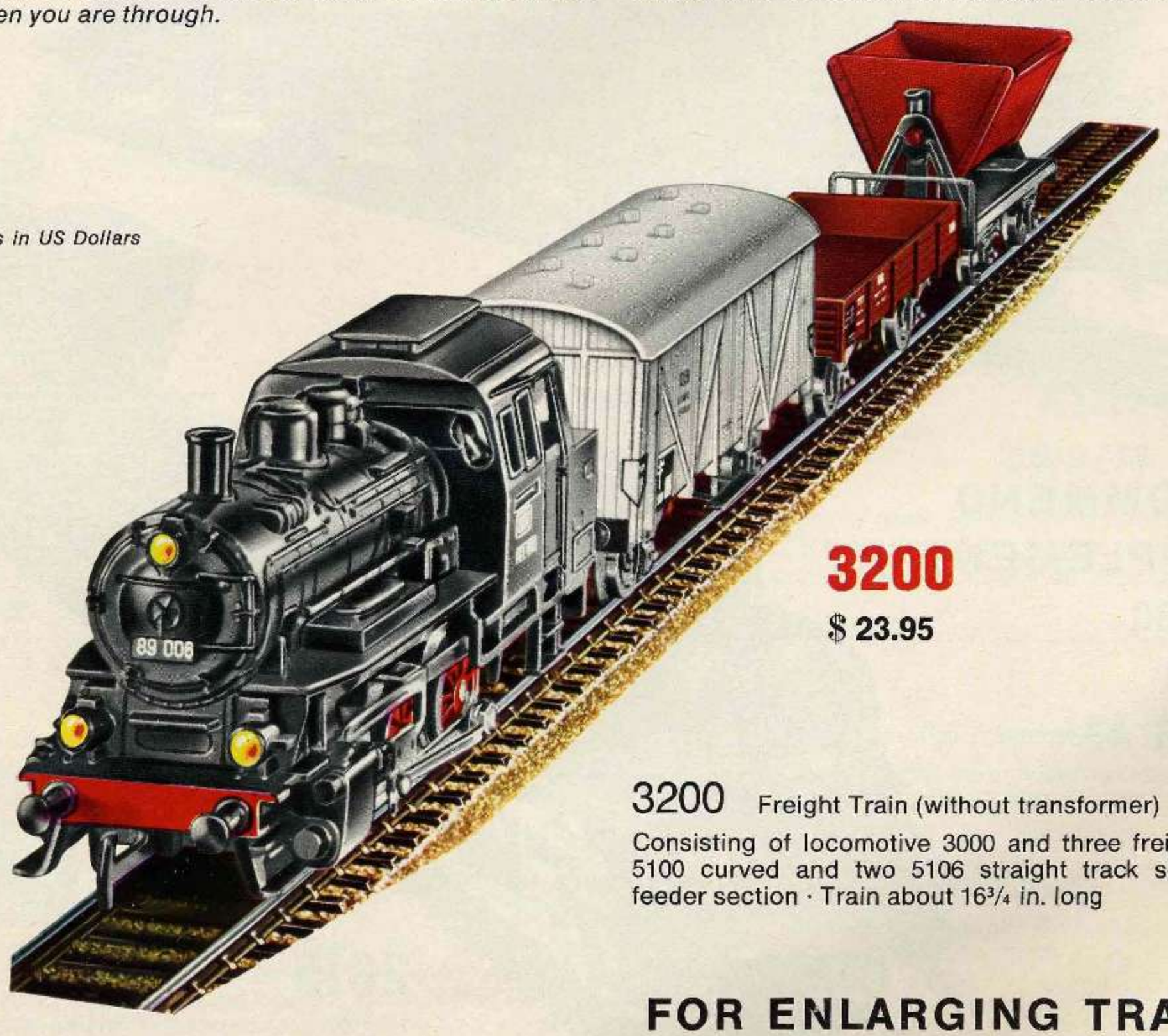
TRAIN SETS WITHOUT TRANSFORMER



These train sets supplied in a sturdy gift box, designed to safely store the train, provide the beginning of a model railroad layout. Naturally, there is more fun and enjoyment when your passenger and freight trains can make longer trips, and the cars can be switched in the yards. The track addition sets shown on Pages 42 and 47 show how easy it is to extend your basic set for more enjoyment. The layouts take a minimum of space and can be quickly assembled and taken apart. The track can be stored back in the box when you are through.

The starter train sets shown on pages 2 and 3 contain everything you need to start your layout including the transformer. Only with MÄRKLIN can you find so much pleasure with so small an expense, and this pleasure increases as your track increases. We supply the larger train sets without transformers as they are often bought as gifts to extend the beginners layout, and also because many people prefer to start with the larger transformer which will be necessary for the larger model railroad.

Fair Trade prices in US Dollars



3200

$ 23.95

3200 Freight Train (without transformer) **M** -Track

Consisting of locomotive 3000 and three freight cars · Twelve 5100 curved and two 5106 straight track sections, including feeder section · Train about 16¾ in. long

FOR ENLARGING TRAIN SETS WE RECOMMEND THE SUPPLEMENTARY TRACK

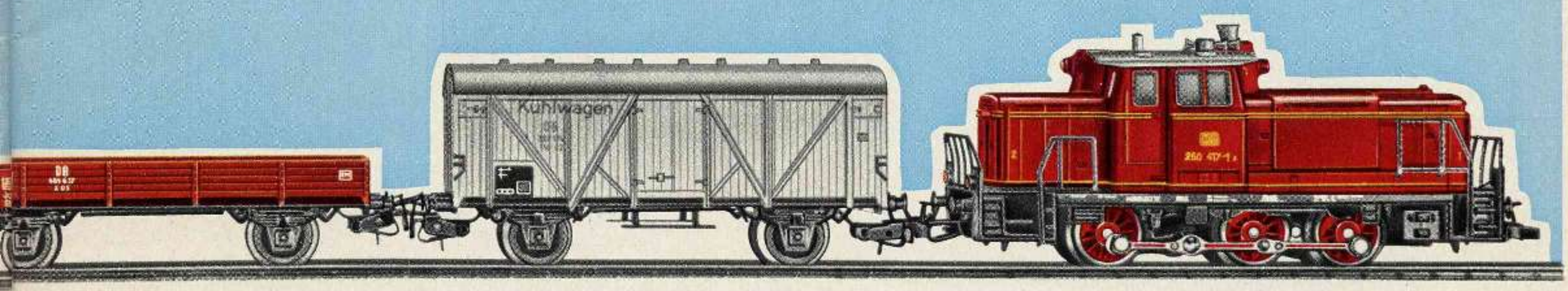
USE WITH ALTERNATING CURRENT (A.C.) ONLY

ATTRACTIVE GIFT BOXES

Scale HO

WITH TRACK OVAL

3184
$ 32.50



THAT CAN BE EXPANDED

3184 Freight Train (without transformer) **K**-Track

Diesel Locomotive 3064, 3 freight cars, 12 curved track 2121, 1 straight track 2100, 1 feeder track 2190, 2 feeder cables · Train about 17¾ in. long



3203
$ 32.50

3203 Freight Train (without transformer) **M**-Track

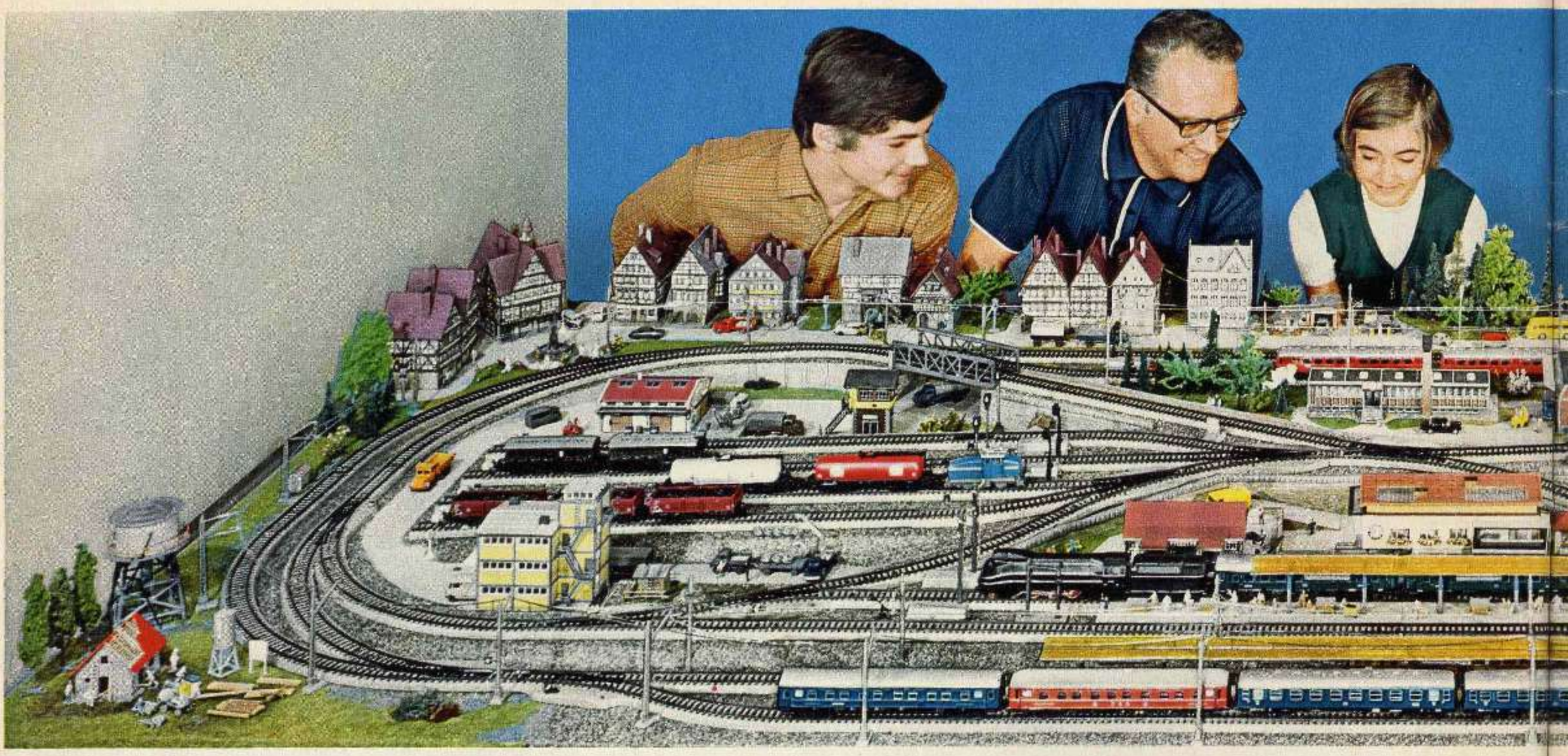
Consisting of locomotive 3003, three freight cars · Twelve 5100 curved and two 5106 straight track sections, including feeder section · Train about 21 in. long

3200 AND 3203 SETS 5090 AND 5091 ON PAGE 42,

AND FOR THE TRACK 3184 THE SUPPLEMENTARY TRACK SETS 2090 AND 2091 ON PAGE 47.

MÄRKLIN

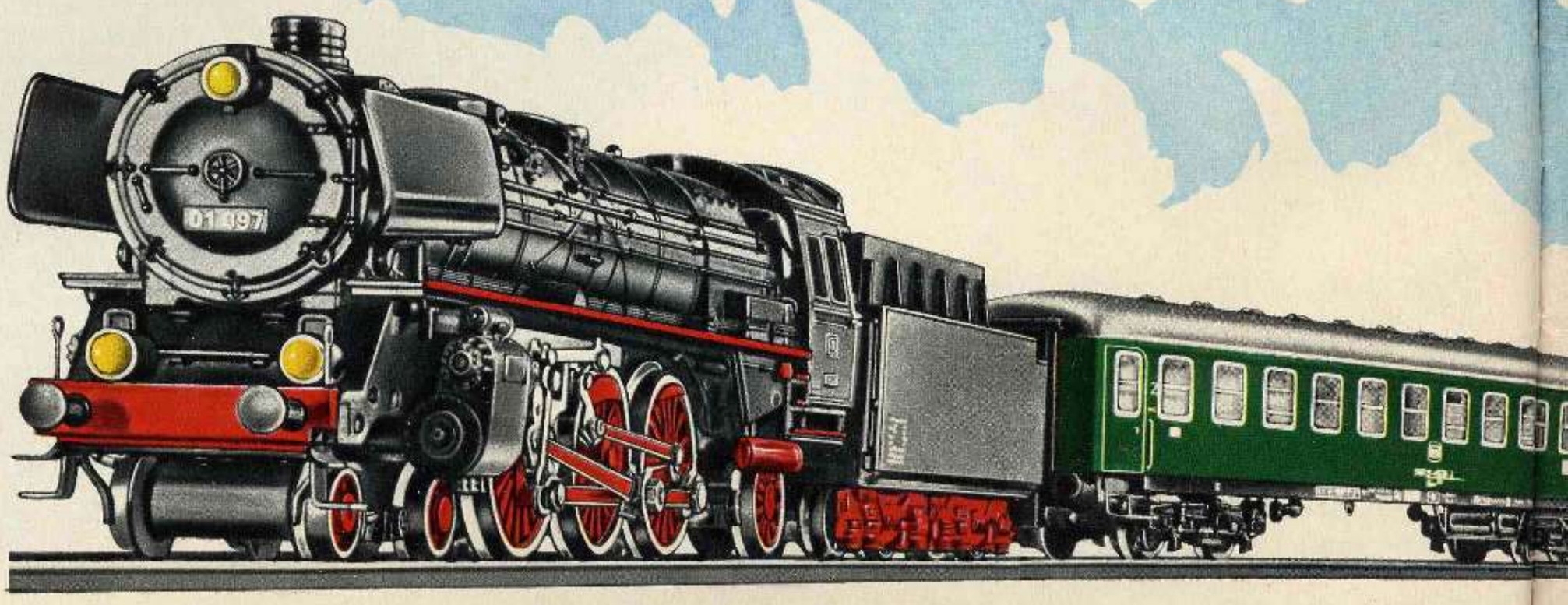
TRAIN SETS IN ATTRACTIVE



TRAIN SETS WITH TRACK OVAL



3121 $ 45.50



FOR ENLARGING TRAIN SET 3121 WE RECOMMEND

GIFT BOXES

Scale HO



BUT WITHOUT TRANSFORMER

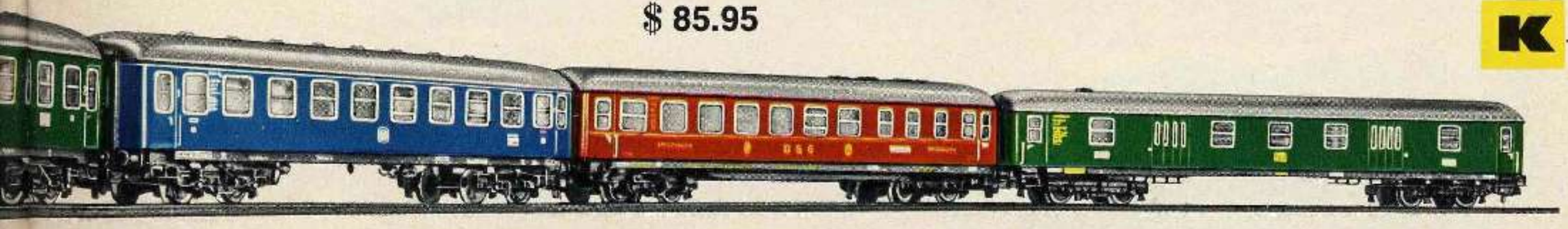


3121 Passenger Train (without transformer) **M**-Track
With diesel locomotive 3021, passenger coach, restaurant car, and baggage car, 12 curved track 5100, 6 straight track 5106 including feeder track · Train 38½ in. long

3188
$ 85.95

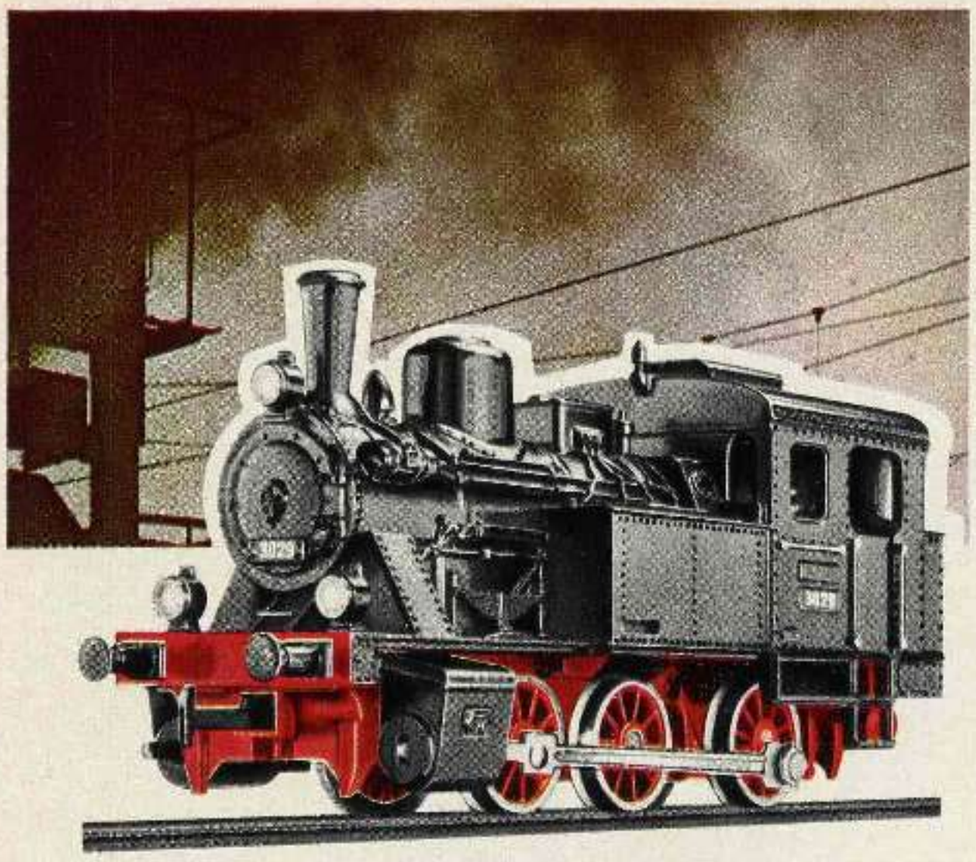
3188 Passenger Train with Turnouts (without transformer)
With express locomotive 3048 with smoke unit, 2 passenger coaches, 1 restaurant car, 1 baggage car, 14 straight track 2100, 4 straight track 2107, 10 curved track 2131, 2 curved track 2132, 2 curved track 2134, 1 pair of remote control turnouts 2161, 1 feeder track 2190, 1 control panel 7072, 6 connecting cables · Train 50 in. long

K-Track



USE WITH ALTERNATING CURRENT (A.C.) ONLY

THE SUPPLEMENTARY TRACK SETS 5090 AND 5091 ON PAGE 42.



TANK LOCOMOTIVE

3029 TANK SWITCHER · A model of a six-wheeled 0-6-0 locomotive as used in large industrial concerns · Remote control reversing, and fitted with two special rubber tires to increase pulling power · Dull black plastic with a cast metal frame; coupling hooks both ends · 4 in. long over buffers

3029

$ 10.95

TANK LOCOMOTIVE



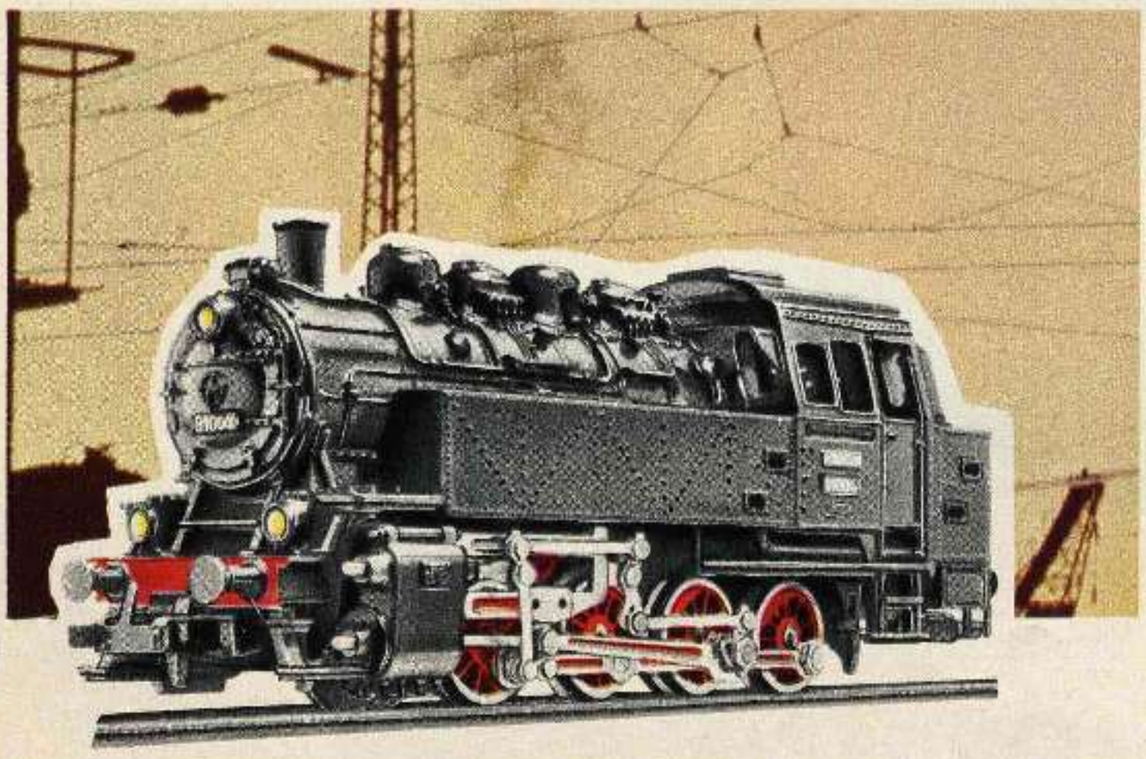
3000

$ 12.95

3000 TANK LOCOMOTIVE · A model of the six-wheeled 0-6-0 Class 89 engine in use on the German Federal Railways · Reversing by remote control and with increased pulling power by two special rubber tires on the trailing drivers · Three working headlights · Dull black plastic body with cast metal frame · Coupling hooks both ends · 4 3/8 in. long over buffers

The attractive design of these tank engines and the ease of placing them on the track, together with the many purposes they can be used for in both passenger and goods services, and in particular for switching in marshalling yards, have made these tank engines favourites. Their easy running on curves, high performance and harmony in their general appearance are the special advantages of these models.

TANK LOCOMOTIVE WITH MÄRKLIN TELEX COUPLERS



3031

$ 25.50

THE MÄRKLIN TELEX COUPLING

enables the train to be uncoupled from the engine and also coupled up to it again at any desired point on the system, by remote control from the transformer, without any additional apparatus being necessary.

3031 TANK ENGINE · A model of the eight-wheeled 0-4-0 Class 81 engine on the German Federal Railways · Two rubber tires to increase pulling power; simulated Walschaerts valve motion, and reversing by remote control · Three working headlights at each end · Cast metal frame with all-metal body finished in dull black · MÄRKLIN TELEX COUPLING at both ends · 5 in. long over buffers



The standard Class 24 locomotive was used on the German Federal Railways for passenger and goods services, its maximum speed being 56 miles an hour.

3003 $ 19.95 MIXED TRAFFIC STEAM LOCOMOTIVE

3003 PASSENGER LOCOMOTIVE WITH TENDER · A model of the eight-wheeled 2-6-0 Class 24 engine on the German Federal Railways · Reversing by remote control and with simulated Walschaerts valve motion · The leading truck is kept down on the track by a spring so that there is no risk of derailment · Two special rubber tires to increase pulling power · Three working headlights · Dull black plastic body on pressure-cast zinc frame · Tender close-coupled to the engine, with all details of the six-wheeled riveted construction reproduced · Coupling hook in front with RELEX automatic coupling with the Advance uncoupler on the tender · 8 in. long over buffers

Fair Trade prices in US Dollars

"BR 74" AN UNUSUAL TANK LOCOMOTIVE BY MÄRKLIN

3095 $ 18.95

3095 TANK ENGINE · A model of the German Federal Railways eight-wheeled 2-6-0 Class 74 engine · Fitted with two special rubber tires to increase pulling power and simulated Walschaerts valve motion · Reversing is by remote control; and the leading truck is kept down on to the track by a spring to safeguard against derailment · Three working headlights · Plastic body with pressure-cast zinc frame · Coupling hook in front with Advance uncoupler, RELEX Coupling at rear · 5¼ in. long over buffers



The superheated steam engines first delivered in 1902 as the T 12 locomotive to the Berlin State Railways' Directorate, and subsequently given the Class 74 description when taken over by the then German State Railways (Deutsche Reichsbahn) proved so very successful for suburban passenger services, especially on the Berlin Circle, Metropolitan and suburban lines that there were nearly one thousand of them in service by 1921. After electrification of the Berlin Metropolitan Line they were allotted to numerous centers for use on shortdistance passenger services, as well as on switching work at large stations. Their length over buffers was either 38 ft. 8 in., or 39 ft. 8 in. according to their series. Weighing approximately 70 tons in working order they could reach a speed of 50 miles an hour running either forward or tender first.

The German Federal Railways Class 23 locomotives are used for medium and heavy passenger service and for fast express freight service. Because of the construction of this class of locomotive, they can be operated at speeds of up to 70 mph forward and 55 mph when running tender first. Because of the high speed permitted while running backwards, these locomotives are used to a great extent in local service on heavy freight trains. This helps give the railroads a much better balance in the dispatching of the locomotives.

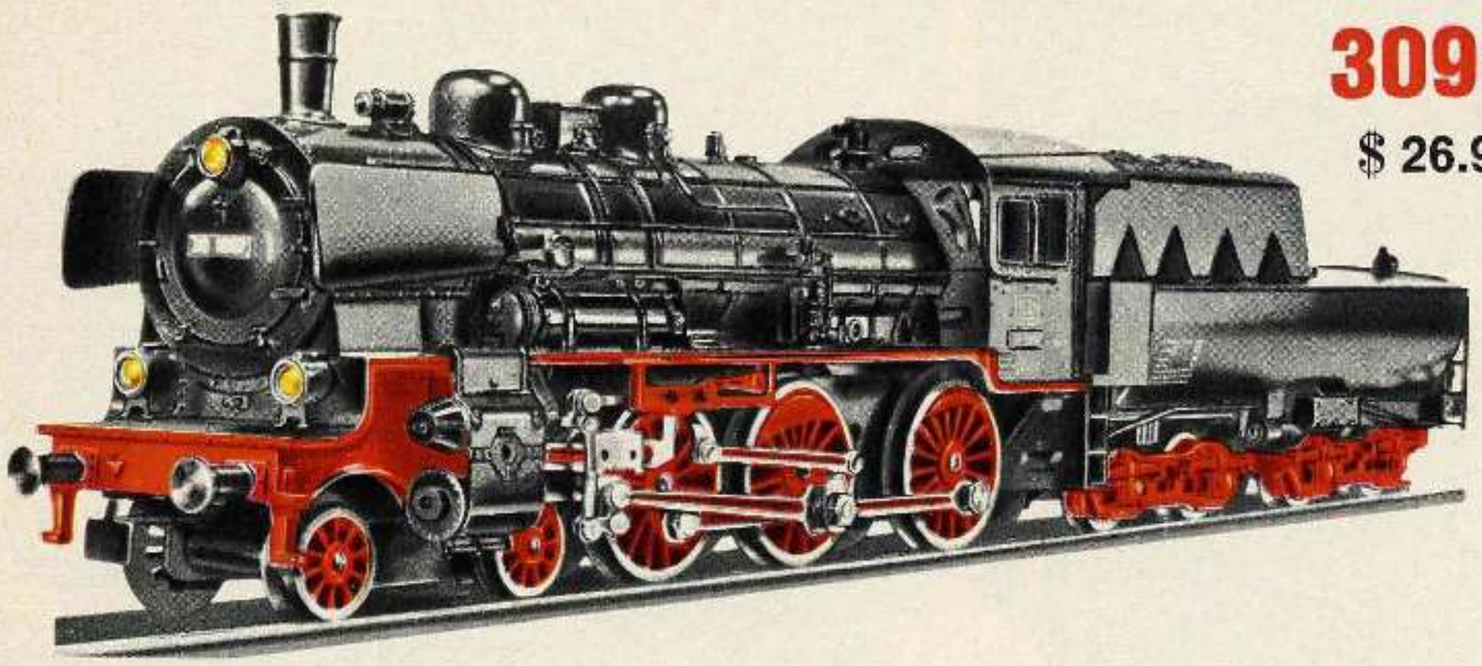


MODERN STEAM LOCOMOTIVES

3097 $ 21.95

3097 LOCOMOTIVE WITH TENDER · A model of the German Federal Railways Class 023 (23) · Prairie type 2-6-2 wheel arrangement · Wheels driven through the side rods · Two rubber tires to increase the pulling power · Remote control reversing · Leading and trailing trucks are sprung to prevent derailing · Working headlights in front · Dull black all metal body · Die cast metal frame · 8 wheel tender, closely coupled to the locomotive · Couplers on both ends for automatic coupling to cars · Lenght over buffers 9¾ in.

THE CLASSIC "P 8" LOCOMOTIVE BY MÄRKLIN



3098

$ 26.95

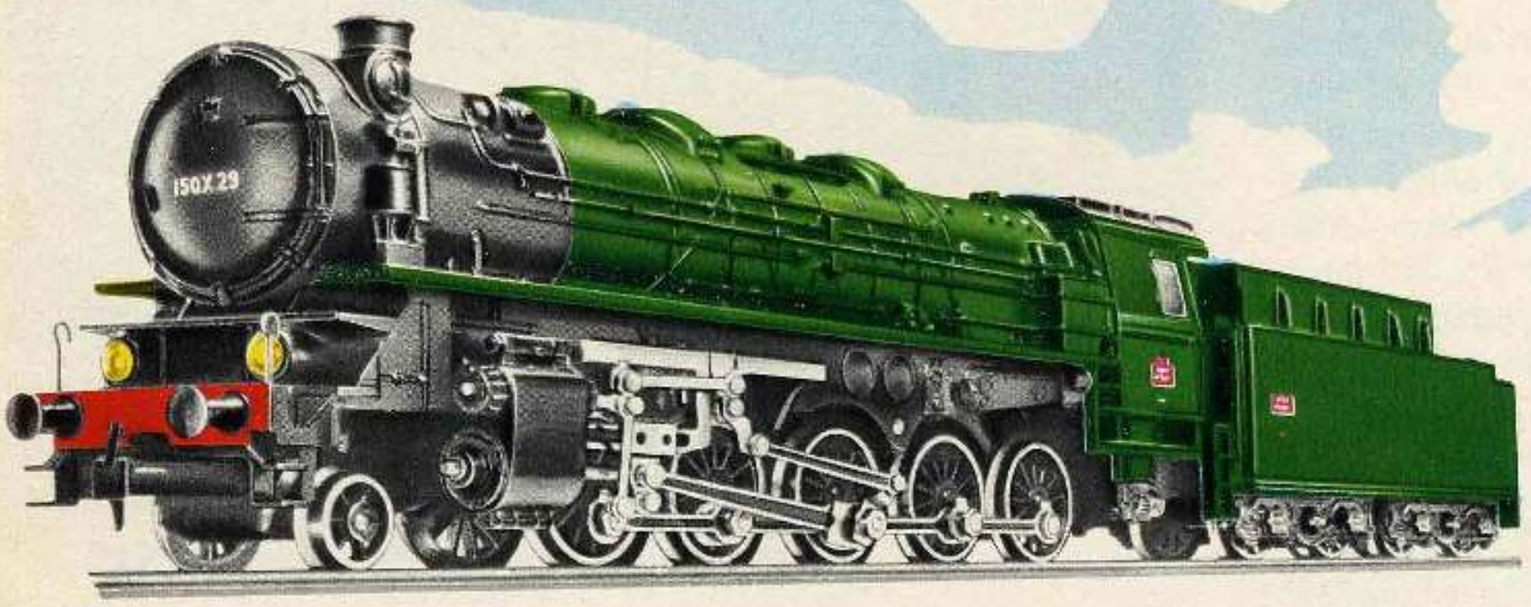
The P 8 was built in 1906 by the Schwarzkopff locomotive works of Berlin, and was used by the Prussian State Railways for both local and express passenger service. Although its top speed was only 62 mph, it remained a favorite locomotive in many countries for decades, because of its reliability. All told, 3800 locomotives of this type were built by various makers, and some of them are still in service today.

HAMO **8398** **$ 26.95**

The same model as 3098, but for two rail D.C. operation, (also see page 12)

3098 STEAM LOCOMOTIVE WITH TENDER · A model of the German Federal Railways ten wheeler, 4-6-0 Class 038 (38) locomotive · Remote control reversing · Heusinger valve gear · Special springing prevents lead truck from derailing · Two rubber tires on rear drivers to increase the pulling power · Three working headlights · Flat black all metal body with all boiler and cab details finely reproduced · Die cast metal frame · Eight-wheeled tender with automatic Advance (RELEX) couplers · 9½ in. long over buffers

FRENCH RAILWAYS STEAM FREIGHT LOCOMOTIVE WITH SMOKE UNIT



3046

$ 37.95

HAMO **8346** **$ 37.95**

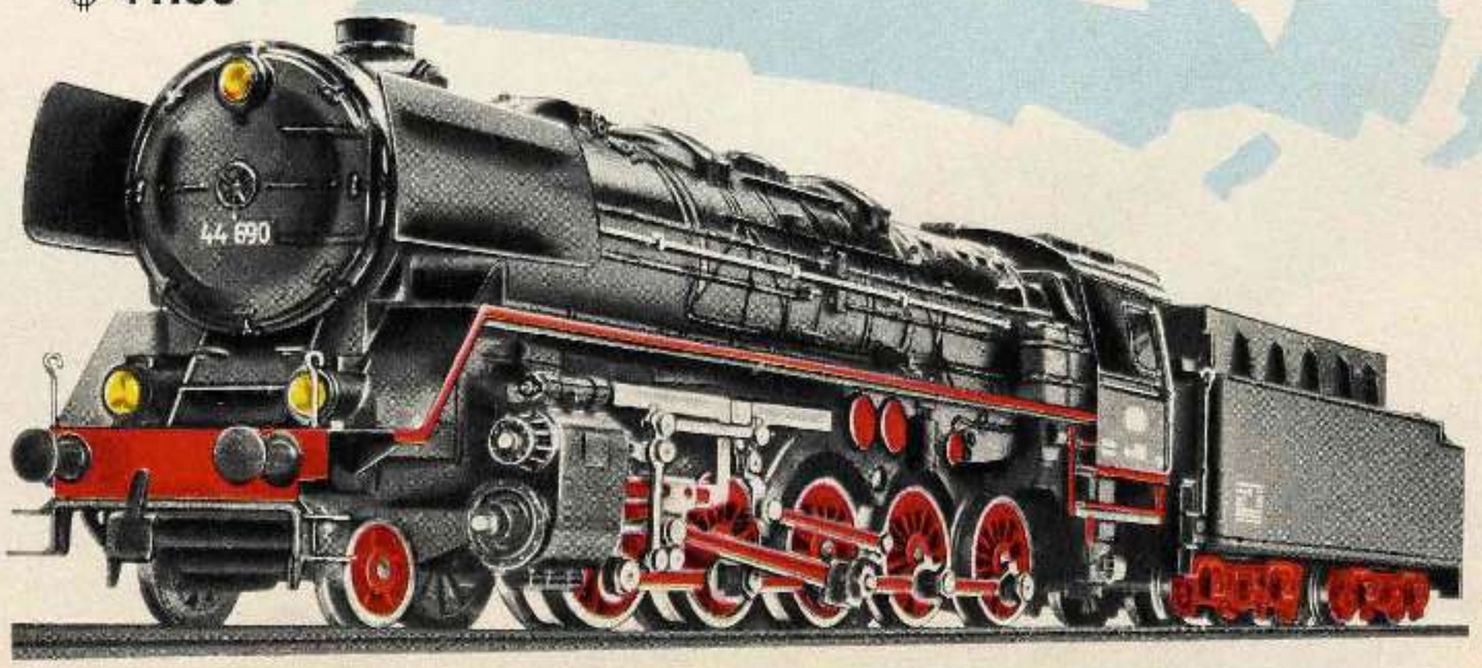
The same model as 3046, but for two rail, D.C operation, (also see page 12)

3046 HEAVY FREIGHT LOCOMOTIVE · A model of the Class 150 X twelve-wheeled 2-10-0 locomotive of the French State Railways (Société Nationale des Chemins de Fer Français, or S.N.C.F.) · Dividing the frame into two groups of driving wheels linked together gives very good running characteristics and enables the engine to take curves well · Simulated Walschaerts valve motion · Remote control reversing · THE ENGINE IS FITTED FOR GIVING OFF VERY REALISTIC ARTIFICIAL SMOKE, the equipment consisting of the smoke unit fitted in the engine, subsitute steam pipe, cleaning wire, tweezers and a cartridge of steam fluid (for the 0241 refill cartridge see page 51) · The spring suspension of the leading pony truck ensures safety against derailment · Four special rubber tires on the trailing drivers increase the pulling · Two headlamps · Pressure-cast zinc frame with body finished in dark green · Coupling hook on leading pony truck gives full coupling facilities in front as well · Cab windows are glazed · The eight-wheelec double bogie tender has an automatic coupling with the RELEX Advance uncoupler · 11 in. long over buffers

HEAVY FREIGHT

3047

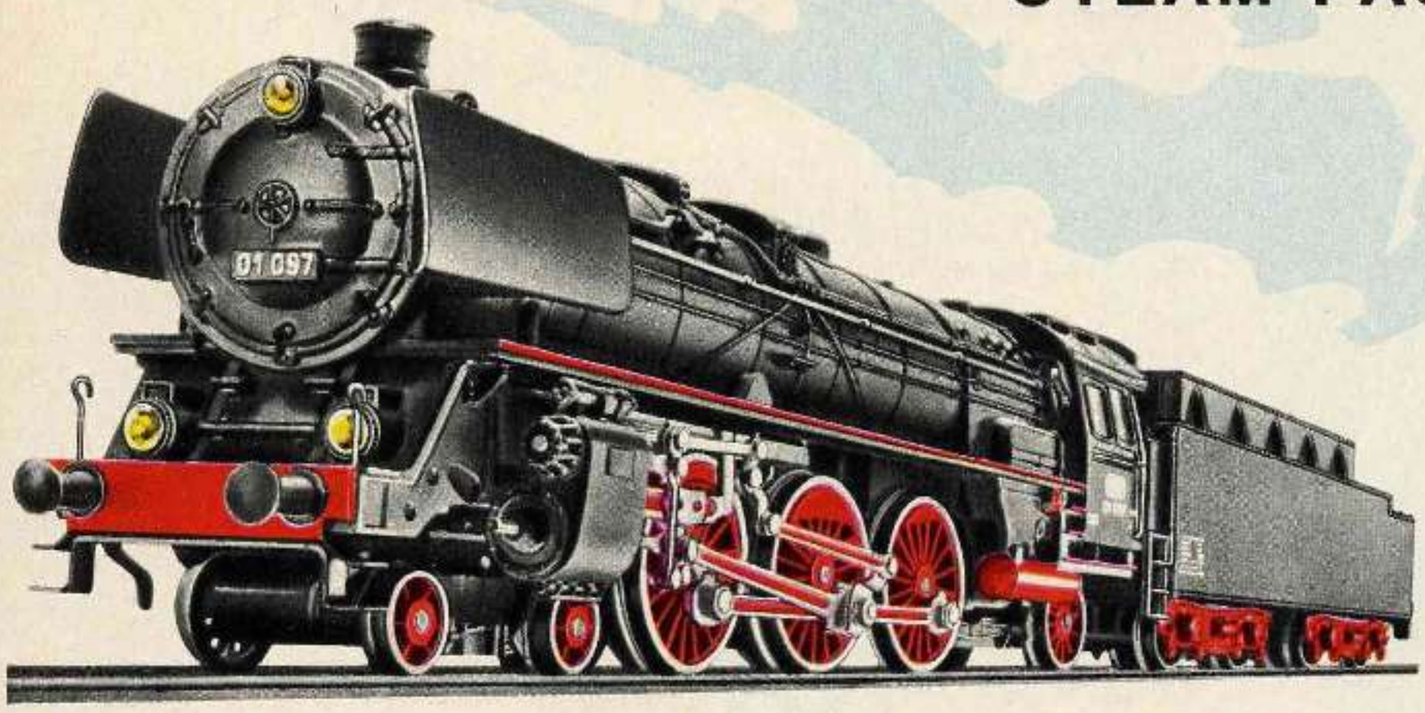
$ 41.50



This is one of the most powerful Steam locomotives in freight service on the German Federal Railways. The prototype Series 044 (44) locomotive develops almost 2000 horsepower. This magnificent machine is seen on long distance runs in areas which are not yet electrified. Because of the imposing look of this locomotive we have been very careful in modelling this piece of equipment.

Fair Trade prices in US Dollars

STEAM PASSENGER LOCOMOTIVE WITH SMOKE



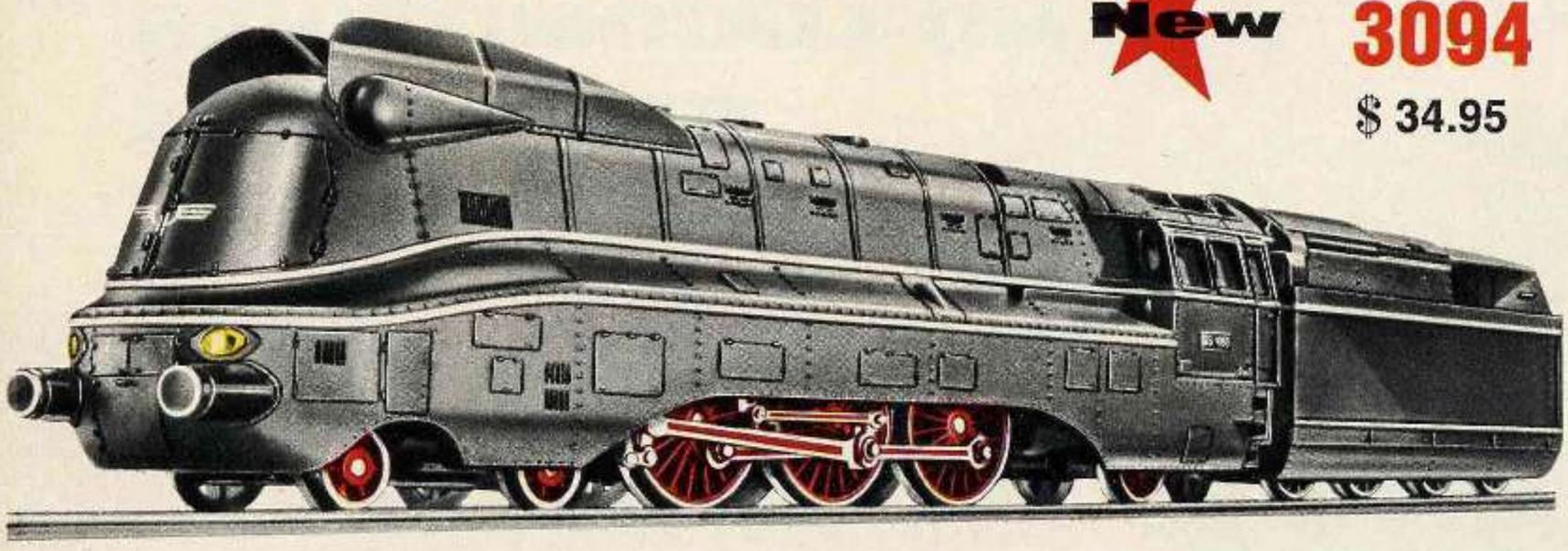
This passenger locomotive of Series 001 (01) is among the handsomest and most powerful in service on the German Federal Railways at the present time.

3048

$ 33.95

3048 PASSENGER LOCOMOTIVE · A model of the 4-6-2 Passenger locomotive Class 001 (01) of the German Federal Railways · Remote control reversing · Walshaerts valve gear · LOCOMOTIVE PRODUCES VERY REALISTIC SMOKE, the equipment consisting of the smoke unit, replacement steam pipe, cleaning wire, tweezers and smoke capsule (for refill see 0241 smoke fluid on page 51) · Special springing prevents leading and trailing trucks from derailing · Two special rubber tires on rear drivers to increase pulling power · Three working headlights · Black, all metal body · Die cast metal frame · Two truck tender with automatic Advance coupler (RELEX) · 11 in. long over buffers

STREAMLINED STEAM LOCOMOTIVE



New

3094

$ 34.95

After streamlined fairings had proven themselves in other locomotives because of the reduction of wind resistance at high speeds, the Class 03[10] locomotives were put into service with streamlined bodies in 1937. However, to make the maintenance of the frame easier the drivers were left uncovered. It was developed as a lighter version of the Class 01 locomotive with an original 17 ton per axle load and a top speed of 84 mph.

3094 STREAMLINED EXPRESS LOCOMOTIVE WITH TENDER · Model of the German Federal Railways Class 03[10] · 4-6-2 Wheel arrangement, Pacific type · Remote control reversing · Heusinger valve gear · Leading and trailing truck are sprung to prevent derailments · Rear drivers have rubber tires to increase pulling power · Two working headlights · Dull black die cast metal body in streamlined shape with silver stripes · Fully detailed cab and boiler backhead features · Windows have frosted glass panes · Die-cast metal underframe · Tender has two 4 wheeled trucks and delayed action automatic couplers (RELEX) · Length over buffers 10¾″

Fair Trade prices in US Dollars

LOCOMOTIVE WITH SMOKE AND MÄRKLIN TELEX-COUPLERS

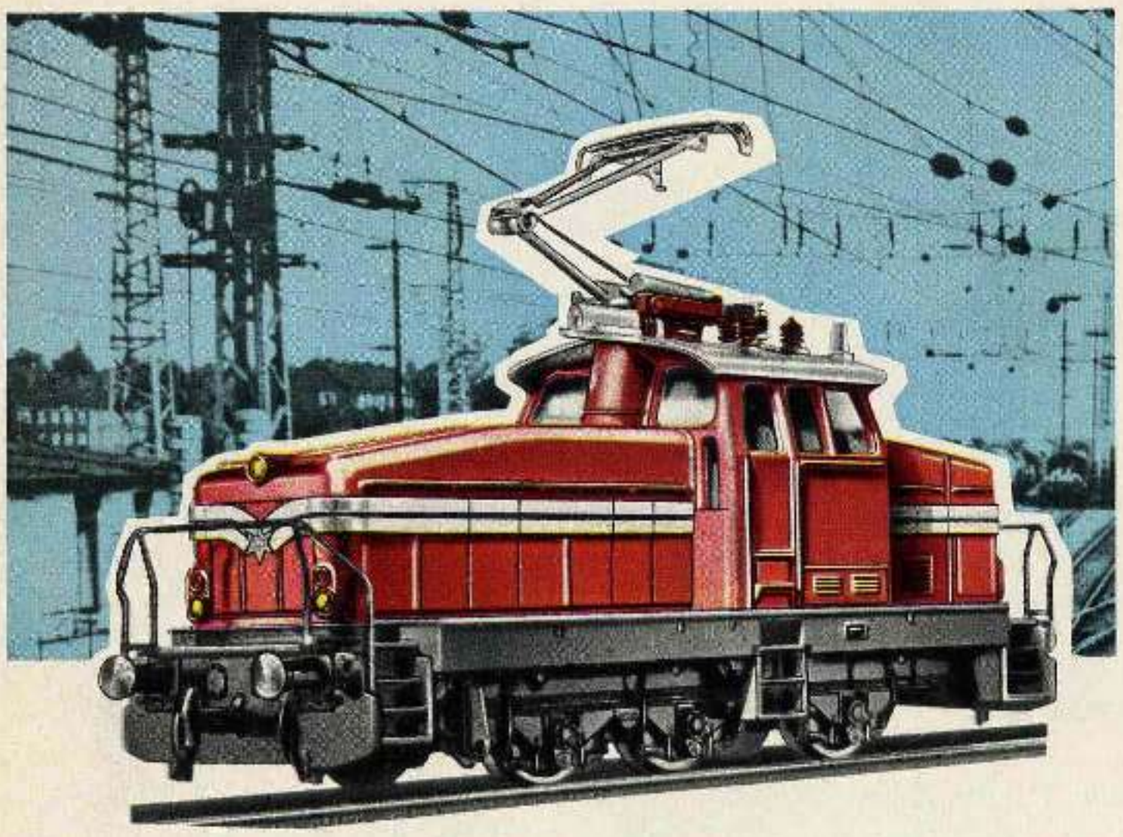
3047 HEAVY FREIGHT LOCOMOTIVE · A model of the German Federal Railways Class 044 (44) twelve-wheeled 2-10-0 locomotive, the engine and tender being permanently coupled together · Excellent running characteristics and easy running on curves are obtained by dividing the frame into two different groups of driving wheels · Remote control reversing · Simulated Walschaerts valve motion · THE ENGINE IS FITTED FOR GIVING OFF VERY REALISTIC ARTIFICIAL SMOKE, the equipment comprising the smoke unit fitted in the engine, substitute steam pipe, cleaning wire, tweezers and a cartridge of steam fluid (for the 0241 refill cartridge see page 51) · The spring suspension of the leading pony truck ensures safety against derailment · Four rubber tires to increase the pulling power · Three working headlights · Dull black pressure-cast zinc casing · Coupling hook fixed to leading truck provides full front coupling facilities · Scale model smoke deflector plates · Cab windows glazed with cellon · Pressure-cast zinc frame · Eight-wheeled double-bogie tender fitted with the MÄRKLIN TELEX coupling · 11 in. long over buffers

The MÄRKLIN TELEX coupling fitted in the tender enables the train to be uncoupled at any point on the system, and also coupled up again, by remote control from the transformer without requiring any extra equipment.

HAMO **8347**

$ 41.50

The same model as 3047, but for two rail, D.C. operation, (also see page 12)



ELECTRIC SWITCHING LOCOMOTIVE "EA 800"

3044 ELECTRIC LOCOMOTIVE · Model of the Mehrsystem-Industries Type EA 800 industrial locomotive · Six-wheeled with all axles powered · Two rubber tires to increase pulling power · Remote control reversing · Three working headlights on the front · Red plastic body with silver stripes · Single bar pantograph mounted on roof · Clear plastic windows · Metal die cast frame, painted grey, with finely detailed journal boxes · Coupling hooks at both ends · Length 4½" over buffers

3044

$ 17.50

Locomotive of this type are designed both for road and switching service on industrial lines, and for transfering cars to mainline railroads. They can draw power both from overhead power lines or from internal batteries. Maximum speed is approx. 35 mph. The locomotive with single axle drive developes 39,000 lbs. tractive effort. It weighs 60 tons and measures 32 feet in length.

REPLACEMENT PARTS FOR MÄRKLIN HO-LOCOMOTIVES

SEE PAGE 51

* H0-Rubber Tires
Current Pickup Shoes
Reverse Unit Springs
Lubricating Oil
Pantographs
Motor Brushes
Smoke Fluid

HAMO

HAMO Locomotives for two rail D.C. are equiped with permanent magnet motors and can be reversed by changing the polarity of the current. Electric locomotives have headlights on each end that change when you change the direction of the locomotive. These models will run on all tracks complying with NEM standards. A set of interchange couplings is supplied with each locomotive, allowing other makes of rolling stock to be coupled to it.

HAMO-Locomotives are a product MÄRKLIN

"194" (E 94) HEAVY ELECTRIC

The 194 (E 94) locomotive is the workhorse of the railroads. They have six traction motors with a total of 6350 horsepower, and a service weight of 120 tons. They have a maximum speed of 56 mph and are used mainly for heavy freight operations. The German Federal Railways have 124 of these impressive looking locomotives now in service.

DB



3034

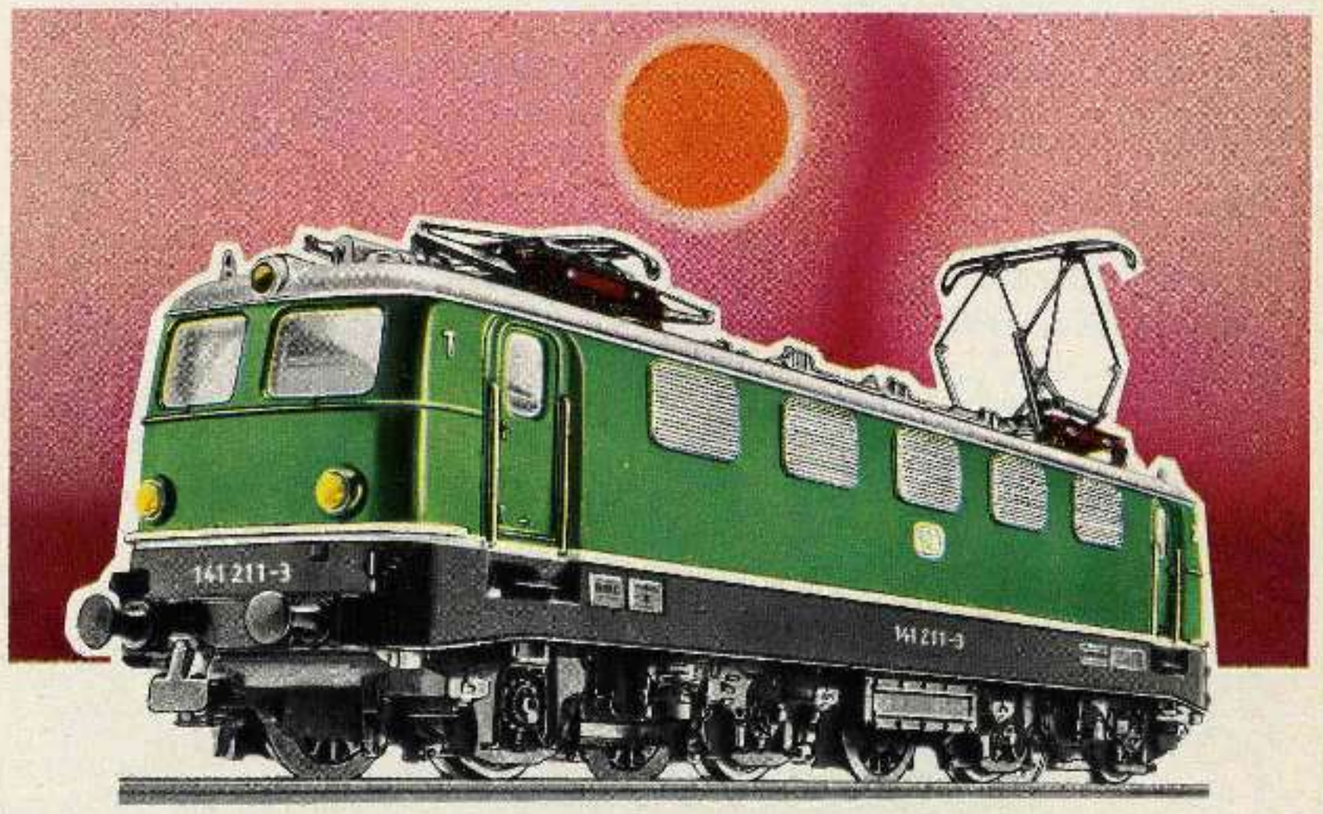
$ 21.50

3034 ELECTRIC LOCOMOTIVE · A model of the German Federal Railways' eight-wheeled 0-4-4-0 (Bo-Bo) Class 141 (E 41) locomotive · Both axles of the trailing bogie are driven and there are four special rubber tires to increase pulling power · Reversing by remote control, three working headlights, front and rear · Selector lever for optional working from either the overhead contact wire or surface contact · Two springloaded pantographs on roof · Blue all-metal body with silver roof and fixed buffer beams · Windows glazed with cellon · Coupling hooks with the Advance uncoupler both ends · 7 in. long over buffers



"141" (E 41) MULTI-PURPOSE ELECTRIC LOCOMOTIVE

The in service weight of the 141 (E 41) locomotive is 66.4 tons and is 50 feet in lenght. Its four traction motors exert 3100 horse power with a maximum speed of 75 mph. These locomotives are used for both fast passenger and freight service and are seen finished in either blue or green.



3037

$ 21.50

3037 ELECTRIC LOCOMOTIVE · A model of the German Federal Railways' Class 141 (E 41) locomotive · Similar to No. 3034 but with green body

FREIGHT LOCOMOTIVE

3022 ELECTRIC FREIGHT LOCOMOTIVE · A model of the twelve-wheeled 0-6-6-0 (Co-Co) Class 194 (E 94) locomotive on the German Federal Railways · Three axles are driven and there four special rubber tires to increase the pulling power · Reversing is by remote control, and the model has three working headlights, front and rear · Selector lever for optional working from either the overhead contact wire or surface contact · Two spring-loaded pantographs on roof · Inset windows with plastic frames · Automatic coupling with the RELEX Advance uncoupler at both ends · 8¼ in. long over buffers

3022

$ 35.95

The same model as 3022 but for two rail D.C. operation (also see page 12)

HAMO **8322** **$ 35.95**

3937

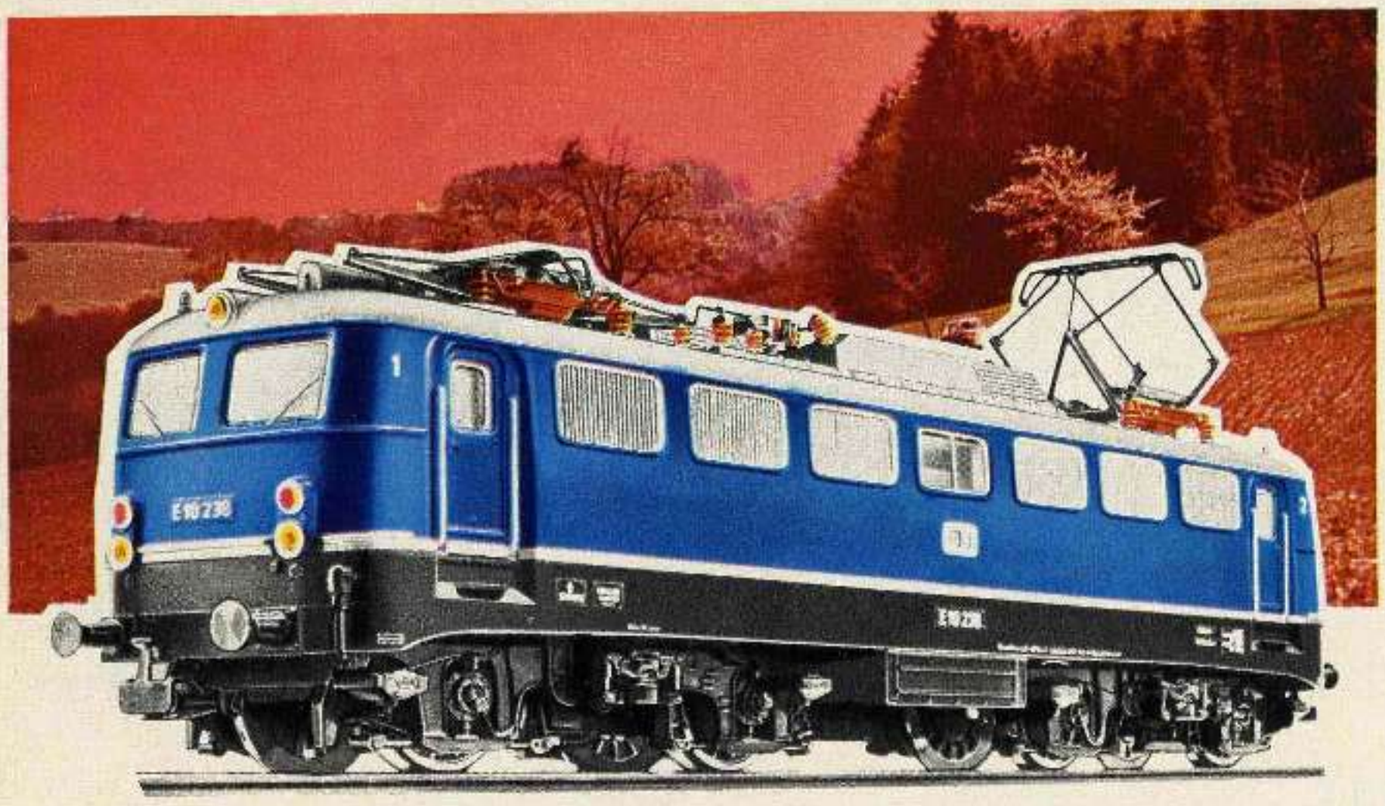
$ 19.50



"141" (E 41) LOCOMOTIVE KIT

3937 ELECTRIC LOCOMOTIVE KIT · This kit contains every thing necessary to build Model 3037 locomotive, except the light bulbs which must be purchased separately · The only tools needed are a screw driver and a pair of pliers · No soldering or painting is necessary · Complete illustrated instructions are included with the kit · The locomotive kits are more diffecult than the car kits

"110" (E 10) ELECTRIC EXPRESS LOCOMOTIVE



The Series E 10 and E 40 electric locomotives (which are now designated as 110 and 140 for use with the German Federal Railways new computers) were purchased in 1956. In outward appearance the only difference is the color, but their duties and power are entirely different. The 110 (E 10) is used as a passenger locomotive with a maximum speed of 90 mph, while the 140 (E 40) is used for freight service with a top speed of 60 mph. Both locomotives, however have a horsepower rating of 5000 and transmit their power to the axles through a standard differential, but different transmission. These locomotives measure almost 50 feet in length and when ready for service have a weight of 85 tons.
In addition to use in Germany, several of the 140 (E 40) locomotives were loaned temporarily to Switzerland, where they gave excellent service.

3039 $ 26.95

3039 ELECTRIC EXPRESS LOCOMOTIVE · A model of the two 4 wheeled truck 110 (E 10) locomotive of the German Federal Railways · Four wheel drive with rubber tires to increase the pulling power · Remote control reversing · Three working headlights at each end · Selector lever to pickup current from the overhead wires or track stud contacts · Blue, all metal body with solid buffers · Scale reproduction of all roof details, with two scale pantographs · Windows inset in plastic frames · Automatic Advance coupler at each end · 7 1/8 in. long over buffers

"140" (E 40) FREIGHT LOCOMOTIVE OF THE GERMAN FEDERAL RAILWAYS



3040 $ 26.95

3040 ELECTRIC FREIGHT LOCOMOTIVE · A model of the two 4 wheeled truck 140 (E 40) locomotive of the German Federal Railways · Four wheel drive with rubber tires to increase the pulling power · Remote control reversing · Three working headlights at each end · Selector lever to pickup current from the overhead wires or track stud contacts · Green, all metal body with solid buffers · Scale reproduction of all roof details, with two scale pantographs · Finely finished lettering · Windows inset in plastic frames · Automatic Advance coupler at each end · 7 1/8 in. long over buffers

THE "103" (E 03) – THE FASTEST, MOST POWERFUL LOCOMOTIVE ON THE GERMAN

Unmistakable by their modern aero-dynamic design, these are the fastest and most power locomotives in service in Germany. Six traction motors, one for each axle, produce 9000 horsepower and a rated speed of 125 mph but in service actually reach higher speeds. They are 62 feet in length with a weight of 112 tons. All the splendid features of the original are captured in this exquisite MÄRKLIN model.

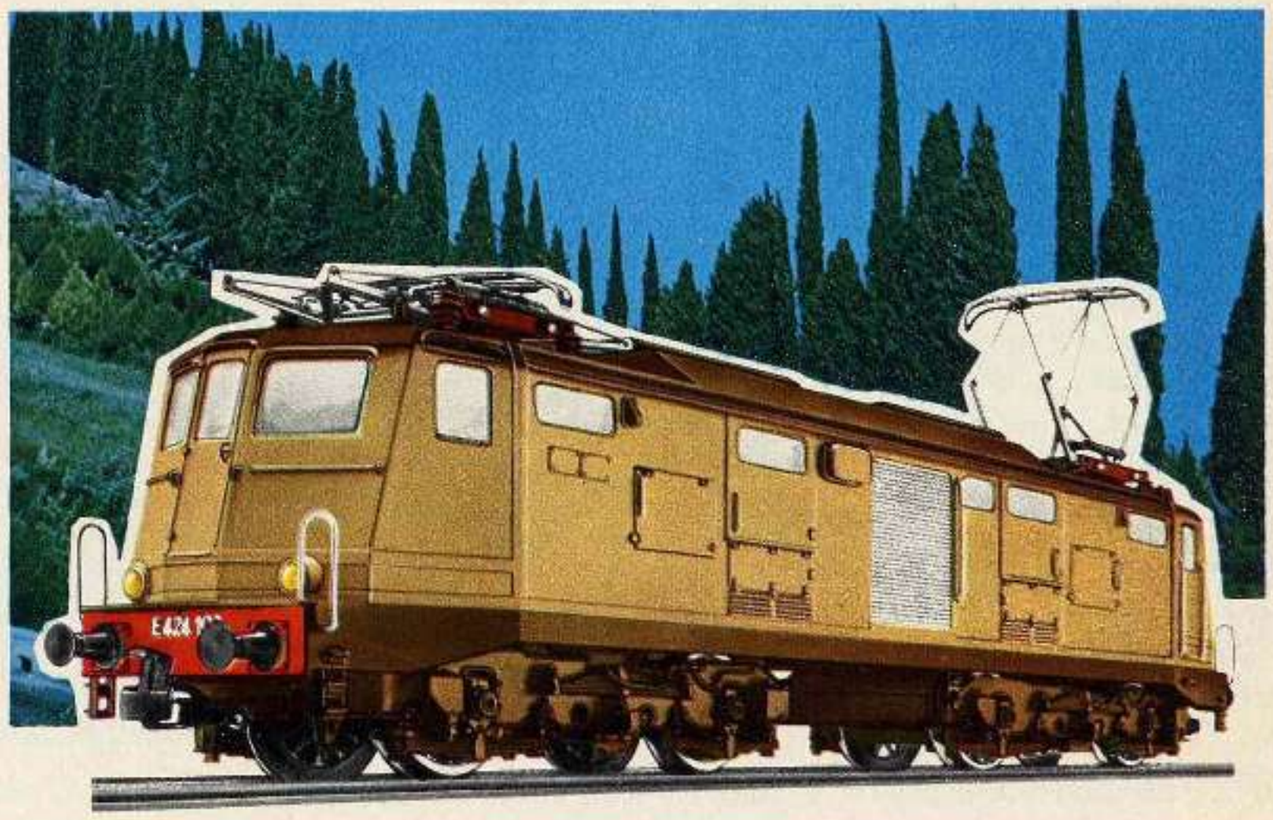


ITALIAN ELECTRIC LOCOMOTIVE

3035 $ 21.50

3035 ELECTRIC LOCOMOTIVE · A model of the Italian State Railways' eight-wheeled 0-4-4-0 (Bo-Bo) Class E 424 locomotive · Two axles are driven with four rubber tires to increase the pulling power · Reversing by remote control · Two working headlights front and rear · Selector lever for optional working from either the overhead contact wire or surface contact · Two spring-loaded pantographs on roof; all-metal casing with fixed buffer beams and windows glazed with cellon · Coupling hooks with the Advance uncoupler both ends · 6⅞ in. long over buffers

Fair Trade prices in US Dollars



AUSTRIAN ELECTRIC LOCOMOTIVE

3036 ELECTRIC LOCOMOTIVE · A model of the Austrian State Railways' eight-wheeled 0-4-4-0 (Bo-Bo) Class 1141 locomotive with four rubber tires to increase the pulling power · Remote control reversing · Two working headlights front and rear · Selector lever for optional working from either the overhead contact wire or surface contact · Two spring-loaded pantographs on roof · All-metal casing with fixed buffer beams · Windows glazed with cellon · Coupling hooks with the Advance uncoupler both ends · 6⅞ in. long over buffers

3036 $ 21.50

HAMO **8336** $ 21.50 The same model as 3036, but for two rail D.C. operation (also see page 12)



The full-sized original of this MÄRKLIN Model is in service on the Austrian Federal Railways chiefly on routes where conditions are favorable as regards gradients and directions. These locomotives weigh 80 tons each and have a one-hour rating of 3400 H.P., their maximum speed being about 70 miles an hour.

FEDERAL RAILWAYS

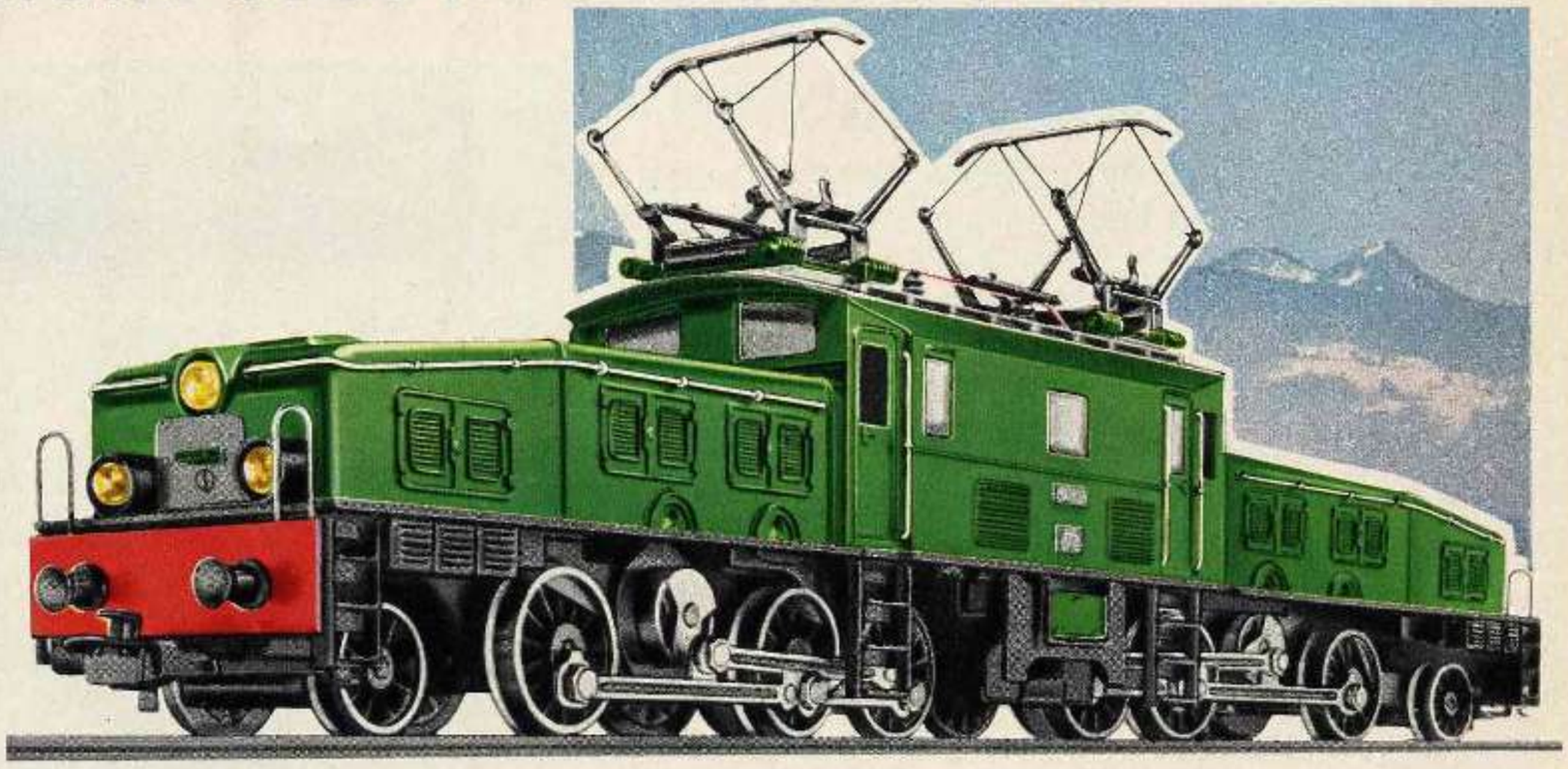
3053 $ 31.95



3053 ELECTRIC PASSENGER LOCOMOTIVE · A model of the twelve-wheeled Class 103 (E 03) locomotive of the German Federal Railways · Six wheel drive with four rubber tires to increase the pulling power · Remote control reversing · Three working headlight at each end · Working roof lights as on the prototype · Selector lever for picking up current from the overhead wires or from the track stud contacts · The locomotive frame, which extends to the silver stripe above the lower headlights is made of die cast metal · Special low center of gravity · Plastic body finished in the correct colors of the TEE (Trans European Express), red and beige · Plastic windows inset in frames · Two working pantographs on roof · Coupling hooks at each end · 8½″ over buffers

SWISS HEAVY FREIGHT ELECTRIC LOCOMOTIVE – "CROCODILE"

This giant 16 wheeled electric Swiss locomotive Be 6/8, nicknamed "The Crocodile", is the real "King of the Mountains". It is undoubtedly the most impressive locomotive of the Swiss Railways.
It is with particular pleasure that we have modeled this prototype with the greatest care in H0 scale.



3015 $ 59.95

3015 ELECTRIC FREIGHT LOCOMOTIVE—the " Crocodile" · A model of the sixteen-wheeled 2-6-6-2 Swiss locomotive · This articulated locomotive is able to negotiate the regular curves with ease · Remote control reversing · Two rubber tires to increase the pulling power · Three working headlights that change code as the locomotive changes direction · Selector lever for picking up current from the overhead wires or the track stud contacts · Two working pantographs on the roof · Green, all metal body · Frosted glass windows · Automatic Advance couplers (RELEX) at each end · 10¼" long over buffers



3050 $ 29.95

THE SWISS FEDERAL RAILWAYS' POWERFUL MULTI-PURPOSE LOCOMOTIVE

3050 ELECTRIC ALL PURPOSE LOCOMOTIVE · A model of the twelve-wheeled Series Ae 6/6 locomotive of the Swiss Federal Railways · Six wheel drive with four special rubber tires to increase the pulling power · Remote control reversing · Three working headlights at each end · Selector lever for picking up power from the overhead wires from the tracks stud contacts · Two working pantographs on the silver roof · Green die cast metal body with solid buffers · Scale details of the locomotive of the "Bern Kanton" · Frosted glass windows · Coupler hooks at each end · 7⅞" long over buffers · Crests of the other Swiss Cantons are supplied with this locomotive

The Swiss Railways ordered the Ae 6/6 for international passenger runs and for fast freight service. The locomotives weight of 120 tons with 6000 horsepower in its six motors, give it an enormous starting effort and climbing power. Maximum speed is 80 miles per hour. With all its giant power, it still has a particularly handsome appearance, and this was sufficient reason for us to model it most accurately.

These items are required for this layout:

19 – 5100	1 – 5210	10 – 7072	10 – 7133
78 – 5106	2 – 5214	10 – 7101	1 – 7134
20 – 5107	10 – 7000	1 – 7102	10 – 7135
4 – 5108	5 – 7005	3 – 7103	10 – 7190
1 – 5109	31 – 7009	2 – 7105	4 – 7195
4 – 5111	2 – 7010	15 – 7111	6 – 7209
8 – 5112	6 – 7013	25 – 7112	7 – 7250
8 – 5113	10 – 7014	40 – 7113	4 – 7251
2 – 5117	10 – 7015	1 – 7114	14 – 7252
1 – 5117 R	9 – 7018	55 – 7115	10 – 7253
6 – 5129	12 – 7019	2 – 7117	2 – 7262
2 – 5140	12 – 7023	20 – 7121	1 – 7263
6 – 5200	1 – 7039	40 – 7123	5 – 7267
2 – 5202	2 – 7040	40 – 7125	1 – 7268
3 – 5202 R	1 – 7041	2 – 7127	3 Transformers (30 VA)
8 – 5206	5 – 7042	10 – 7131	
1 – 5207	1 – 7051	25 – 7132	

(TRACK LAYOUT PLAN) Scale HO

FRENCH ELECTRIC LOCOMOTIVE

The prototype of our model is used for both freight and passenger service on the French National Railways. Its four motors develop an total of 5500 hp and gives the locomotive a maximum speed of 100 mph.



3038 **$ 23.50**

3038 ELECTRIC LOCOMOTIVE · A model of the eight-wheeled Class BB 9200 locomotive of the French Railways (Société Nationale des Chemins de Fer Français, or S.N.C.F.) for four wheel drive with four rubber tires to increase the pulling power · Remote control reversing · Two working headlights front and rear · Selector lever for picking up power from the overhead wires or from the track stud contacts · Two working pantographs on the roof · Turquoise all metal body, with glazed plastic windows · Automatic couplers at each end · 7 in. long over buffers

TRACK PLAN

FOR MÄRKLIN H0 LAYOUT ON PAGES 6, 7, 19, 24, 26, 28, 34, 38, 55 AND ON THE BACK COVER

5111 / B 1 B 1 Red and brown cables to the plugs of transformer 1

7010 B 2 B 2 Red cable to the plug of transformer 2

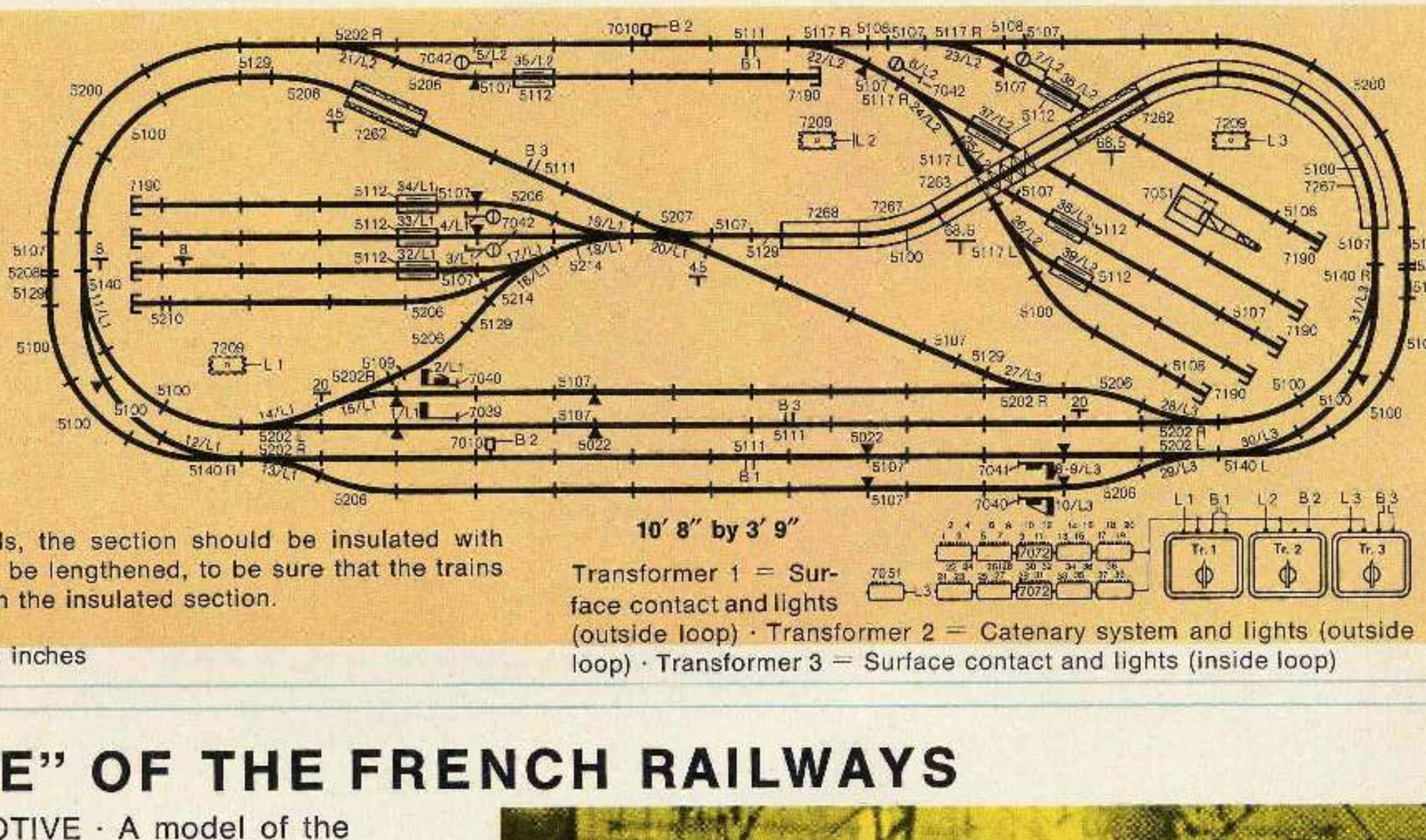
3 Blue cable to socket marked '3' on the control panel

7209 L 1 L 1 Yellow cable to 7209-L 1 distributor plate · From there to socket L 1 on the transformer

5022 Use 5022 center track tongue insulator to insulate sections

5022 If you use signals, the section should be insulated with 5022 (7022), it should be lengthened, to be sure that the trains will not coast through the insulated section.

68,5 Height of the piers in inches



10′ 8″ by 3′ 9″

Transformer 1 = Surface contact and lights (outside loop) · Transformer 2 = Catenary system and lights (outside loop) · Transformer 3 = Surface contact and lights (inside loop)

"LE CAPITOLE" OF THE FRENCH RAILWAYS

3059 ELECTRIC LOCOMOTIVE · A model of the S.N.C.F. eight-wheeled 0-4-4-0 (Bo-Bo) Class BB 9200 · Two axles are driven and four rubber tires to increase pulling power · Reversing is by remote control · Two working headlights, front and rear, and a selector lever is fitted for optional working from either the overhead contact wire or surface contact, with two single arm pantographs · Red all-metal body with windows glazed with cellon · Coupling hooks with the Advance uncoupler at both ends · 7 in. long over buffers

3059 **$ 25.50**

HAMO **8359** **$ 25.50** The same model as 3059, but for two, D.C. operation, (also see page 12)



The Class 9200 locomotive used for hauling the French high-speed train "Le Capitole", has a different gear ratio to the same locomotive of the standard series, and so can attain a higher speed. A train weighing 400 tons can be hauled by this locomotive at a speed of approximately 124 miles an hour.

SWEDISH ELECTRIC LOCOMOTIVE



3030

$ 23.95

3030 ELECTRIC LOCOMOTIVE for all service · A model of the Swedish State Railways Class Da locomotive · 2-6-2 wheel arrangement driven by geared jackshaft · Special springing prevents leading and trailing trucks from derailing · Two rubber tires on the drivers for increased pulling power · Three working headlights on each end · Selector lever for current pickup from the overhead contact wires or the track stud contacts · Two scale pantographs on the roof · Brown all metal body with solid buffers · Die cast metal frame · Automatic Advance couplers (RELEX) at each end · 5⁷/₈″ long over buffers

The Da type locomotive is used by the Swedish Railways (Statens Jarnvagar) for both freight and passenger service. Because these locomotives have only one motor and are relatively light, 15 tons, they are equipped with side rods driven from a jackshaft. This prevents slipping of individual wheels when the locomotive is starting.

SWEDISH FREIGHT AND PASSENGER LOCOMOTIVE



3043

$ 27.50

3043 MIXED TRAFFIC ELECTRIC LOCOMOTIVE · A model of the eight-wheeled Class Rc Locomotive of the Swedish State Railways (Statens Jarnvagar) · Four wheel drive with four rubber tires to increase the pulling power · Remote control reversing · Four working headlights at each end · Selector lever for picking up power from the overhead wires or track stud contacts · Orange plastic body with glazed windows inset in frames · Two spring loaded pantographs on roof · Die cast metal frame · Coupler hooks at each end · 6⁷/₈ in. long over buffers

The Swedish State Railways plan to have 60 of these locomotives in service. The A.C. power taken from the overhead wires on the prototype, is converted to D.C. in the locomotive to provide power for the four traction motors, delivering a total of 5000 hp. These locomotives weighing 76 tons, attain a top speed of 84 mph. The total lenght over the buffers is 51 ft. 9 in.

Fair Trade prices in US Dollars

NETHERLAND RAILWAYS ELECTRIC LOCOMOTIVE



3051

$ 28.95

3051 ELECTRIC LOCOMOTIVE · A model of the twelve-wheeled 0-6-6-0 (Co-Co) 1200 Series locomotive on the Netherlands Railways (Nederlandse Spoorwegen, or N.S.) · Three axles are driven and four rubber tires to increase the pulling power · Reversing is by remote control · Three working headlights, front and rear · Selector lever for optional working from either the overhead contact wire or surface contact · Blue all-metal body with fixed buffer beams and two spring-loaded pantograph on silver roof · Inset windows with plastic frames · Coupling hooks at both ends · 7³/₄ in. long over buffers

The Netherlands Railways ordered altogether 25 of these 1200 Series locomotive built to American design for heavy mixed traffic. At a speed of approximately 45 miles an hour the six traction motors develop a total of 3000 H.P. The maximum speed is 84½ miles an hour and the locomotives are 59 ft. long. This locomotive with a few modifications, was also used by the New Haven Railway in the United States.


Esso
HELL
KABA

THE "DHG 500" DIESEL-HYDRAULIC LOCOMOTIVE



3078 **$ 13.95**

3078 DIESEL LOCOMOTIVE · A model of a six-wheeled 0-6-0 (C) Works locomotive known as the DHG 500 type · All axles are driven, with two special rubber tires to increase pulling power · Remote control reversing · Three working headlights, front and rear · Blue plastic body with two silver decorative bands · Window openings backed with cellon · Die cast metal frame · Side frames with scale reproductions of the axle boxes · Strong coupling hooks at both ends · $4^{2}/_{5}$ in. long over buffers

The prototype of these small diesel locomotives with hydraulic transmissions are approximately 40 feet long and yet pack many hundred horsepower under the hood. The locomotives are equipped with heavy duty transmissions which allow them to be used for long periods of time without service. These industrial locomotives (MÄRKLIN models 3078, 3080) are designed with windows at the bottom of the engineers cab which allows direct vision to the buffers for accurate switching.

INDUSTRIAL LOCOMOTIVE



3080 **$ 11.95**

3080 DIESEL LOCOMOTIVE · A model of a six-wheeled 0-6-0 (C) Works locomotive · All axles are driven and there are two special rubber tires to increase pulling power · Remote control reversing · Yellow plastic body with two dark decorative bands; pressure-cast frame · Strong coupling hooks at both ends · $4^{2}/_{5}$ in. long over buffers

Fair Trade prices in US Dollars

TELEX see page 8

"260" (V 60) DIESEL HYDRAULIC SWITCHING LOCOMOTIVE WITH MÄRKLIN-TELEX-COUPLERS



3065 **$ 23.50**

3065 DIESEL LOCOMOTIVE · A model of the six-wheeled 0-6-0 (C) Class 260 (V 60) locomotive on the German Federal Railways · The three axles are driven and reversing is by remote control · Two special rubber tires to increase the pulling power · Three working headlights, front and rear, exactly the same as on the full-sized original · Red plastic body with numerous details and inset windows with plastic frames · Die cast metal frame · MÄRKLIN TELEX COUPLING at both ends · $4^{3}/_{4}$ in. long over buffers

WITH STANDARD COUPLERS

3064 **$ 18.95**

3064 DIESEL LOCOMOTIVE · A model of the German Federal Railways Class 260 (V 60) · SIMILAR TO THE 3065 BUT WITH ADVANCE COUPLERS AT EACH END, NOT TELEX COUPLERS

DIESEL HYDRAULIC LOCOMOTIVE "212" (V 100)

3072 DIESEL LOCOMOTIVE · A model of the eight-wheeled truck (BB) Class 212 (V 100) diesel of the German Federal Railways · Four wheel drive with rubber tires to increase the pulling power · Remote control reversing · Three working headlights at each end · Die cast metal underframe with solid buffers · Red plastic body with fine details, scale handrails · Windows inset in plastic frames · Automatic couplers (RELEX) at each end · 5½ in. long over buffers
The front and rear cabs of the 3072 could be kept narrow as on the prototype due to a specially designed motor and gear arrangement.

3072
$ 23.50



The 212 (V 100) is a multi purpose diesel a full 40 feet long and weighing 63,2 tons. The new types have 1350 horse power, which is transmitted hydraulically through universal drive shafts to all four axles.
In order to use the locomotive for both freight and passenger service a special dual ratio transmission is provided, that can be operated from the cab.
In the low ratio the locomotive has maximum power but a fairly low speed 44 mph, while in high ratio is reaches speeds of 65 mph.

DIESEL LOCOMOTIVE "216" (V 160)

3075 DIESEL LOCOMOTIVE · A model of the eight-wheeled 0-4-4-0 Class 216 (V 160) of the German Federal Railways · Four wheel drive with rubber tires to increase the pulling power · Remote control reversing · Three working headlights at each end · Red and grey plastic body with scale details, grey roof · Windows inset in plastic frames with simulated windshield wipers · Die cast metal frame with solid buffers · Automatic Advance couplers (RELEX) at each end · 7 in. long over buffers

3075
$ 21.50



HAMO **8375** **$ 21.50** The same model as 3075, but for operation on two rail, D.C. (see also page 12)

The 216 (V 160) locomotive designed for medium mainline service, develops 1900 horse power giving it a maximum speed of 75 mph. It is 52 feet long and weighs 79 tons fully serviced.

DIESEL HYDRAULIC EXPRESS LOCOMOTIVE "220" (V 200)

3021 DIESEL LOCOMOTIVE · A model of the German Federal Railways 220 (V 200) locomotive with two 4 wheel trucks (BB) · Four wheel drive with rubbers tires to increase the pulling power · Remote control reversing · Three working headlights at each end · Red and grey all metal body with solid buffers and grey roof · Frosted glass windows · Automatic advance couplers at each end · 8¼ in. long over buffers

3021
$ 22.95

ALSO IN KIT FORM

3921
$ 18.50



3921 DIESEL LOCOMOTIVE CONSTRUCTION KIT · Containing all component parts required for building the 3021 diesel locomotive, except lamp bulbs (though the locomotive can be lit up) · Requires only a screwdriver and a pair of pliers for assembling, there being no painting or soldering to be done · Assembling this locomotive is rather more difficult than building coaches or wagons · Illustrated instructions are supplied with every Construction Kit

BRITISH "WARSHIP CLASS" DIESEL LOCOMOTIVE



3073 **$ 21.50**

3073 DIESEL LOCOMOTIVE · A model of British Rail's (BR) eight-wheeled 0-4-4-0 (BB) "Warship" Class locomotive · Both axles of one bogie are driven and four special rubber tires to increase pulling power · Remote control reversing · Two working headlights front and rear · Plastic body with fine details · Pressure-cast zinc bearers with fixed buffer beams forming the underpart for improving the centre of gravity · Dark green body and bearers with grey roof · Windows glazed with cellon · Coupling hooks with the Advance uncoupler at both ends · 8 3/10 in. long over buffers

The "Warship" Class locomotives were built in British Rail's Swindon Works in 1958 to the design of the German 220 (V 200) locomotive. All locomotives of this type bear names such as "Formidable", "Albion", "Majestic" and so on. Transmission is hydraulic, and the power developed is 2200 H.P.

BELGIAN RAILWAYS DIESEL LOCOMOTIVE



3066 **$ 24.95**

3066 DIESEL LOCOMOTIVE · A model of the Belgian State Railways (SNCB) twelve-wheeled 0-6-6-0 (Co-Co) Type 204 locomotive · Three axles are driven and four rubber tires to increase the pulling power · Remote control reversing · Three headlamps to light up, front and rear · Green pressure-cast zinc body with black roof, fixed buffer beams and inset windows with plastic frames · Coupling hooks at both ends · 8 in. long over buffers

The Belgian Type 204 locomotives are also engaged in hauling light goods trains as well as passenger and express trains in traffic crossing the frontier into Germany. They have diesel-electric drive and develop a total of 1750 H.P. giving them a maximum speed of about 87½ miles an hour.

DANISH RAILWAYS DIESEL-ELECTRIC LOCOMOTIVE



3067 **$ 24.95**

3067 DIESEL LOCOMOTIVE · A model of the twelve-wheeled 0-6-6-0 (Ao 1 Ao) (Ao 1 Ao) Type My 1100 Statsbaner (D.S.B.) · Three axles are driven and there are four special rubber tires to increase the pulling power · Remote control reversing · Three working headlights, front and rear · Red-brown pressure cast zinc body with grey roof and fixed buffer beams · Inset windows with plastic frames · Coupling hooks at each end · 8 in. long

The My 1100 Type diesel-electric multi-purpose locomotives on the Danish State Railways (DSB) are very similar to the Belgian Type 204. Among other services they haul the international expresses over the direct "Vogelflug" connection (the line "as the crow flies").

NORWEGIAN RAILWAYS DIESEL ELECTRIC LOCOMOTIVE

3068 DIESEL LOCOMOTIVE · A model of the Norwegian State Railways' (Norske Statsbaner, or N. S. B.), twelve-wheeled 0-6-6-0 (Co-Co) Type Di 3 locomotive · Three axles are driven and there are four rubber tires to increase the pulling power · Fitted with reversing gear · Three working headlights front and rear · Redbrown all-metal body with silver roof and roof fittings · Fixed buffer beams, inset windows with plastic frames · Coupling hooks at both ends · 8 in. long over buffers

3068
$ 25.95



Diesel locomotives are being used in increasing numbers on the Norwegian State Railways' lines in mountainous regions that are not yet electrified. The diesel engine of the Type Di 3 develops 1900 H.P. with which the locomotive can reach a maximum speed of some 62½ miles an hour. In general design this locomotive resembles the Belgian Type 204 and also the Danish Type My 1100 locomotives, but has more detail.

AMERICAN "F 7" DIESEL LOCOMOTIVE OF THE UNION PACIFIC RAILROAD

3061 DIESEL LOCOMOTIVE · A model of the American EMD F 7 eight-wheeled locomotive built by the Electro-Motive Division of General Motors for the Union Pacific Railroad · Remote control reversing · Two axles are powered and four wheels are fitted with special rubber tires to increase the pulling power · Working headlights · All metal body with clear plastic windows · Front and rear couplers with Advance coupler at the front and RELEX Advance uncoupler at the rear · 6⅞ in long

3061
$ 19.95



4061 LOCOMOTIVE WITHOUT POWER to match the 3061 Union Pacific locomotive · Eight-wheeled · Working headlights · All metal body with clear plastic windows · Equipped with the Advance coupler on the front · 6⅞ in. long

$ 11.50 **4061**

AMERICAN "F 7" DIESEL LOCOMOTIVE OF THE SANTA FE RAILWAY

3060 DIESEL LOCOMOTIVE · A model of the American Type F 7 eight-wheeled 0-4-4-0 (Bo-Bo) locomotive built by the Electro-Motive Division of General Motors for the Atchison, Topeka and Santa Fé Railroad · Remote control reversing · Two axles are driven and there are four rubber tires to increase pulling power · Working headlights, scale model lighting · All-metal body windows glazed with cellon · Coupling hook with the Advance uncoupler at driver's cab end, and automatic coupling with the RELEX Advance coupler at the trailing end · 6⅞ in. long

3060
$ 19.95



4060 DIESEL LOCOMOTIVE WITHOUT POWER, to match the 3060 Santa Fé locomotive · Eight-wheeled · Working headlights · All metal body with clear plastic windows · Equipped with Advance coupler on the front · 6⅞ in. long

4060
$ 11.50

MULTIPLE-UNIT TRAINS



TWO UNIT ELECTRIC RAILTRAIN

3076 TWO UNIT RAILTRAIN · A model of the battery powered multiple unit train Class 515/815 (ETA 150 + ESA 150) of the German Federal Railways
Rail Motor Car: 8 wheeled with four wheels driven · All driving wheels equipped with rubber tires to increase pulling power · Reversing by remote control · Red plastic body · Interior fittings with lighting system · Plastic windows inset in frames · Silver roof
Trailer Car: 8 wheeled · Connected to the Motor Car by a permanent coupling · Red plastic body · With complete interior, seating arrangement, 2 seats on each side of center aisle · Interior lighting system · Plastic windows inset in frames · Silver roof
Both units equipped with three headlights that show white when running forward and automatically change to two red lights when reversed · Coupler hooks at each end · Length of train over buffers 19½″

The same model as 3076, but for two rail, DC operation (also see page 12)

HAMO **8376** **$ 39.95**



The Motor Railcar Class 515 (ETA 150) — usually coupled to Trailer Car 815 (ESA 150) — are used on both branch-line railway divisions and on main divisions in express

3070 "TEE" THREE UNIT TRAIN

$ 59.95

TEE

The TEE Train illustrated consists of the 3070 three car set plus the 4070 First Class Coach making the normal four car train. The length of the complete train is 37 in.

4070 **$ 13.95**



3070 THE TEE THREE-CAR MULTIPLE-UNIT TRAIN · A model of the Netherlands-Swiss Trans-Europa Express Train, consisting of a driving car, a composite First Class, and restaurant car, and a car with a spacious saloon-type First Class compartment, together with a control cabin for the driver · The model train is 27½ in. long
The twelve-wheeled driving car has three axles driven with four rubber tires to increase pulling power · Reversing is by remote control · Dull black pressure-cast zinc underframe with reproduction of the drivers seats · Plastic body with plastic-framed inset windows
The Restaurant and control cars are each eight-wheeled with two bogies exactly as the full-sized originals · Plastic bodywork with interior lighting giving an excellent illuminated effect by light distributors · Plastic-framed inset windows · The three units are coupled together by special very close couplings, with very closely-covered connections between the cars · The driving and control cars carry white three lamp working headlights and also two red tail lights, all switching over automatically when the train reverses its running direction · One current collector each on the driving and control cars, the front one in the direction of travel picking up the traction current in each case · A pair of tweezers is included in the box for the set

RAILBUS AND TRAILER

3016 RAILBUS · A model of the German Federal Railways 795 (VT 95) unit · Four-wheeled, with one axle driven and rubber tires to increase pulling power · Remote control reversing · Working headlights at both ends, with interior lighting by two bulbs · Red plastic body with cast metal frame and windows glazed with cellon · Special couplings at both ends for close-coupling the cars together · 5⅞ in. long over buffers

3016

$ 15.95



4018

$ 5.95

4018 RAILBUS TRAILER · A model of the German Federal Railways' 995 (VB 142) unit · Four-wheeled, with plastic body and windows with cellon glazing · Red tail lights at both ends and one bulb for interior lighting · Pickup shoe for lighting current · Special coupling to fit railbus only · 4¾ in. long over buffers

New

3076

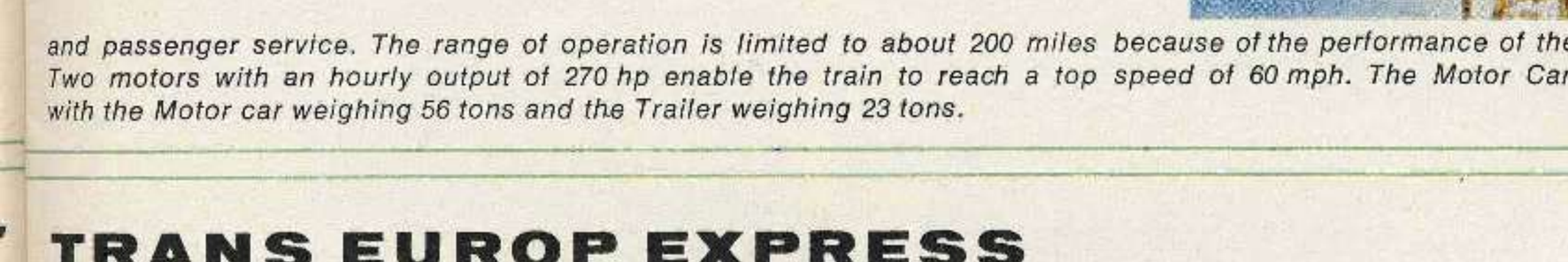
$ 39.95



and passenger service. The range of operation is limited to about 200 miles because of the performance of the storage batteries carried as the power source. Two motors with an hourly output of 270 hp enable the train to reach a top speed of 60 mph. The Motor Car and the trailer each measure 46 ft in length, with the Motor car weighing 56 tons and the Trailer weighing 23 tons.

TRANS EUROP EXPRESS

Five complete trains of the Netherlands-Swiss TRANS-EUROPEAN-EXPRESS are now in service. The locomotive has three diesel engines with a total of 2300 hp giving the train a top speed of 87½ miles per hour. The windows do not open in the cars, due to the high speed and the air conditioning system. As in all TEE trains, there are only first class cars, each with 144 seals. The dining car has room for 32 diners.





4070 TEE FIRST CLASS COMPARTMENT COACH · Eight-wheeled, with two bogies exactly as on the original car · Plastic body with interior lighting consisting of light distributing bars and two bulbs giving excellent illumination · Windows inset in individual plastic frames · Movable diaphrams at each end of car · Special couplers to connect with the TEE train only · 9 in. long

HAMO

8370 The same model as 3070, but for two rail D.C. operation, (also see page 12)

$ 59.95

8470 The same model as 4070, but for two rail D.C. operation, (also see page 12)

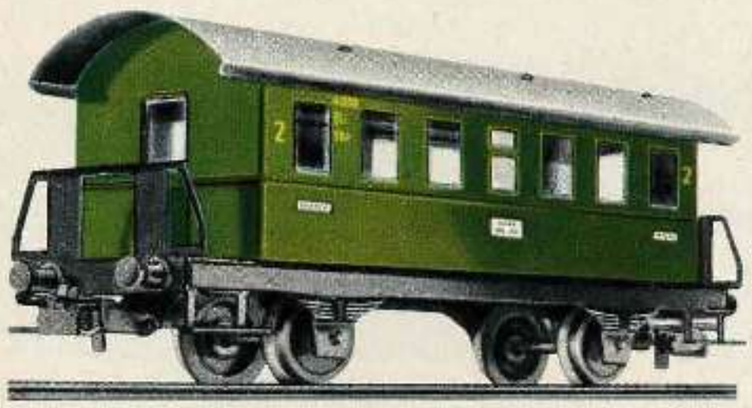
$ 13.95

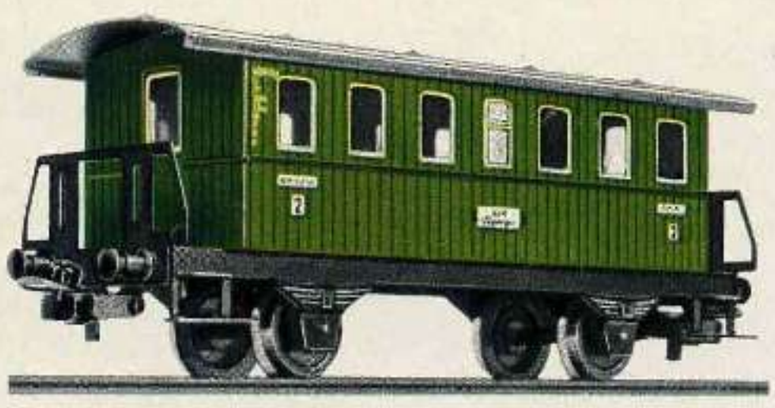
Fair Trade prices in US Dollars


SPEISERAUM

PASSENGER CARS

WITH AUTOMATIC COUPLING AND UNCOUPLING





Coaches from the "good old days", these cars that first began service more than 50 years ago are still in service in some areas. They are especially appropriate when used with the tank locomotive 3029 (see pages 3 and 8). This will provide you with an exact replica of many of the trains that operated in Europe around the turn of the century.

4000 $ 1.50

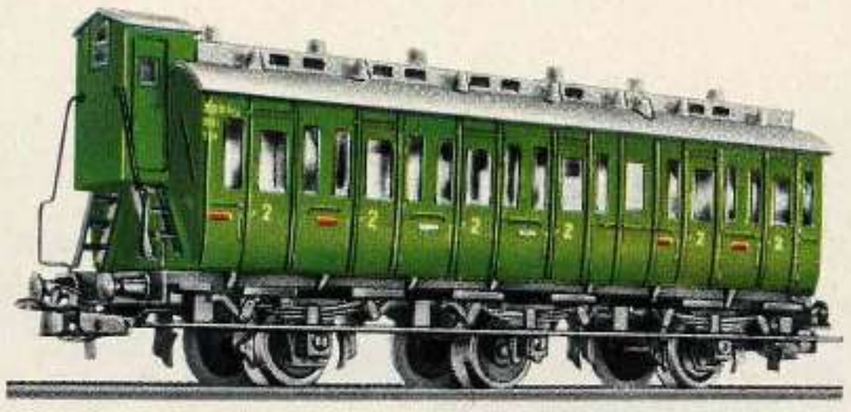
4000 PASSENGER COACH · Platform and doors at each end · Open windows · Dark green body, grey roof · 4½" long over buffers

4040 $ 1.50

4040 PASSENGER COACH, four-wheeled, with platforms and entrances at both ends · Cut-out windows, coach body green with silver-grey roof · Length about 4½ in. over buffers

Fair Trade prices in US Dollars





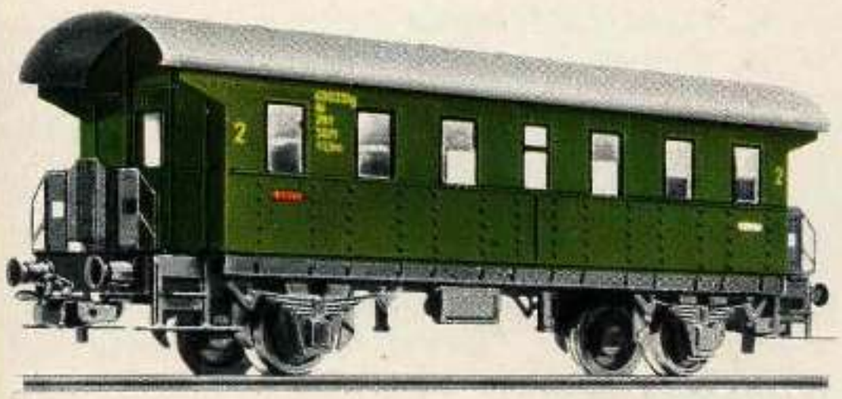
4004 $ 4.50

4004 COMPARTMENT COACH, six-wheeled, sides opening into six compartments · Fixtures for fitting interior lighting 7074 · Windows glazed with cellon · Body dark green with grey roof · Nummerous inscriptions and markings · Length about 5¼ in. over buffers

4005 $ 5.00

4005 COMPARTMENT COACH WITH BRAKEMAN'S CABIN · Six-wheeled with doors for six compartments · Designed to accept interior lighting 7074 · Clear plastic windows · Dark green body with grey roof · Lettered with scale markings · Length over buffers 5¼"

Branchline passenger cars. Designed to accept interior lighting. Dark green body. Grey roof. 5¼ in. long over buffers.



4002 $ 2.75

4002 PASSENGER COACH with end platforms and entrances · Windows glazed with cellon · A reproduction in miniature of the Bi 28 standard passenger coach on the German Federal Railways



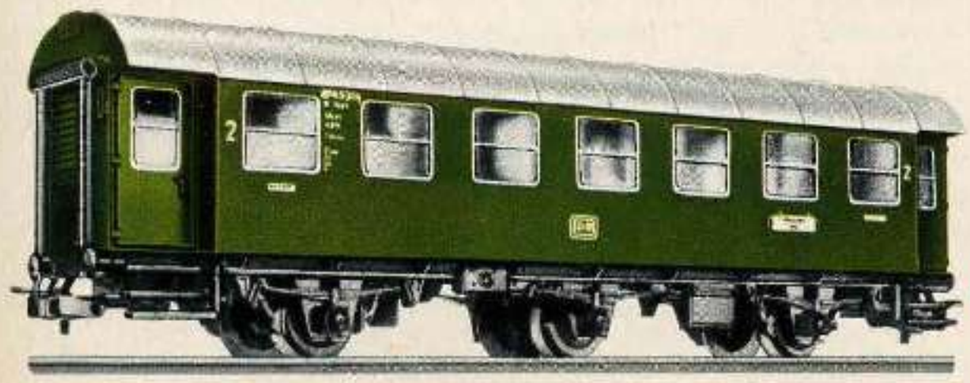
4003 $ 2.75

4003 LUGGAGE VAN with sliding doors both sides and roof look-out for guard's compartment · A miniature reproduction of the Di 28 van on the German Federal Railways



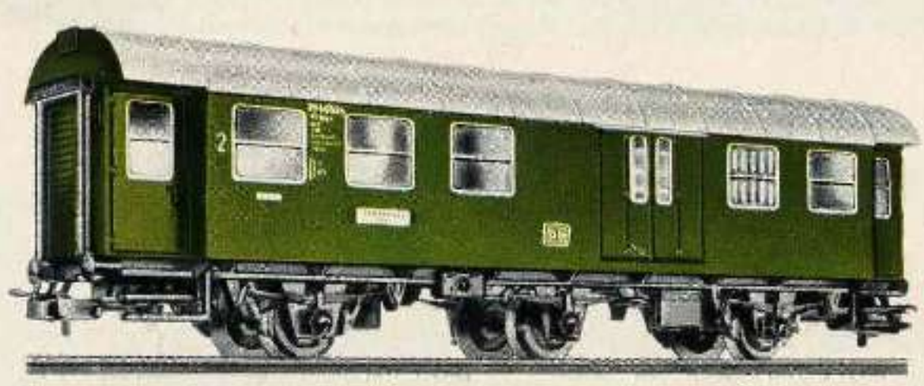
4041 $ 4.00

4041 LUGGAGE VAN like 4003, but equipped with tail lights and current pickup shoe



4079 $ 4.50

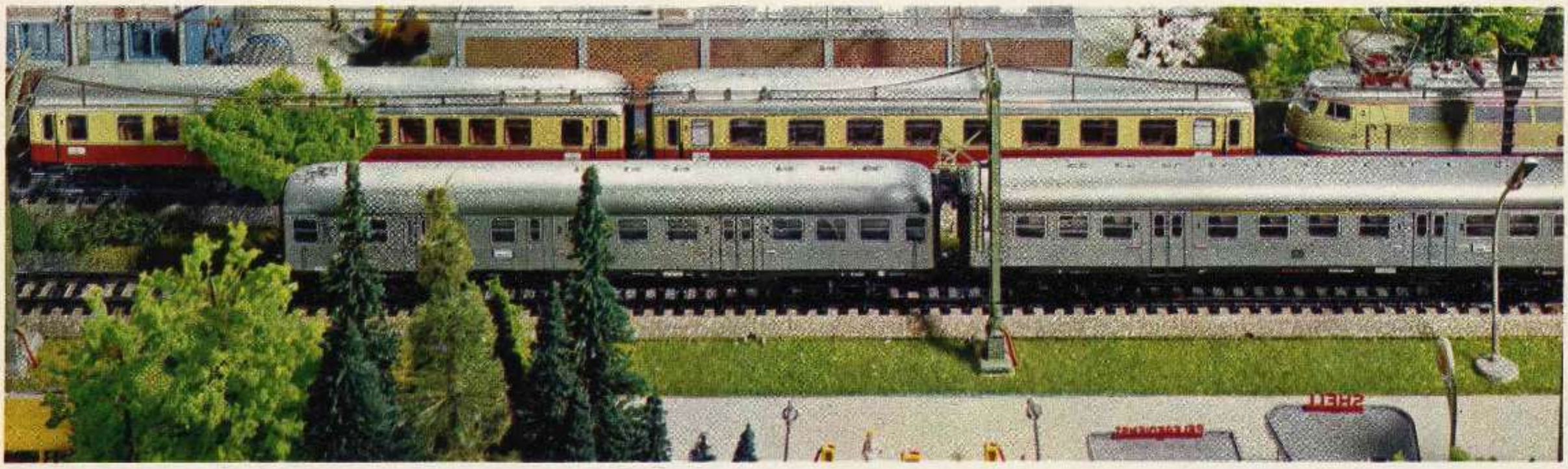
4079 PASSENGER CAR · Second class, six-wheeled coach · A model of the German Federal Railways type B3yge · Dark green body with inset plastic window frames · Simulated rubber diaphrams on ends · Silver roof · Length 6" · Provision for fitting the 7074 lighting equipment (see page 54)



4080 $ 4.50

4080 PASSENGER CAR WITH BAGGAGE COMPARTMENT · Second class, six-wheeled coach · A model of the German Federal Railways type BD3yge · Dark green body with inset plastic window frames · Simulated rubber diaphrams on ends · Silver roof · Length 6" · Provision for fitting the 7074 lighting equipment (see page 54)

COMMUTER COACHES



COMMUTER COACHES OF THE GERMAN FEDERAL RAILWAYS

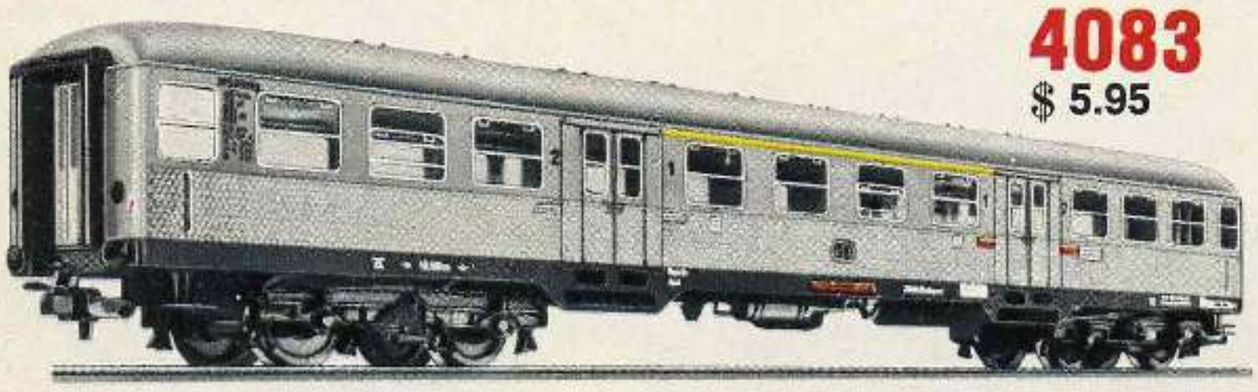


4082
$ 5.95

New

WITH INTERIORS

4082 LOCAL PASSENGER COACH · Second Class · Model of the German Federal Railways Type B4nb · Two 4 wheeled bogies · Body in stainless steel color with peacock-eye pattern · Modern scale lettering · Fitted with complete interiors · Plastic windows inset in frames · Removable roof in silver with grey weathering · 9½″ long · Interior can be lit using 7077 lighting set (see page 54)



4083
$ 5.95

4083 LOCAL PASSENGER COACH · First and Second Class · Model of the German Federal Railways Class AB4nb · Two 4 wheeled bogies · Body in stainless steel color with peacocks-eye pattern · Modern scale lettering · Fitted with complete interiors · Plastic windows inset in frames · Removable roof in silver color with grey weathering · 9½″ long · Interior can be lit using 7077 lighting set (see page 54)



4081
$ 8.50

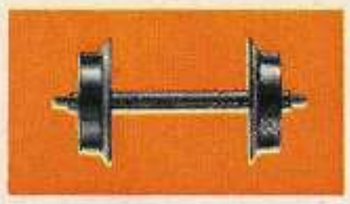
WITH DRIVERS CAB AND BAGGAGE ROOM

4081 LOCAL PASSENGER COACH WITH DRIVERS CAB AND BAGGAGE COMPARTMENT · Second Class · Model of the German Federal Railways Type BD4nf · Two 4 wheeled bogies · Body in stainless steel color with peacocks-eye pattern · Modern scale lettering · Fitted with complete interiors · Plastic windows in inset frames · Removable roof with dummy signal horn · Head lights on Driver's Cab end of car which change from three white lights when running forward to 2 red lights when running in reverse · 9½″ long · Interior can be it using 7077 lighting set (see page 54)

Fair Trade prices in US Dollars

MÄRKLIN-HAMO

for two rail operation



7589
$ 1.25

SET OF WHEELS, consisting of 4 axle sets · For converting the TEE Coaches as shown on page 29 for two rail operation

TEE-COACHES WITH FULL SCALE INTERIORS

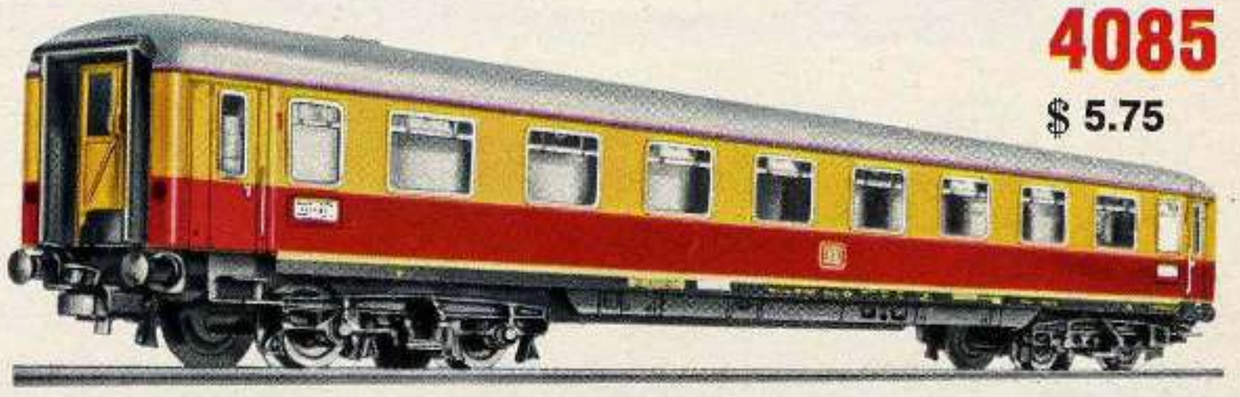
EXCLUSIVE AND WELL-DESIGNED

We offer here, the stars of the German Federal Railways, the TEE cars for operation with electric locomotives (different from the diesel TEE train on page 24). These are the best equipped, most comfortable and undoubtly the most beautiful equipment on the German Federal Railways. We have retained all these fine features in the models (the design of the cars is the same as the express coaches on pages 30/31).



4090
$ 6.95

4090 TEE DOME CAR · First Class · A model of the German Federal Railways eight-wheeled Type ADm coach · Body painted red and beige with grey fairings · Removable silver roof · Frosted glass windows inset in frames · Car has complete interior · Vista-dome compartment · 9½″ long · Interior can be lighted using lighting equipment 7322 (page 54)



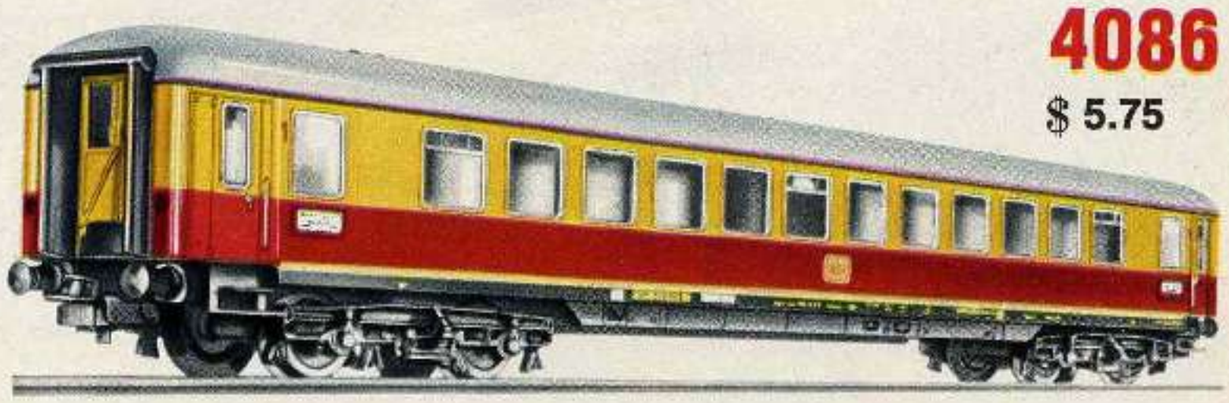
4085
$ 5.75

4085 TEE COMPARTMENT COACH · First Class · A model of the German Federal Railway's Type Avm eight-wheeled coach · The body is finished beige and red with dark-grey fairing and detachable silver-coloured roof · Inset plastic-framed windows · The coach has the interior equipment already fitted, with a side corridor · 9½ in. long · For lighting by interior lighting set 7320 (page 54)



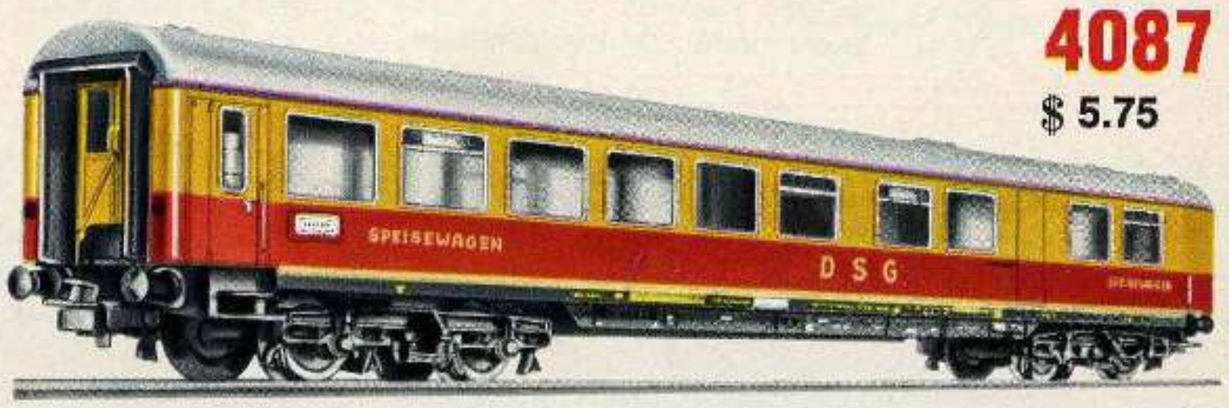
4089
$ 7.95

4089 TEE COMPARTMENT COACH · First Class · As No. 4085 coach, but fitted with current pickup, fittings for interior lighting and tail lights



4086
$ 5.75

4086 TEE CHAIR CAR · First Class · A model of the German Federal Railway's eight-wheeled Apm type coach · Body finished beige and red, with dark grey fairing and detachable silver-coloured roof · Inset plastic-framed windows · The interior equipment is already fitted with centre corridor and the 1–2 seating arrangement · 9½ in. long · For lighting by interior lighting set 7320 (page 54)



4087
$ 5.75

4087 TEE RESTAURANT CAR · A model of the German Federal Railway's eight-wheeled Type WRm car · Body finished beige and red with dark grey fairing, detachable silver-coloured roof and plastic-framed inset windows · Interior equipment is fitted, divided up into the kitchen and restaurant compartments · 9½ in. long · To light up by interior lighting set 7320 (page 54)



4088
$ 5.75

4088 TEE BAR CAR · A model of the German Federal Railways' Type ARDm eight-wheeled car · Body finished beige and red with dark grey fairing and detachable silver-coloured roof · Inset plastic-framed windows · Interior equipment is fitted, divided up into the bar, passenger and train crew's compartments · 9½ in. long · To light up by interior lighting set 7320 (page 54)

Fair Trade prices in US Dollars

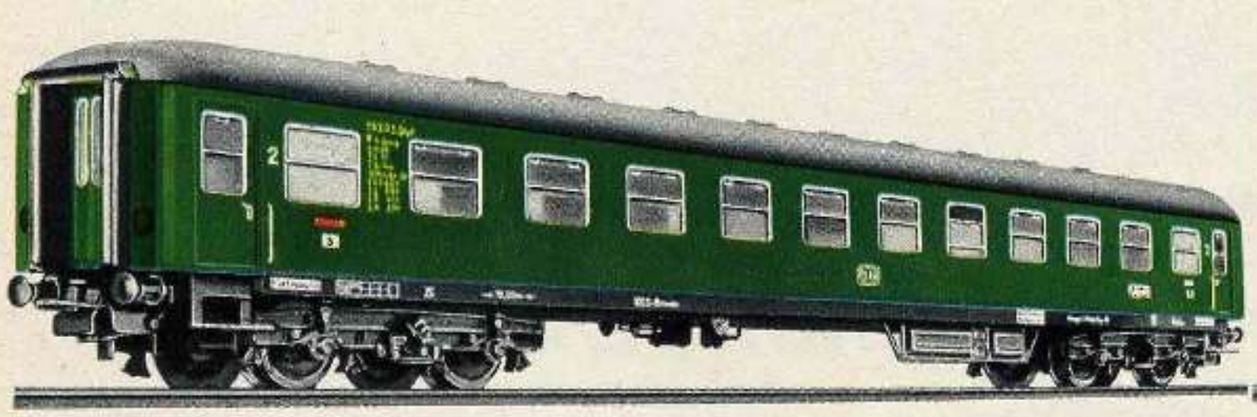
PASSENGER CARS FOR THE GERMAN FEDERAL RAILWAYS

4022
$ 5.00

4022 EXPRESS COACH · Second Class · A model of the German Federal Railways' eight-wheeled Class B 4 üm coach · Detachable roof, inset windows with plastic frames · Dark green body with silver roof shaded grey · 9½ in. long over buffers

4024
$ 5.00

4024 EXPRESS RESTAURANT CAR · A model of the German Sleeping and Restaurant Car Company's eight-wheeled car (DSG — Deutsche Schlafwagen- und Speisewagengesellschaft) · Wine-red body with detachable silver roof, shaded grey, inset windows with plastic frames, ivory lettering · 9½ in. long over buffers





Fair Trade prices in US Dollars



4029
$ 5.00

4029 EXPRESS SLEEPING CAR · A model of the International Sleeping Car Company's Type ISG No. 4581 eight-wheeled car (ISG — Internationale Schlafwagengesellschaft) · Body finished blue with detachable silver roof shaded grey, inset plastic-framed windows, lettering etc. exactly as on the full-sized original · Scale model diaphrams at each end · 9½" long

4037
$ 4.50

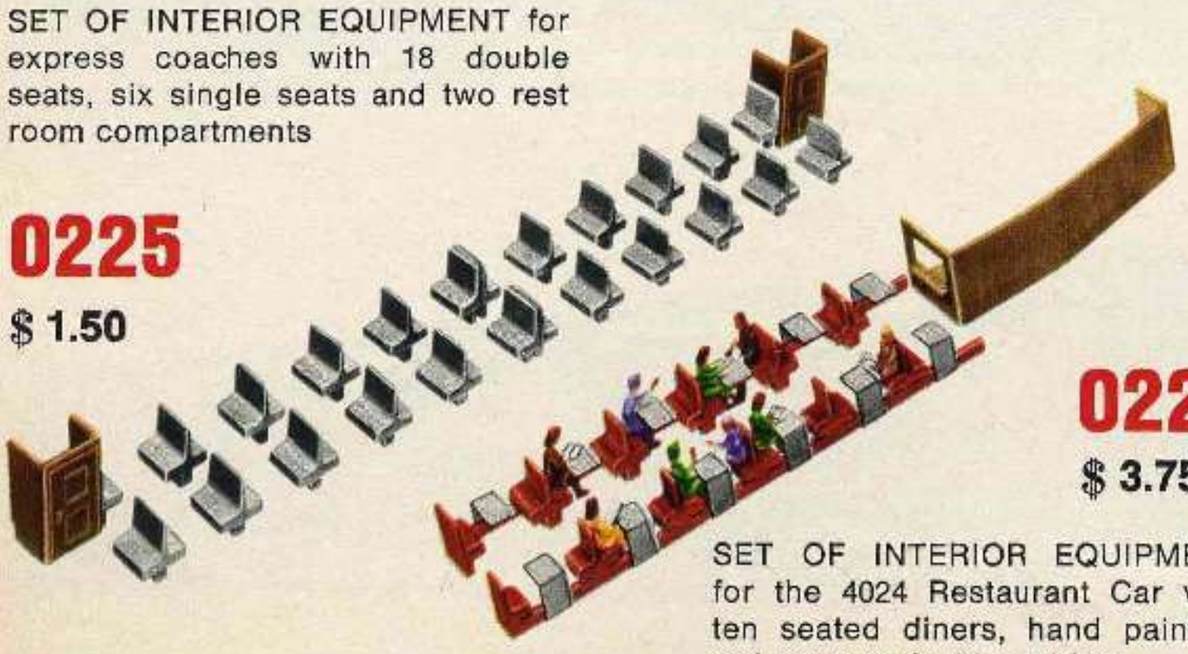
4037 EXPRESS COACH · Second class · A model of the German Federal Railways earlier type B 4 ü eight-wheeled coach · Body finished in green with detachable grey roof, frosted glass windows · Scale model diaphrams at each end · 8¾" long

INTERIOR EQUIPMENT FOR COACHES 4022, 4024, 4027, 4032, 4033, 4036, 4037, 4045, 4065, 4066, 4069 AND 4075

The interior sets and figures are molded of finely detailed plastic, with the figures handpainted. Illustrated installation instructions are included with each set.

0225
$ 1.50

SET OF INTERIOR EQUIPMENT for express coaches with 18 double seats, six single seats and two rest room compartments



0224
$ 3.75

SET OF INTERIOR EQUIPMENT for the 4024 Restaurant Car with ten seated diners, hand painted, red seats and white tables

0226
$ 1.50



SET OF 10 SEATED PASSENGERS, prepainted for completing the 0225 interior equipment set

Our express passenger cars have all metal or plastic bodies. Plastic window panes and frames are inset separately. All door markings, details and scale lettering are true to the prototype, giving you a car that is as close to the original as possible. The cars are finished with a mat finish for an appropriate look. The cars are designed for interior lighting. The Minden-Deutz design bogies have movable side frames which compensate for any uneveness in the track allowing the cars to run smoothly without derailments. The cars have simulated rubber diaphrams at each end, and are equipped with automatic Advance couplers (RELEX).



4026
$ 5.00

4026 EXPRESS LUGGAGE VAN · A model of the German Federal Railways' D 4 ym type eight-wheeled van · Dark green body with detachable silver roof, shaded grey, inset plastic-framed windows, ivory lettering · 9½ in. long over buffers

4027
$ 5.00

4027 EXPRESS COACH · First Class · A model of the German Federal Railways' eight-wheeled type A 4 üm coach · Body finished in blue with detachable silver roof, shaded grey, and inset plastic-framed windows · 9½ in. long over buffers

4047
$ 5.00

4047 EXPRESS MAIL VAN · A model of the German Federal Post Office eight-wheeled type "Post 4 m-b/26" van · Dark green body with detachable silver roof, shaded grey · Inset plastic-framed windows, yellow lettering · 9½ in. long

4064
$ 5.00

4064 EXPRESS SLEEPING CAR · First and Second class · A model of the German Sleeping and Restaurant Companies (DSG) WL AB 4 üm Series 33 200 car · Wine Red body with detachable silver weathered roof · White lettering · Plastic inset windows · 9½ in. long





Fair Trade prices in US Dollars



4078
$ 5.00

4078 EXPRESS COACH · First Class, with restaurant compartment · A model of the German Federal Railways' eight-wheeled ARüm 65 type coach · The First Class compartment is finished blue and the restaurant compartment in red on the outside · Inset plastic-framed windows, silver roof, shaded grey at edges · 9½ in. long · To light the coach use the 7320 lighting set (see page 54)



4044
$ 6.50

4044 EXPRESS BAGGAGE CAR · Similar to 4026 but with pickup shoe and tail lights



4032
$ 6.50

4032 EXPRESS COACH · First Class · Similar to 4027 but with pick up shoe and tail lights

LIGHTWEIGHT COACHES OF THE SWISS FEDERAL RAILWAYS

4066
$ 5.00



4066 PASSENGER COACH · A model of the Swiss Federal Railways' eight-wheeled Series A 2500 coach · Green body with yellow longitudinal bands under the roof · Inset windows with hand rails fitted inside · Imitation rubber beadings at ends · Detachable silver-coloured roof with longitudinal ribs and simulated ventilators · 9½ in. long · To light up by interior lighting set 7320 (page 54)

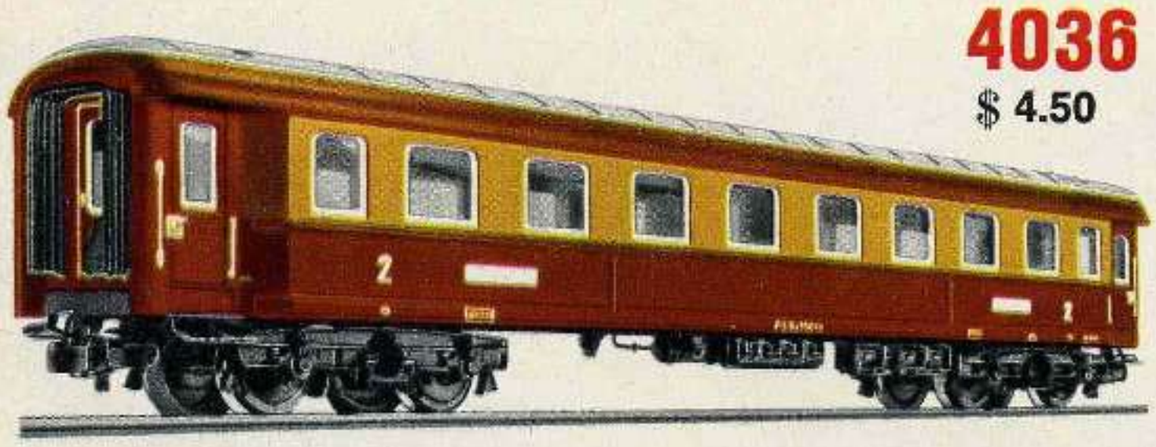
4068
$ 6.95



4068 DINING CAR · Model of the RIC Dining Car of the Swiss Federal Railways · Two four wheel bogies · Red body with yellow lettering · Inset plastic frame windows · Simulated rubber diaphrams on ends · Silver removable roof with lenghtwise ribs · Roof mounted pantograph · Length 9½″ · Car can be lighted using 7077 lighting equipment (page 54)

ITALIAN RAILWAYS PASSENGER COACH

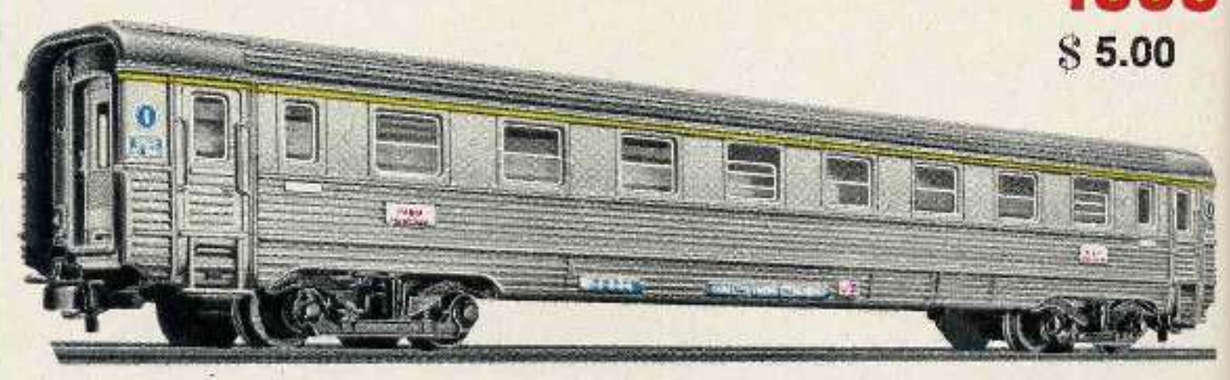
4036
$ 4.50



4036 PASSENGER COACH · Second Class · A model of the Italian State Railways (FS—Ferrovie delle Stato) eight-wheeled Type Fs Bz 33010 coach · Brown and beige body with detachable silver roof · Frosted glass windows · Scale model diaphram at each end · 8¾″ long

FRENCH RAILWAYS

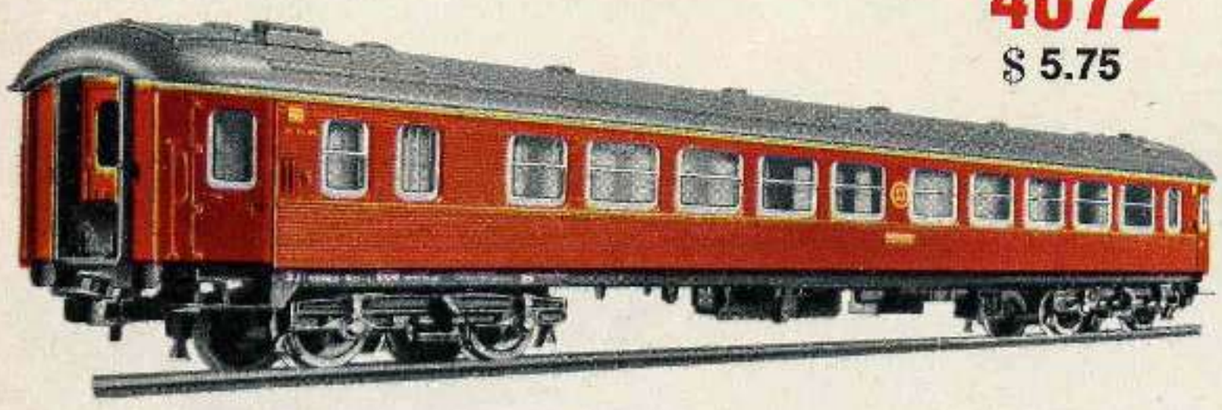
4050
$ 5.00



4050 EXPRESS COACH · First Class · A model of the French stainless steel eight-wheeled Class A 8 myfi coach · Plastic body in true colouring of the original with inset plastic-framed windows · 9½ in. long · Provision for fitting the 7197 lighting equipment (page 54)

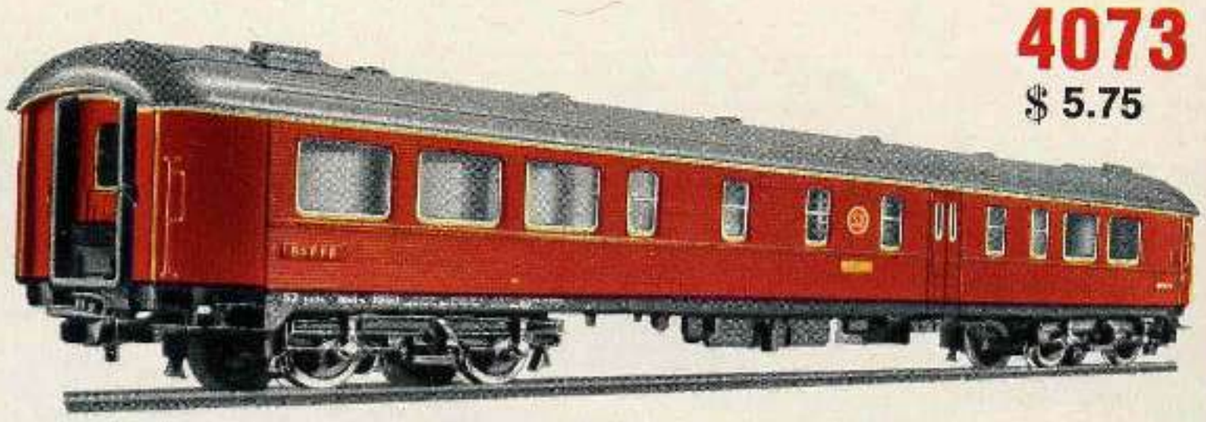
SWEDISH RAILWAYS EXPRESS COACHES

4072
$ 5.75



4072 EXPRESS COACH · Second Class · A model of the Swedish State Railways' (S. J.-Statens Jarnvagar) eight-wheeled Class Bo 1 coach · Brown high-grade plastic body with grey roof and inset plastic-framed windows, imitation concertina connections at the ends · Fine detail of all accessories and fittings on lower part of body · 9⅓ in. long · Provision for fitting the 7197 lighting equipment (page 54)

4073
$ 5.75



4073 EXPRESS RESTAURANT CAR · A model of the eight-wheeled Class RBo 2 car on the Swedish State Railways · Brown high-grade plastic body with grey roof and inset plastic-framed windows, imitation concertina connections at the ends · Fine detail of all accessories and fittings on lower part of body · 9⅓ in. long · Provision for fitting the 7197 lighting equipment (page 54)

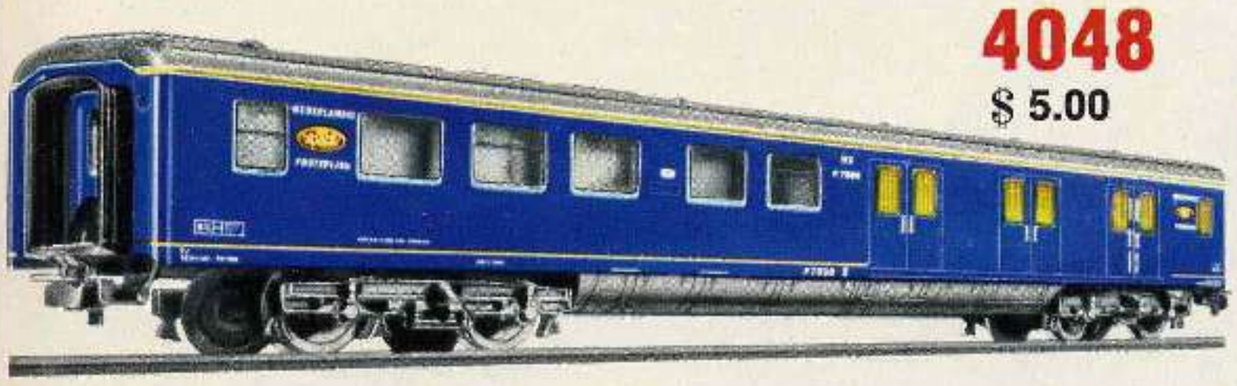
F.S. · SNCF · B · SJ

The passenger cars and express coaches on page 32/33 have AUTOMATIC ADVANCE COUPLERS (RELEX) and will accept interior lighting (see page 54).

Scale HO

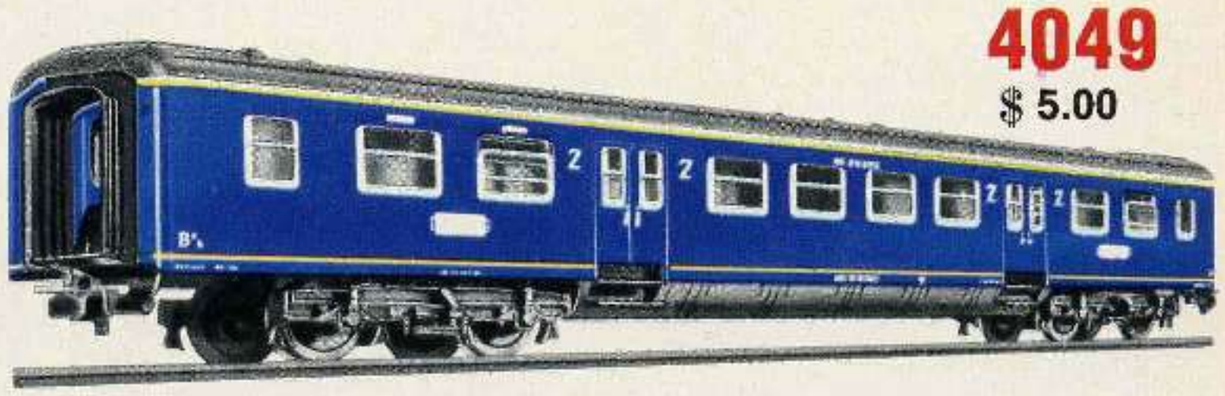
NETHERLAND RAILWAYS EXPRESS COACHES

4048
$ 5.00



4048 EXPRESS MAIL VAN · A model of the Netherlands Railways' (N. S.—Nederlandse Spoorwegen) eight-wheeled P 7900 type mail van · Blue body with detachable dark grey roof, inset plastic-framed windows and white lettering · Imitation concertina connections at the ends · 9½ in. long

4049
$ 5.00

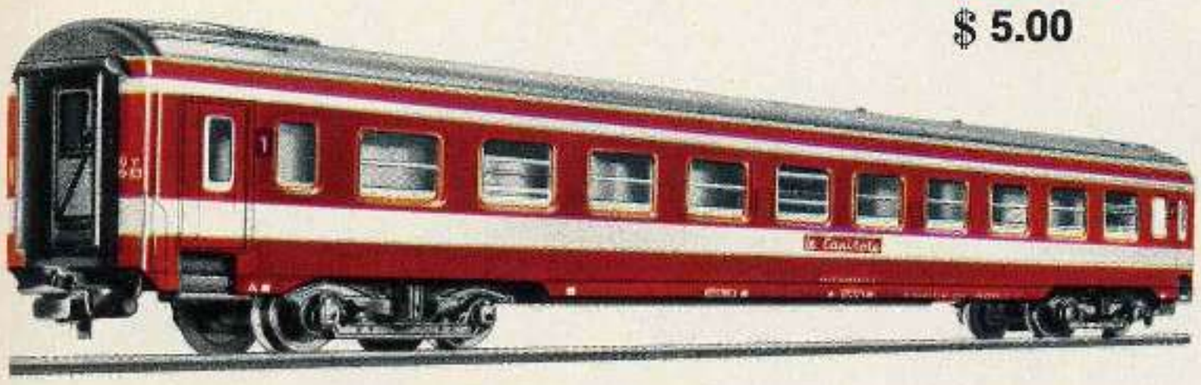


4049 EXPRESS COACH · Second Class, with seating accommodation · A model of the Netherlands Railways' eight-wheeled Type B 6600 coach · Body finished blue, with dark grey detachable roof, inset plastic-framed windows—some opened—and white lettering · Imitation concertina connections at the ends · 9½ in. long

EXPRESS COACHES

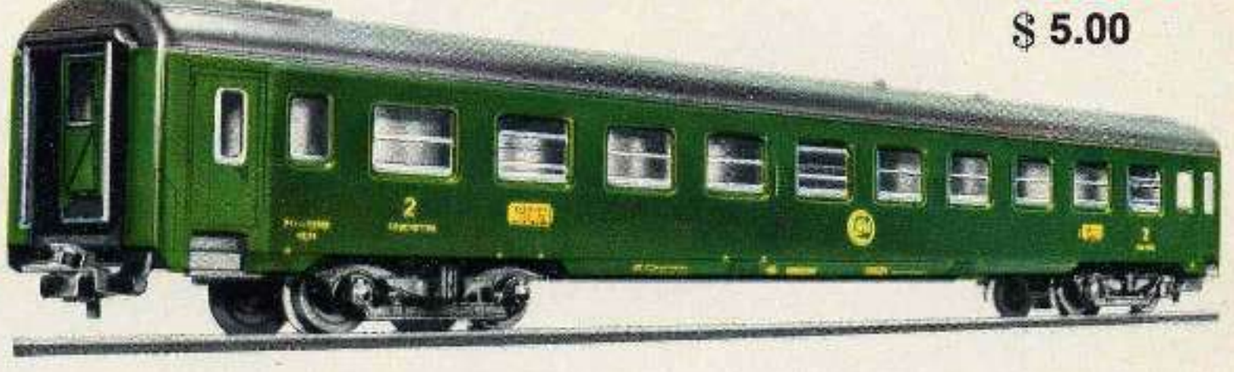
Fair Trade prices in US Dollars

4075
$ 5.00



4075 EXPRESS COACH · First Class · A model of the French State Railways' eight-wheeled "Le Capitole" type coach · Red body with longitudinal white bands and detachable grey roof; inset plastic-framed windows · 9½ in. long · To light up by the 7320 interior lighting set (page 54)

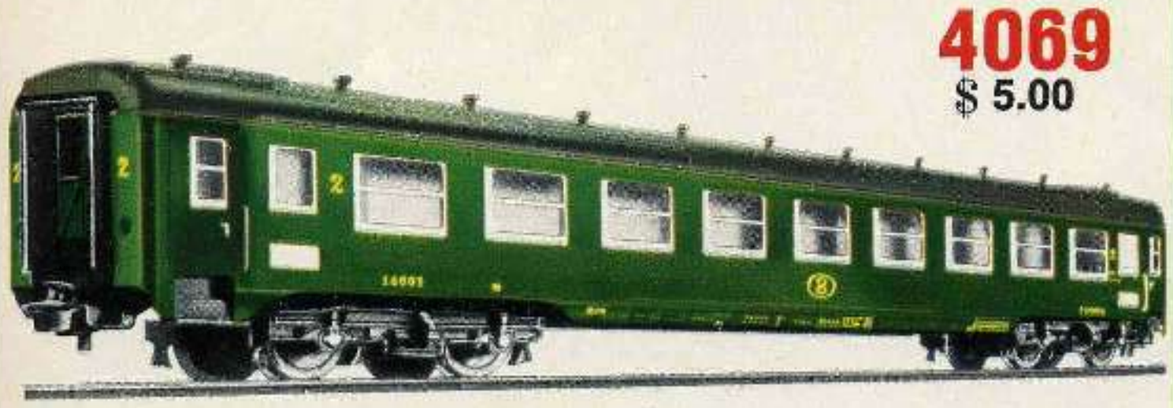
4065
$ 5.00



4065 EXPRESS COUCHETTE CAR · A model of the Second Class standard U.I.C. (International Union of Railways) eight-wheeled Y type coach on the French Railways (SNCF) · Body and detachable roof dark green, roof shaded black, and inset plastic-framed windows · 9½ in. long

BELGIAN RAILWAYS EXPRESS COACH

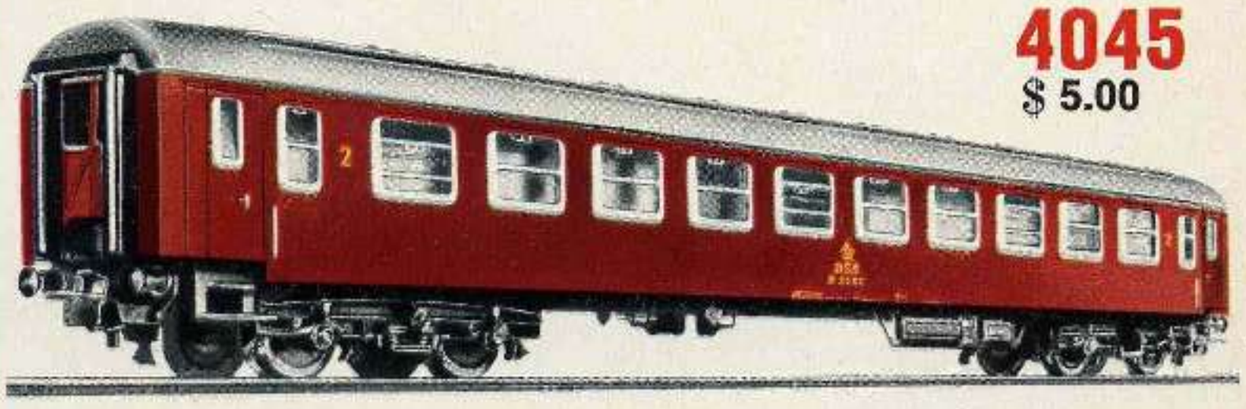
4069
$ 5.00



4069 EXPRESS COUCHETTE CAR · Second Class · A model of the Belgian State Railways' (S.N.C.B.—Société Nationale des Chemins de Fer Belges) eight-wheeled RIC couchette car · Body and detachable roof dark green, with simulated ventilators, inset plastic-framed windows · 9½ in. long · To light up by interior lighting set 7320 (page 54)

DANISH RAILWAYS EXPRESS COACH

4045
$ 5.00



4045 EXPRESS COACH · Second Class · A model of the Danish State Railways' (D.S.B.—Danske Statsbaner) eight-wheeled B 2300 Class coach · Reddish-brown body with detachable silver roof shaded grey · Inset plastic-framed windows · 9½ in. long over buffers

Fair Trade prices in US Dollars



FREIGHT CARS

WITH DETAILED PLASTIC BODIES AND AUTOMATIC COUPLERS (RELEX = WITH DELAYED ACTION)

The trucks on these cars are die cast metal finished dull black. The wheels are fine turned. The bodies (except 4512 and 4516) are finely detailed plastic castings. All lengths are measured over the buffers.



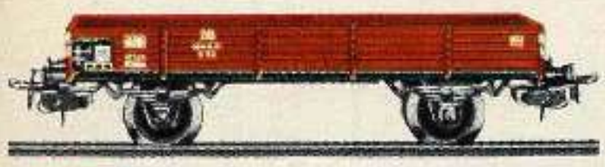
4500 TANK CAR · Silver · "ARAL", RELEX couplers · 4 in. long
$ 2.75



4501 TANK CAR · Silver · "ESSO" · RELEX couplers · 4 in. long
$ 2.75



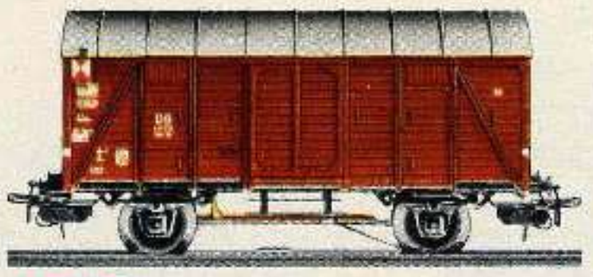
4502 TANK CAR · Yellow · "SHELL" · RELEX couplers · 4 in. long
$ 2.75



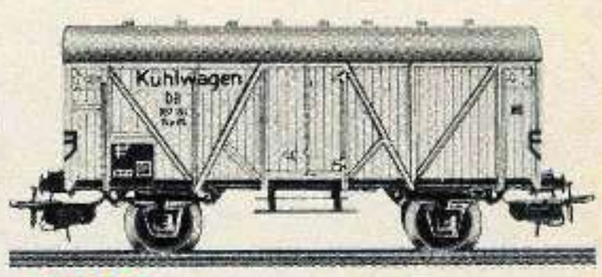
4503 LOW SIDE GONDOLA · Brown · RELEX couplers · 4 in. long
$ 1.50



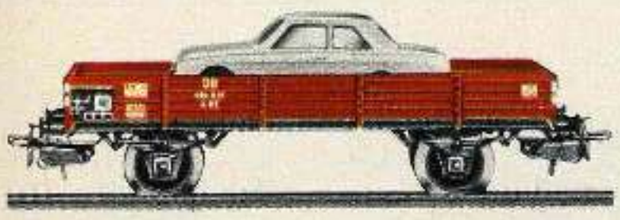
4505 BOX CAR · Brown · Silver roof · RELEX couplers · 4 in. long
$ 2.50



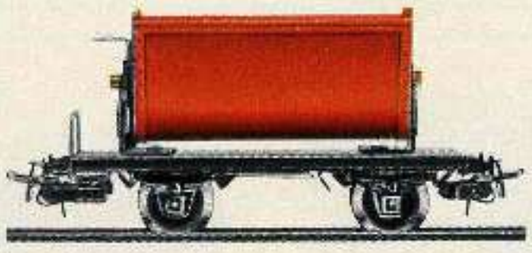
4506 BOX CAR · Brown, Silver roof · Finely modeled working tailights · Pick up shoe · RELEX couplers · 4 in. long
$ 3.75



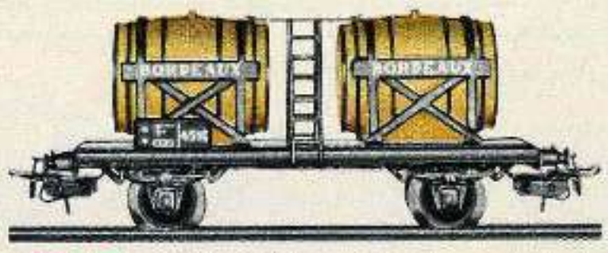
4508 REFRIGERATOR CAR · White with black lettering · Ventilators on roof · RELEX couplers · 4 in. long
$ 2.00



4504 LOW SIDE CAR · Brown · Loaded with automobile · RELEX couplers · 4 in. long
$ 2.00



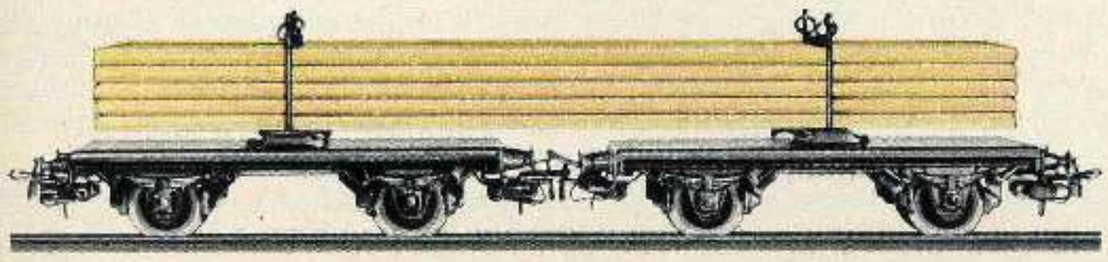
4513 DUMP CAR · Red · Will dump to either side · Locking lever · RELEX couplers · 3⅜ in. long
$ 1.75



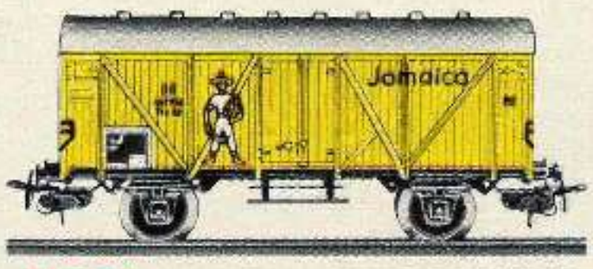
4510 WINE CAR · Tan barrels lettered "BORDEAUX" · RELEX couplers · 4 in. long
$ 3.00



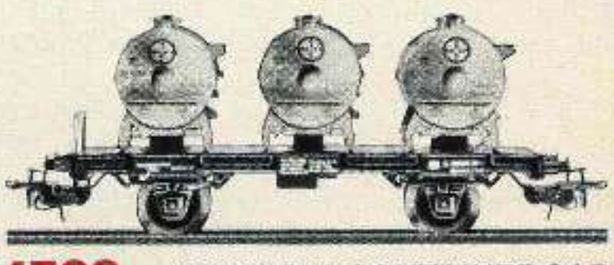
4511 PULVERIZED COAL WAGON · Two aluminium colored coal container with fillers connected by a walkway · RELEX couplers · 4 in. long
$ 3.00



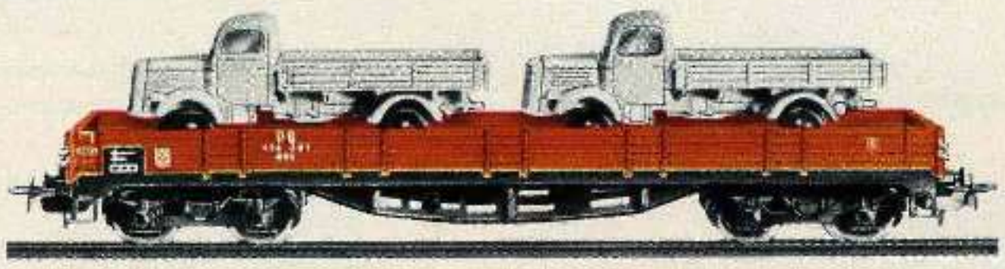
4512 DOUBLE LUMBER CAR · With load of real lumber · All metal double unit · Black · RELEX couplers · 7½ in. long
$ 5.75



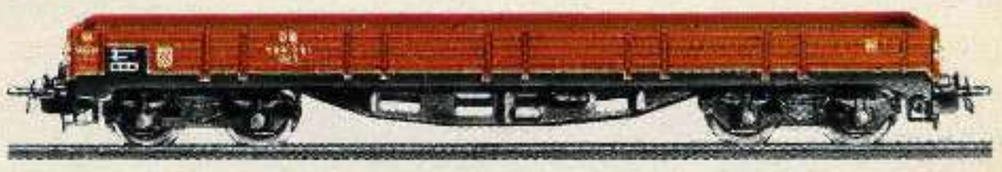
4509 BANANA REFRIGERATOR CAR · Yellow · White roof · RELEX couplers · 4 in. long
$ 2.50



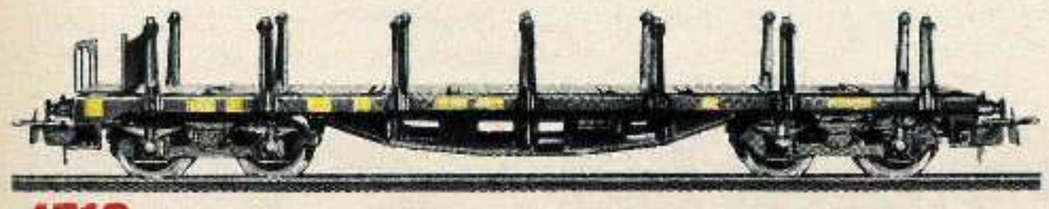
4520 CHEMICAL CONTAINER CAR · With three round containers that can be removed by the 7051 Crane · Silver containers lettered "BAYER" with black frame · RELEX couplers · 4¼" long
$ 3.50



4515 FLAT CAR WITH TWO TRUCKS · Brown · Eight-wheeled · Loaded with two trucks · Without advance couplers · 7¼ in. long
$ 4.75



LOW SIDED CAR · Brown · Eight-wheeled · Without advance couplers · 7¼ in. long **4514** **$ 3.00**



4516 FLAT CAR WITH STAKES · Eight-wheeled · Without advance couplers · 7¼ in. long
$ 4.00

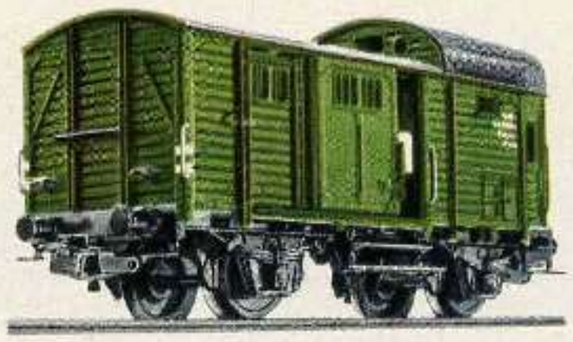


4517 COVERED FLAT CAR · Brown · Eight-wheeled · White cover · Without advance couplers · 7¼ in. long
$ 4.00

Fair Trade prices in US Dollars

SCALE MODEL FREIGHT CARS 4600

4600 **$ 3.50**



4600 FREIGHT TRAIN LUGGAGE VAN (CABOOSE) · German Federal Railways Type DB-Dg · Green · Grey roof · Both doors slide open and closed · 3⅝ in. long

4601 **$ 3.50**



4601 OPEN GOODS CAR with brakemans cabin · German Federal Railways Type Omm 33 · Brown · 4½″ long

4602 **$ 3.00**



4602 OPEN GOODS CAR · German Federal Railways Type Omm 52 · Brown · 4½ in. long

4604 **$ 3.50**



4604 OPEN GOODS CAR · German Federal Railways Type Omm 52 · Brown · With removable load of imitation coal · 4½ in. long

4605 **$ 3.50**



4605 SWISS BOX CAR with brakemans cabin · Swiss Federal Railways Type SBB-K³ · Brown · Silver roof · Both doors open · 4¼ in. long

4607 **$ 3.50**



4607 LOW SIDE CAR WITH STAKES · German Federal Railways Type Rmms 33 · With detachable stakes stored in sliding case underneath car floor · Brown · 5 in. long

WHEEL SETS **MÄRKLIN-HAMO**
for two rail operation

WHEEL SET, consisting of four axle sets · For converting all 4600 type cars (except 4611, 4617, 4618, 4629, 4631, 4633, 4635, 4644, 4645, 4646, 4656, 4657, 4659 and all eight-wheeled cars) to two rail operation

7588 **$ 1.25**

7587 **$ 1.00**

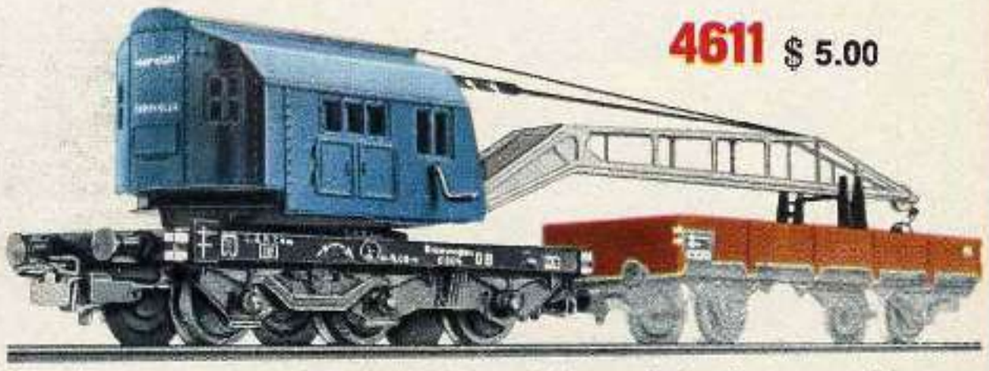
SET OF WHEELS, consisting of three axle sets · For converting cars 4611, 4617, 4618 to two rail, D.C. operation

4610 **$ 4.00**



4610 BALLAST CAR · With unloading doors operated by crank lever · Brown · 3¾ in. long

4611 **$ 5.00**



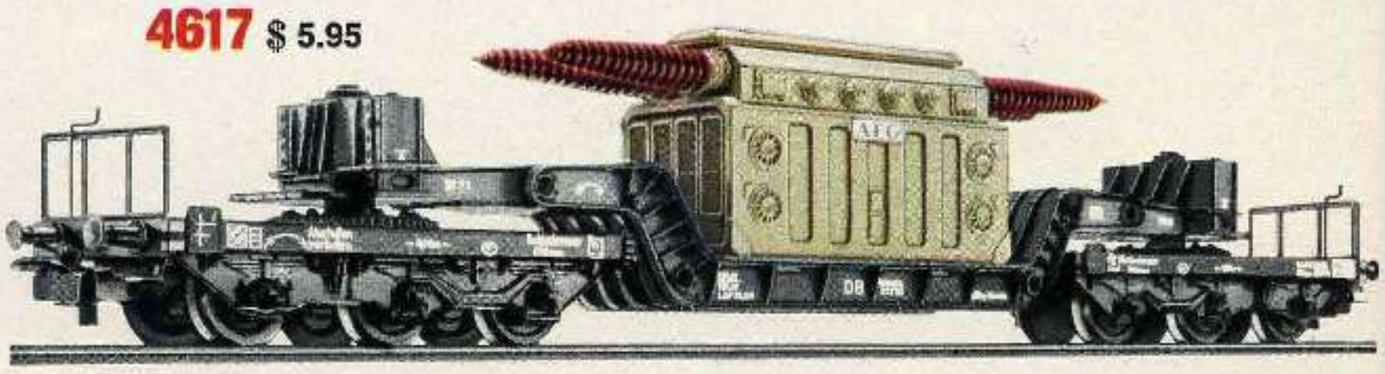
4611 CRANE CAR · with revolving boom and boom adjustment support · Crank handle for raising and lower the crane hook · Black underframe · Blue Cab unit · Silver boom · 3⅝ in. long · (The 4503 car is not included, but is recommended for supporting the boom when the crane is in transit)

4612

$ 4.00

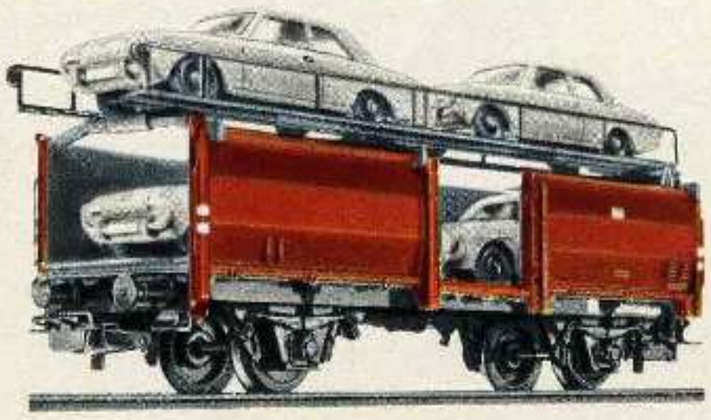


4617 **$ 5.95**

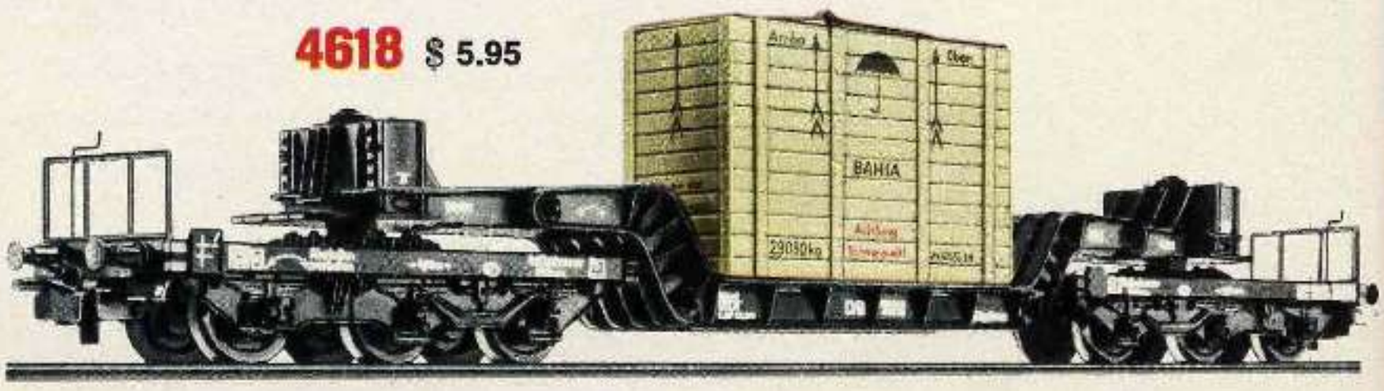


4613

$ 5.95



4618 **$ 5.95**



4613 AUTOMOBILE TRANSPORTER with loading ramp · Loaded with miniature cars · Brown · Black loading Ramp · 4½″ long

4612 AUTOMOBILE TRANSPORTER · Not loaded · Brown · Black loading Ramp · 4½ in. long · (On the German Federal Railways these cars are used in pairs and the unit in then designated Type Off 52)

Fair Trade prices in US Dollars

4618 DEPRESSED CENTER FLAT CAR · Twelve-wheeled · Loaded with removable packing case · Black · Wood colored case · 10 in. long

4617 DEPRESSED CENTER FLAT CAR · Twelve-wheeled · Loaded with removable transformer · Black · Silver transformer · 10 in. long

WITH AUTOMATIC COUPLING AND UNCOUPLING (RELEX)

The model freight cars are extremely reliable operating. They include many more details than our regular cars. A most important feature is the RELEX coupler which allows delayed action uncoupling. After the coupler is open with the uncoupler track, they remain open so that you may spot the cars farther down the track without the cars recoupling.
All cars without the RELEX couplers will still coupler with cars equipped with RELEX couplers.

4619 $ 3.50



4619 GONDOLA WITH SLIDING ROOF · A model of the German Federal Railways Type Kmmks 51 · Four-wheeled · The two roof halves slide over each other · Brown body · Silver roof · 4½ in. long

4620 $ 3.50



4620 REFRIGERATOR CAR · Four-wheeled · Model of the German Federal Railways Type Tehs 50 · White with black lettering · Imitation ventilators on roof · 5¼ in. long

4621 $ 4.75



4621 HIGH CAPACITY TANK CAR · Eight-wheeled · Model of the German Federal Railways Type Ksl 3504 · White tank with lengthwise red stripes and the name "MÄRKLIN" in blue · Underframe black · 5⅛ in. long

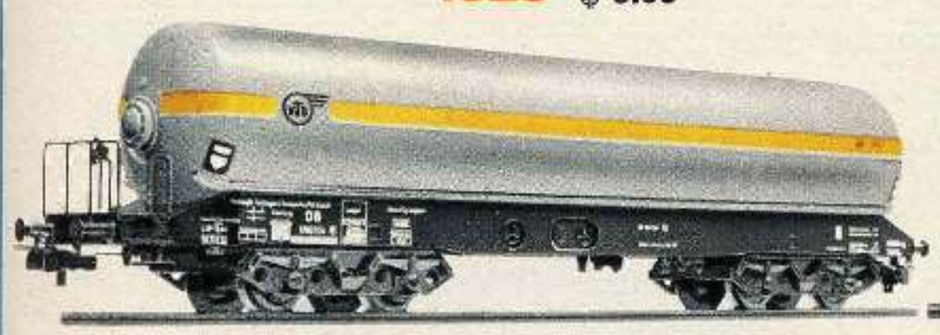
4624 $ 5.00



Cars of this type are used in international traffic for carrying caol, coke, minerals and similar goods. They are usually made into unit trains that are not broken up until they reach their final destination.

4624 HIGH CAPACITY GOODS CAR · Eight-wheeled · Model of the German Federal Railways Type OOtz 50 · Brown with prototype lettering in white · 5¼ in. long

4628 $ 5.95



4628 PRESSUREIZED GAS TANK CAR · Eight-wheeled · Grey tank with yellow stripes · Black underframe · Private owner car of the VTG (Vereinigte Tanklager und Transportmittel GmbH) · 7¾ in. long

Fair Trade prices in US Dollars

4626 $ 5.75



This series of cars has a roof with hatches so that goods that are subject to damage from the elements, such as grain, can be transported in safety.

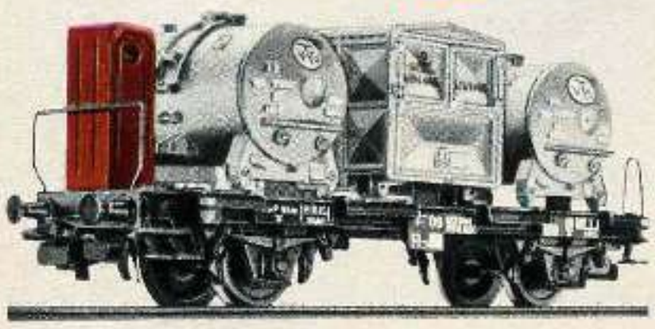
4626 HIGH CAPACITY GOODS WAGON WITH HINGED ROOF COVERS · A model of the German Federal Railways' eight-wheeled KKt57 Type wagon · Brown with all covers to open · 5¼ in. long

4627 $ 3.50



4627 VENTILATED BOX CAR · Four-wheeled · German Federal Railways Type Glmmehs 57 · Brown body with silver vent doors · Silver roof · 5¼ in. long

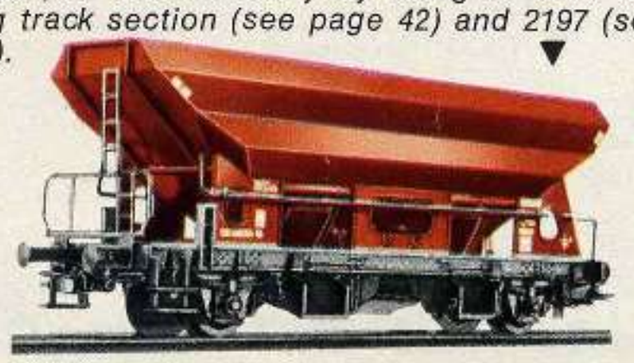
4625 $ 4.50



4625 CONTAINER CAR with brakemans cabin · Four-wheeled · Loaded with one box type container and two cylinder containers · Can be unloaded using the 7051 Crane · Silver containers · Black underframe · 4¼ in. long

The discharging doors can be operated by the hand lever, or automatically by using to 5112 uncoupling track section (see page 42) and 2197 (see page 47).

4631 $ 5.00



4631 SIDE DUMPING CAR WITH OPENING DOORS · Four-wheeled · Model of the German Federal Railways Type Otmm 70 · Brown plastic body · Black die cast metal underframe · 4½ in. long

4629 $ 4.00



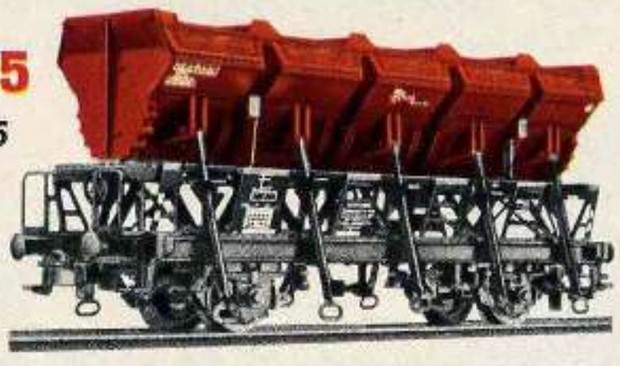
4629 CATTLE CAR · A model of the German Federal Railways DB-Vlmms 63 Type four-wheeled slatted truck · Truck top brown, silver roof shaded black, and black underpart · 5½ in. long

4632 $ 5.95



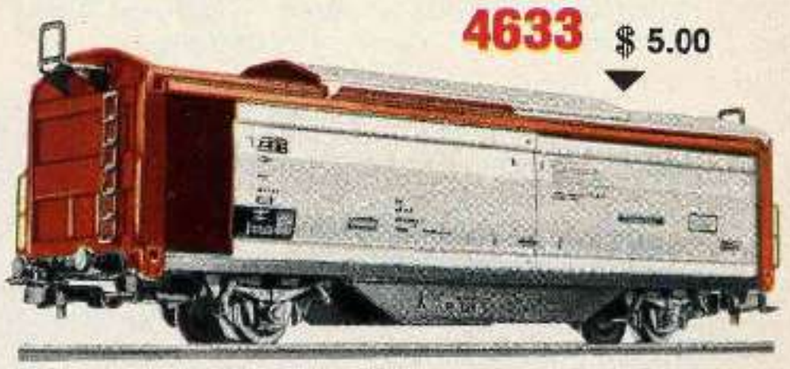
4632 BEER TANK CAR · Eight-wheeled · White tank lettered "Feldschlösschen Bier". Underframe black · 7¾ in. long

4635 $ 5.95



4635 DUMP CAR · Four-wheeled · Model of the German Federal Railways Type Ommi 51 · All hoppers tip when the center retaining bar is released · Brown body · Black underframe · 4¼ in. long

4633 $ 5.00



4633 GOODS WAGON WITH SLIDING DOORS AND ROOF · German Federal Railways Type Klmmgks 66 · Four-wheeled · Sides and roof slide open in both directions · Main body brown · Sides and roof silver · Scale lettering, exactly as on the original · 6⅛ in. long

SCALE MODEL FREIGHT CARS 4600



WITH AUTOMATIC

4636 $ 3.75



4636 REFRIGERATED BEER CAR · Four-wheeled · A model of the private car of the Danish Carlsberg Brewery · White body · Green lettering · Scale ventilators on roof · 5¼ in. long

4637 $ 3.50



4637 BOX CAR · Four-wheeled · German Federal Railways Type Tnomehs 59 · Brown, Silver roof · Lettered as a Banana Car · 5¼ in. long

4639 $ 2.75



4639 OPEN GOODS CAR · Four-wheeled · Model of the Netherlands State Railways (NS) · Tuscan red body · 4½ in. long

4640 $ 3.50



4640 REFRIGERATOR CAR · Four-wheeled · A model of the private form of TRANSFESA · Blue body · Red stripes and rings · Silver roof, black underframe, with scale roof ventilators · 5¼ in. long

4644 $ 3.75



4644 TANK CAR · Four-wheeled · A model of the German Federal Railways standard tank car with lettering for "BP" · Tank and filler caps green · Black ladders and underframe · Platform with handrails at one end · 4 in. long

4645 $ 3.75



4645 TANK CAR · Four-wheeled · A model of the standard tank car used by EVA (Eisenbahn-Verkehrsmittel Aktiengesellschaft) lettered TOTAL · Grey body · Ladders and walkways black · Platform, railings and underframe black · 4 in. long

4646 $ 3.75



4646 TANK CAR · A model of the standard four-wheeled tank car lettered "ARAL" · Tank and filler caps blue · Walkway and ladder, also underframe with platform and handrails, black · 4 in. long

4638 $ 2.75



4638 GONDOLA · Four-wheeled · Belgian State Railways (SNCB) Type · Grey · 4½ in. long

New

4648 $ 5.95



4648 TANK CAR · Eight-wheeled · Scale tank body white, with lettered "GASOLIN" · Walkways, ladder and underframe black · Length 6½″

Fair Trade prices in US Dollars

New

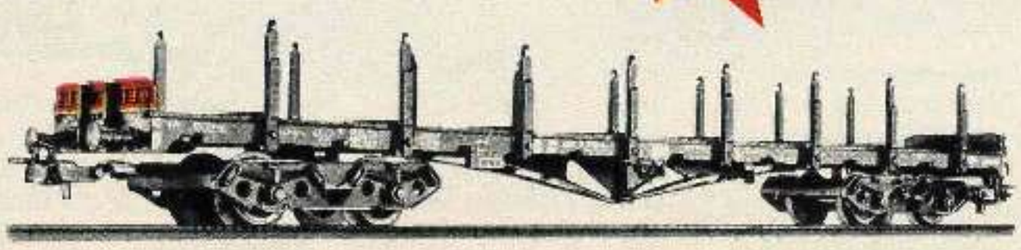
4649 $ 5.95



4649 TANK CAR · Eight-wheeled · Scale tank body red, with lettering "AVIA". Walkways, ladder and underframe black · Length 6½″

New

4663 $ 5.95



4663 FLAT CAR · Eight-wheeled · A model of the German Federal Railways Type SSlmas 53 · Die cast metal body, black with brown end sills · Side stanchions fold down · Length 9″

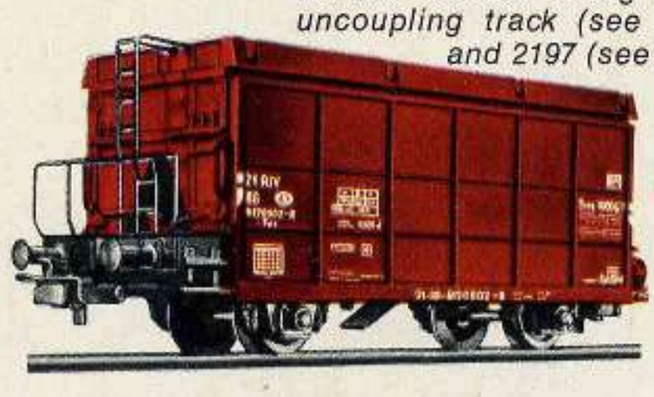
COUPLING AND UNCOUPLING (RELEX)

4654 $ 3.75



4654 BEER WAGON · A model of a four-wheeled private wagon of the Spaten Brewery, Munich (Spatenbrauerei München) · White with black lettering and the firm's sign "Spaten" on a red background · Grey roof with simulated ventilators · 5¼ in. long

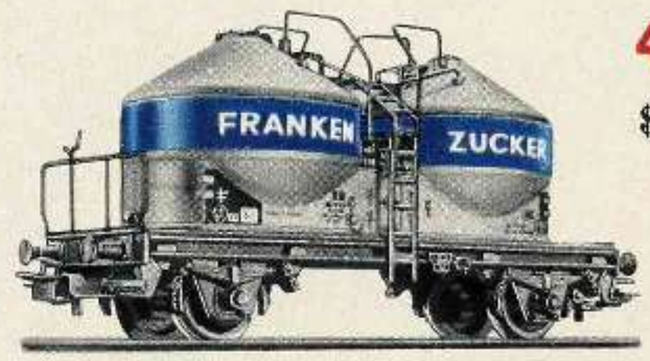
The sides can be opened by remote control using the 5112 uncoupling track (see page 42) and 2197 (see page 47).



4656 $ 3.00

4656 BULK GOODS CAR · A model of the Belgian State Railways (SNCB) four-wheeled 1000 G-1 Type car · Brown · 4 in. long

4658 $ 3.75



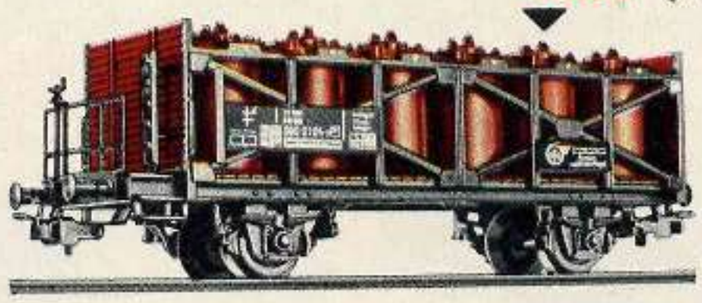
4658 CONTAINER CAR FOR FINE BULK GOODS · A model of the German Federal Railways four-wheeled Type Kds 54 car in use as a private wagon of the Franken Sugar Co. (Franken-Zucker) · Silver containers with blue centre parts, black underframe · 4 in. long

4550 $ 2.75



4550 BOX CAR · Italian State Railways (FS) Type · Four-wheeled · Removable roof · Brown Body · Silver roof · 4¼ in. long

4657 $ 4.75



4657 ACID CONTAINER CAR · Model of the two axle VTG design acid carrying car of the German Federal Railways · 12 scale model plastic acid containers · Platform with ladder and railing at one end · Containers are brown, frame and sides black · Length 5⅛"

4659 $ 4.50



4659 CONTAINER CAR · Model of the two axle container carrier car, Type Berlin, of the German Federal Railways · Has two removable containers marked Hapag-Lloyd · Containers silver with black underframe · Length 6⅛" in.

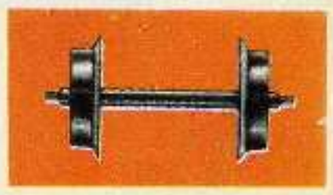
MÄRKLIN-HAMO WHEEL SETS for two rail operation

7588 SET OF WHEELS, consisting of four axles · For converting all 4600 stock (except 4611, 4617, 4618, 4629, 4631, 4633, 4635, 4644, 4645, 4646, 4656, 4657, 4659 and all eight-wheeled cars) to the D.C. two-rail system

7588 $ 1.25

7587 SET OF WHEELS, consisting of three axles · For converting wagons 4611, 4617 and 4618 (page 36) to the D.C. two-rail system

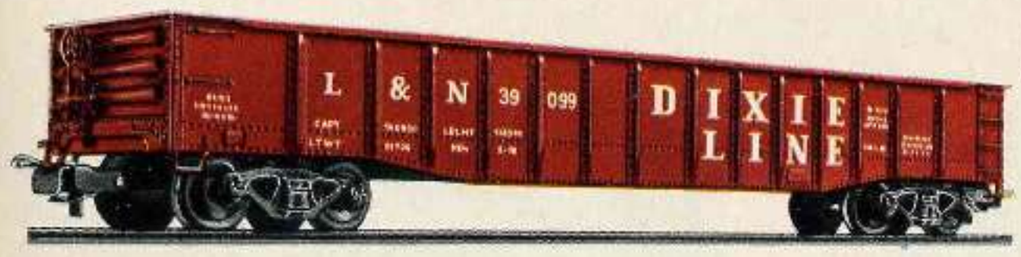
7587 $ 1.00



AMERICAN FREIGHT CARS
WITH AUTOMATIC COUPLING AND UNCOUPLING (RELEX)

4575

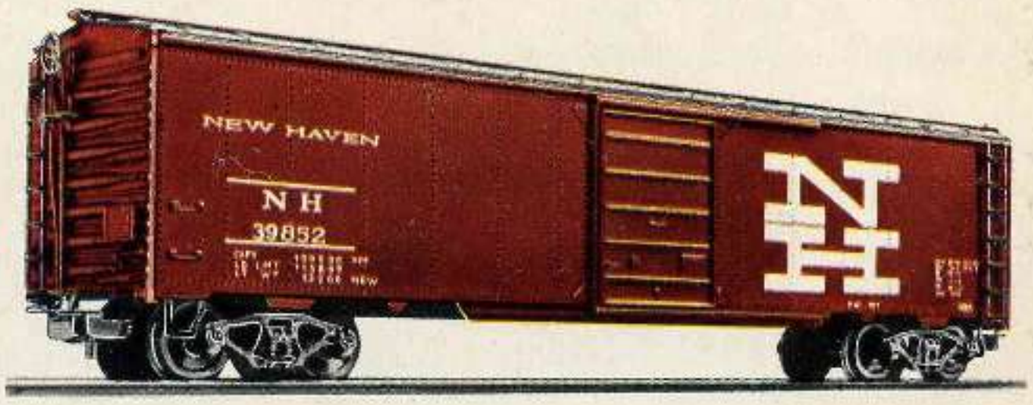
$ 3.00



4575 GONDOLA · A model of the Louisville and Nashville Railroads "Dixie Line" gondola · Trucks with movable bolsters · Brown plastic body with white lettering · 8 in. long

4573

$ 4.50



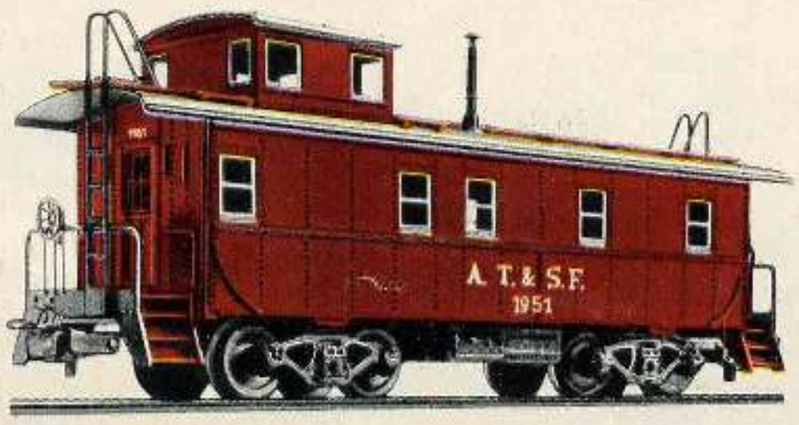
4573 NEW HAVEN BOX CAR · A model of the New Haven Railroads eight-wheeled 50 ton box car · Tuscan Red with white lettering · Roofwalk mounted on roof · Both doors open · 8⅛ in. long



4571

$ 4.50

4571 WESTERN PACIFIC BOX CAR · A model of the Western Pacific Railroads eight-wheeled, 50 ton box car · Silver body with orange and black lettering · Roofwalk mounted on roof · Both doors open · 8⅛ in. long



4570

$ 4.50

4570 CABOOSE · A model of the Santa Fé Railroad standard caboose · Eight-wheeled · Tuscan red body with white lettering · Silver roof with roofwalks · 6 in. long

MÄRKLIN

CAR KITS



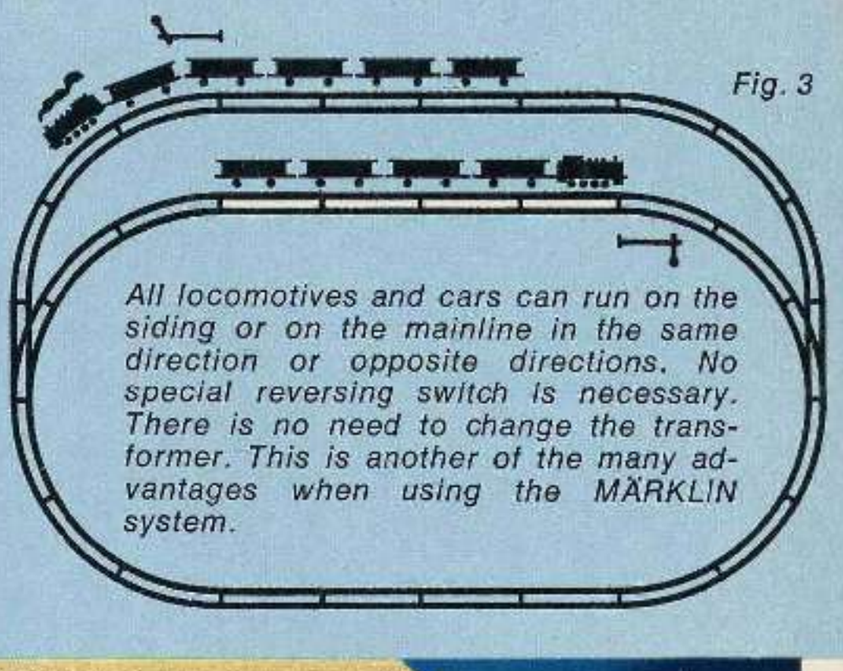
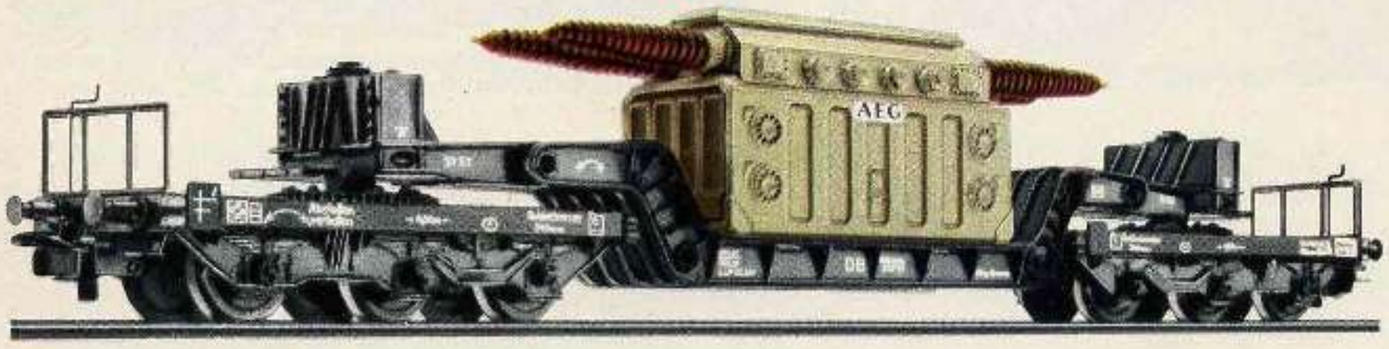


Fig. 3

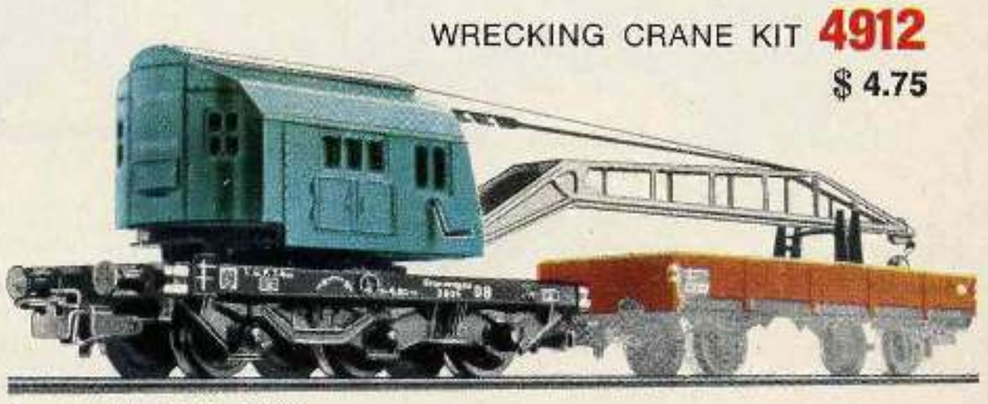
All locomotives and cars can run on the siding or on the mainline in the same direction or opposite directions. No special reversing switch is necessary. There is no need to change the transformer. This is another of the many advantages when using the MÄRKLIN system.

DEPRESSED CENTER FLATCAR KIT **4917** **$ 5.00**



Assembled Kit 4917

WRECKING CRANE KIT **4912**
$ 4.75



Assembled Kit 4912

4904 GONDOLA CAR KIT
$ 2.00



Assembled Kit 4904

BOX CAR KIT **4950**
$ 2.50



Assembled Kit 4950

REFRIGERATOR CAR KIT **4918**
$ 3.00



Assembled Kit 4918

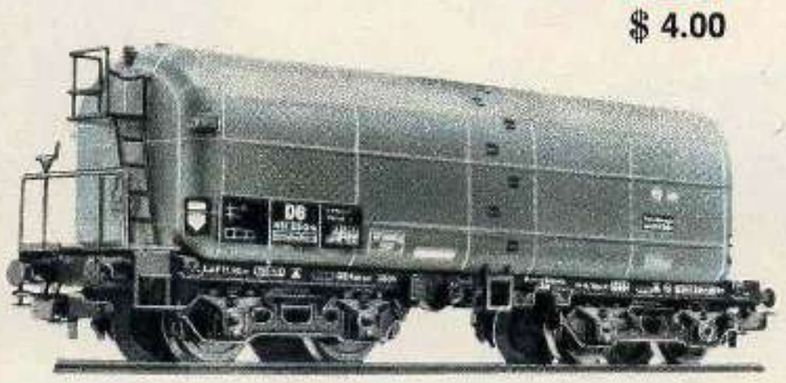
4903 LOW SIDE CAR KIT
$ 1.00 as 4503 see page 35

GONDOLA CAR KIT **4902**
$ 2.75



Assembled Kit 4902

TANK CAR KIT **4921**
$ 4.00



Assembled Kit 4921

SLIDING ROOF CAR KIT **4919**
$ 3.00



Assembled Kit 4919

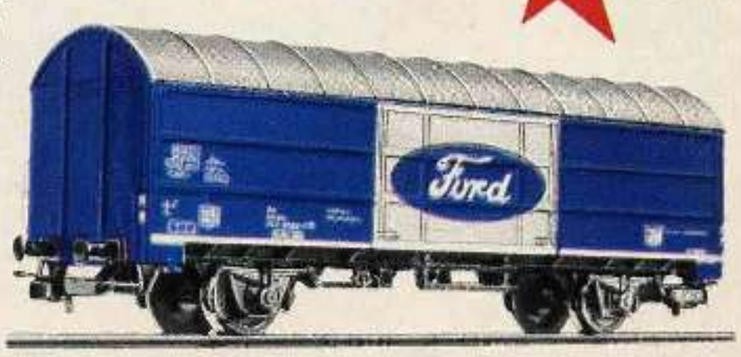
BEER REFRIGERATOR CAR KIT **4934** **$ 3.50** **New**



Assembled Kit 4934

The cars illustrated can be built from these kits. Each kit includes complete illustrated instructions and all cars feature the automatic couplers (RELEX). The only tools required are a pair of pliers and a screw driver. When building Kit 4902 you will also need a hammer.

BOX CAR KIT **4937** **$ 3.50** **New**



Assembled Kit 4937

4802 PASSENGER COACH KIT
$ 2.00 as 4002 see page 27

MÄRKLIN-M-TRACK (M = METAL)

One reason for the success of MÄRKLIN in model railroading is the simplicity, durability and versatility of the track. Our proven metal track features the most reliable current distribution system ever devised. Stud contacts project from the center of the ties. Current is picked up by the sliding current collector on the underside of the locomotive. – Accurately formed black rails are securely mounted on a strudy metal roadbed, finished to resemble rock ballast. Rail-end joiners push together and pull apart easily for repeated use. – Center stud contact tongues lock together for excellent electrical contact, at the same time as the railjoiners go together. This not only assures a most reliable electrical connection, typical of the MÄRKLIN system, but in addition helps to hold the track sections together tightly. – Three track ovals are available, with varying diameters. The smallest oval, for branches and industrial sidings, consists of 8 sections of 5120, measuring 24″ in diameter. – The medium oval, consisting of 12 sections of 5100, measures 30″ in diameter. All of the related track items, turnouts, crossings, as well as the straight sections belong to the series with numbers beginning with 51. – The outer oval with 12 sections of 5200, is 36″ in diameter. The track sections, turnouts, crossings, etc. that belong to this series begin with the number 52 (see comparisons on page 42).

The screws needed for mounting the track when using 7171 sound deadening strips (see page 46) are included in the package. When not using the sound deadening strips we recommend using flat head screws No. 60 127.

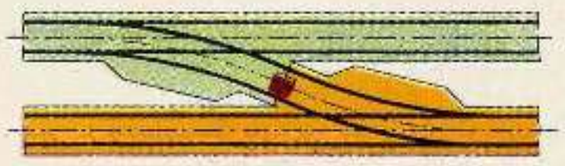


Fig. 2

It is easy to insulate one section of track from another. Simply slip a 5022 insulator piece (see page 45), or any piece of paper, between the center track tongues. NO SPECIAL SECTION OF TRACK IS NEEDED (Fig. 2).

FOR A TROUBLE FREE LAYOUT

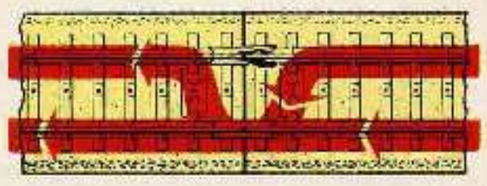


Fig. 1

A special feature of the MÄRKLIN track is the EXCELLENT CURRENT FEEDING QUALITIES. Even when the rail joiners are bent, as is likely to happen after much use, there is no problem of the current being fed as the other rail joiner will still carry the electrical current. No soldering is ever needed to connect your railroad (Fig. 1).

Curve Track Sections 5100

for standard curve

12 5100 Track Sections make a circle with a 30″ outside diameter.



5100 Full length = 30° **$ .40**

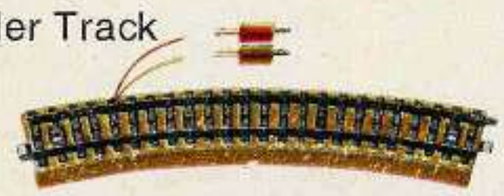


5101 Half length = 15° **$ .35**



5102 ¼ length = 7° 30′ **$ .35**

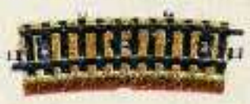
Feeder Track



5103 **$ 1.00** curved Full length = 30° 2 connecting cables

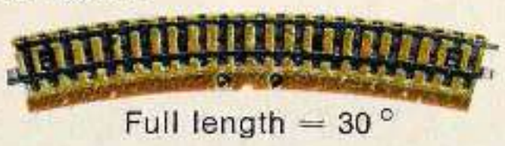
Contact Track Sections

Like the other track contact sections, these are used to operate automatically the impulse operated accessories such as turnouts, points, and signals. A small cam located in the center of the roadbed is actuated by the pickup shoe on locomotives and cars. There are two connecting sockets, one which is operated in each direction of travel of the train, so that you can have two different functions on each contact track section.



Contact track section **5147** curved Half length = 15° **$ 1.00**

Contact track



Full length = 30° **5104** curved **$ 1.00**

These track sections are used to operate, by remote control, the impulse operated accessories such as turnouts, points and signals. Contact is made by the wheels of the train regardless of the direction of travel. In use for automatic train control, one track is needed to turn the signal green, one to turn it red.

Interference suppressor track

Curved · Full length = 30° · For preventing interference in radio reception in the intermediate and long wave radio bands **5130** **$ 1.50**

Track with small radius



5120 **$ .45**

for branch lines and industrial trackage

CURVED TRACK SECTION · Full length = 45° · Branch lines and industrial sidings with small radius curves can be built using this track · 8 sections form a complete 24 inch diameter circle · Large locomotives such as 3047 and the express passenger coaches will negotiate this radius, however if you have reverse curves at least on full length section should be placed between the curve · The 5120 track sections can be used with the 5100 and 5200 sections so that a great variety of layouts can be designed

Straight Track Sections



5106 **$ .40** Full length = 7″



5107 **$ .35** Half length = 3½″

5129 **$ .35** Make up section = 2¾″



5108 **$ .35** ¼ length = 1¾″



5109 **$ .35** 3/16 length = 1 5/16″

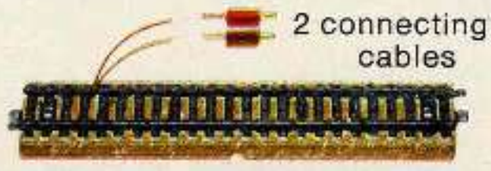


5110 **$ .35** ⅛ length = ⅞″



Straight Feeder Track

Full length = 7″ **5111** **$ 1.00**



2 connecting cables

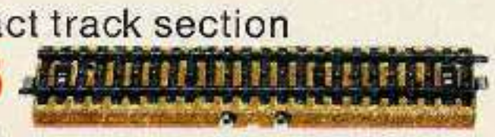
Contact track section

5146 **$ 1.00** Straight Half length = 3½″



Contact track section

5105 **$ 1.00**



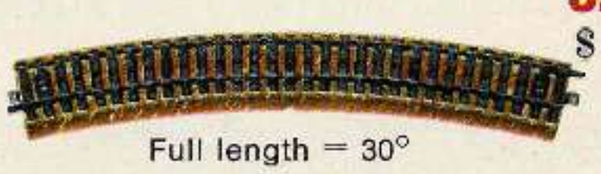
Straight · Full length = 7″

Curve Track Sections 5200

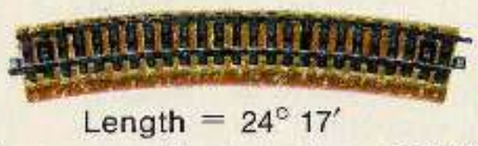
for outside curve

12 5200 track sections make a circle with a 36″ outside diameter.

5200 **$ .45**



Full length = 30°



5206 **$ .45**

Length = 24° 17′

Matches curved track section of 5202 Turnout



5201 **$ .40**

Half length = 15°



5205 **$ .35**

Length = 5° 43′

This section used with 5206 equals length of 5200

Contact track section



5213 **$ 1.00**

CONTACT TRACK, curved · For outside radius · Half length = 15° · Construction and operation is the same as for 5146/5147

STRAIGHT MAKE UP SECTION · 5/16″ long



5208 **$ .35**

STRAIGHT MAKE UP SECTION · ⅝″ long



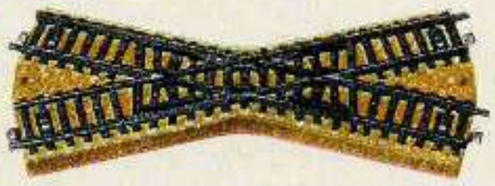
5210 **$ .30**



5211 **$ 1.50**

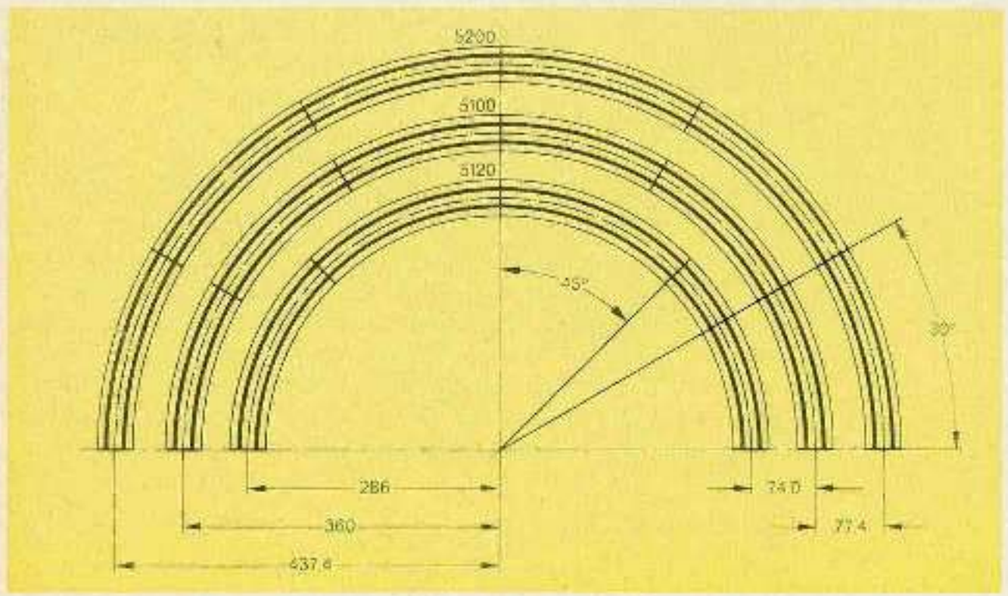
CROSSING · Frog angle 48½° · 3⅞″ long · The center studs of the crossing tracks are insulated electrically from each other

5114 **$ 2.00**



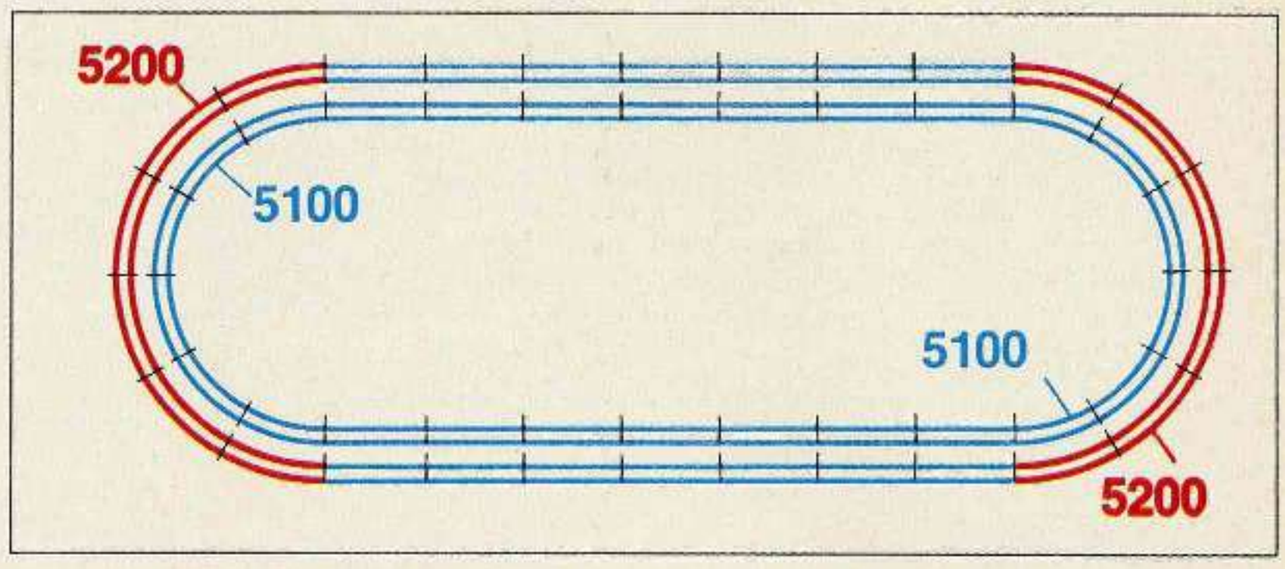
CROSSING · Length 7 3/5″ = 30° · The center studs of the two crossing tracks are insulated electrically from each other

HOW THE DIFFERENT MÄRKLIN TRACK CIRCLES COMPARE



This drawing shows the various MÄRKLIN track ovals with their radius dimensions, track intervals and angles, and also the number of sections required for full or partial circles.

1 circle of 5200 = 12 sections
1 circle of 5100 = 12 sections
1 circle of 5120 = 8 sections



Track sections of the 5200 Series are for extending an existing system already made up of 5100 Series track. They enable concentric circles to be laid with a track center spacing of 3″, and thus provide a safe operating distance between the two tracks of 1½″. The 5202 turnouts are used to cross from the inner to the outer loop. The construction of the 5200 track is the same as the 5100 M-Track.

Fair Trade prices in US Dollars

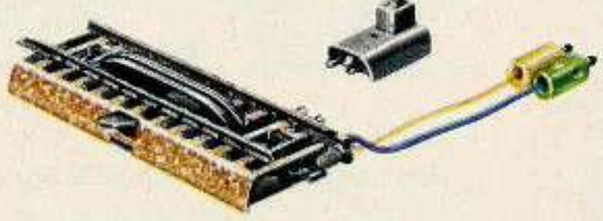
REMOTE CONTROL AUTOMATIC UNCOUPLING

5113 UNCOUPLER LIGHT STANDARD · Die cast metal · The light on the top of the standard lights up when the uncoupler track is energized · 3⅜″ high

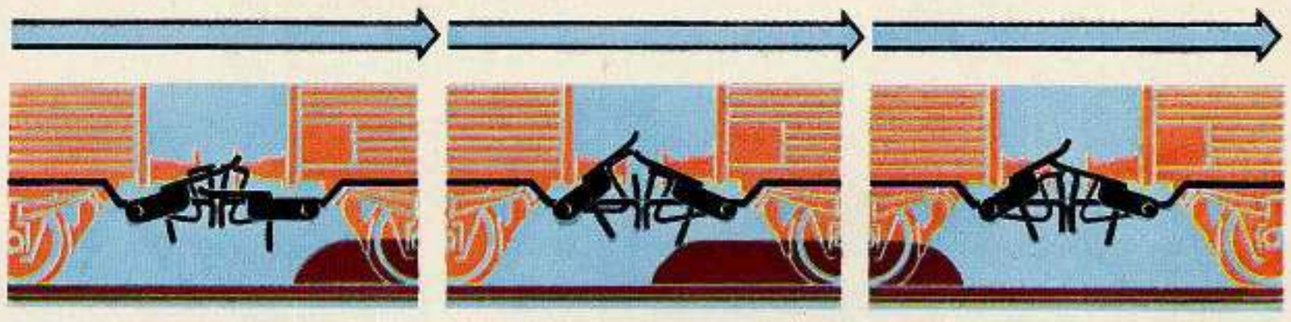


5113
$ 1.50

5112
$ 2.50



5112 UNCOUPLING TRACK SECTION · For releasing the automatic couplers on cars and locomotives · Ramps raise on either side of the center track studs, operated electrically by remote control from the control panel or manually by the lever on the side of the roadbed · Two connecting cables · Length 3½″ long



Raising the track ramp releases the couplers.

The RELEX is designed to provide "delayed action uncoupling". This permits you to push the cars after uncoupling without the couplers closing again.

Train operations become quite realistic, when you do not have to uncouple the cars and locomotives by hand. This can be done automatically using the uncoupling track section, along with the uncoupler light which adds greatly to the scenic effect. When the car is near the uncoupler light, a press of the control panel button will open the coupling leaving it standing from the rest of the train. Cars with the RELEX delayed action uncoupler can then be pushed by the locomotive without the couplers reengaging. By using this system a most realistic yard operation can be duplicated.

TRACK-EXTENSION-PACKS (M)

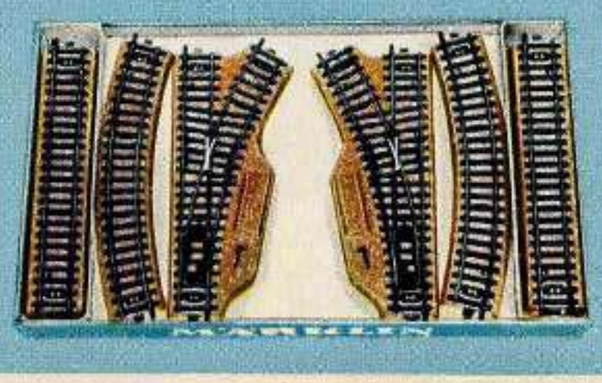
5090 TRACK EXTENSION PACK for extending track oval · Contains: 10 straight tracks 5106, 1 pair of electric turnouts 5202, 2 curve track 5206, 1 control panel 7072, 1 distributor panel 7209, two wood screws 78612 and two connecting cables · Instructions for the turnouts and track plans are included



5090
$ 17.95

5091 TRACK EXTENSION PACK for extending an oval track · Contains: 2 curved track 5100, 10 straight track 5106, 1 pair of manual turnouts 5121 and an instruction booklet with track plans

The 5090 and 5091 track packs can be used to extend the track ovals supplied with train sets 2955, 2975, 3121, 3200 and 3203.



5091
$ 8.95

TRACK END BUMPERS

7190 TRACK END BUMPER · Die cast metal buffer beam · 2¾″ long



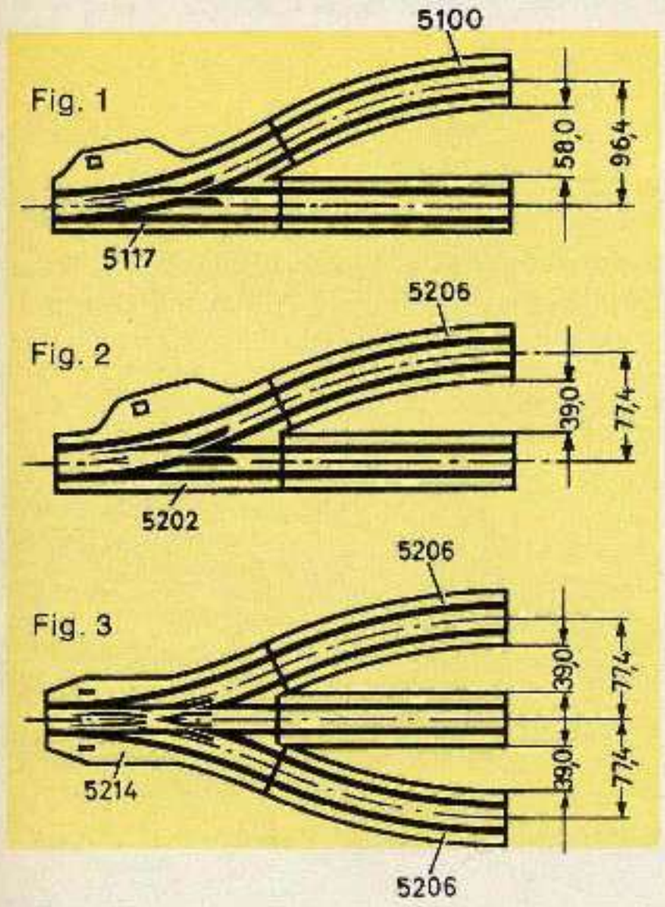
7190
$ 1.00



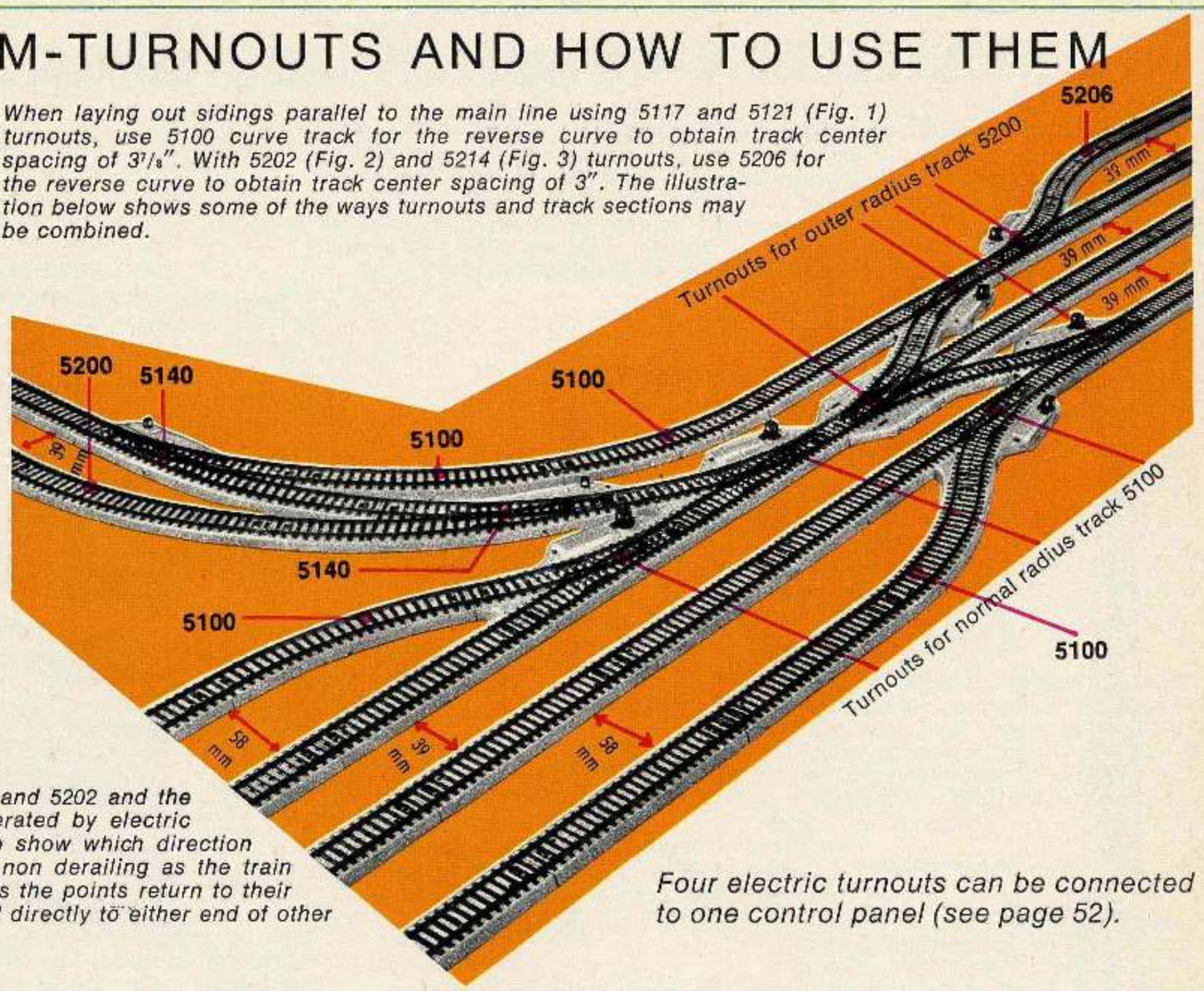
7191
$ 1.75

7191 TRACK END BUMPER · With working signal light · Die cast metal buffer beam · 2¾″ long

THE MÄRKLIN-M-TURNOUTS AND HOW TO USE THEM



When laying out sidings parallel to the main line using 5117 and 5121 (Fig. 1) turnouts, use 5100 curve track for the reverse curve to obtain track center spacing of 3⅞". With 5202 (Fig. 2) and 5214 (Fig. 3) turnouts, use 5206 for the reverse curve to obtain track center spacing of 3". The illustration below shows some of the ways turnouts and track sections may be combined.

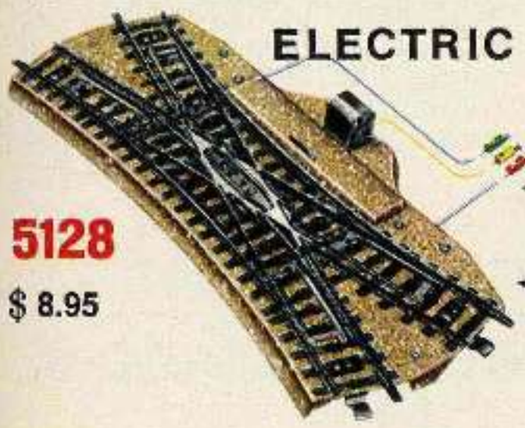


The electric remote control turnouts 5117, 5140 and 5202 and the double slip switches 5128 and 5207 are all operated by electric double solenoids, with working signal lamps to show which direction the points are set at all times. The points are non derailing as the train pushes the point aside and after the train passes the points return to their original setting. Extra turnouts can be connected directly to either end of other turnouts, giving you a big savings in space.

Four electric turnouts can be connected to one control panel (see page 52).

MÄRKLIN-M-TURNOUTS 5100

ELECTRIC TURNOUTS FOR REMOTE CONTROL OPERATION



5128
$ 8.95



5117
$ 10.95

5117 PAIR OF ELECTRIC REMOTE CONTROL TURNOUTS · One right hand, one left hand, both with double selenoids · Working signal lamps · Spring operated points · The track lengths are the same as 5100 and 5106

TURNOUTS FOR MANUAL OPERATION

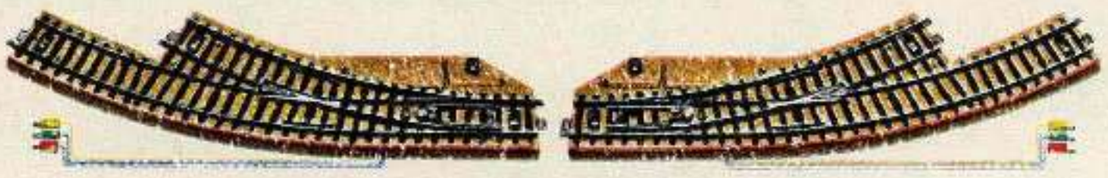


5121
$ 4.75

5121 PAIR OF MANUAL TURNOUTS · With hand lever and sprung points · Length of the track sections are the same as 5117

WITH ELECTRIC SOLENOIDS FOR AUTOMATIC OPERATION

5128 DOUBLE SLIP SWITCH · 30° crossing angle · Electric double solenoid · Working signal lamp shows whether set for crossing or diverging tracks · Hand lever for manual operation · The straight tracks are 7⁹/₁₆" long, and the curved tracks are 7½" long



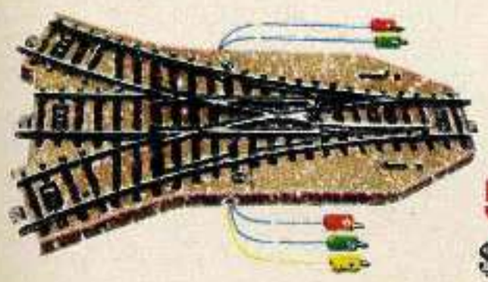
5140
$ 10.95

5140 ELECRIC REMOTE CONTROL CURVED TURNOUTS · One right hand, one left hand with double solenoid · Working signal lamps · Spring operated points · Length and radius of the inner curve is the same as 5100 · The length of the outer curve is 10½" long · Installation instructions are included with each pair

The curved turnouts provide cross-over facilities on curves, between inner and outer circles, while keeping regular three inch center spacing between tracks.

MÄRKLIN-M-TURNOUTS 5200

ELECTRIC TURNOUTS WITH DOUBLE SOLENOIDS FOR AUTOMATIC OPERATION



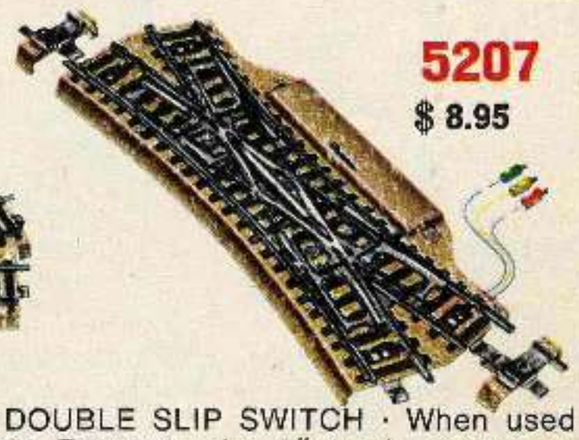
5214
$ 8.95

5214 THREE WAY TURNOUT, with electric double solenoids · Two hand levers for setting the points manually · Five connecting cables · The length of the straight track section is 7 inches and the radius of the curved sections is 18" · When used with the 5206 track sections the 3" track center spacing can be maintained (see Fig. 3, page 43)



5202
$ 10.95

5202 PAIR OF ELECTRIC REMOTE CONTROL TURNOUTS · One right hand and one left hand, both with double solenoids · Working signal lamps · The length of the curve track is ⅚ the length of 5200



5207
$ 8.95

5207 DOUBLE SLIP SWITCH · When used with the 5202 Turnouts the 3" track center spacing can be maintained · With double solenoid · Hand lever for manual operation · The straight track section is 7" long · Two 5208 make up track sections, each 5/16" long, are included

THE MÄRKLIN-CATENARY FOR MÄRKLIN-M-TRACK

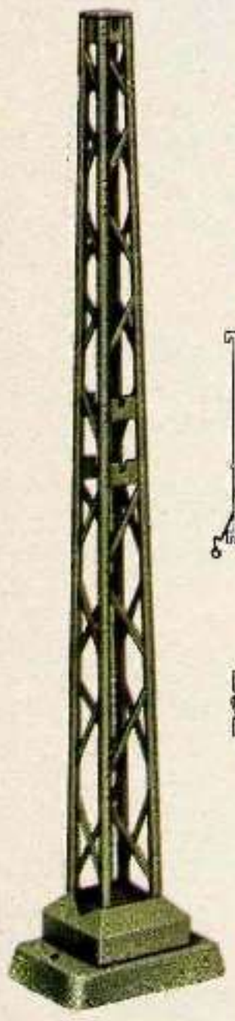
The electric locomotives can pick up their current from the overhead contact wires with the same reliability as from the track stud contacts. The lever on the locomotives changes over the pickup from the bottom shoe to the pantograph. With the MÄRKLIN system it makes no difference in which direction the locomotives is placed on the track. For maximum operation it is advisable to connect the catenary system to a separate transformer. This will allow you to run two locomotives on the same track under independant control.



7003 $ .35

7003 FEEDER CABLE for supplying current to any point of the catenary system, especially in conjunction with tower masts · 24″ long

ADDITIONAL PARTS FOR THE CATENARY SYSTEM



7021 $ .75

7021 TOWER MAST, plastic · Base 1″ x 1¼″ · 7½″ high · For tower mast with lights see page 54



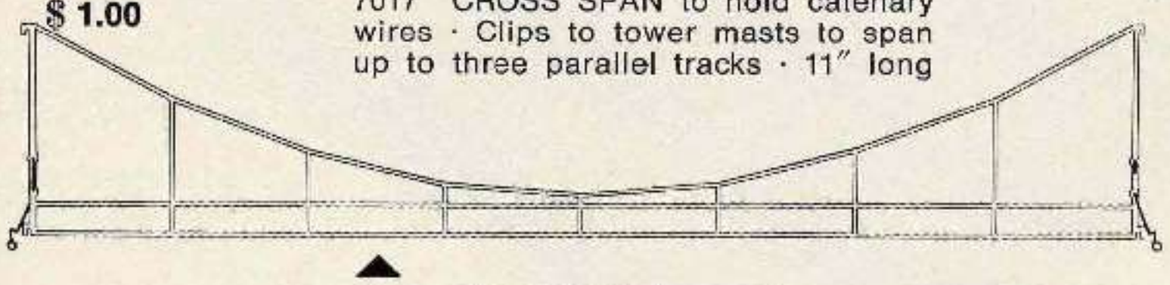
7006 $ .15

7006 CROSS SPAN INSULATOR for mounting contact wires on cross spans · One required for each connection above each track · Illustration full size



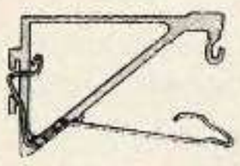
7017 $ .75

7017 CROSS SPAN to hold catenary wires · Clips to tower masts to span up to three parallel tracks · 11″ long



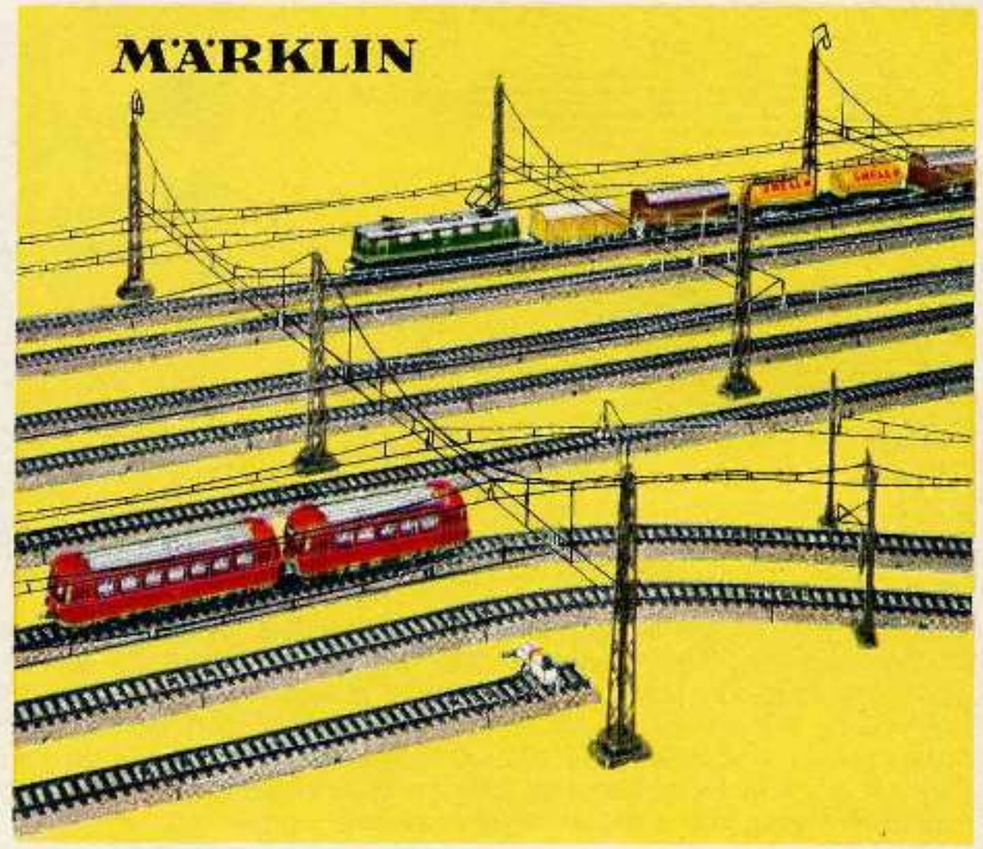
7016 $ 1.00

7016 CROSS SPAN to hold catenary wires · Clips to tower masts to span up to four parallel tracks · 15½″ long



7025 $ .30

7025 CANTILEVER SUPPORT ARM · Clips to the side of the tower mast to provide support for contact wires over single track passing on the outside of tower masts



7004 $ .30

7004 FASTENING KIT · Contains: 5 screws, 5 nuts and 5 washers · For use where ever two overhead wire sections meet, where there is no mast

7005 $ 3.00

7005 CATENARY SET FOR SIGNALS · Contains: 2 signal masts 7012, 2 insulator pieces 7022 and 2 contact wires 7014 · For use with home signals of the series 7000 for automatic train control

COMPONENT PARTS FOR CATENARY SYSTEM

7009 CATENARY MAST · Basic support · 4³/₈″ high

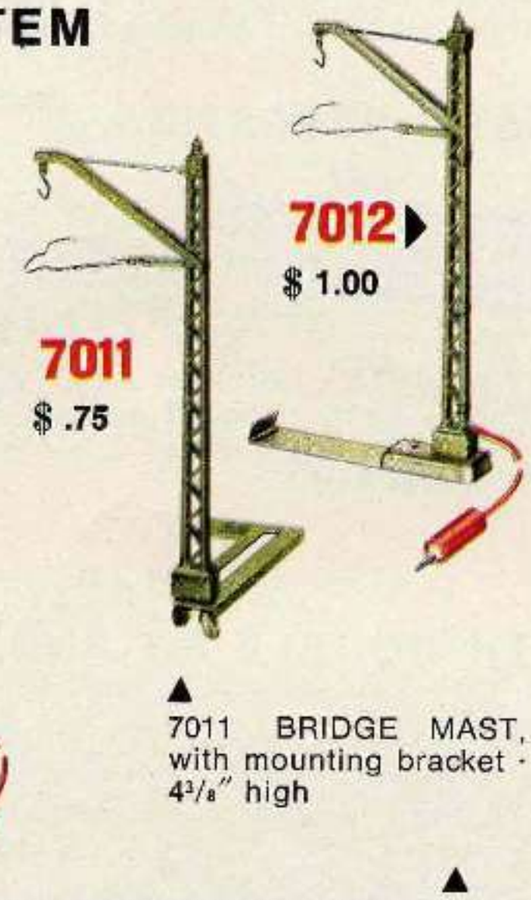
7010 FEEDER MAST · For supplying current to contact wires · With two cables · Instructions for building catenary system · 4³/₈″ high

Fair Trade prices in US Dollars



7009 $ .50

7010 $ 1.50

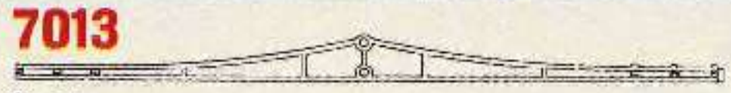


7012 $ 1.00

7011 $ .75

7011 BRIDGE MAST, with mounting bracket · 4³/₈″ high

7012 FEEDER MAST FOR SIGNALS with 1 cable · 4³/₈″ high

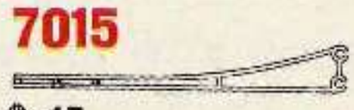


7013 $ .25

7013 CONTACT WIRE SECTION with slide together connections at each end, for straight and curve track and for use over turnouts · 9½″ long



7023 $ .20



7015 $ .15



7014 $ .15

7014 CONTACT WIRE SECTION with slide connection · 4½″ long

7015 CONTACT WIRE SECTION with slide connection · 4½″ long

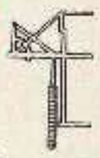


7022 $ .40



7018 $ .25

7018 CONTACT WIRE SECTION for straight and curved track · 10³/₄″ long

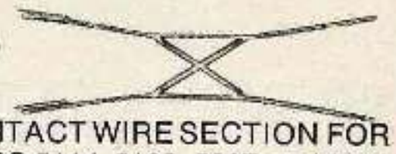


7020 $ .30



7019 $ .30

7019 CONTACT WIRE SECTION for straight track only · 14½″ long



7277 $ .50

7277 CONTACT WIRE SECTION FOR CROSSINGS 5114, 5128, 5207 and 5211

7020 SIMULATED WIRE TENSIONER · Clips to side of catenary masts for scenic effect

7022 INSULATOR SECTION CONTACT WIRE for interrupting current · With slide connection · 4½″ long

7023 MAKE-UP CONTACT WIRE SECTION, with slide connections at each end · 4″ long

The overhead contact wires, with their tensioning and cross span connections, are designed exactly as on the prototype. This is why the MÄRKLIN catenary system appears so realistic, both on single tracks and where cross spans are used over yards.
The catenary masts are of a durable, flexible plastic, and are rugged and durable.
The spring contact wire holders assure a reliable contact at all times and maintains a contact voltage.

Telescoping contact wires 7013 and 7023 adjust to any track dimension. Because of their flexibility, they fit any curve accurately, without any auxilliary equipment. The longest contact wire 7019 has been designed for use on long straight aways.
Using the tower mast 7021 and the cross spans 7016 any width of track can be spanned. You need 2 mast and one cross span for the first four tracks and one mast and one span for each additional four tracks. The cantilever support arm 7025 can be installed for single tracks next to the tower masts.

THE MÄRKLIN SIGNAL ASSORTMENT FOR MÄRKLIN-M-TRACK

Automatic Train Control Home Signals are designed to . . .

. . . automatically start and stop trains. The track is dead when the signal is red. Two built in ON-OFF track power switches control this whether the signal is operated by remote control from the panel, by the moving train with contact tracks, or operated manually.

. . . install without tools; no other equipment needed. The metal mounting plate locks under the track roadbed of straight and curved track to connect "ground".

. . . use the 7072 control panel (7072 $ 2.00 see page 52) and the buttons will show which direction the signal is set.

. . . have built in color coded wiring. Match the colored plugs to the like colored sockets of the control panel. Slip the red wire connectors to the center track tongues before and after the insulation points. Simple illustrated instructions included with each signal.

. . . control trains operating from the catenary system. Feeder mast plugs into the signal; use insulator contact wire. No other equipment needed.

. . . provide you with an automatic, accident free operating layout. Thus you can operate several trains on schedule and still have lots of time to do yard switching and make up trains. And the colored lights add greatly to the scenic effect of your layout.

. . . offer completely prototype signaling including warning signals. These are installed as the home signals are and connect directly to the home signals. Thus you have an indication of the home signal setting even if it is behind a building.

One 7072 control panel can operate at least four home signals, connected with warning signals.

These home signals can all be used for automatic train control, whether used with the stud contact or the catenary system. The 7041 home signal has three coils, while all other home signals have two coils. The current switches can handle heavy loads because of their durable silver contacts.

The connecting wires have color coded plugs with side sockets, thus allowing extra plugs to be inserted. Sockets are incorporated into the signal base for connection to the catenary system and for "ground" connections. The masts are high detailed die cast metal. Scale lighting is provided by special bulbs. Track insulators, a base plate, and illustrated instructions are included.

WARNING SIGNALS WITHOUT TRAIN CONTROL



7036 $ 5.95

7036 WARNING SIGNAL WITHOUT MOVING ARM with disc movable · Double solenoid · Signal lights change from amber/amber to green/green · Two blue cables for automatic operation · Connection to control panel or for working together with home signal · Yellow cable for current supply · The three plugs (red, green and yellow) have cross-sockets · For use in conjunction with the 7039 home signal · 1 1/8 in. wide, 2 5/8 in. long and 2 7/8 in. high



7037 $ 6.95

7037 WARNING SIGNAL with extra movable arm and fixed disc · Operation, lights and cables as No. 7036 · Lights change from amber/amber to amber/amber/green · For use in conjunction with the 7040 home signal · 1 1/8 in. wide, 2 5/8 in. long, 2 7/8 in. high



7038 $ 7.95

7038 WARNING SIGNAL with extra arm and disc both movable · Two double solenoids · Signal lights change either as No. 7036 or 7037 · Three blue cables with red, green and orange cross-plugs · Current supplied by yellow cable with yellow cross-plug · Used mostly in conjunction with the 7041 home signal · 1 1/8 in. wide, 2 5/8 in. long and 2 7/8 in. high

SIGNALS FOR AUTOMATIC TRAIN CONTROL



7039 $ 6.50



7040 $ 7.50



7041 $ 9.–



7187 $ 4.75



7188 $ 6.50



7042 $ 6.50



7045 $ 4.50

7042 YARD AND SIDING SIGNAL · With lighted moving signal disc · For stopping and starting trains in sidings and yards · 1 1/8″ wide, 2 3/4″ long and 2 3/4″ high

7045 UNIVERSAL REMOTE CONTROL SWITCH · Can be used for turning lighting current or train current on and off · Can be controlled by the control panel, by contact tracks or by the hand lever · The many functions of this unit, such as turning on and off station lights by passing trains, or overriding certain train control signal is fully covered in our Signal Manual

FOR RAIL AND CATENARY

7039 HOME SIGNAL with one semaphore arm and signal light changing from red to green · 1 1/8 in. wide, 2 3/4 in. long and 5 in. high

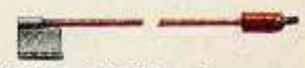
7040 HOME SIGNAL with two coupled semaphore arms and signal lights changing from red to green/amber · 1 1/8 in. wide, 2 3/4 in. long and 5 in. high

7041 HOME SIGNAL with two independantly working semaphore arms · The operation is the same as other train control signals, but in addition a third solenoid with an additional blue cable with orange plug allows three separate signal indications · Signal lights change from red to green, or from red to green/amber · 1 1/8″ wide, 3 7/8″ long and 5″ high

7187 COLOR LIGHT DISTANT SIGNAL · For use only in conjunction with the 7188 colour-light home signal · Signal lights change from green/green to amber/amber by four bulbs in all · 5/8 in. wide, 7/16 in. long, 2 3/8 in. high

7188 COLOR LIGHT HOME SIGNAL · Two signal lights change from red to green, with automatic train control · Hand lever for manual operation · Pair of sockets for connection with the 7187 Distant Signal · 1 1/8″ wide, 2 3/4″ long and 3 1/2″ high

5004 $ .35



5004 CONNECTING CABLE for center track tongue connection · 30″ long

5022 $ .10

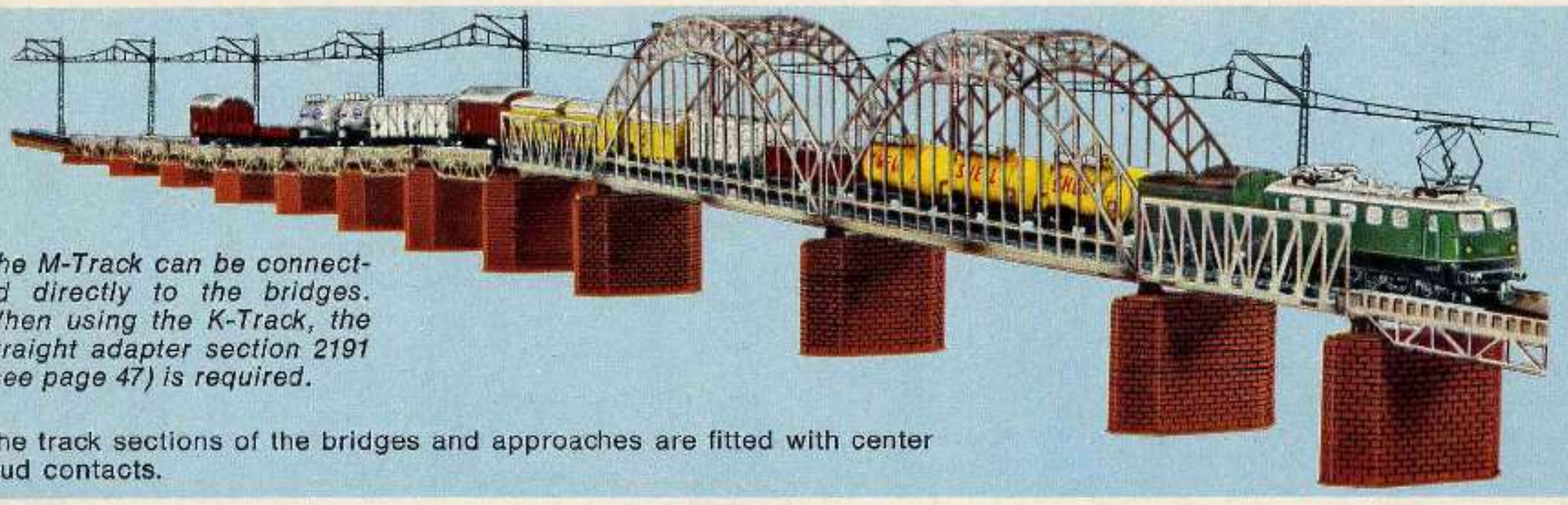
5015 $ .25



5015 INSULATION MARKER for identifying insulation points

5022 CENTER TRACK TONGUE INSULATOR · For insulating five track joints

Fair Trade prices in US Dollars



The M-Track can be connected directly to the bridges. When using the K-Track, the straight adapter section 2191 (see page 47) is required.

The track sections of the bridges and approaches are fitted with center stud contacts.

With these different bridge parts any size and combination of bridge can be built. The 7064 and 7065 bridge piers fit together to any height desired, in increments of 1/4 inch. The baseplates 7066 provide a most realistic foundation for your bridge unit.

BRIDGES FOR MÄRKLIN M-TRACK

Approach sections, together with bridge piers, are suitable for building up straight and curved approaches. Integral centre stud contact tracks are provided, with slots for the 7011 catenary supports for the overhead contact wire (see page 44).

7162
$ 1.75



7162 TRUSS BRIDGE · Can also be connected with the 7163 bridge as the beginning of a larger structure · Grey · With 5100 type track built in · Slot for 7011 bridge mast · 1 7/8" high · 7" long

7163
$ 5.95



7163 ARCH BRIDGE · Grey · With 5100 type track built in · 2 slots for 7011 bridge mast · 4 5/6" high · 14" long

7161
$ 1.50



7161 PLATE GIRDER BRIDGE · Grey · With integral centre stud contact track and slots for the 7011 catenary supports for the overhead contact wire · 1 in. high · 7 in. long

7168
$ 1.50



7168 STRAIGHT APPROACH SECTION · Grey · With integral centre stud contact track · 7 in. long

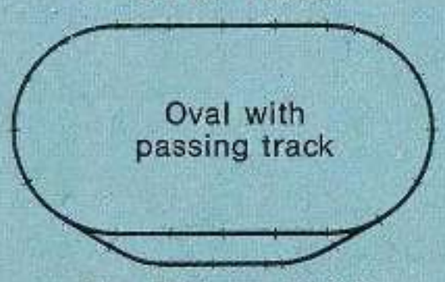
7167
$ 1.50



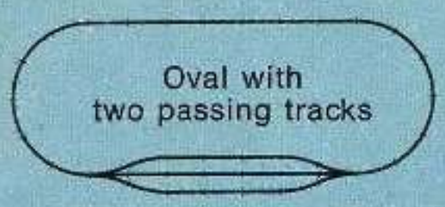
7167 CURVED APPROACH SECTION · Grey · With the same curve as the 5100 track section · Integral centre stud contact track · 7 1/2 in. long

Basic H0 Gauge Track Layouts for M-Track

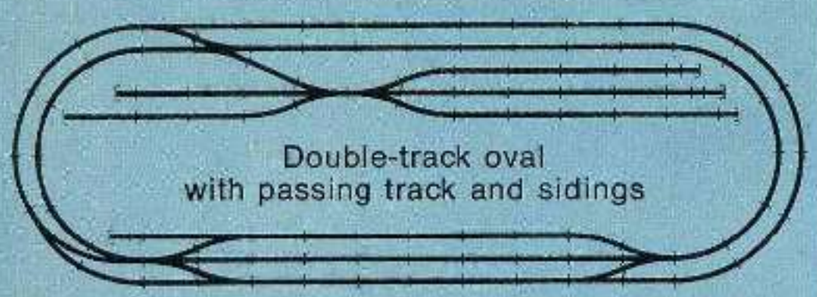
M



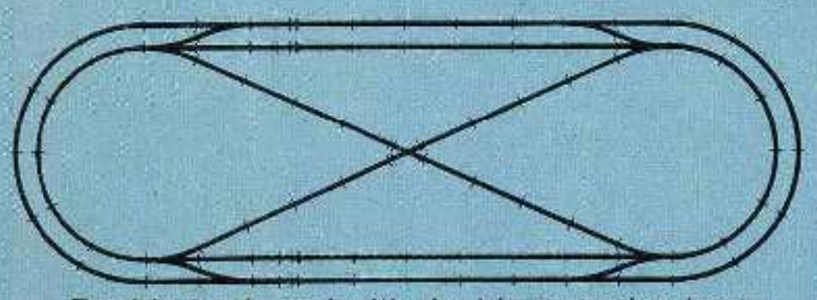
Size 58 1/4 by 33 1/2 in.
Track sections: Eleven 5100, one 5103, ten 5106, one 5108, one pair of 5117 or 5121 points



Size 80 7/16 by 33 2/3 in.
Track sections: Eleven 5100, one 5103, eighteen 5106, four 5206, two 5214



Size 107 by 36 1/5 in.
Track sections: Eleven 5100, one 5103, sixty-one 5106, one 5107, three 5108, one 5111, one 5140, ten 5200, two 5202, four 5206, one 5207, four 5214



Double-track oval with double reversing loop
Size 106 3/10 by 36 1/5 in.
Track sections: Eleven 5100, one 5103, forty-three 5106, four 5107, four 5108, four 5110, one 5111, twelve 5200, two 5202, four 5208, four 5210, one 5211, four 5214

BRIDGE PIERS

7064
$ .50



7064 PIER · 1 1/4" high · Plastic

7065
$ .30



7065 PIER · 1/4" high · Very suitable for building bridge approach grades with a 1/4" rise between sections · Plastic

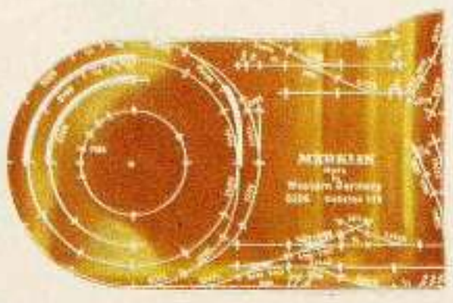
7066
$ .25



7066 BASEPLATE for use as foundation · Green · 1/8" high · Plastic

Fair Trade prices in US Dollars

0206
$ 3.75



0206 TRACK PLANNING TEMPLATE · Transparent plastic · An indispensable aid for designing track plans · 1 : 10 scale covers all track sections for the series 5100/5200

7002
$ 1.00



7002 RERAILING RAMP to help in placing rolling stock on the layout · 12" long · 3/4" high

7171
$ 2.00



7171 SOUND DEADENING RUBBER STRIPS · 50 pieces with 50 flat head wood screws · The rubber strips hold the track above the train board · A hollow shoulder extends through the track screw hole to insulate the screw head · Slim flat head screws hold the track firmly to the board · Instructions supplied also show how to mount turnouts, points, and crossings · Catenary masts lock under the roadbed without screws · Test have shown that the noise of running trains on plywood is reduced 50% with these sound deadening strips

0321
$ .35



MÄRKLIN H0 TRACK PLANS FOR M-TRACK 5100 AND 5200



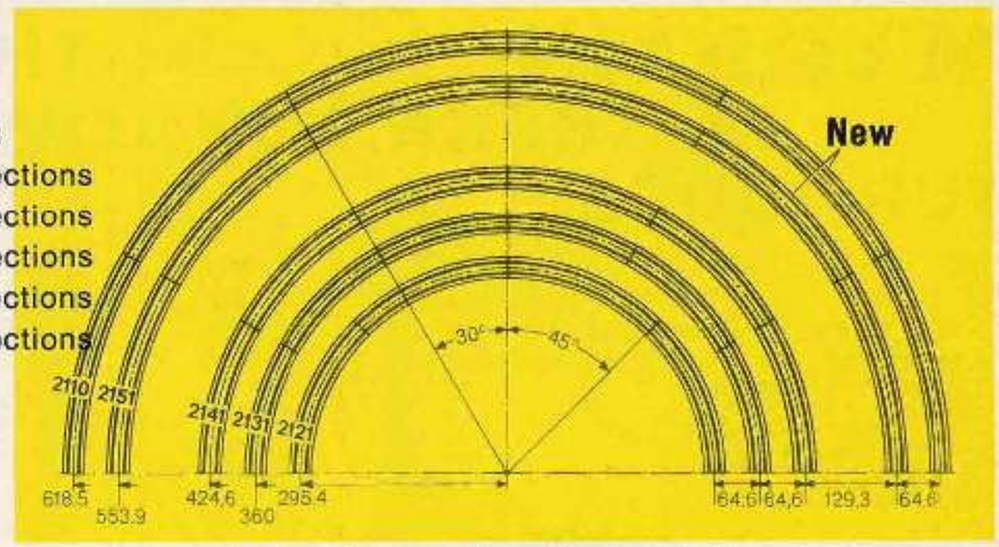
0351 **$ 2.75**
ADVANCED MÄRKLIN H0 TRACK PLANS FOR M-TRACK 5100 AND 5200



0341 **$ 1.25**
MÄRKLIN SIGNAL MANUAL FOR M-TRACK

For more information on these booklets see page 53.

MÄRKLIN-K-TRACK 2100 (K = Plastic)

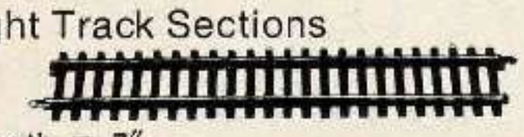


The five circles of MÄRKLIN-K-Track:

1 Industrial circle	2110	= 8 Full sections
1 Standard radius I	2121	= 12 Full sections
1 Standard radius II	2131	= 12 Full sections
1 Wide radius I	2141	= 12 Full sections
1 Wide radius II	2151	= 12 Full sections

The MÄRKLIN-K-Track 2100 use the same stud contact system as described, with its advantages, on page 41. Both running rails are mounted on highly detailed plastic ties. The stud contacts—barely visible—project through the ties from below, and when used with the pickup shoe on the locomotive assure an extremely reliable current pickup system. The rails are connected by rail joiners, stud contact connectors, plus a snap coupling of the plastic tie strip. To fasten the K-track to the board use a small 1/2" long brad.

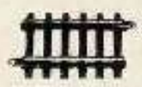
Straight Track Sections



Full length = 7" — **2100** $ .45



Half length = 3 1/2" — **2101** $ .45



1/4 length = 1 3/4" — **2102** $ .40



1/8 length = 7/8" — **2104** $ .40

Equalizing Straight Track



6 5/8" long — **2106** $ .45

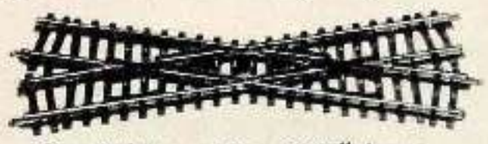


6" long — **2107** $ .45



1 1/2" long — **2108** $ .40

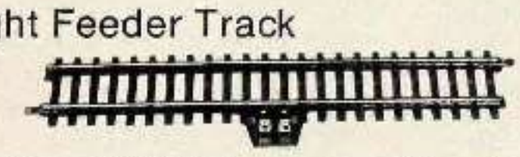
Crossing · 22° 30′ crossing angle



2159 $ 3.00

Straight section 6 5/8" long

Straight Feeder Track



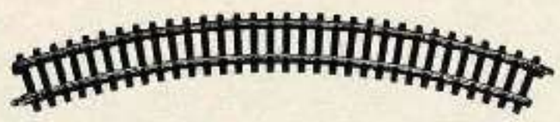
2190 $ 1.00

Full length = 7" · With two connecting clips, marked "O" and "B"

Curved Track Sections

12" Radius — Industrial circle

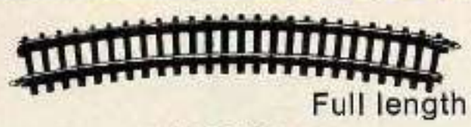
2110 $ .50



Full length = 45°

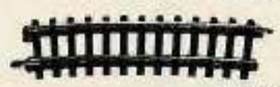
15" Radius — Standard radius I

2121 $ .45



Full length = 30°

2123 $ .45



Half length = 15°

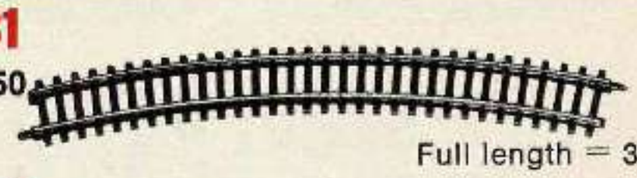
2124 $ .40



1/4 length = 7° 30′

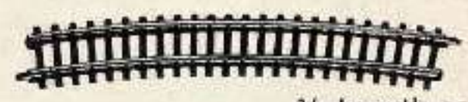
17" Radius — Standard radius II

2131 $ .50



Full length = 30°

2132 $ .50



3/4 length = 22° 30′

2133 $ .45



Half length = 15°

2134 $ .45



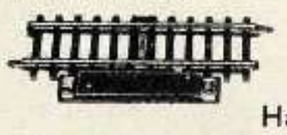
1/4 length = 7° 30′

2135 $ .45



1/8 length = 3° 45′

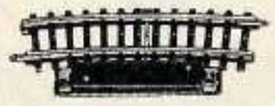
Straight Contact Track



2199 $ 2.00

Half length = 3 1/2"

Curved Contact Track



2129 $ 2.00

Half length = 15° 15" Radius

Curved Contact Track



2139 $ 2.00

Half length = 15° 17" Radius

The contact track sections permit automatic control of all impulse operated electrical accessories such as points, signals, etc. They are activated by the pickup shoe on the locomotive. Two sets of contacts, one operating in each direction the train travels, carry different switching functions, independantly of each other.

Uncoupler Track Section



2197 $ 3.50

Half length = 3 1/2"

For automatic uncoupling of rolling stock · The uncoupling ramp in the center of the track can be operated electrically from the control panel or by hand with the lever on the side

K-TRACK EXTENSION PACK

The Track Packs 2090 and 2091 are designed for extending the track oval as supplied in Train Sets of the 2815 and 3184 Series.

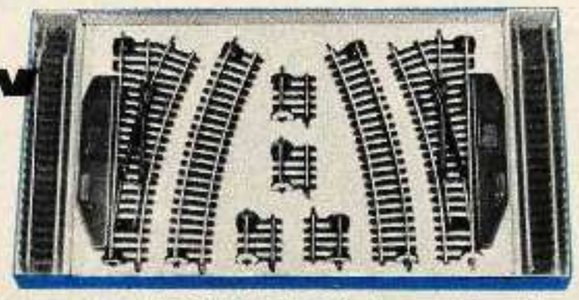
New



2090 $ 21.95

2090 TRACK EXTENSION PACK for extending oval tracks · Contains: 8 straight track 2100, 2 straight track 2107, 4 straight make-up track 2108, 2 curve track 2132, 1 pair of electric remote turnouts 2161, 1 control panel 7072, 1 distributor panel 7209, 2 mounting screws and 2 connecting cables · Complete instructions and track plans are included

New



2091 $ 12.95

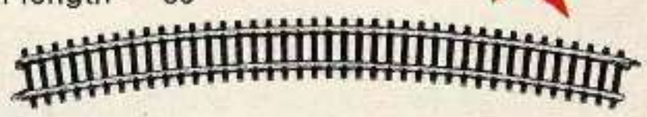
2091 TRACK EXTENSION PACK for extending oval tracks · Contains: 8 straight track 2100, 2 straight track 2107, 4 straight make-up track 2108, 2 curve track 2132, 1 pair of manual turnouts 2164 · Instruction book with track plans is included

Curved Track Sections

21 1/2" Radius — Wide radius I

2141 $ .65 New

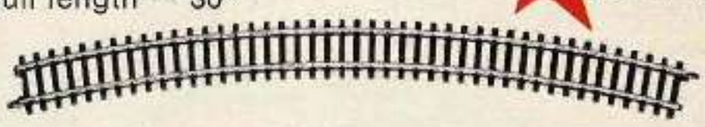
Full length = 30°



24" Radius — Wide radius II

2151 $ .65 New

Full length = 30°



GROUND TERMINAL — **7500** $ .35



Terminal for connecting the ground wire to 2100 Series track

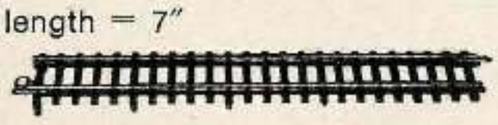
TRACK END BUMPER — **7391** $ .75



in rivested steel construction design · Snaps into the rails · Black with red and white striped buffer beam · Length: 1 1/2" · Mounting screw supplied

STRAIGHT ADAPTER TRACK

Full length = 7"



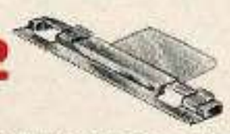
2191 $ 1.00

For use when connecting 5100/5200 type track to 2100 type track



7504 $ .20

7504 TERMINAL FOR CENTER STUD CONTACTS · Connected at the rail joints of 2100 Series track to provide current



7522 $ .15

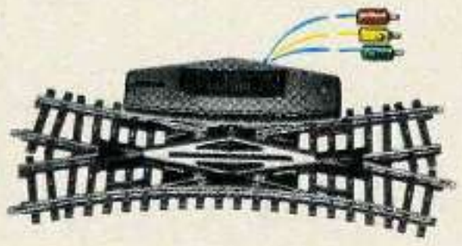
7522 INSULATOR FOR CENTER STUD CONTACTS · This is placed between the copper contacts of the 2100 Series track for electrical insulation

MÄRKLIN-
K-TRACK 2100
TURNOUTS

2160 DOUBLE SLIP SWITCH · 22° 30′ frog angle · 17″ radius · Switch points operated electrically by double solenoid · Has hand lever for manual operation · Length of straight track section: 6⅝″ long

Double
Slip Switch

2160 ▶
$ 8.95



Electric Remote Control Turnouts

2161



$ 11.95

2161 ELECTRIC REMOTE CONTROL TURNOUTS (POINTS) · One right hand and one left hand, switch points operated by double solenoid · Scale switch points · Frog angle 22° 30′ · Radius of curve section is 17″ · Working indicator lights · Length of straight section: 6⅞″

Manual Turnouts

2164



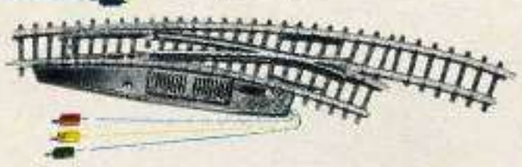
$ 5.95

2164 MANUAL TURNOUTS (POINTS) · One right hand and one left hand for manual operation · Scale switch points · Frog angle 22° 30′ · Radius of curve section: 17″ · Length of straight section: 6⅞″



2167
$ 12.95

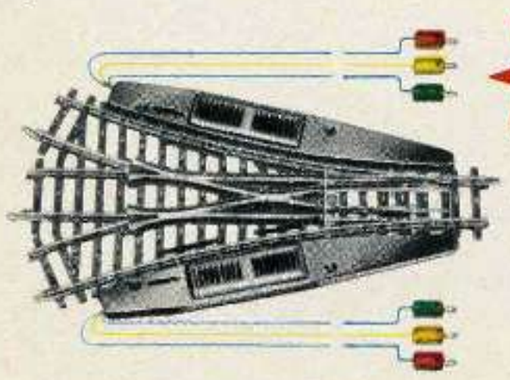
Curved Turnouts,
Electric
Remote Control



2167 CURVED TURNOUTS, ELECTRIC REMOTE CONTROL · One right hand, one left hand operated by double solenoid · Sprung switch points · The length and curve of the track section is the same as 2121 · Length of outside curve is 9½″

Three Way Turnout

2170
$ 9.95



New

2170 THREE WAY TURNOUT with 2 electric solenoids · Two lever for setting the turnouts by hand · 6 connecting cables · Length of straight section: 6⅝″ · Angle of frog: 22° 30′ · Radius of the curved sections: 17″

Fair Trade prices in US Dollars

THE MÄRKLIN
7505 CATENARY SYSTEM 7500
FOR MÄRKLIN-K-TRACK 2100

$ 3.00

7505 CATENARY SIGNAL SET · For automatic operation of trains through the use of signals · Contains 2 signal masts 7512, 2 insulation wire sections 7022 and 2 connector wires 7014 · This mast may be used with the 7200 Series Signals · For use with 2100 Series Track

7511 BRIDGE MAST · For hanging catenary wires on bridges and approaches · 3⅞″ high

7509
$ .50



7509 CATENARY MAST · Basic mast for constructing a catenary system with the 2100 Series track · 3⅞″ high · With base plate for fastening to the track

7510 ▶
$ 1.50



7510 FEEDER MAST · For supplying power to the catenary system · Comes with connecting cable with plug · Also commes with brown cable for connecting "ground" and complete instructions for building the catenary system · Height 3⅞″ · Base plate for fastening the mast to 2100 series track

7512 ▶
$ 1.00



7512 SIGNAL MAST with red connection wire for connecting signals to the catenary system · Height 3⅞″ · Comes with base plate for use with 2100 series track

7511 ▲
$ .60

New



7521
$ .75



7521 TOWER MAST · Used to hold the cross span wire supports · Comes with base plate for use with the 2100 series track · Base size: ½″ x ¾″ · Height: 6″

7524
$ .50



New

7524 CATENARY MAST with openings for attaching support arm 7525 · Comes with base plate for use with the 2100 series track · 3¾″ high

New

7525
$ .30



7525 SUPPORT ARM for hanging single or double catenary wires in conjunction with Masts 7521 or 7524

7503 ▶
$ .35



7503 CATENARY SIGNAL CONNECTING WIRE · For use when connecting the Signals to the catenary system for automatic operation of trains · Grey cable · 22″ long

7004
$ .30

7004 FASTENING KIT · Contains: 5 screws, 5 nuts and 5 washers · For use where ever two overhead wire sections meet, where there is no mast

ADDITIONAL PARTS FOR THE CATENARY SYSTEM

7020
$ .30



7020 SIMULATED WIRE TENSIONER · Clips to side of catenary masts for scenic effect

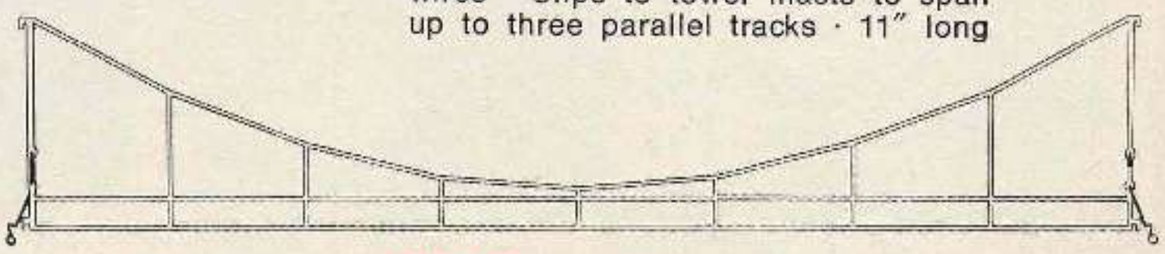
7017
$ .75



7017 CROSS SPAN to hold catenary wires · Clips to tower masts to span up to three parallel tracks · 11″ long

7006
$ .15





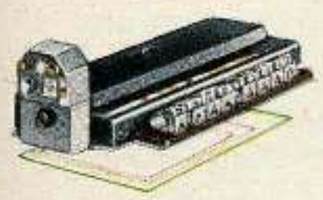
7006 CROSS SPAN INSULATOR for mounting contact wires on cross spans · One required for each connection above each track · Illustration full size

7016
$ 1.00

7016 CROSS SPAN to hold catenary wires · Clips to tower masts to span up to four parallel tracks · 15½″ long

7200 MÄRKLIN SIGNALS FOR MÄRKLIN K+M TRACK

The Light Home Signals and the Siding Signal of the 7200 series are equipped with contacts for automatic operation of trains, whether picking up power through the center contact on the track or from the catenary system. The masts of these signals can be installed on the layout separately from the solenoid control unit. In this case the mounting plate 7230 is required to connect the mast to the track. When using the signals with 5100/5200 series track the 7231, 7232 and 7233 mounting plates are required to connect to "ground". When used with 2100 series track, 7531, 7532 and 7533 are required.



7242 $ 8.95

7242 DWARF SIDING SIGNAL · Lights change from red/red (stop) to white/white (proceed with extreme caution) and start and stop the trains automatically · 2 light bulbs in housing · Lever for hand operation · Width: 1⅛" · Length: 3¾" · Height: ¾"



7245 $ 5.00

7245 UNIVERSAL TRAIN CONTROL · Can be used for automatically running trains and for automatically turning on and off lighting current · The control can be operated by track contacts or from the control panel · Lever for hand operation · The many uses of this control are covered in the instructions and the Signal Manual · Width: 1⅛" · Length: 2¾" · Height: ⅜"



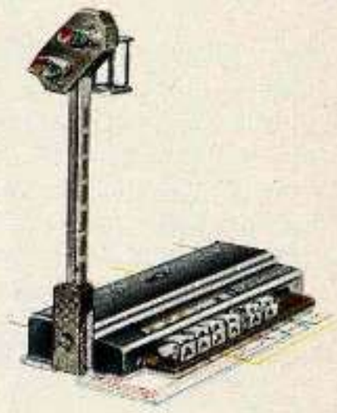
7236 $ 4.75

7236 LIGHT DISTANT SIGNAL · Lights change from yellow/yellow (caution) to green/green (proceed) · Signal has four separate lamps · Has terminals for connection with Light Home Signal 7239 · Comes with mounting plate 7230 · Width: ⅝" · Length: 1⅛" · Height: 2¾"



7237 $ 5.00

7237 LIGHT DISTANT SIGNAL · Lights change from yellow/yellow (caution) to yellow/green (proceed with caution) · Signal has four separate lamps · Terminals for connection with Light Home Signal 7240 · Comes with mounting plate 7230 · Width: ⅝" · Length: 1⅛" · Height: 2¾"



7238 $ 9.50

7238 LIGHT DISTANT SIGNAL · Lights change from yellow/yellow (caution) to green/green (proceed) or green/yellow (proceed with caution) · Signal has four separate lamps · Equipped with a double solenoid · For connection to Light Home Signal 7241 · Width: ⅝" · Length: 1⅛" · Height: 2¾"

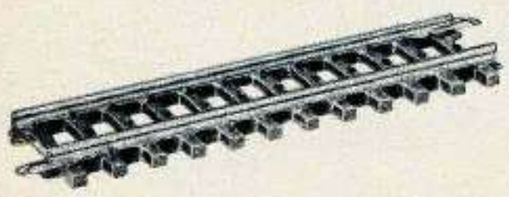
Insulators for center stud contacts, terminals for center stud contacts and instructions are supplied with the home signals 7239, 7240 and 7241.

7539 $ 4.95

7539 for K-Track only

7539 LIGHT HOME SIGNAL · Lights change from red (stop) to green (proceed) by manual operating with simultaneous control of the traction current in the central conductor of the solidly attached piece of track · An additional piece of track 3½" long with interrupted stud contacts · Width: 2" · Length: 3½" · Height: 3½"





7232 MOUNTING PLATE · Required when connecting Light Signals 7238, 7239, 7240 and 7242 to 5100/5200 series track

7232 $ .40



7531 $ .40



7531 MOUNTING PLATE for connecting the Light Distant Signals 7236/7237 to 2100 series track

7233 MOUNTING PLATE · Required when connecting Light Signal 7241 to 5100/5200 series track

7233 $ .40



7532 $ .40



7532 MOUNTING PLATE for connecting the Light Signals 7238, 7239, 7240 and 7242 to 2100 series track



7239 $ 8.95

7239 LIGHT HOME SIGNAL · Lights change from red (stop) to green (proceed) and start and stop the trains automatically · 2 light bulbs · Lever for hand operation · Width: 1⅛" · Length: 2¾" · Height: 3½"



7240 $ 9.95

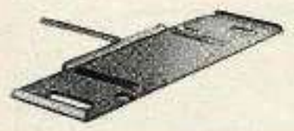
7240 LIGHT HOME SIGNAL · Lights change from red (stop) to green/yellow (proceed with caution) and start and stop the trains automatically · 3 light bulbs · Lever for hand operation · Width: 1⅛" · Length: 2¾" · Height: 3½"



7241 $ 11.95

7241 LIGHT HOME SIGNAL · Lights change from red (stop) to green (proceed) or to green/yellow (proceed with caution) and start and stop the trains automatically · Has additional solenoid for the green/yellow position · 3 light bulbs · 2 levers for hand operation · Width: 1⅛" · Length: 3¾" · Height: 3½"

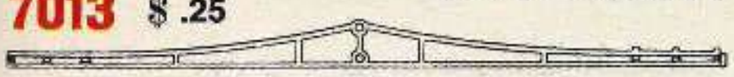
7533 $ .40



7533 MOUNTING PLATE for connecting the Light Signal 7241 to 2100 series track

COMPONENT PARTS FOR THE CATENARY SYSTEM

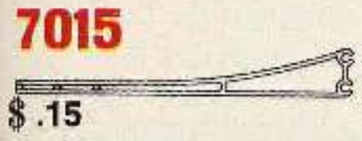
7013 $ .25



7023 $ .20



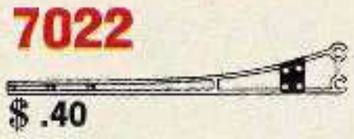
7015 $ .15



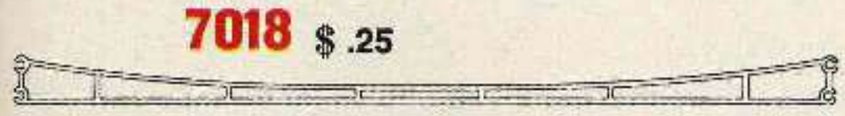
7014 $ .15



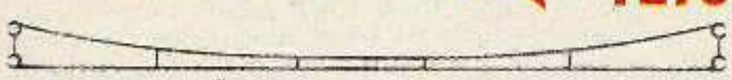
7022 $ .40



7018 $ .25



7278 $ .30

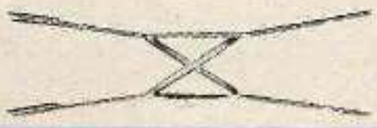


7019 $ .30



7277 CONTACT WIRE SECTION for crossings 5114, 5128, 5207 and 5211

7277 $ .50



7013 CONTACT WIRE SECTION, with slide together connections at each end, for straight and curve track and for use over turnouts · 9½" long

7014 CONTACT WIRE SECTION with slide connection · 4½" long

7015 CONTACT WIRE SECTION with slide connection · 4½" long

7018 CONTACT WIRE SECTION for straight and curved track · 10¾" long

7019 CONTACT WIRE SECTION for straight track only · 14½" long

7278 CATENARY WIRE SECTION, designed for use with track section 2121 · Length: 9¼"

7022 INSULATOR SECTION CONTACT WIRE for interrupting current · With slide connection · 4½" long

7023 MAKE-UP CONTACT WIRE SECTION, with slide connections at each end · 4" long

7230 MOUNTING PLATE · Required when the mast of signals 7238 through 7242 is installed separately from the electric solenoid drive unit



7230 $ .25

7231 MOUNTING PLATE · Required when connecting Warning Signals 7236/7237 to 5100/5200 Series track

7231 $ .40



NEW MÄRKLIN BRIDGES IN PLASTIC FOR M+K TRACK

7569 CURVED APPROACH SECTION · Grey plastic · Designed to accept 17″ radius track · Only for use with K-plastic track · Three clamps included for fastening K-track to approach · Length and radius the same as track section 2131

7569
$ 2.00

7569 for K only



M + K

7267
$ 1.75

7267 CURVED APPROACH SECTION · Grey plastic · Designed to accept 15″ radius track · For use with both K-plastic track and M-metal track · 3 clamps included for fastening K-plastic track to approach · Length and radius the same as 2121

7268 STRAIGHT APPROACH SECTION · Grey Plastic · For use with both K-plastic track and M-metal track · 3 clamps included for fastening K-plastic track to approach · Length 7″

7268
$ 1.75



M + K



7234
$ .40

7234 BASE FOR MAST · For fastening the signal masts of series 7200 to bridges · Fastening plate for signal mast included

7511 BRIDGE MAST · For hanging catenary wires on bridges and approaches · 3⅞″ high



7511
$ .60

For catenary masts and catenary wires see page 48.



7262
$ 2.00

7262 TRUSS BRIDGE · Grey plastic · Can be used alone or with arch bridge 7263 · For use with both K-plastic track and M-metal track · Three clamps included for fastening plastic track to bridge · Height: 1¾″ · Length: 7″



7263
$ 4.50

7263 ARCH BRIDGE · Grey plastic · For use with both K-plastic track and M-metal track · 6 clamps included for fastening K-plastic track to bridge · Height: 4½″ · Length: 14″



7253
$ .40

7253 PIER · 1¼″ high · Grey plastic



7252
$ .35

7252 PIER · ¼″ high · Grey plastic · Very suitable for building bridge approach grades with a ¼″ rise between sections



7251
$ .30

7251 PIER BASE PLATE · ⅛″ high · Light brown plastic · To be used in connection with 7250

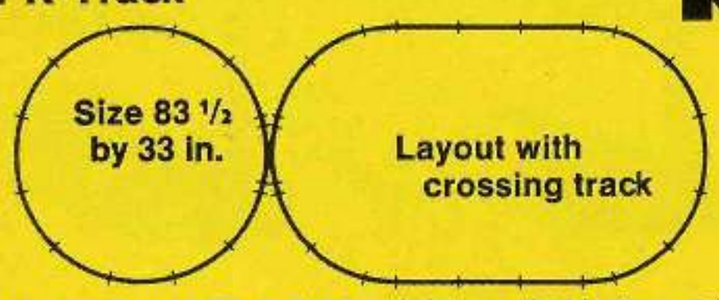


7250
$ .30

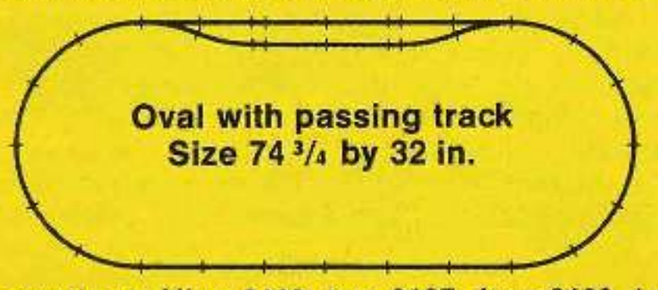
7250 PIER BASE PLATE · 3/16″ high · Light brown plastic · For use as foundation

Basic H0 scale Track Layouts for K-Track

K



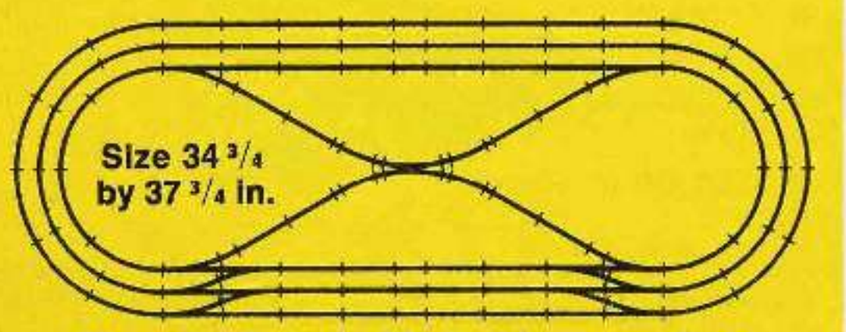
Track sections: Five 2100, eighteen 2121, four 2123, two 2131, four 2135, one 2190, one 2159 or 2160 crossing



Track sections: Nine 2100, two 2107, four 2108, twelve 2121, two 2132, one 2190, one pair of 2161 or 2164 turnouts



Track sections: Eleven 2100, two 2106, four 2107, twelve 2121, ten 2131, one 2190, two 2161 or 2164 turnouts, one pair of 2167 turnouts



Three track oval with double reverseloop

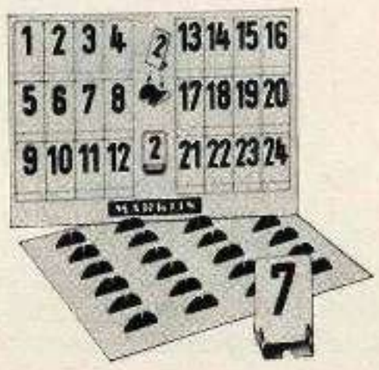
Track sections: Eleven 2100, six 2101, four 2104, twenty-two 2106, ten 2107, eight 2110, twelve 2121, twelve 2131, four 2133, four 2134, four 2135, one 2190, one 2159 or 2160 crossing, six pair of 2161 or 2164 turnouts



0201 SET OF FIGURES · Passengers and railroad personnel · Set of 10 · The figures are ⅞″ high

0201
$ 2.50

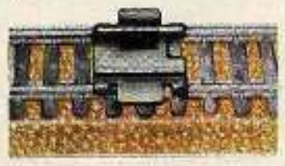
Fair Trade prices in US Dollars



7195
$ 1.00

7195 SET OF NUMBER PLATES · For marking the location of turnouts, signals, etc. · Contains 12 sloted metal bases and number cards, 1–24

7001
$ .25

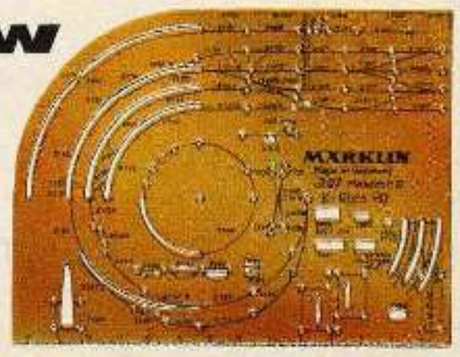


7001 COUPLER HEIGHT GAUGE · For checking the couplers on rolling stock · Nickel plated steel · Instructions included

Accessories K

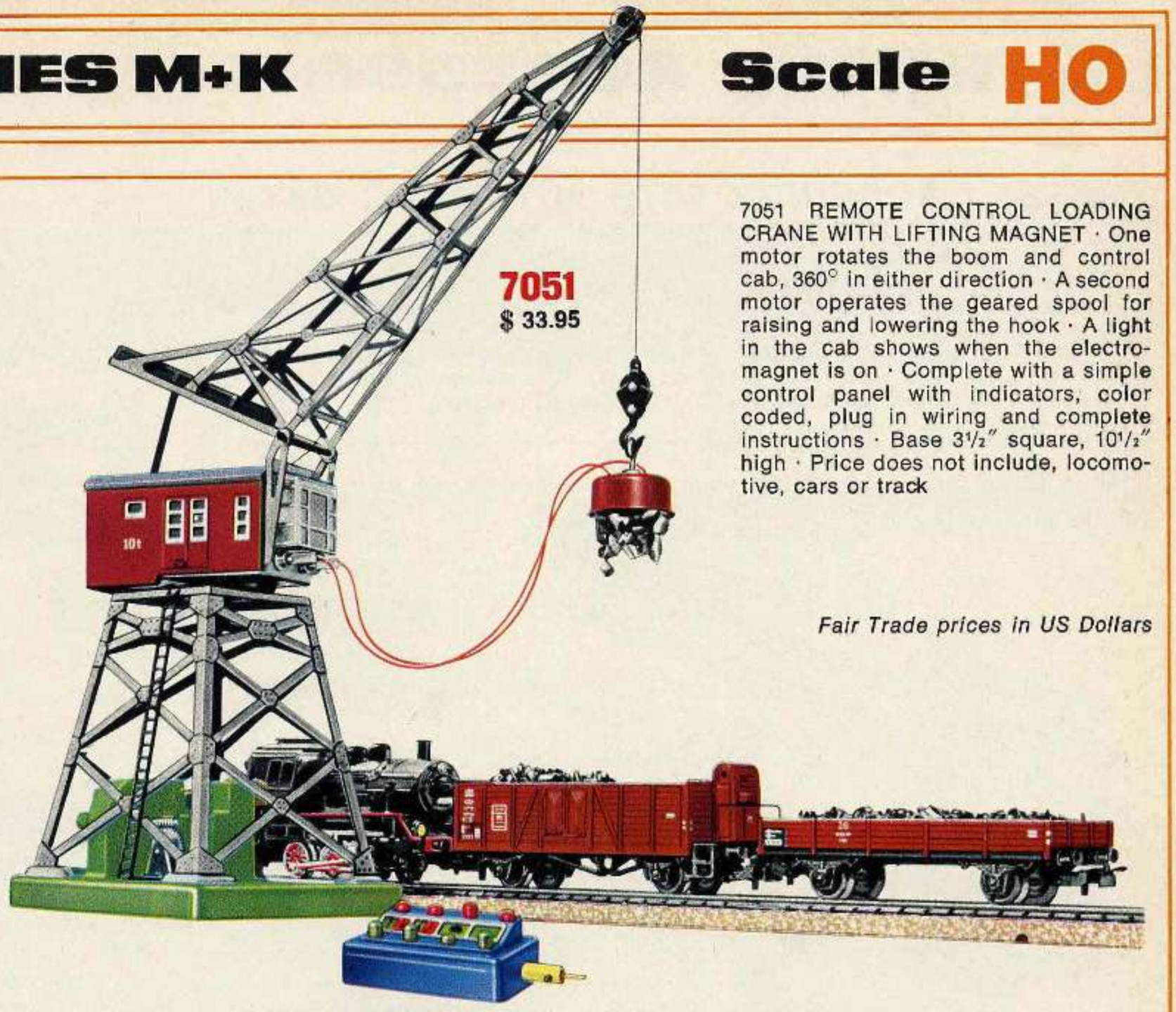
0207
$ 4.50

0207 TRACK PLANNING TEMPLATE · Transparent Plastic · An indespensible aid for designing track plans · 1 : 10 scale covers all track sections of the 2100 Series



REMOTE CONTROLLED LOADING CRANE

This two motored crane, which may be rotated continuously in either direction, has an adjustable boom. Fully extended it will reach approximately 4¾" beyond the base, for up to three paralell tracks on any side. Surprisingly heavy loads can be lifted with the hook. The removable electric magnet will pick up—and deposit—ferrous metal objects including the loads on container cars. This crane will add much interest to your layout and provide a most realistic loading operation. The push button controller provides precise remote control.



7051
$ 33.95

7051 REMOTE CONTROL LOADING CRANE WITH LIFTING MAGNET · One motor rotates the boom and control cab, 360° in either direction · A second motor operates the geared spool for raising and lowering the hook · A light in the cab shows when the electromagnet is on · Complete with a simple control panel with indicators, color coded, plug in wiring and complete instructions · Base 3½" square, 10½" high · Price does not include, locomotive, cars or track

Fair Trade prices in US Dollars

To connect K-track 2100 to the automatic turnable 7186 use straight adapter track 2191 (see page 47).

AUTOMATIC TURNTABLE

7186
$ 44.95



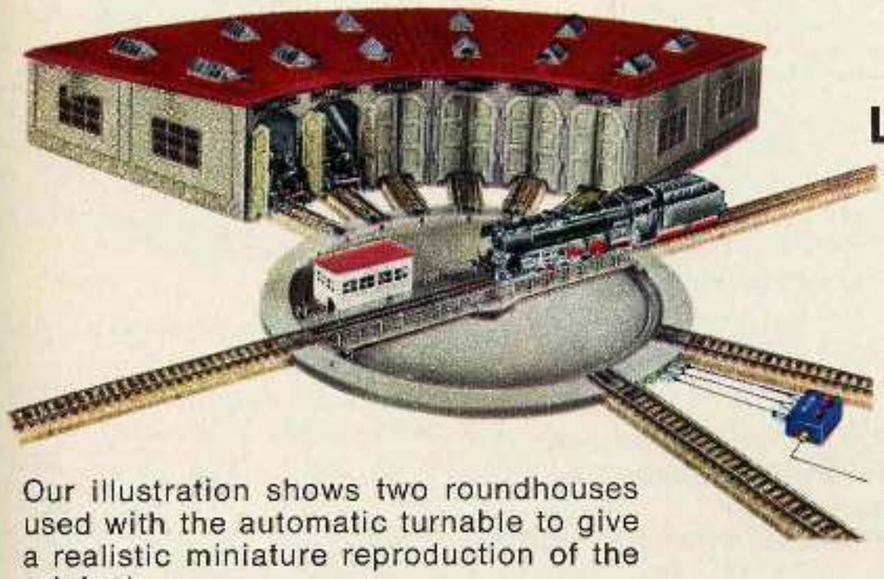
7186 REMOTE CONTROLLED TURNTABLE · 14 inch outside diameter · Table turns 360° in either direction and stops automatically at each track · Complete with control panel, connecting cables and illustrated instructions · Current is automatically shut off in all tracks not aligned with turnable track



7028
$ 24.95

LOCOMOTIVE ROUNDHOUSE

7028 ROUNDHOUSE for three tracks, with skylights, smoke jacks, realistically painted in three colors · Doors open and close automatically · (Track not included) · 18⅛" x 14⅝" x 5¼"



Our illustration shows two roundhouses used with the automatic turnable to give a realistic miniature reproduction of the original.

A turntable and roundhouse help to complete your model railroad. The turntable is used to turn locomotives so that they can be sent back out onto a new run. In addition the turntable serves to distribute the locomotives to the different stalls of the roundhouses. The turntable and roundhouse can also be used for diesel locomotives as well as steam locomotives as many areas are servicing both locomotives in the same facilities. All tracks not in contact with the turntable bridge have the current turned off, so no other switch is needed.

FOR MÄRKLIN H0 LOCOMOTIVE:

H0 Rubber Tires

Price for one item	For locomotives:
7152 $ .05	3048, 3094, 3097, 3098
7153 $ .05	3003, 3015, 3016, 3022, 3030, 3034, 3035, 3036, 3037, 3038, 3039, 3040, 3043, 3046, 3047, 3050, 3053, 3059, 3064, 3065, 3095, 3937
7154 $ .05	3000, 3021, 3029, 3031, 3044, 3051, 3060, 3061, 3066, 3067, 3068, 3070, 3072, 3073, 3075, 3076, 3078, 3080, 3921

Reverse Unit Spring

7194 $ .15 — Packed with 5 replacement springs

See the locomotive instructions for replacing pick up shoes, rubber tires and reverse spring.

For horn units for MÄRKLIN locomotives, see page 52

Current Pickup Shoes

Price for one item	For locomotives:
7164 $ .30	3034, 3035, 3036, 3037, 3038, 3039, 3040, 3043, 3050, 3051, 3053, 3059, 3066, 3067, 3068, 3070, 3072, 3075, 3076, 3937
7166 $ .30	3029, 3044, 3078, 3080, 4060, 4061
7173 $ .30	3000, 3003, 3030, 3031, 3095, 3097
7174 $ .30	3016, 3048
7175 $ .50	3015, 3046, 3047 (Price for two items)
7183 $ .40	3021, 3073, 3921
7185 $ .30	3022, 3060, 3061, 3064, 3065, 3094, 3098

Pantograph

7218
$ 1.25



7218 Doble Arm Pantograph · With mounting screw



Oil

7199 Oil bottle containing about 1 oz. of lubricating oil for locomotive and cars

7199
$ .35

0241
$ .35



Smoke Fluid

0241 Smoke Fluid in plastic capsule for locomotive 3046, 3047, 3048

Single Arm Pantograph



7219
$ 2.25

7219 Single Arm Pantograph · The catenary system must be set very carefully when using the 7219 pantograph · Use only the 7277 at crossings.

Motor Brushes



60030 $ .25 — Replacement brushes for most H0 locomotives

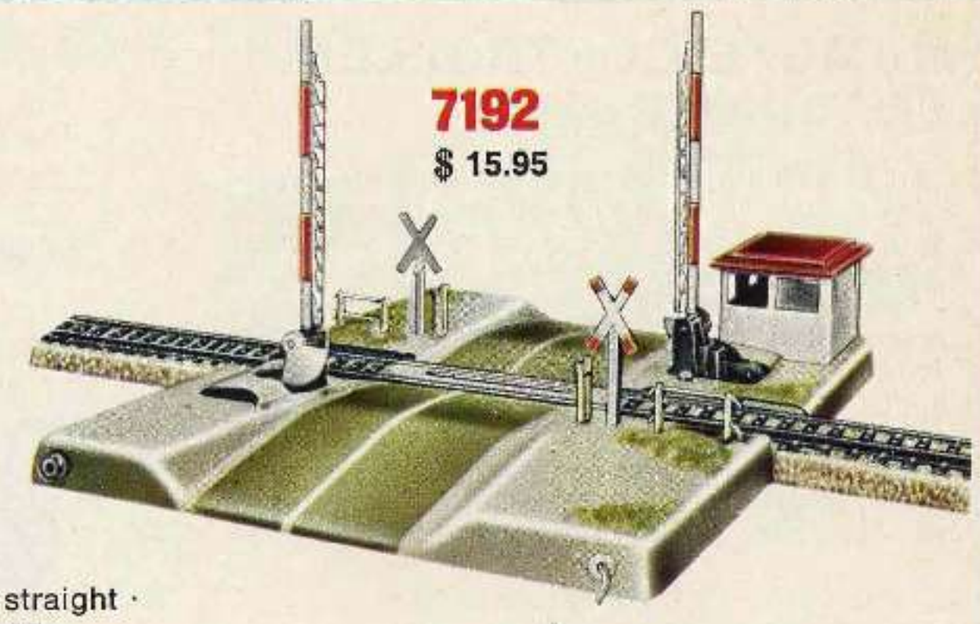
60035 $ .25 — Replacement brushes for 3015

60054 $ .25 — Brushes, contains two replacement graphite brushes for locomotives with permanent magnet (D.C.) motors

GRADE CROSSINGS WITH AUTOMATIC GATES

7192 ELECTRIC OPERATED GRADE CROSSING GATES with M-Track sections · The grade crossing has two automatic electric gates operated by the train · Crossing guards shed (designed to accept interior lighting) · Complete with instructions and two control tracks.
The crossing operates entirely automatic, the gates closing as soon as a train runs onto the track control section in front of the gates, and open again automatically when the train leaves the last section of control track after the crossing.

7192
$ 15.95



For multi-track operation the 7192 crossing gates can be used with the 7193 extension set. The automatic operation will still be retained.



The 7192 in use with the 7193

5115 **$ 1.00**



5115 straight · 7″ long

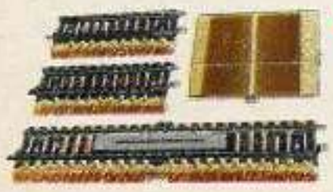
ACTUATING TRACK SECTIONS



5116 curved · 15″ radius

5116 **$ 1.00**

The track sections are for extending the control tracks sections of the 7192 grade crossing gates.

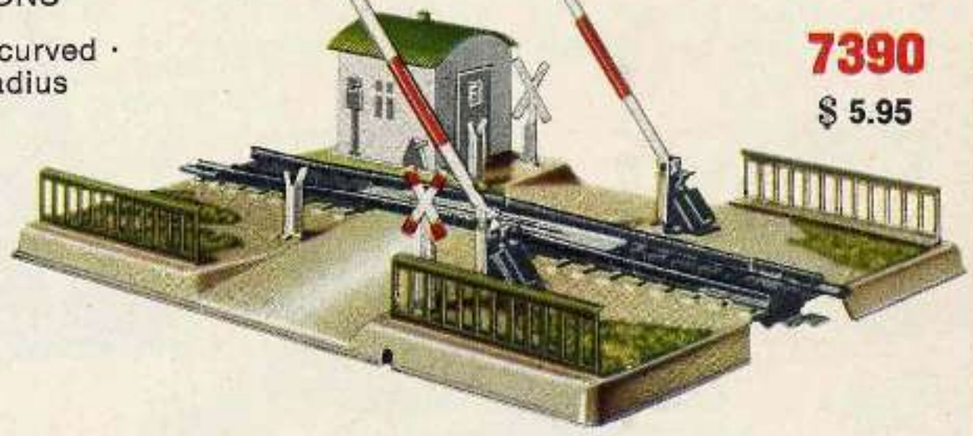


7193
$ 3.95

7193 EXTENSION SET for adding parallel tracks to the 7192 crossing gate · Contains two control track sections, the center crossing track and a rood extension piece to fit between the two tracks

To connect K-track 2100 to the grade crossing gate 7192 and 7390 use straight adapter track 2191 (see page 47).

7390
$ 5.95



7390 MECHANICALLY OPERATED GRADE CROSSING GATES for single track lines · With 7″ straight M-Track section · The gates are closed by floating bars pressed down by the wheels of the passing train · Crossing guards shed and railings · Size of base: 4¾″ by 7″

ACCESSORIES FOR REMOTE CONTROL OPERATION

7072



$ 2.00

7072 CONTROL PANEL with eight sockets for plugging in at least four impulse operated electric accessories (i.e. turnouts, signals, etc.) · The arrangement of the push buttons will indicate the position of the accessory · 3¼″ long · 1¾″ wide

7210



$ 2.50

7210 SWITCH PANEL for turning on and off the train and lighting circuits · The four indicator push buttons are connected to a common circuit · 3¼″ long · 1¾″ wide



Circuit diagram for 7210 (Switch No. 3 closed)

7211



$ 2.50

7211 SWITCH PANEL for turning on and off the train and lighting circuits · The four indicator push buttons are insulated from each other · 3¼″ long · 1¾″ wide



Circuit diagram for 7211 (Switch No. 3 closed)

7209



$ .35

7209 DISTRIBUTION PANEL · To hold eleven plugs · 2″ by ¾″

7229



$ .50

7229 DISTRIBUTOR PANEL · With five wire clamps connected in series · 1½″ long · ⅜″ wide

7228



$ .75

7228 DISTRIBUTOR PANEL · With five wire clamps insulated from each other · 1½″ long · ⅜″ wide

ELECTRONIC WARNING HORN

HORN EQUIPMENT FOR MÄRKLIN LOCOMOTIVES

The series of MÄRKLIN Locomotives listed under 7213 have provision for installing the warning horn. One or several may be sounded by pressing the button of the 7215 Horn Sounding Unit, placed between the feeder track and the transformer. It supplies special power to operate the horn, but not the motor, of the locomotive when they are standing still on the track, transformer speed control knob off ('0').
The Horn Running control 7216 is added between the Horn Sounder and the feeder track to make the horn sound on running locomotives.
Finally, to sound the horn of a locomotive standing on a 'dead' track at a signal or insulated track section, the 7217 Horn Signal Control is added to bridge the electrical insulation point.
The tone of the 7213 Horn is the high pitched sound as found on European Locomotives.
A moving train can sound its horn automatically by using contact tracks and the 7045 Universal Remote Switch, or 7245 (see pages 45 and 49). For contact tracks see pages 41 and 47.

7213
$ 3.50



7213 WARNING HORN COMPLETE · Ready to install in MÄRKLIN locomotives 3022, 3034, 3035, 3036, 3037, 3038, 3039, 3040, 3043, 3050, 3051, 3053, 3059, 3060, 3061, 3066, 3067, 3068, 3070, 3073, 3075 and some models of 3021 · No soldering is required · In certain models of 3021 one lead must be soldered · Complete with illustrated installation instructions



7216 **$ 4.50**

7216 HORN RUNNING CONTROL · For use in conjunction with the Horn Sounder 7215, to sound the horn when a locomotive is stopped or running · One red connecting cable with plug · 2″ x 1¼″ x 1″



7215
$ 15.95

7215 HORN SOUNDING UNIT · For sounding the locomotive horn · Three connecting cables, red, brown and yellow, with plugs · 3″ x 2⅛″ x 1″

7217
$ 4.00



7217 HORN SIGNAL CONTROL · For use with the Horn Sounder when ever a locomotive is stopped by a home signal in the "dead" section of track · Two connecting cables · 2″ x 1¼″ x ⅜″

Complete operating instructions are supplied with the horn sounder.

THE MAGAZINE FOR ALL MODEL RAILROADERS ARTICLES ON PROTOTYPE AND MODEL RAILROADS

The MÄRKLIN-magazine is full of interesting reports of developements of the MÄRKLIN products, model railroad ideas and reports of real railroads.
The magazine is topical, up to date, and provides much worthwhile information for all railway enthusiasts. Modeling tips, track plans, equipment plans, plus many interesting photos. MÄRKLIN-magazine is available only in the German language.
The magazine is published four times a year and costs $ .90 per copy.

Available at your MÄRKLIN dealer or direct from:

Modellbahnen-Welt
Verlags-GmbH,
732 Göppingen, Postfach 940

Mm



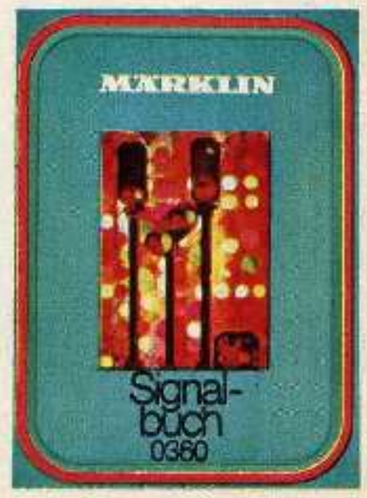
0380
$ 2.75



0380 HANDBOOK, "MÄRKLIN H0 RAILWAYS AND THEIR PROTOTYPE" · A complete handbook for the Märklin fan · Cover operation of Märklin cars and locomotives, construction of layouts, information on actual railroad practice, function of signals and automatic operation of trains plus many other subjects · 228 pages · 9½″ by 6¼″ · German text

0361 MÄRKLIN SIGNAL MANUAL · A complete illustrated guide explaining the operation and advantages of our **7200** Series Signals · 48 pages · 7″ by 9½″

0361
$ 1.50



0321
$ .35



0321 MÄRKLIN H0 TRACK PLANS FOR M-TRACK 5100 AND 5200 · Contains 16 beginners track plans · 24 pages · 8¼″ by 6″



0379
$ .50

0379 MÄRKLIN H0 TRACK PLANS FOR K-TRACK 2100 · A comprehensive guide for building layouts · 20 pages · 8¼″ by 6″



0351 **$ 2.75** 0351 ADVANCED MÄRKLIN H0 TRACK PLANS FOR M-TRACK 5100 AND 5200 · Contains 20 different track plans with full descriptions and suggestions for adding scenery · Full color illustrations of 13 of the track plans completed as model railroads · A special section shows hundreds of combinations of turnouts, crossings and other sections · An indispensable aid · 86 pages · 8¼″ by 11¾″



0341 **$ 1.25**

0341 MÄRKLIN SIGNAL MANUAL · A complete illustrated guide for using the **7000** Series of signals · Printed in six colors, giving information about automatic train control and many other features, including the universal remote switch · 44 pages · 8¼″ by 6″

MÄRKLIN BOOKS

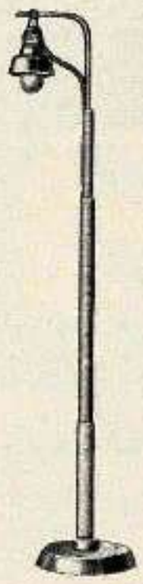
Available at your MÄRKLIN dealer

ACCESSORIES FOR LIGHTING



7046
$ 2.50

7046 TOWER MAST YARD LIGHT · For use with Catenary system · 8¼″ high · Base 1″ x 1¼″ · With bulb, cables and plugs



7048
$ 2.00

7048 STREET LIGHT · 6¼″ high · Base 1¼″ diameter · With bulb, cables and plugs



7047
$ 1.75

7047 STATION PLATFORM LIGHT · For use at stations, on streets etc. · 5″ high · Base 1¼″ diameter · With bulb, cables and plugs

7073 INTERIOR LIGHT FOR BUILDINGS · With bulb, cables and plugs

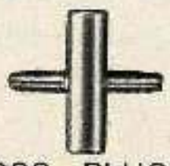


7073
$ .65



7141
$ .15

7141 INTERMEDIATE DOUBLE PLUG · For connecting two sockets · Metal



7140
$ .20

7140 CROSS PLUG · For connecting two plugs and two sockets



7000
$ .65

7000 STAPLES FOR WIRES · Bag of 50 for mounting cables to wooden base

7220 **$ .15**



New

7220 PICK UP SHOE · For use when operating railbus trailers 4018 or cars, which have the interior lighting 7074 or the current pick up shoe 7075, on layouts which have the curved turnouts 2167 · 1″ long

Wire

This is a special, highly flexible stranded copper wire for connecting all MÄRKLIN trains and accessoires. A heavy duty wire able to withstand great loads, including short circuits without damage. For use with transformers up to 50 VA.

7080	EXTENSION CABLE · With 1 plug and 1 socket · Grey · 39″ long	$ .35
7090	EXTENSION CABLE · With 1 plug and 1 socket · Grey · 78″ long	$ .40
7100	WIRE · Single strand · 33′ long · Grey	$ .65
7101	WIRE · Single strand · 33′ long · Blue	$ .65
7102	WIRE · Single strand · 33′ long · Brown	$ .65
7103	WIRE · Single strand · 33′ long · Yellow	$ .65
7105	WIRE · Single strand · 33′ long · Red	$ .65

SOCKETS $ .10

7111	= brown	7121	= brown
7112	= yellow	7122	= yellow
7113	= green	7123	= green
7114	= orange	7124	= orange
7115	= red	7125	= red
7117	= grey	7127	= grey

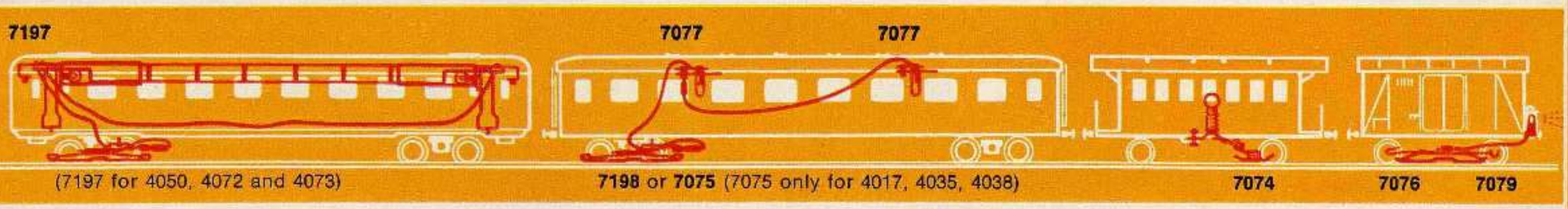
PLUGS $ .10

PLUGS WITH SIDE SOCKETS $ .15

7131	= brown	7134	= orange
7132	= yellow	7135	= red
7133	= green	7137	= grey

INTERIOR LIGHTING

Fair Trade prices in US Dollars



7074
$ 1.00

7074 INTERIOR LIGHTING for passenger cars 4002, 4003, 4004, 4005, 4079, 4080 · With socket for additional lighting



7075
$ .75

7075 CURRENT PICKUP SHOE for use with 7077 lighting in coaches 4017, 4035 and 4038



7076
$ .50

7076 CURRENT PICKUP SHOE for the 7079 taillights · Use with passenger cars 4000 and 4040 and some four wheel freight cars

It's easy to wire using the MÄRKLIN color coded system:

Red = For running trains. From transformer to center track studs or overhead catenary contact wires

Yellow = Lighting and electrically operated accessories

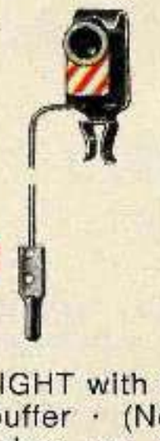
Brown = Ground wire return from track, accessories and control panels

Blue = Blue ground wire from magnetically operated accessories (turnouts, signals, etc.) to control panels or contact tracks



7077
$ .65

7077 INTERIOR LIGHTING for all 8 wheel passenger cars, not otherwise listed · Socket for connecting additional lighting · Bulb included



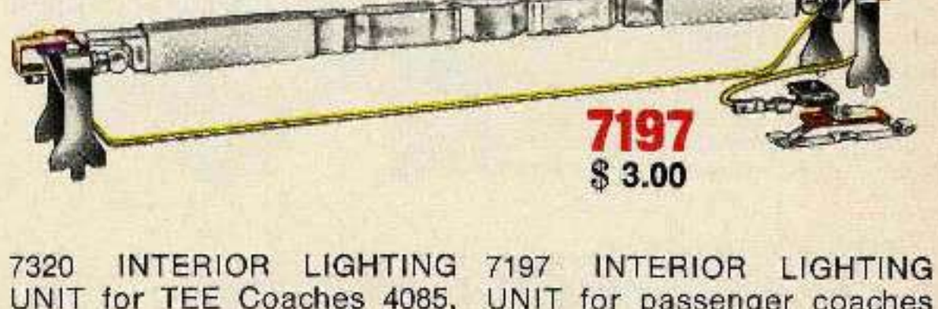
7079
$ 1.00

7079 TAIL LIGHT with bulb · Clips onto buffer · (Not for express coaches on pages 28, 30 and 31, nor on cars with plastic buffers) · Connect with 7074, 7076, 7077 or 7198



7198
$ .60

7198 CURRENT PICKUP SHOE for use with the 7077 lighting unit · Do not use on coaches 4017, 4035, 4038

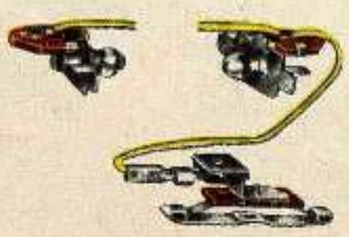


7197
$ 3.00

7197 INTERIOR LIGHTING UNIT for passenger coaches 4050, 4072 and 4073 · Contains 7198 current pickup shoe, lucite lighting bar, and two light sockets with bulbs · Provides full length, difused lighting as on the prototype · Instructions included

7322 INTERIOR LIGHTING UNIT for TEE Dome Car 4090 · Contains 7198 current pickup shoe, two light sockets with bulbs · Illustrated instructions included

7322
$ 2.00





7320
$ 3.00

7320 INTERIOR LIGHTING UNIT for TEE Coaches 4085, 4086, 4087, 4088 and express coaches 4047, 4048, 4049, 4064, 4065, 4066, 4069, 4075 and 4078 · Contains 7198 current pickup shoe, lucite lighting bar, and two light sockets with bulbs · Illustrated instructions included

MÄRKLIN TRANSFORMERS ARE SAFE AND RELIABLE

The sheet steel case and heavy insulation of the MÄRKLIN transformers, tested at several thousand volts, make them absolutely safe. A built in circuit breaker turns off the transformer automatically should there be a short circuit in the layout. The transformer plugs into the house circuit with a heavy duty, UL approved line cord.
The speed of the locomotive increases as you turn the control knob to the right, decreases as you turn it to the left. The same control knob reverses the locomotive. Rotate the knob left, past "0" momentarily, thus activating the 24 volt reversing circuit. The locomotive is automatically reversed. The locomotives can be operated at a slower speed with the 30 VA 6100 Series Transformer, than with the 16 VA 6500 Series.
We guarantee perfect operation of our trains, only when original MÄRKLIN transformers are used.

MÄRKLIN Transformers of the 6100 and 6500 Series have plug in connections for operating trains and accessories.

Fair Trade prices in US Dollars

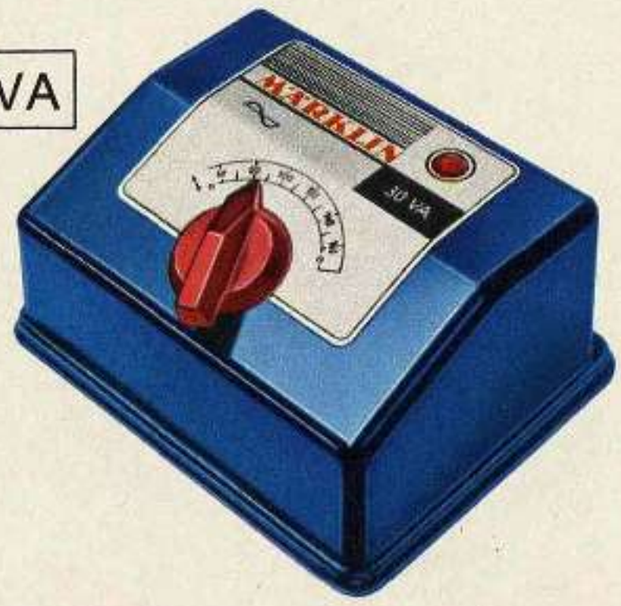
16 VA



TRANSFORMER · Output 16 VA · Weight 3 lbs. · Size 4¾″ x 3¾″ x 3″

6507 – 115 Volt **$ 14.95**

30 VA



TRANSFORMER · Output 30 VA · Red pilot light · Weight 4½ lbs. · Size 6⅛″ x 5⅛″ x 3″

6153 = 110 Volt **$ 21.95**

MÄRKLIN

THE POWER REQUIRED BY LOCOMOTIVES AND ACCESSORIES HAS BEEN CALCULATED AS FOLLOWS:

With maximum load, 3000 loco takes 9 VA, 3021 loco takes 12 VA and the 3048 loco about 15 VA. The power left over can be used for accessories with each lamp using approximately 1 VA.

The transformers that are supplied with the starter sets on page 2, have the same general specifications as these transformators. The only difference is their smaller capacity.

TO BE CONNECTED TO A.C. MAINS ONLY





"0" SCALE NARROW GAUGE RAILWAY– OPERATES ON H0 GAUGE TRACK–

SCALE 1:45

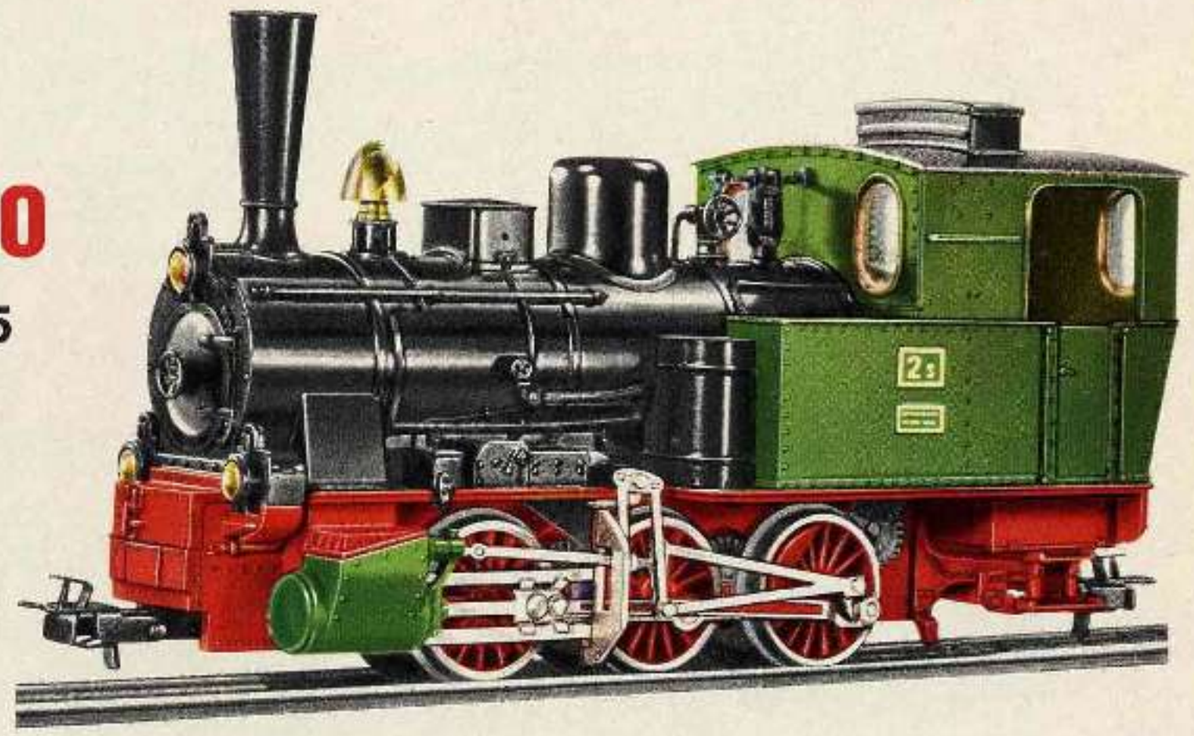
New

STEAM LOCOMOTIVE

3400 STEAM LOCOMOTIVE · Model of a narrow gauge locomotive of the Württemberg Railway Co (WEG) · 0-6-0 wheel arrangement · All wheels driven · Remote control reversing · Exact replica of Allan valve gear · Two rubber tires on rear drivers to increase pulling power · Three working headlights on the front · Outstandingly detailed plastic body with many extras, black boiler and green cab · Plastic windows inset in frames · Die cast metal frame · Delayed action automatic couplers (RELEX) at each end · 5½″ long

3400

$ 33.95



Fair Trade prices in US Dollars

DIESEL LOCOMOTIVE

New

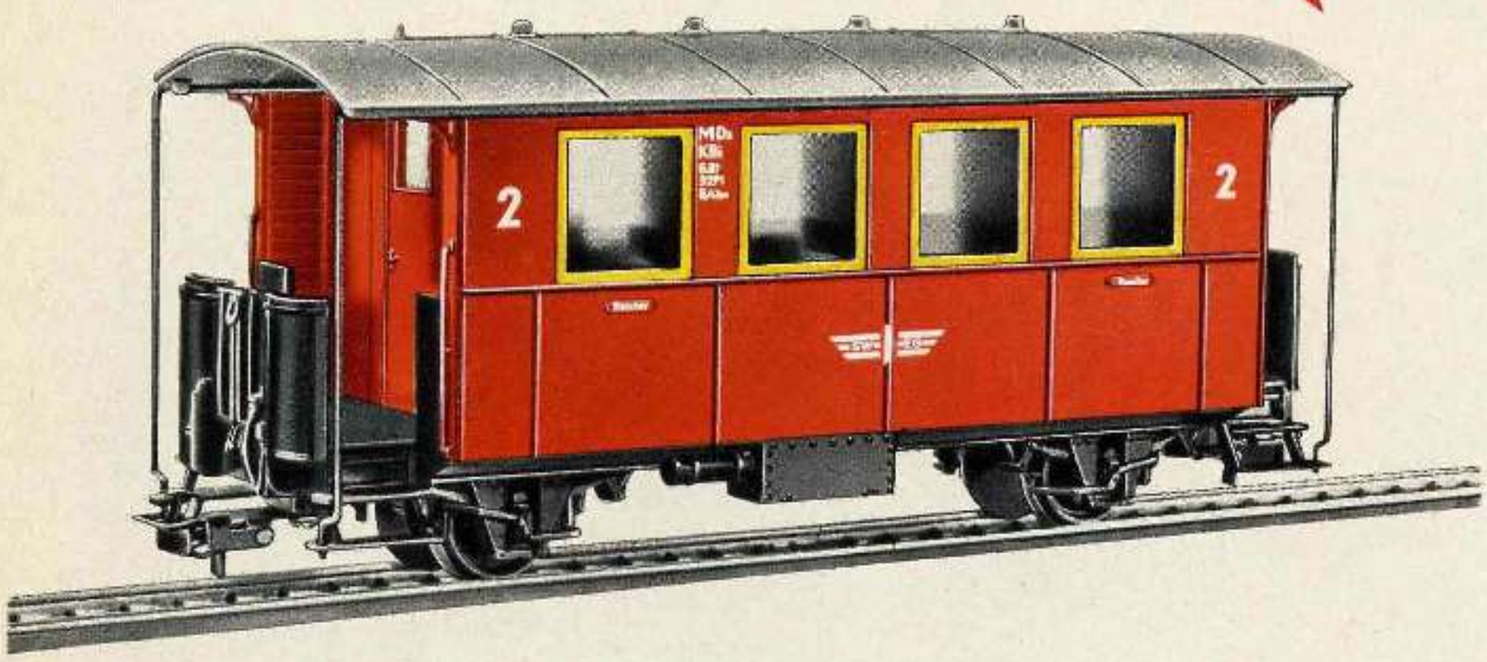
3420 DIESEL LOCOMOTIVE · Model of a narrow gauge locomotive of the Southwest German Railway Co (SWEG) · 0-6-0 wheel arrangement with rear driver powered · Two rubber tires to increase pulling power · Remote control reversing · Three working headlights on the front · Orange plastic body with stripes · Silver colored roof · Grey die cast metal frame · Windows have frosted glass · Delayed automatic couplers (RELEX) at each end · 4¾″ long

3420

$ 25.95



"0" SCALE NARROW GAUGE RAILWAY— SCALE 1:45
OPERATES ON H0 GAUGE TRACK—



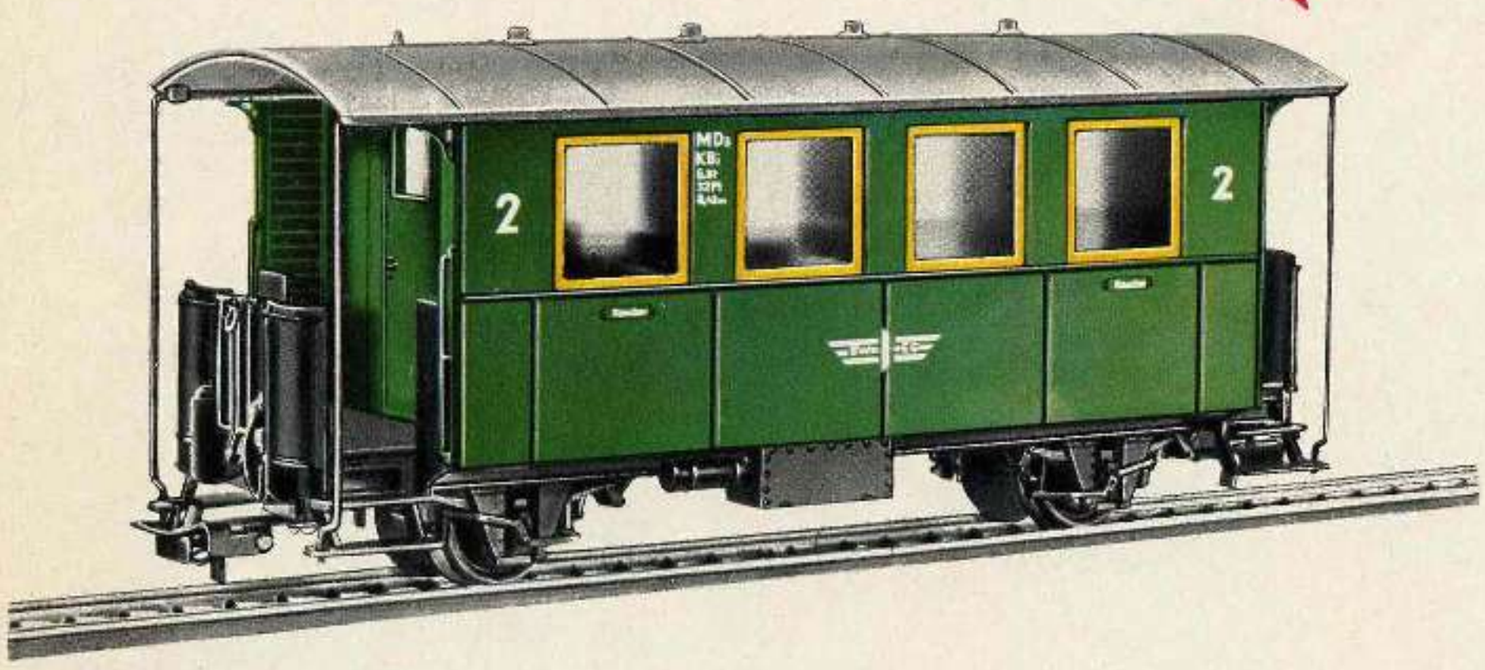
New

PASSENGER CAR
4400
$ 9.95

4400 PASSENGER COACH · Second class · 4 wheeled · Red plastic body · Platform and opening doors on each end · Complete interiors · Plastic windows inset in frames · Light grey roof, weathered at the edges · Lenght: 6½″

New

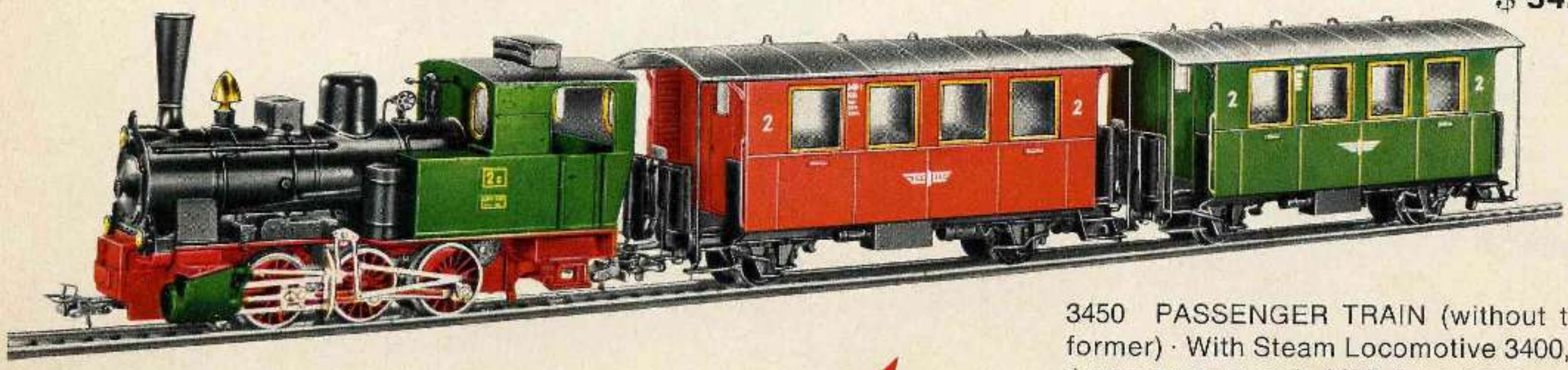
PASSENGER CAR
4401
$ 9.95



4401 PASSENGER COACH · Second class · 4 wheeled · Dark green plastic body · Platform and opening doors on each end · Complete interiors · Plastic windows inset in frames · Light grey roof, weathered at the edges · Length: 6½″

Fair Trade prices in US Dollars

TRAIN SET (WITHOUT TRANSFORMER)
PASSENGER TRAIN
3450
$ 54.95



New

3450 PASSENGER TRAIN (without transformer) · With Steam Locomotive 3400, 1 passenger coach 4400, 1 passenger coach 4401, 1 straight track 5106, 1 straight feeder track 5111 and 12 curve track 5200 · Train measures 20″ long

Minex

FREIGHT CAR

4450

$ 5.00

New



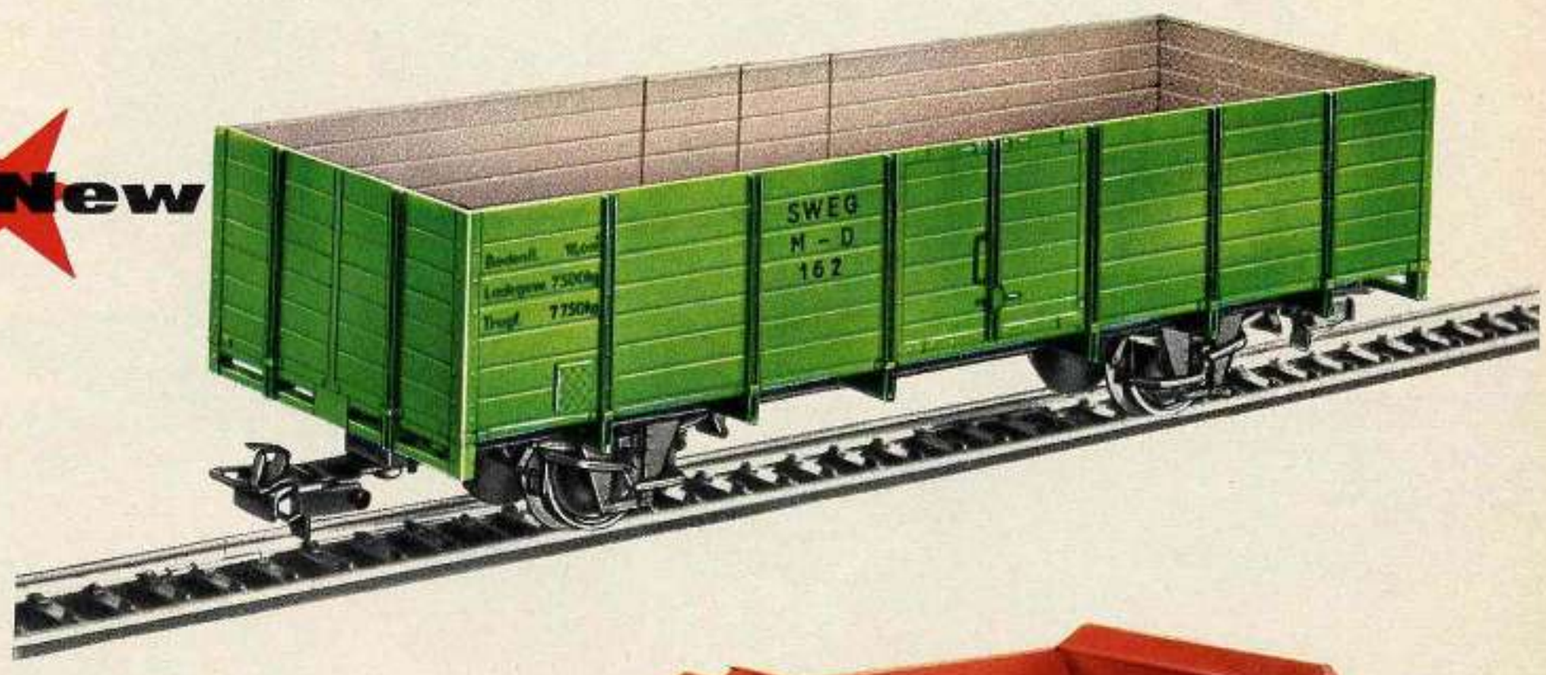
4450 OPEN GONDOLA CAR · 4 wheeled · Body brown · Black underframe · Length: 6¼″

FREIGHT CAR

4451

$ 5.00

New



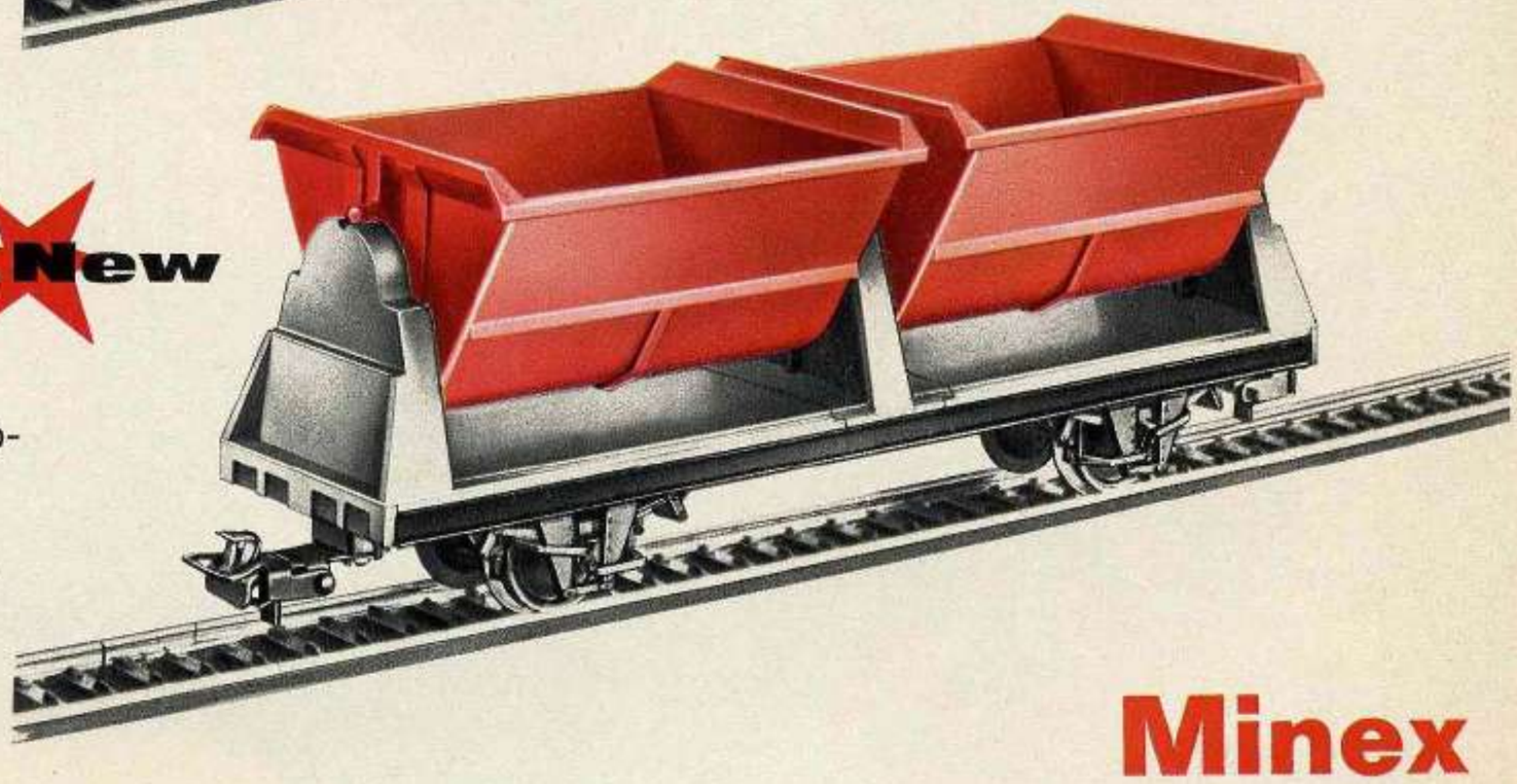
4451 OPEN GONDOLA CAR · 4 wheeled · Body green · Black underframe · Length: 6¼″

DUMP CAR

4459

$ 5.00

New



4459 DUMP CAR · 4 wheeled · Two dumping hoppers that can be independently tipped to either side · Hoppers lock in upright position · Hoppers red with yellow supports · Black underframe · Length: 6¼″

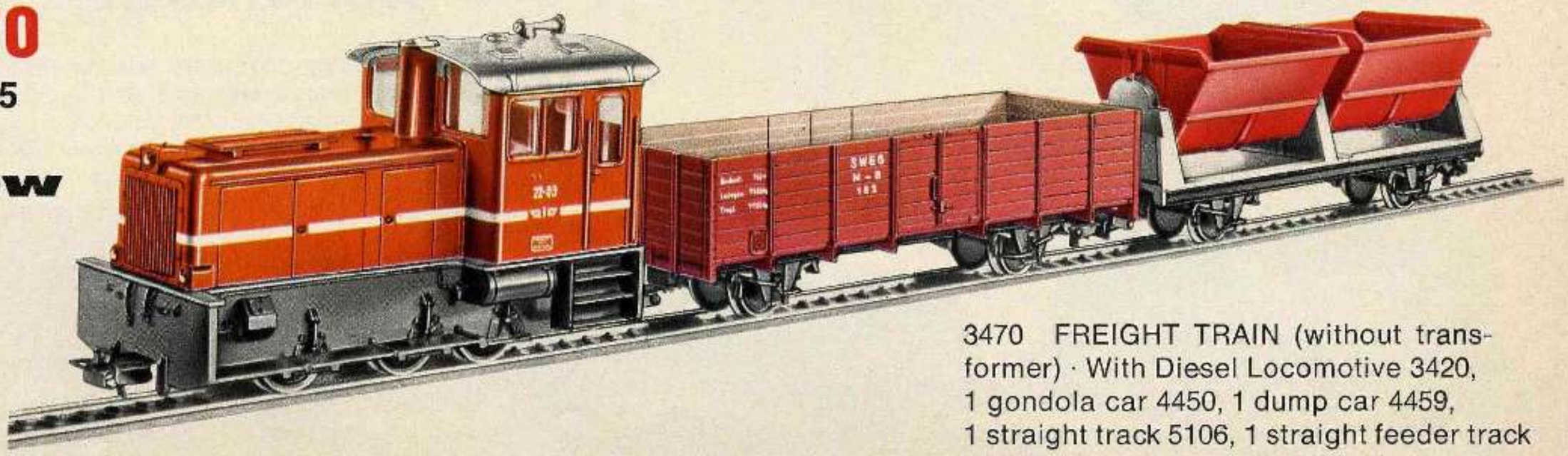
Minex

TRAIN SET (WITHOUT TRANSFORMER)
FREIGHT TRAIN

3470

$ 39.95

New



3470 FREIGHT TRAIN (without transformer) · With Diesel Locomotive 3420, 1 gondola car 4450, 1 dump car 4459, 1 straight track 5106, 1 straight feeder track 5111 and 12 curve track 5200 · Train measures 18¾″ long

Fair Trade prices in US Dollars

MÄRKLIN

TWO RAIL-AC

NO. I GAUGE LOCOMOTIVES

NO. I GAUGE 5700

$ 49.95



TANK LOCOMOTIVE

5700 TANK LOCOMOTIVE · A model of the German Federal Railways Class 80 · 0-6-0 wheel arrangement · 2 special adhesion tyres · Automatic control for forward and reverse operation · Exact reproduction of the Heusinger drive rod system · High reduction gears · Three working headlights on each end · Dull black plastic body · Cab doors open and close · Windows have inset plastic frames · Fully detailed die cast metal frame · Automatic couplers and working sprung buffers on both ends · Length: 12″

DIESEL LOCOMOTIVE



5720

$ 39.95

5720 DIESEL LOCOMOTIVE · A model of an industrial locomotive · 0-6-0 wheel arrangement · 2 special adhesion tyres · Automatic control for forward and reverse operation · High reduction gears · Three working headlights on each end · Red plastic body with two lengthwise yellow stripes · Cab doors open and close · Windows have inset plastic frames · Fully detailed die cast metal frame · Automatic couplers and working sprung buffers on both ends · Length: 12″

60041 $ .30

MOTOR BRUSHES for No. I Gauge Locomotives

TRAIN SET NO. I GAUGE

5500

$ 89.95

5500 FREIGHT TRAIN (without transformer) · With Tank Locomotive 5700, 1 open gondola car 5850, 1 dump car 5859, 2 straight track 5900, 12 curve track 5921 and 1 current feeder connector 5601 · Length of train: 40″

Train Set Gift Box 5500



NO. I Gauge

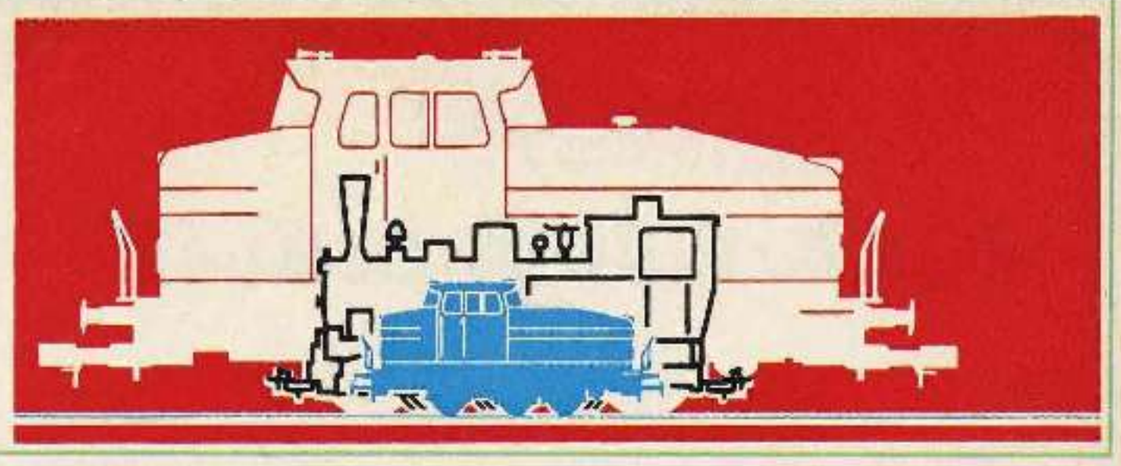
TRAINS

Relationship of sizes:

NO. I Gauge

Minex

H0 Scale



NO. I GAUGE

Over thirty years have passed since we last offered large size trains in the No. I Gauge, but apparently the memory of this fine large scale line has lasted over the years. We have been receiving increasing numbers of requests for No. I gauge trains and we have decided to bring out in 1969 an exciting series of No. I Gauge Trains. These have been designed with all the modern designs and engineering that we have developed through the years. This provides you with a train that has all the details and working features of the real trains, including sprung buffers and working doors on the locomotives.

No. I Gauge trains are built to 1 : 32 scale, 3/8″ equals 1′. It does require more room than our H0 trains, a minimum track circle being 48″ in diameter. This is ideal either for a basemeter or spare room layout, or for the maximum enjoyment build your layout in the yard or the patio. Our track is designed to be left outdoors with no harm from sun or moisture. Imagine the fun of actually using real plants and terrain for building your miniature railroad while following natural grades and obstacles in your yard. Though No. I Gauge trains used to be priced quite high, we have been able, by using our new modern methods of manufacture, to bring the price of these trains within the reach of the average family. Check with your dealer soon and see for yourself the many advantages of MÄRKLIN No. I Gauge.



TRAIN SETS NO. I GAUGE

Fair Trade prices in US Dollars

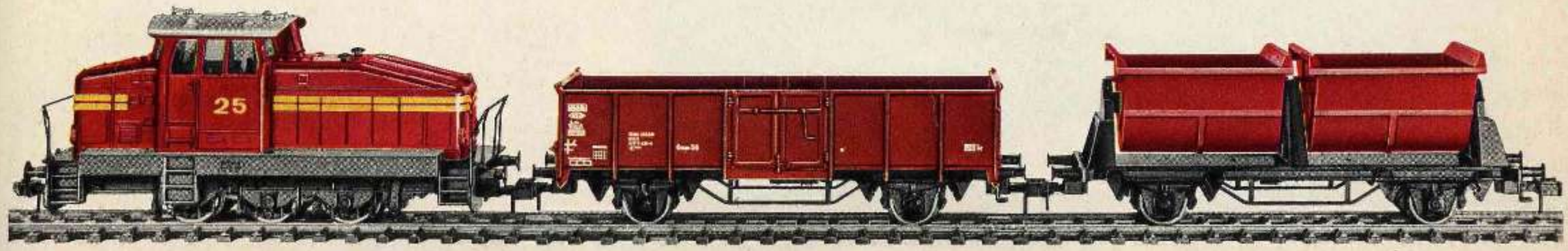
Use the MÄRKLIN 6153 transformer to operate your No. I Gauge Railroad.

5520
$ 79.95

5520 FREIGHT TRAIN (without transformer) · With diesel locomotive 5720, 1 gondola car 5850, 1 dump car 5859, 2 straight track 5900, 12 curved track 5921 and 1 current feeder connector 5601 · Length of train: 40″

5521
$ 49.95

5521 FREIGHT TRAIN (without transformer) · With diesel locomotive, 1 dump car 5859, 12 curve tracks 5941 and 1 current feeder connector 5601 · Length of train: 26″



Train Set Gift Box 5520

NO. I Gauge

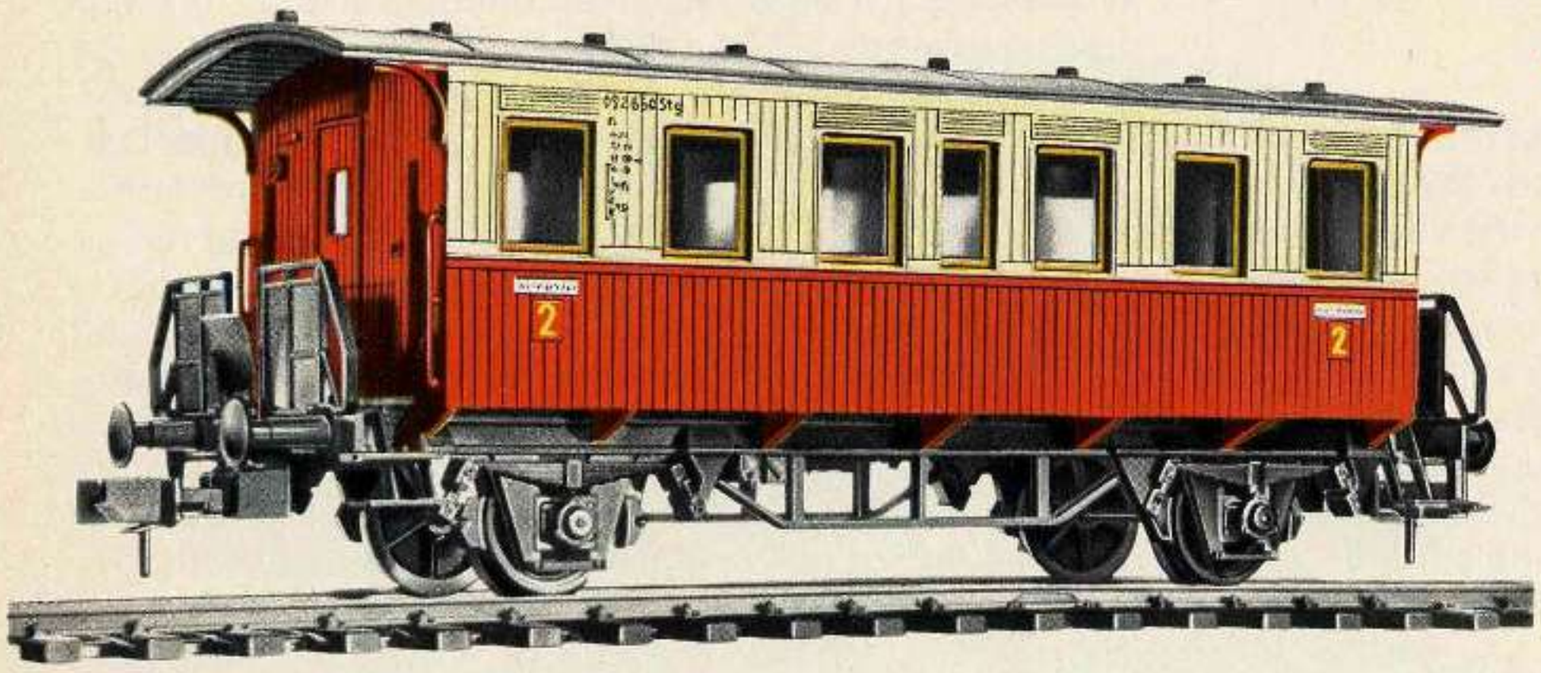
MÄRKLIN

NO. I GAUGE

TWO RAIL-AC

CARS

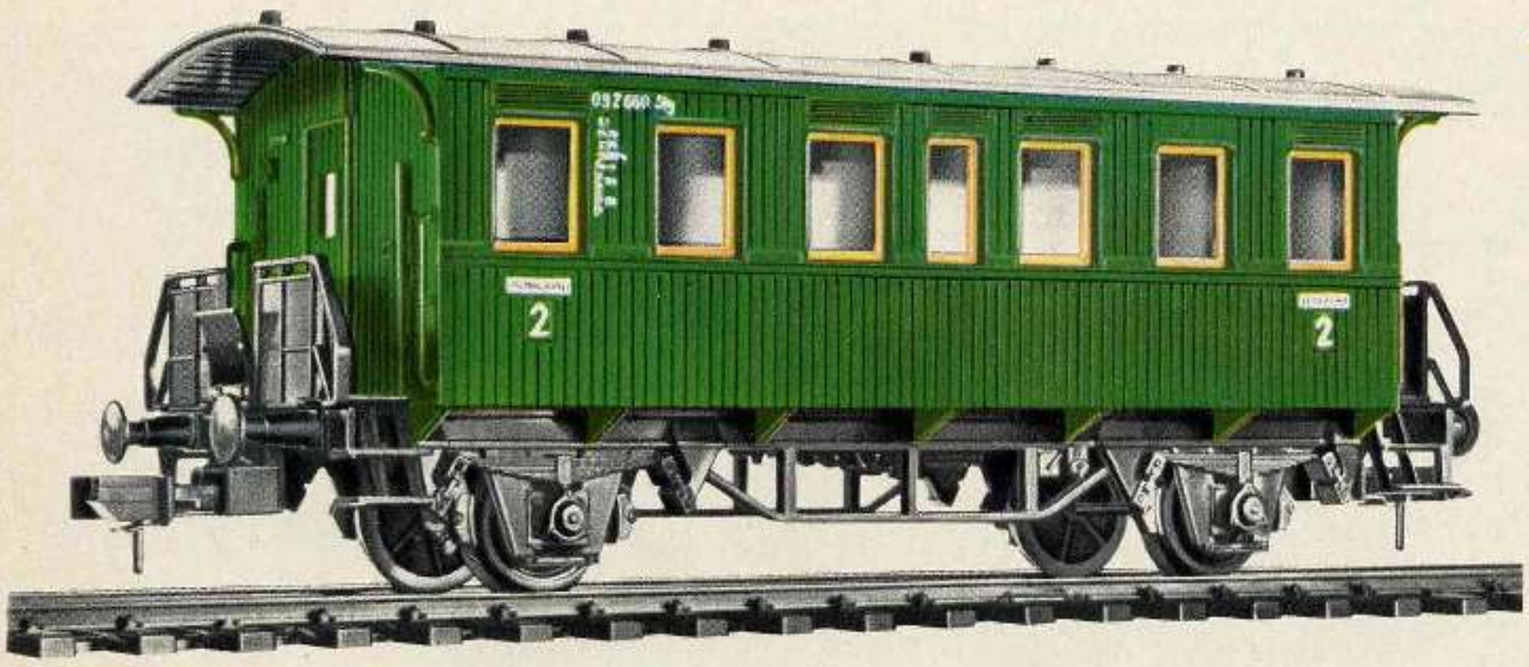
PASSENGER CARS WITH INTERIORS



New

5800 $ 15.95

5800 PASSENGER COACH · 4 wheeled · Modeled after a private railway coach · With platforms and working doors on each end · Coach body in beige and red · Grey roof with dark weathering · Simulated roof ventilators · Plastic windows inset in frames · Interior fittings include simulated wooden benches · Length: 12¼″

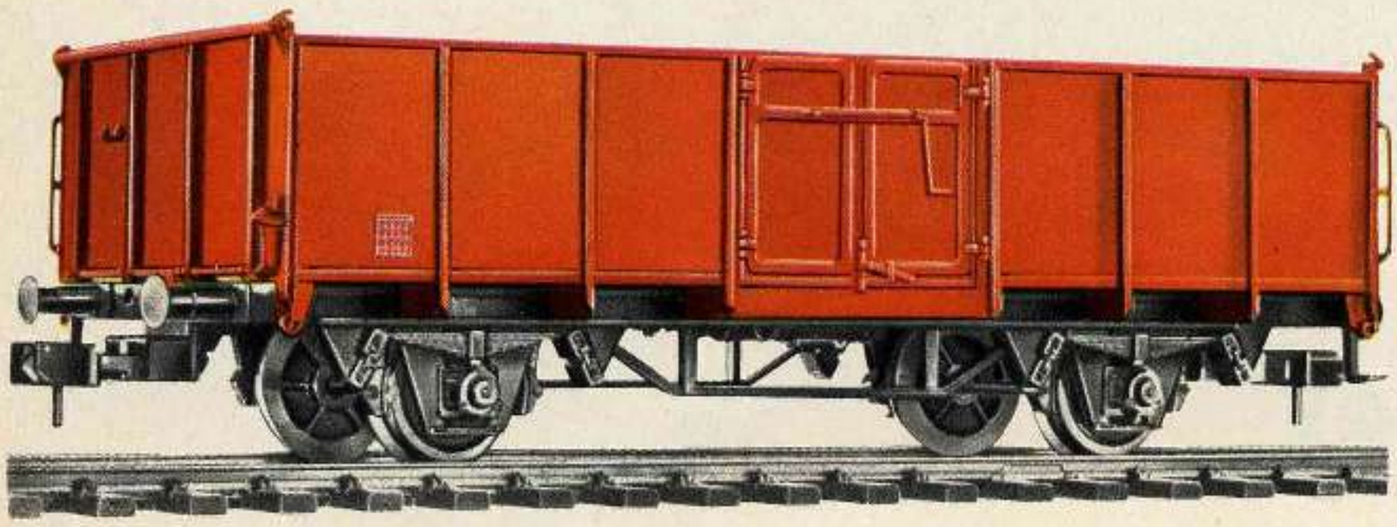


New

5801 $ 15.95

5801 PASSENGER COACH · 4 wheeled · Modeled after a coach from the Königlich Württemberg Railway · With platforms and working doors on each end · Coach body dark green · Grey roof with dark weathering · Simulated roof ventilators · Plastic windows inset in frames · Interior fittings include simulated wooden benches · Length: 12¼″

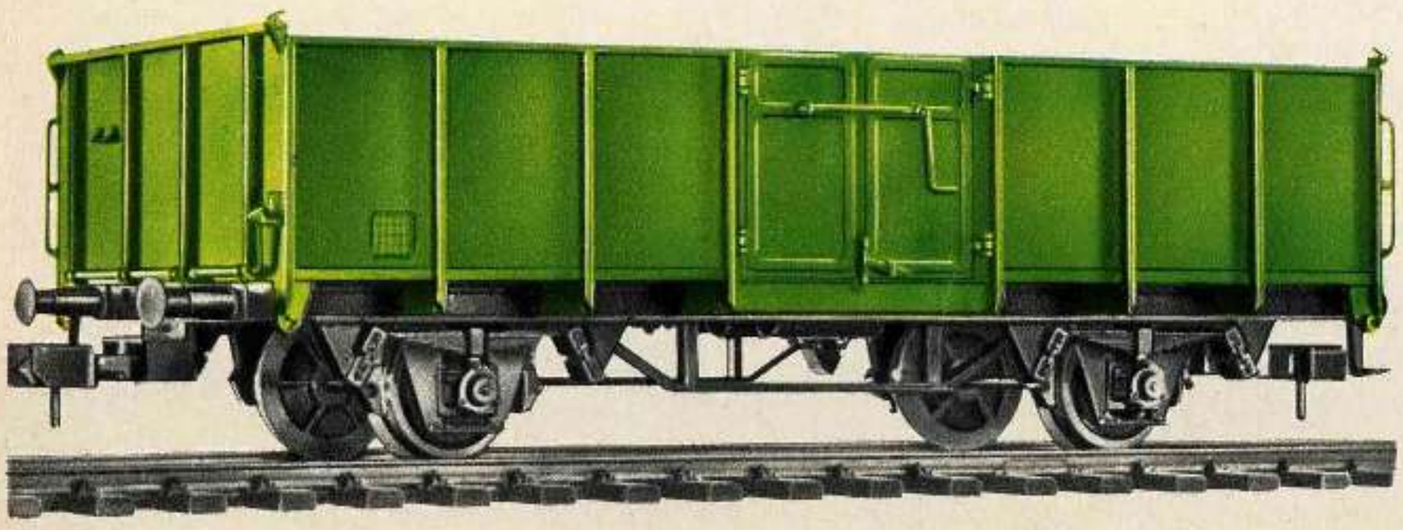
FREIGHT CARS



New

5855 $ 9.95

5855 OPEN GONDOLA · 4 wheeled · Car body orange · Black underframe · Length: 12¼″



New

5856 $ 9.95

5856 OPEN GONDOLA · 4 wheeled · Car body dark green · Black underframe · Length: 12¼″

MÄRKLIN

CARS NO. I GAUGE

FREIGHT CARS

5850 $ 8.95



5850 OPEN GONDOLA CAR · 4 wheeled · Model of the German Federal Railways Type Omm 55 · Brown car body · True to prototype lettering · Black frame · Length: 12″

5859 DUMP CAR · 4 wheeled · 2 hoppers dump to either side, independant of each other · Latch holds hoppers in center position · Hoppers red · Underframe black · Length: 12″

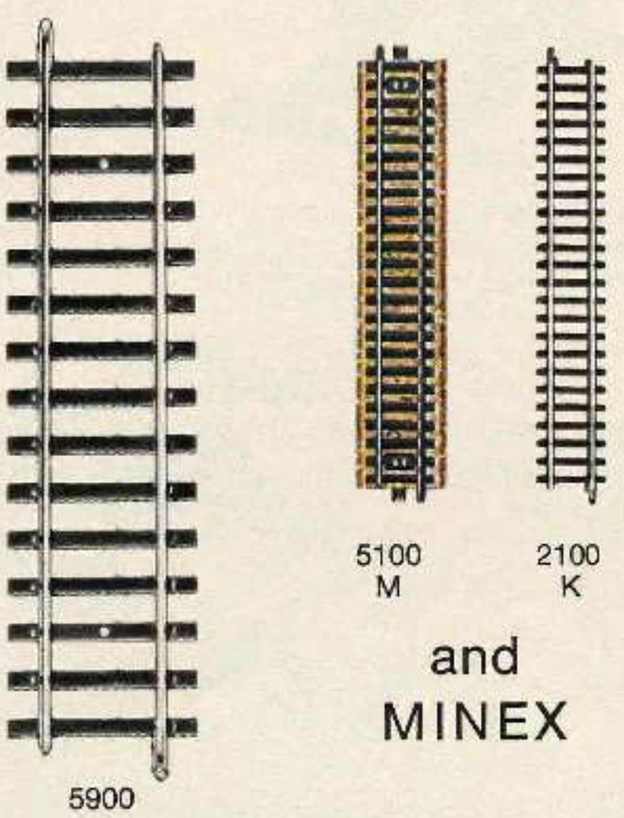
5851 OPEN GONDOLA CAR · 4 wheeled · Model of the Belgian State Railways' (SNCB) truck · Green car body · True to prototype lettering · Black frame · Length: 12″

5859 $ 8.95



Relationship of sizes:

NO. I GAUGE 1 3/4″ — HO SCALE 5/8″



and MINEX

5851 $ 8.95

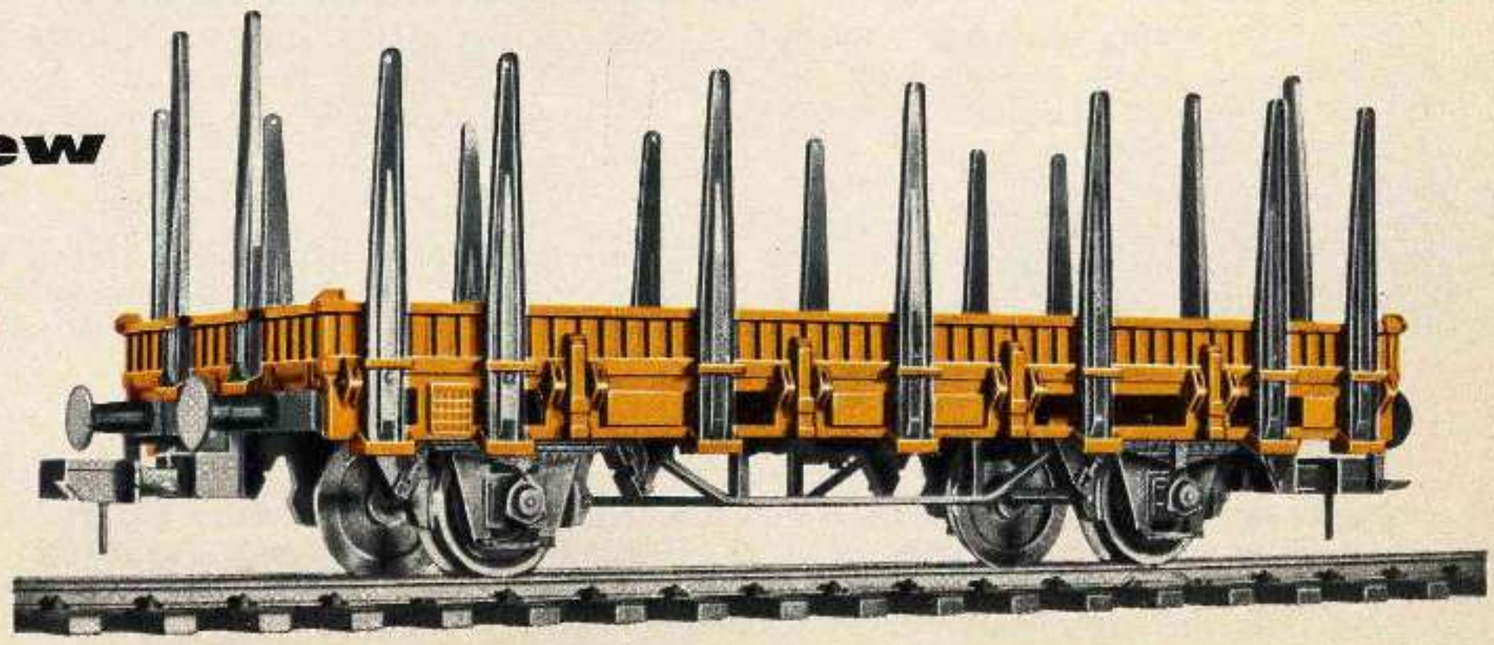


New

5853

5853 FLATCAR · 4 wheeled · Car body yellow · Removable stanchions included with car · Black underframe · Length: 12¼″

$ 9.95



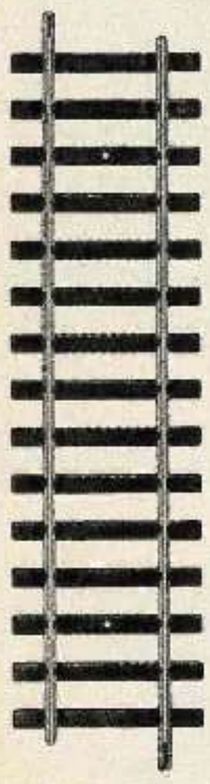
MÄRKLIN

TWO RAIL-AC

NO. I GAUGE TRACK

NO. I GAUGE TRACK

The running rails, mounted on plastic ties and insulated from each other, not only guide the wheels but supply current to the locomotive. The track sections are connected by rail joiners on each rail, plus a clip on the base of the plastic tie strip. The rails are made from solid stainless, non-rusting weather resistant metal, except for 5910 and 5941.



5900 $ 2.00

5900 STRAIGHT TRACK SECTION · 12″ long

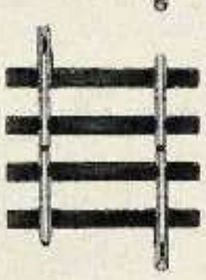
5910 $ 1.25

5910 STRAIGHT TRACK SECTION · With hollow profile rails · 12″ long



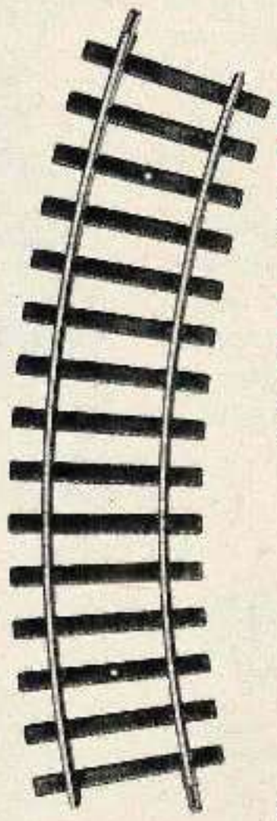
5908 $ 1.25

5908 STRAIGHT TRACK SECTION · 3¼″ long



5909 $ 1.50

5909 STRAIGHT INSULATOR TRACK · Use for electrical insulation of track sections · 3¼″ long

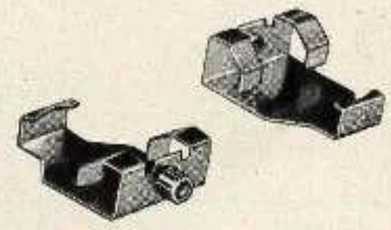


5921 $ 2.00

5921 CURVED TRACK SECTION · 24″ radius

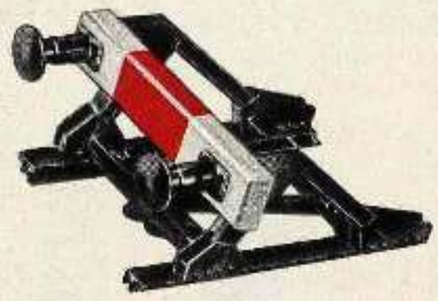
5941 $ 1.25

5941 CURVED TRACK SECTION · With hollow profile rails · 24″ radius



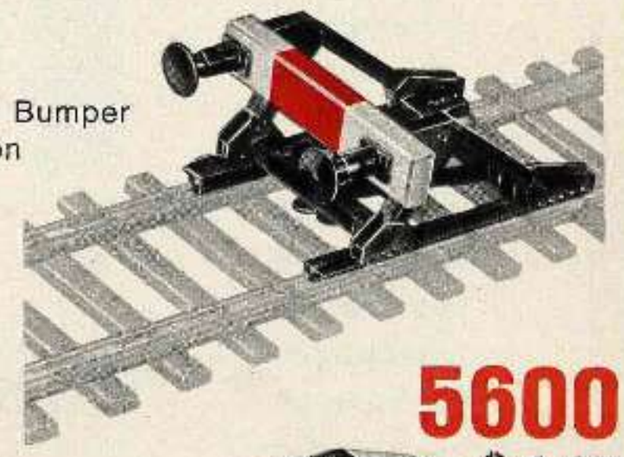
5601 $ 1.75

5601 CURRENT FEEDER CONNECTOR · Consists of two metal clips which snap onto the track and two connecting cables · Cables are 39″ long



5602 $ 3.00

5602 TRACK END BUMPER · Steel construction design · Sprung buffers · Black with red and white stripped buffer beam · Bumper clips onto rais · Length: 3¾″

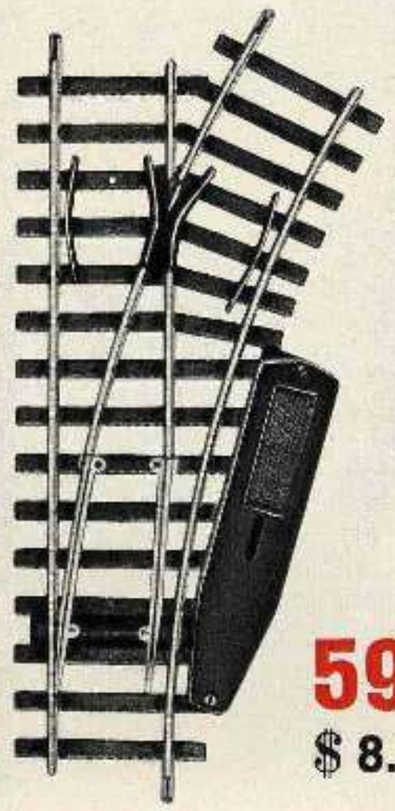


Track End Bumper installed on the track



5965 $ 8.95

5965 LEFT HAND MANUAL TURNOUT · Sprung switch points · Frog angle 30° · Radius of curved rails: 24″ · Length of straight track: 12″



5966 $ 8.95

5966 RIGHT HAND MANUAL TURNOUT · Sprung switch points · Frog angle 30° · Radius of curved rails: 24″ · Length of straight track: 12″

Fair Trade prices in US-Dollars

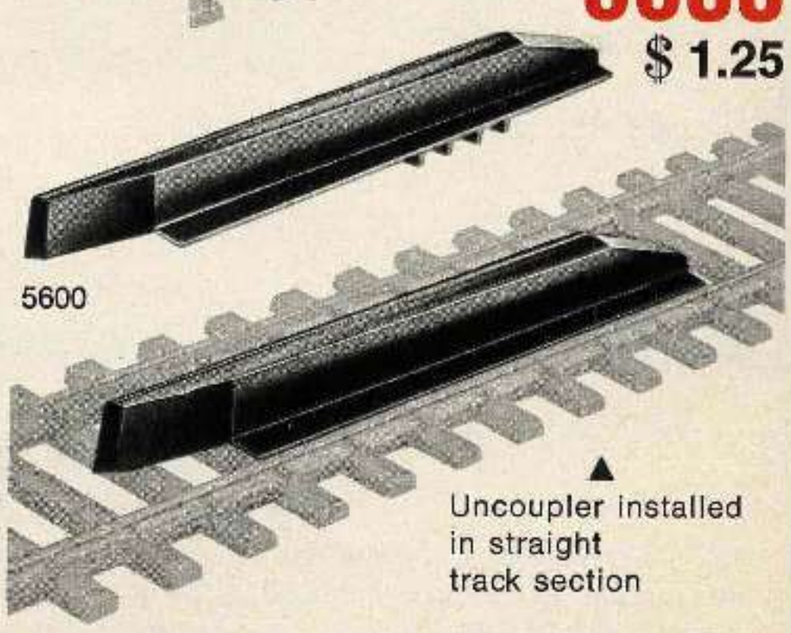
5603 $ 1.00



5603 CLIPS · 28 in a package · For connecting No. I track sections

5600 UNCOUPLER · Installed between the rails 5900 and 5910, this unit automatically uncouples cars and locomotives · Length: 6½″ ▶

5600 $ 1.25



5600

▲ Uncoupler installed in straight track section

The MÄRKLIN No. I Gauge trains operate with 16 volts A.C., the same as we use for our H0 scale trains. This provides you with all the many advantages you have come to enjoy with our smaller trains. The direction of the locomotive is changed only by switching the direction from the transformer. Although this train operates on the two rail system, there is no polarity problems because of the A.C. power. Reverse loops, crossings, or wye tracks offer no special problems.

We offer two distinct types of track: A hollow profile track for use on indoor layouts only; and a solid, stain resistant rail, mounted on thermal plastic ties for use either indoors or outdoors. Either type will give you a track system that is quite flexible in design and scale in appearance.

MÄRKLIN

MÄRKLIN MINIATURE AUTOMOBILES IN 1:43 SCALE

DIE CAST METAL WITH MOVABLE PARTS

Each car has been designed to give you a collectors piece with the finest features and details possible. Doors, hooods and trunks open and close, the windows have clear plastic inserts, full interiors are provided and scale rubber tires complete these exquisite models.



AVAILABLE FOR 1970

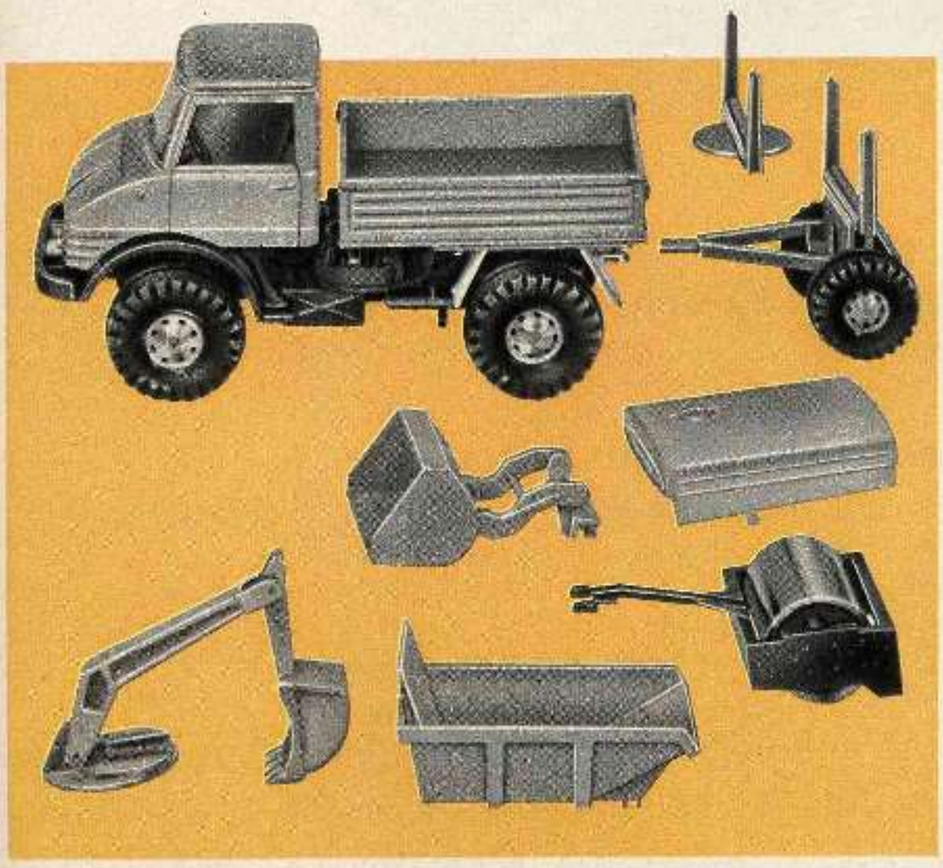
1800 $ 3.50 Porsche 911 T Targa
1801 $ 3.95 BMW 2000 CS Sport Coupe
1802 $ 3.50 Chaparral 2 F Race Car
1803 $ 3.50 Ford OSI 20 MTS Fast Back
1805 $ 3.95 VW 1600 Variant Station Wagon
1807 $ 3.95 VW 1600 Variant Fire Chief Car

1808 $ 3.95 VW 1600 Variant Auto Club Car
1809 $ 3.95 VW 1600 Variant Ambulance
1810 $ 3.50 Porsche 910 GT
1811 $ 3.95 NSU Ro 80 Sedan
1812 $ 3.95 BMW 1600 Fast Back
1813 $ 3.95 Mercedes C 111

1814 $ 4.50 BMW 3000 Coupe
1815 $ 3.95 Porsche 907 Race Car
1816 $ 3.95 Matra M 530 Spider Coupe
1817 $ 3.95 Mercedes 250 Sedan
1818 $ 3.95 Chevrolet Corvette
1819 $ 3.95 BMW 2002 ti
1820 $ 3.95 BMW 2500
1822 $ 3.95 Ford Capri 2300
1823 $ 3.50 VW 1600 Variant Police Car

1824 $ 5.00 Vacation Trailer
1825 $ 3.95 VW 411 Sedan
1826 $ 3.95 Porsche 914 Sports Car
1830 $ 5.50 Unimog Truck with Flatbed
1831 $10.95 Unimog Truck with Flatbed and Accessories (wheel barrow, roller, dump scoop, dump hopper, excavator, logging trailer)
1832 $ 2.50 Accessories for Unimog, 3 parts
1833 $ 3.95 Accessories for Unimog, 3 parts

MÄRKLIN

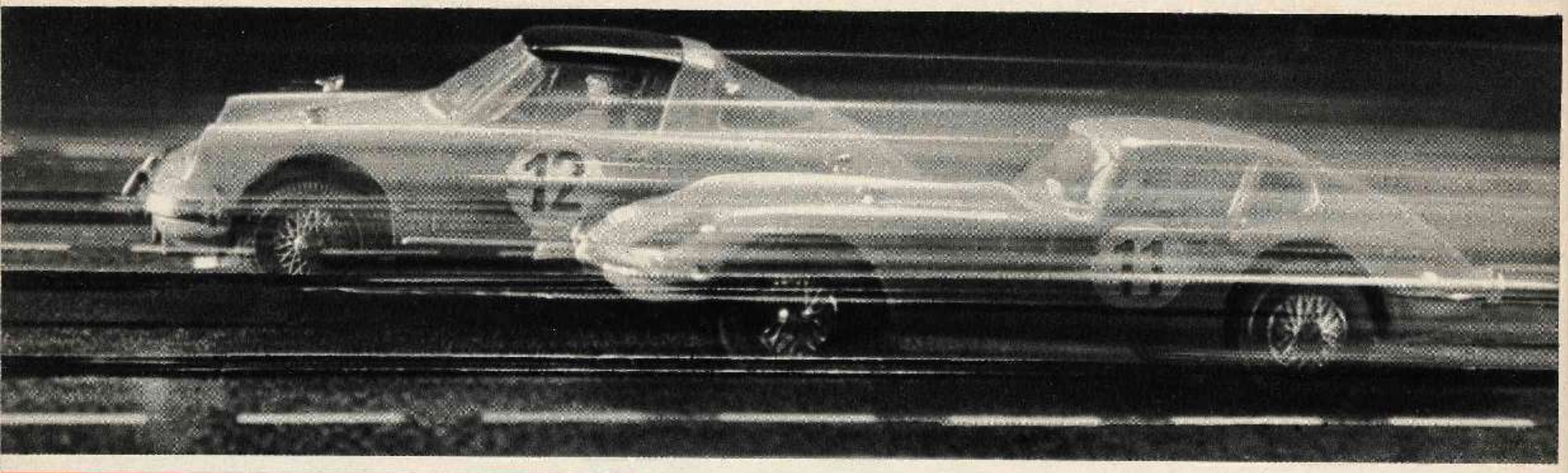




Your collection of cars can be enlarged with the 8000 series cars—Fire Engine, Farm Tractor, Crane Truck, Gasoline Truck, Self Propelled Excavator, Dump Truck etc. Please see your dealer for the special flyer with the complete collection of MÄRKLIN Miniature Automobiles.

MÄRKLIN Sprint

FOR FAST AND EXCITING



MÄRKLIN Sprint

Built in the popular 1:32 scale, a minimum of space is required for the MÄRKLIN Sprint raceway. The track is designed to clip together very strongly for complete electrical and mechanical connection, yet goes together and comes apart with ease. No fussing around with track sections that do not fit and are hard to connect. Thus your track will stand up even under very long and hard usage.

Your race track can be built with two, four or six lanes, long straight aways, esses, banked curved, inclines, overpasses, chicanes, lane crossovers and many other exciting accessories including our reliable lap counter. Everything is available to build up almost any racing circuit and, wherever required, to safeguard all your tracks with strong crash barriers.

Every MÄRKLIN racing car is a miniature masterpiece. The high speed motor is located in the best position for correct center of gravity, providing good road holding ability. In addition, a special designed gear train is installed so that the car can respond to any small change in voltage. This means short, quick braking action before curves and immediate acceleration during the curve. It also gives you superior hill climbing ability on MÄRKLIN incline sections. Because of these many features, MÄRKLIN race cars can attain unbelievably fast lap times.

Another feature typical of the high MÄRKLIN quality is the solid ski type current pick up of the cars. They are sprung and are thus very reliable for current pick up, while at the same time they provide a cleaning action on the pick up rails.

The tires of the cars can be changed and adapted to the running characteristics of the track.

The speed controller can be operated without any steps in the speed regulation or it can be set to uniformly increase step by step. Using the built-in key, the controller can be locked in a given voltage and then released with the panic switch in case of emergency. The hand controller can be connected to the track at any location that is convenient to you.

1:32

A host of suggestions for building different exciting raceways are contained in the interesting MÄRKLIN Sprint Handbook. It also contains racing rules for many different types of races, always providing thrilling entertainment in your home, for all participants, young and old.

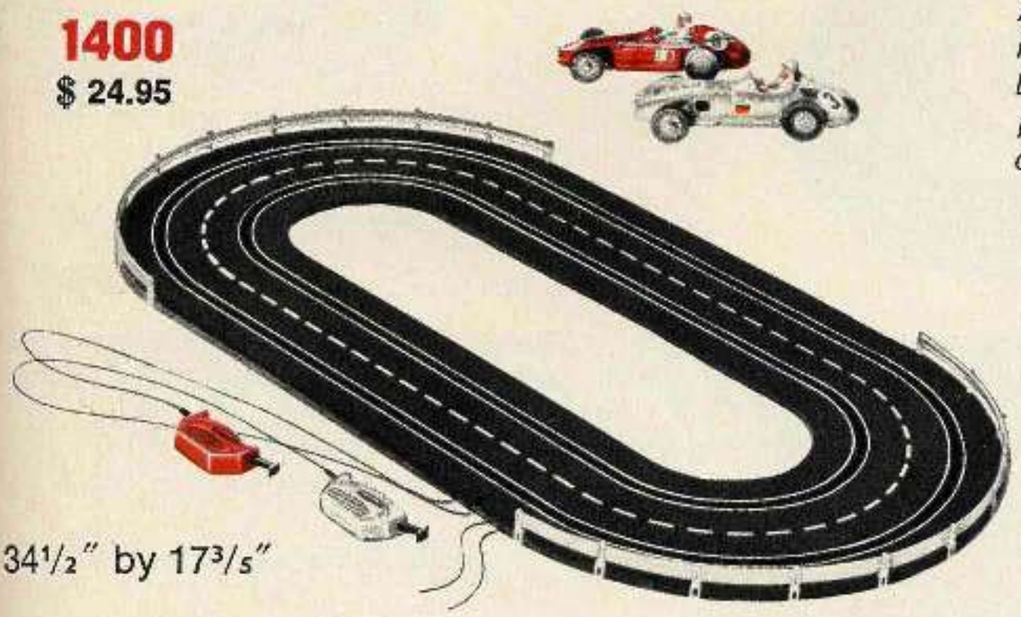
AUTOMOBILE RACING IN YOUR HOME 1:32

Running the lightning fast slot cars in the MÄRKLIN Sprint sets provides an exciting hobby quite different from our model railroads. Thus both hobbies compliment each other.



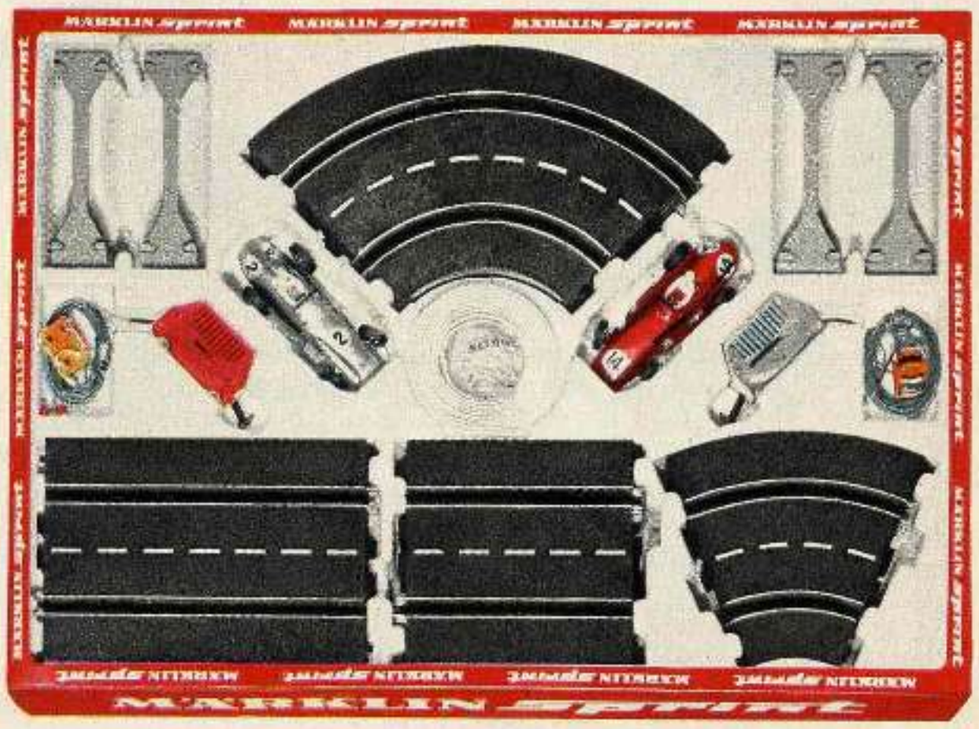
GIFT BOXES

1400
$ 24.95



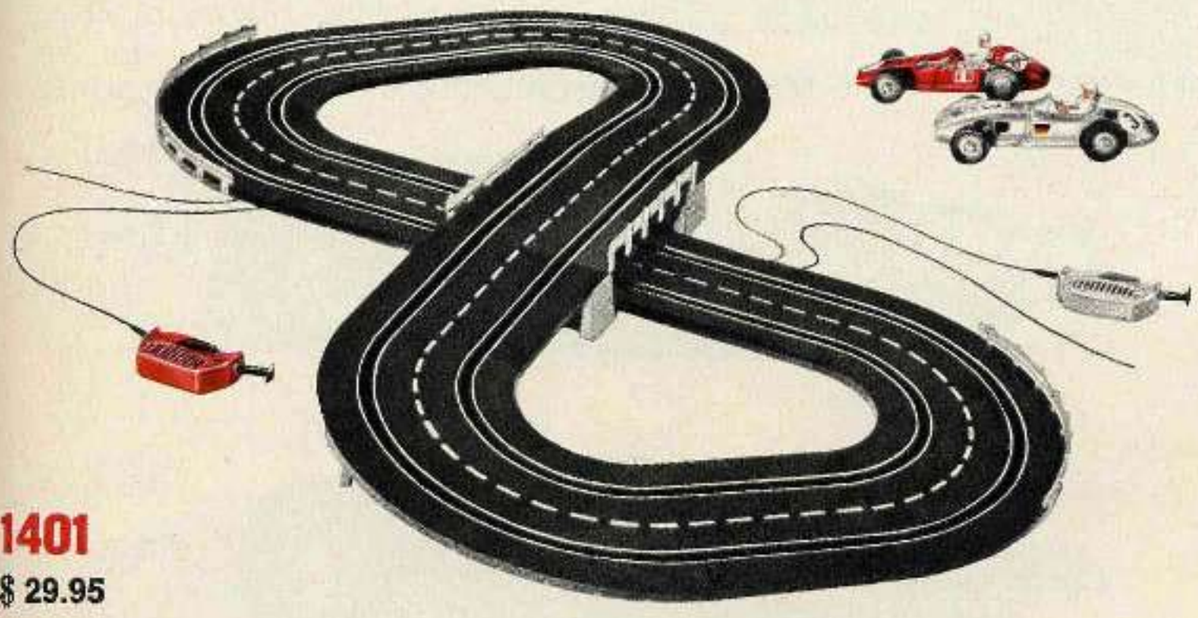
34½" by 17³/₅"

All of our sets come in beautiful gift boxes. Look for this colorful packaging at your dealer.



AUTO RACING SETS

Fair Trade prices in US Dollars



1401
$ 29.95

41³/₅" by 25½"



1409
$ 34.50

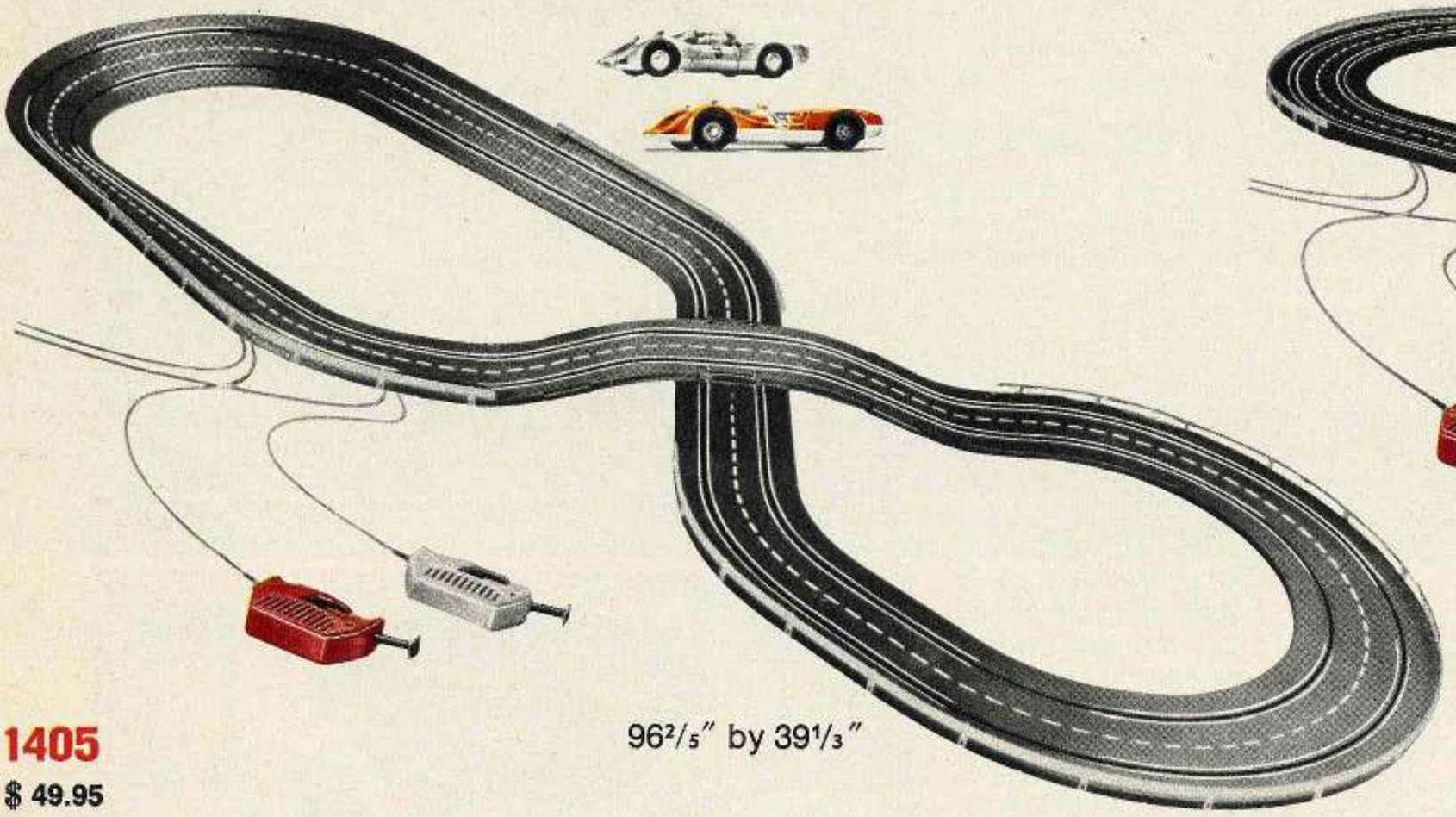
59" by 30"

1400 RACING CAR SET, containing two formula racing cars, one Mercedes Monoposto and one Ferrari Supersqualo, two speed controllers, one red and one grey · Track sections: Four 1200 straight, four 1220 curved, together with crash barriers and 20 supports for them · These parts will make up an oval track · Full Instructions are supplied with the Set

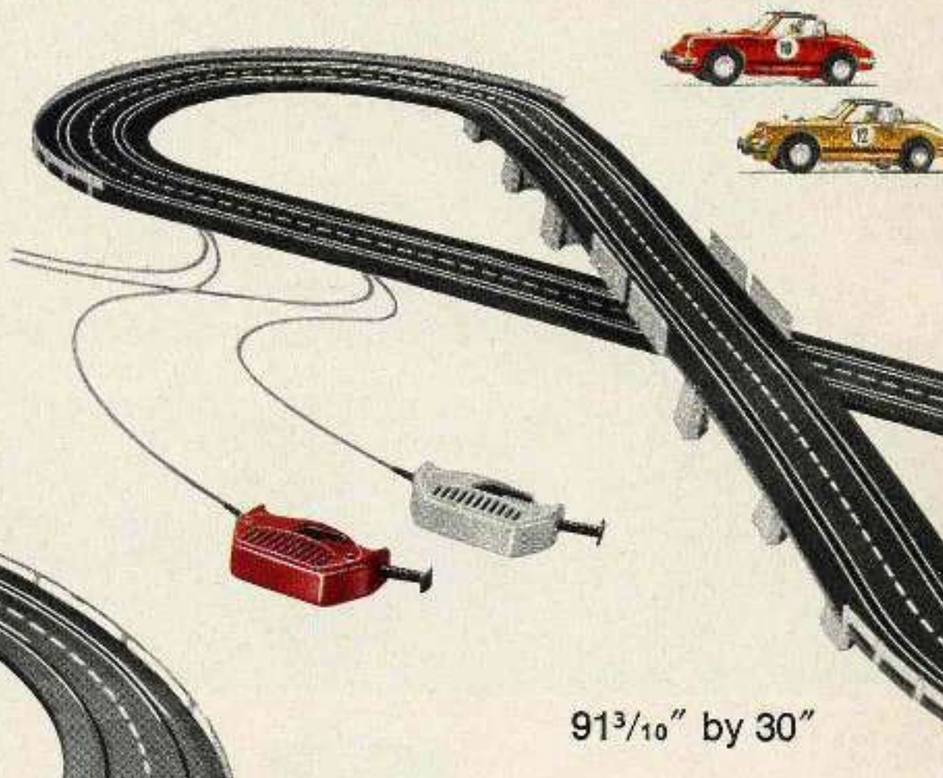
1401 RACE CAR SET · Contains two formula 1 race cars, Mercedes Monoposto and Ferrari Supersqualo, 1 red and 1 grey hand controller, 2 straight track 1200, 6 straight track 1201, 4 curve track 1220, 4 curve track 1221, 2 piers 2" high, 2 piers 1" high, guard rails and 32 supports · An intersting oval can be laid out with these parts · Full instructions are supplied with the Set

1409 RACE CAR SET · Contains two formula 1 race cars, Mercedes Monoposto and Ferrari Supersqualo, 1 red and 1 grey hand controller, 2 straight track 1200, 2 straight track 1201, 2 straight track 1206, 3 curved track 1220, 2 curved track 1241, 4 1248 banked curved, guard rails, 19 guard rail posts, 3 clips, and 1 connecting section 1547 · A figure eight track with an overpass and a banked curve can be laid out with this material · Full instructions are supplied with the Set

AUTO RACING SETS



96²/₅″ by 39¹/₃″



91³/₁₀″ by 30″

1405

$ 49.95

1405 RACING TRACK SET WITH ONE BANKED CURVE, containing a white Porsche Carrera 6 sports car and an orange-coloured open sports car, with two speed controllers, one red and one grey · Track sections: Two 1200 straight, four 1201 straight, two 1205 straight, eight 1241 curved, four 1248 banked curved, two 1290 transfer sections to banking, two 1291 transfer sections from banking; one crash barrier 2 metres (6 ft. 6″) long, one crash barrier 1½ metres (4 ft. 10½″) long, thirty crash barrier supports, four 1547 joining sections and two clips · This material is sufficient to build up a figure-of-eight track with an over-pass and one banked curve can be laid out with these parts · Full Instructions are supplied with the Set

Fair Trade prices in US Dollars

RACING AND SPORTS CARS

1300 FORMULA RACING CAR · A model of the Mercedes W 196 Monoposto · The front wheels are steered by the guide slot in the track sections · Scale model front axle assembly · The car is driven by a high-speed motor through a multiratio gear box and current is picked up by two sprung ski-type current collectors · Silver plastic body with figure of driver in white · 5″ long
Spare tyres for this car: Front, No. 1500; rear, No. 1501 or 1504



1300

$ 7.95



1301

$ 7.95

1301 FORMULA RACING CAR · A model of the Ferrari Supersqualo · The front wheels are steered by the guide slot in the track sections · Scale model front axle assembly · The car is driven by a high-speed motor through a multi-ratio gearbox and current is picked up by two sprung ski-type current collectors · Red plastic body with figure of driver in white · 5″ long
Spare tyres for this car: Front, No. 1500; rear, No. 1501 or 1504



1310

$ 10.95

1310 SPORTS CAR · Model of the Porsche 911 Targa · Floating front axle · Front wheels are guided by guide shoe · Scale model front axle assembly · Current is picked up by two ski like current collectors · Yellow plastic body with figure of driver · Length: 5¹/₈″
Spare tyres for this car: Front and rear 1500

1306 FORMULA 2 RACING CAR · A model of the BMW 1600 with Lola chassis · The front wheels are steered by the guide slot in the track sections · Front axle assembly · The car is driven by a high-speed motor through a multi-ratio gear-box and current is picked up by two sprung ski-type current collectors · White body with blue underframe · Visible imitation engine · Figure of driver in white · 4½″ long
Spare tyres for this car: Front, No. 1503; rear, No. 1504



1306

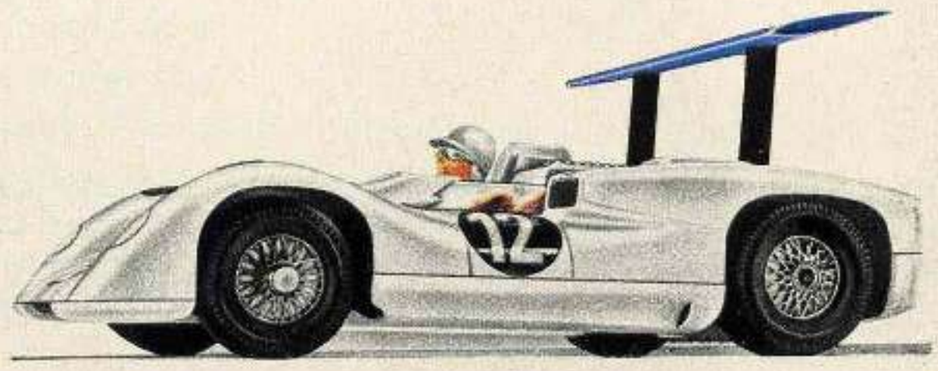
$ 9.95



1307

$ 9.95

1307 FORMULA 2 RACING CAR · A model of the Lola-BMW · Technical details the same as No. 1306, but with red body and underframe

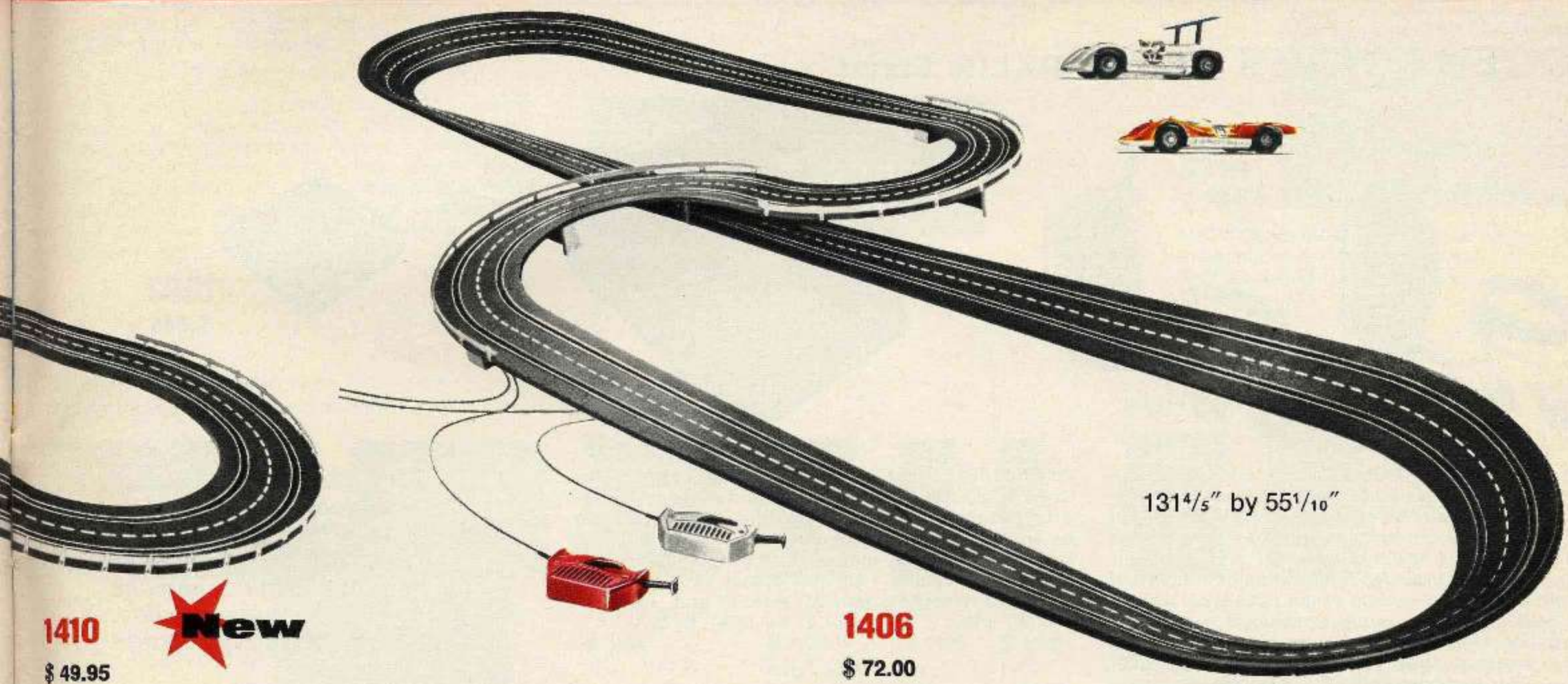


1315

$ 9.95

1315 SPORTS CAR · A model of the Chaparral 2 E with vertical stabilising fin · Front wheels are steered by the guide slot in the track sections · Front axle assembly · The car is driven by a high-speed motor through a multi-ratio gear-box, and current is picked up by two sprung ski-type current collectors · White plastic body with figure of driver in white · 4½″ long
Spare tyres for this car: Front, No. 1500; rear, No. 1503

RACING AND SPORTS CARS 1:32



1410 New

$ 49.95

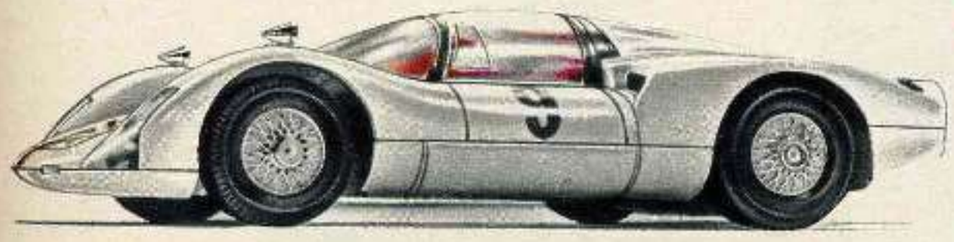
1410 RACING TRACK SET · Includes 2 Porsche Targa Race cars, 1 red and 1 grey hand controller, 4 straight track 1205, 4 straight track 1206, 10 curved track 1241, 2 each piers 1¹/₁₆″, 1⁹/₁₀″ and 2²/₅″ high, 4 bridge railings, crash barriers and 50 supports for them · These parts will make a large figure eight track with an overpass · Full instructions are supplied with the Set

1406

$ 72.00

1406 RACING TRACK SET WITH TWO BANKED CURVES, containing a white Chaparral sports car and an orange-coloured open sports car, with two speed controllers, one red and one grey · Track sections: Four 1200 straight, ten 1205 straight, eight 1241 curved and eight 1248 banked curved; two crash barriers 4 ft. 10¹/₂″ long, thirty crash barrier supports, two piers each, 1¹/₁₆″, 1⁹/₁₀″ and 2²/₅″ high, with four track section supports · A big figure-of-eight track with an overpass and two banked curves can be made up with these parts · Full Instructions are supplied with the Set

1302 SPORTS CAR · A model of the Porsche Carrera 6 · The front wheels are steered by the guide slot in the track sections · Scale model front axle assembly · The car is driven by a high-speed motor through a multi-ratio gearbox and current is picked up by two sprung ski-type current collectors · White plastic body · Cockpit enclosed by clear plastic hood · With figure of driver · 5¹/₁₀″ long
Spare tyres for this car: Front, No. 1500; rear, No. 1503



1302

$ 9.95



1305

$ 9.95

1305 SPORTS CAR · A model of the Porsche Carrera 6 · Technical details the same as No. 1302, but with red body

1313 SPORTS CAR · Technical details the same as No. 1302, but with open cockpit and windscreen · Silver body with black underframe · With figure of driver · 5¹/₁₀″ long



1313

$ 9.95



1314

$ 9.95

1314 SPORTS CAR · Technical details the same as No. 1313, but with orange body and white underframe

1316 GRAND PRIX CAR · A model of the Porsche Carrera 6 · The front wheels are steered by the guide slot in the track sections · Working front axle assembly · Car is driven by a high speed motor through a multi-ratio gearbox and current is picked up through two sprung current collectors · Silver plastic body · Cockpit enclosed by clear plastic hood · Two working headlights · With figure of driver · 5¹/₈″ long
Spare tyres fitting model: front 1500, rear 1503



1316

$ 11.95



1317

$ 11.95

1317 GRAND PRIX CAR · Technical details the same as 1316 except for open cockpit with windshield · Red plastic body · With figure of driver · 5¹/₈″ long
Spare tyres fitting model: front 1500, rear 1503

New



1308

$ 10.95

1308 SPORTS CAR · Model of the E type Jaguar · Floating front axle · The front wheels are guided by the guide shoe · Scale model front axle assembly · Current is picked up by two ski like current collectors · Red plastic body with figure of driver · Length: 5¹/₄″
Spare tyres for this car: Front and rear 1500

ACCESSORIES FOR MÄRKLIN Sprint

1590
$ 2.50



1591
$ 2.50



1590 SPEED CONTROLLER with connecting fittings · A very convenient shape, made of heatresistant plastic material · The push-type switch for setting the track current can be fixed by a ratchet stop to give any voltage required, and an emergency stop push provides interruption of the current without altering the setting of the push-type switch · The colour of the controller casing is grey · The connecting fittings consist of the connecting plate with a two-core cable 4¾ ft. long to the controller and another two-core cable 3¼ ft. long with a plug for connecting to the driving unit · A speed controller must never be used for more than one car at any time

1591 SPEED CONTROLLER, the same as No. 1590, but with a red casing



6930
$ 12.95

6930 MÄRKLIN SPRINT D.C. DRIVING UNIT · For use on 220 volts A.C. only · Output 10 watts at approximately 14 volts D.C. · Overload protection by an automatic current-limiting device · Connecting lead with sprayed mains plug connection · Blue sheet steel casing · On the output side there are two pairs of sockets marked "Auto 1" and "Auto 2" · Weight 2 lbs. 2 oz. · Size 5″ by 3⁷/₁₀″ by 2¹/₁₀″

1592 RECTIFIER, for connecting to MÄRKLIN railway transformers · Size 2¹/₅″ by 2″ by ³/₅″ · D.C. for running up to four cars at the same time can be taken from the pairs of plug sockets marked "Auto 1" and "Auto 2" · The transformer connected in series must have an output of not less than 16 watts



1592
$ 2.95

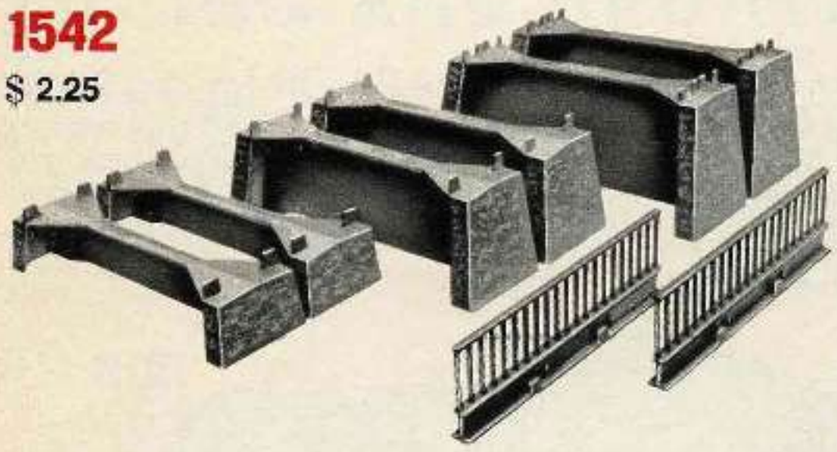
The 6930 Driving Unit is recommended as the source of current supply. If MÄRKLIN railway transformers are used the 1592 rectifier **must** *be connected between the transformer and speed controller.*

Mechanical Lap Counter



1545
$ 6.95

1542
$ 2.25



1541
$ .05



1540
$ .65

1547
$ .15



Fair Trade prices in US Dollars

1543
$ .50



1544
$ .30



1540 CRASH BARRIER, corrugated section planking made of white flexible plastic · 6½ ft. long

1541 SUPPORT FOR CRASH BARRIER, made of impact-resistant plastic for fixing crash barriers to the track

1542 CONSTRUCTION KIT FOR OVERPASS, consisting of two piers 1¹/₁₆″, two 1⁹/₁₀ and two 2²/₅″ high, with two bridge railings · All parts made of grey plastic · For making up a very strong overpass that will even span four-lane tracks

1543 SUPPORT · 2²/₅″ high · Made of grey plastic, with stubs on top face for fixing track sections to

1544 BRIDGE RAILINGS, for reinforcing overpasses · 5³/₁₀″ long · 1½″ high · Made of grey impact-resistant plastic

1545 MECHANICAL LAP COUNTER, permanently mounted on a two-lane track section 4¹/₁₀″ long · The instrument READS UP TO 99 LAPS for both lanes in both directions, and the dial can be reset by hand · 5¹/₁₀″ high · 6″ wide · On tracks having several lanes a number of lap scorers can be set up directly next to one another in a row

1547 CONNECTING SECTION · 2⁹/₁₀″ long, plastic · For connecting two adjoining straight track sections and reinforcing the joints

REPLACEMENT TIRES

1500 $ .30 SET OF TYRES, containing two rubber tyres 20.5 millimetres diameter by 6 millimetres

1501 $ .30 SET OF TYRES, containing two rubber tyres 23 millimetres diameter by 7 millimetres

1503 $ .30 SET OF TYRES, containing two rubber tyres 20.5 millimetres diameter by 7.6 millimetres

1504 $ .30 SET OF TYRES, containing two rubber tyres 24 millimetres diameter by 8.4 millimetres

MOTOR BRUSHES

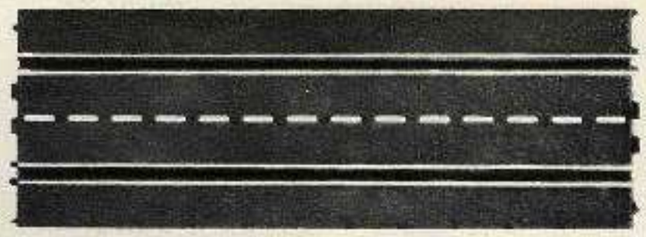
60 146 $ .25 SET OF TWO BRUSHES for the motors of MÄRKLIN Sprint cars

1510 $ .15 EXTRA CURRENT PICK-UP SHOES (one pair) for attaching to the pick-up shoes of MÄRKLIN Sprint Cars so that they can be run on tracks of other makes

Important! MÄRKLIN SPRINT Racing Cars will only run on D.C. - direct current.

TRACK SECTIONS

All track sections are made of strong plastic material with slots in them for steering the cars, current being supplied to the cars by contact rails placed on both sides of the slots. Clip-in joints couple the parts of the track together absolutely securely without requiring any other connections. The sections are finished in black with a broken white line in the centre.



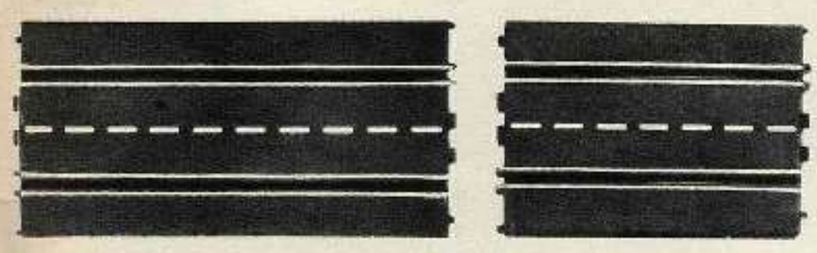
1205 16¾″ long (double the length of 1200)
$ 2.25



0751
$ 1.10

MÄRKLIN-SPRINT RACING MANUAL · With suggestions for laying out racing circuits as well as giving rules for racing · Illustrated · 44 pages · 8¼″ by 11″

Straight Track Sections · Two lanes
With connections for current supply



1206 12″ long (double the length of 1201)
$ 1.95

1200 8⅓″ long
$ 1.25



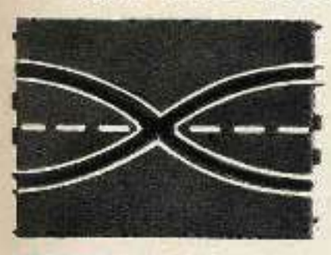
1201 6″ long
$ 1.00

1202
$ 1.00
4¹/₁₀″ long

1203
$ 1.00
2²/₅″ long

1204
$ 1.00
1¾″ long

Straight lane changing tracks



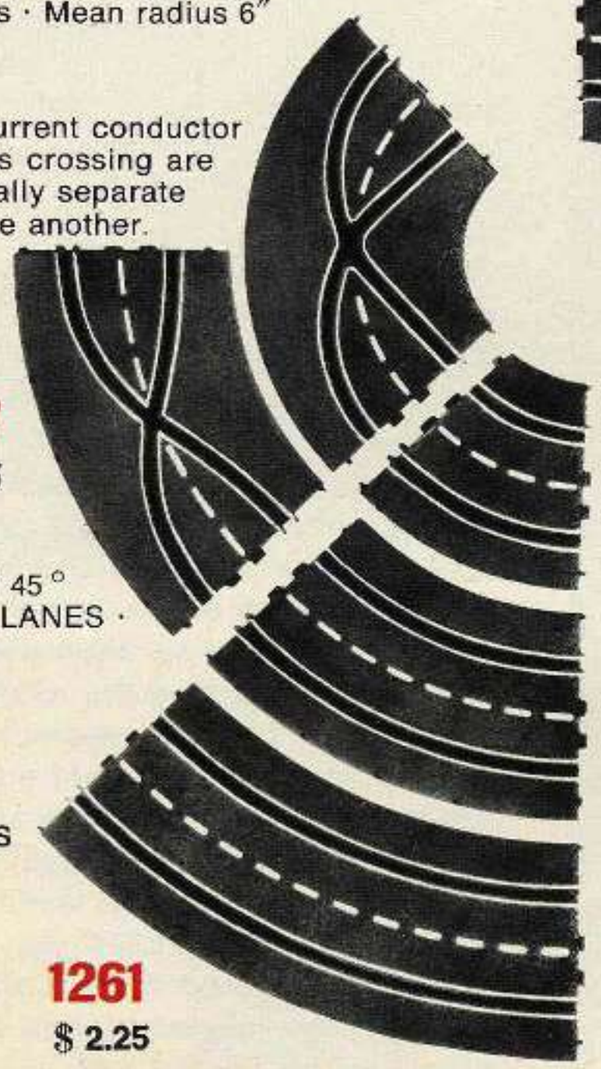
Change over lane sections can not be used individually, but must be used in pairs. This applies to sections: 1217, 1227 and 1247.

1217
$ 1.75
Two lanes · The rails are insulated from each other · Length 8⅓″

Curved Lane Changer

CURVED TRACK SECTION 90° FOR CHANGING LANES · With two lanes · Mean radius 6″

1227
$ 1.95



The current conductor rails crossing are electrically separate from one another.

1247
$ 1.95

CURVED TRACK SECTION 45° FOR CHANGING LANES · With two lanes · Mean radius 12″

Curved Track Sections

1261
$ 2.25

CURVED TRACK SECTION, 45° · Two lanes · Mean radius 18″

Chicane



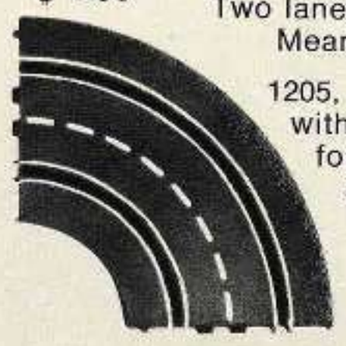


1216
$ 1.25

CHICANE · Two lanes · Track spacing reduced from 3″ to 1½″ · Length 6″ · TWO OF THESE CHICANE SECTIONS MUST BE USED

1220
$ 1.50

CURVED TRACK SECTION, 90° · Two lanes · Mean radius 6″



1205, 1220, 1241, 1261 with connections for current supply

Curved Track Sections

1221
$ 1.00
CURVED TRACK SECTION, 45° · Two lanes · Mean radius 6″

1241
$ 1.35
CURVED TRACK SECTION, 45° · Two lanes · Mean radius 12″

Inclines



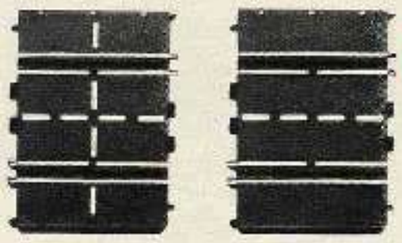
1290
$ 1.50

1290 STRAIGHT TRACK SECTION FOR START OF INCLINE · With two lanes and connection for current supply · Concave slope; start and finish of the track form an angle of about 30° · Length 8³/₅″

1291
$ 1.50

STRAIGHT TRACK SECTIONS FOR FINISH OF INCLINE as 1290, but convex slope

Track Section with Brake Action



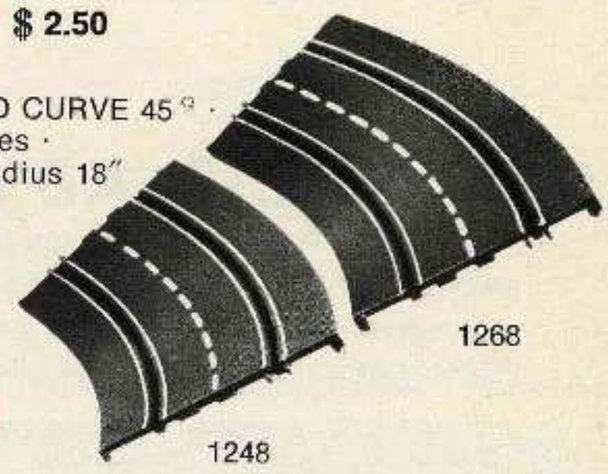
1207
$ 7.95

Consists of 2 track sections each 4⅛″ long · For use in front of chicane tracks and crossover tracks · The car first entering this track section shuts off power to the other lane automatically and restores power only after leaving the control section

Banked Curve 45°

1268 **$ 2.50**

BANKED CURVE 45° · Two lanes · Mean radius 18″

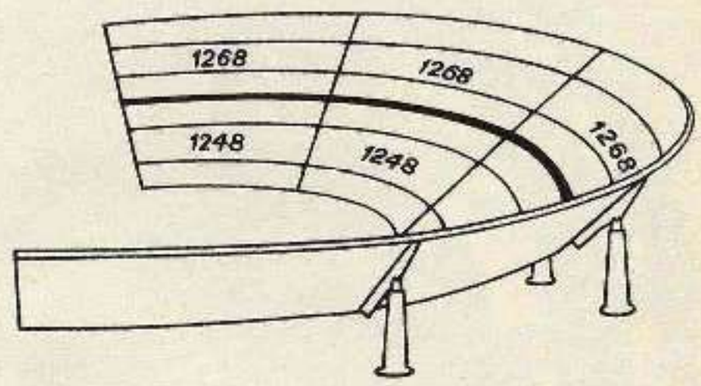


1268

1248
$ 2.25

1248

BANKED CURVE 45° · Two lanes · Mean radius 12″



1546 BANK CURVE SUPPORTS · Contains: 7 width supports, three 5″ high supports, four 3″ high supports, and twelve connectors · Made of plastic · For use when widing banking to four lanes

1546 **$ 5.95**



MÄRKLIN Sprint

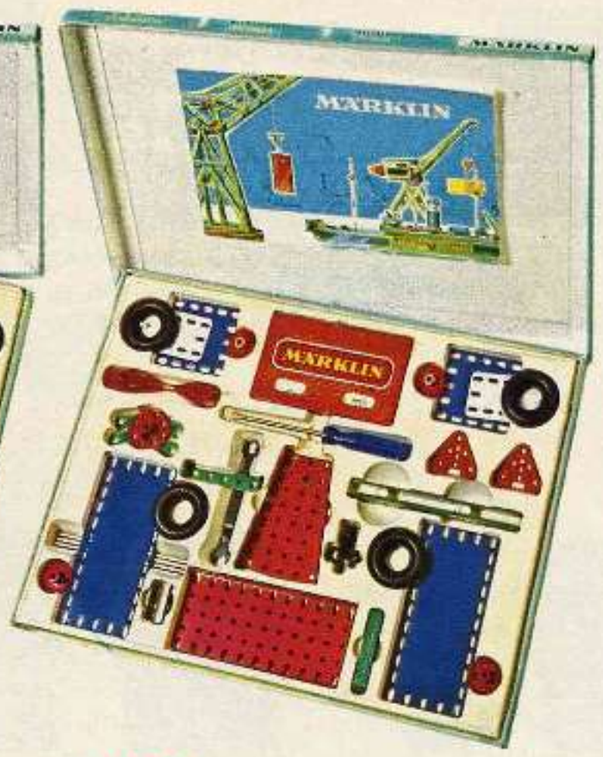
MÄRKLIN METAL CONSTRUCTION SET

MÄRKLIN-METAL CONSTRUCTION SETS



1009
$ 7.50

1009 BASIC SET · Contains 135 constructional parts · The box measures 15¼″ by 10″ by 1⅕″ and weighs 1 lb. 15 oz. · Can be made up into Basic Set 1010 by Supplementary Kit 1029



1010 **$ 10.50**

1010 BASIC SET · Contains 176 constructional parts · The box measures 16″ by 12″ by 1¼″ and weighs 2 lb. 5 oz. · Can be made up into Basic Set 1011 by Supplementary Kit 1030



1011
$ 15.95

1011 BASIC SET · Contains 242 constructional parts · The box measures 20¼″ by 13¾″ by 1¼″ and weighs 3 lb. 14 oz. · This is one of the favourite Construction Sets, as models from all branches of engineering can be made from the constructional parts it contains, the illustrated Instruction Book supplied with is giving a wide selection to choose from · Can be made up into Basic Set 1012 by Supplementary Kit 1031

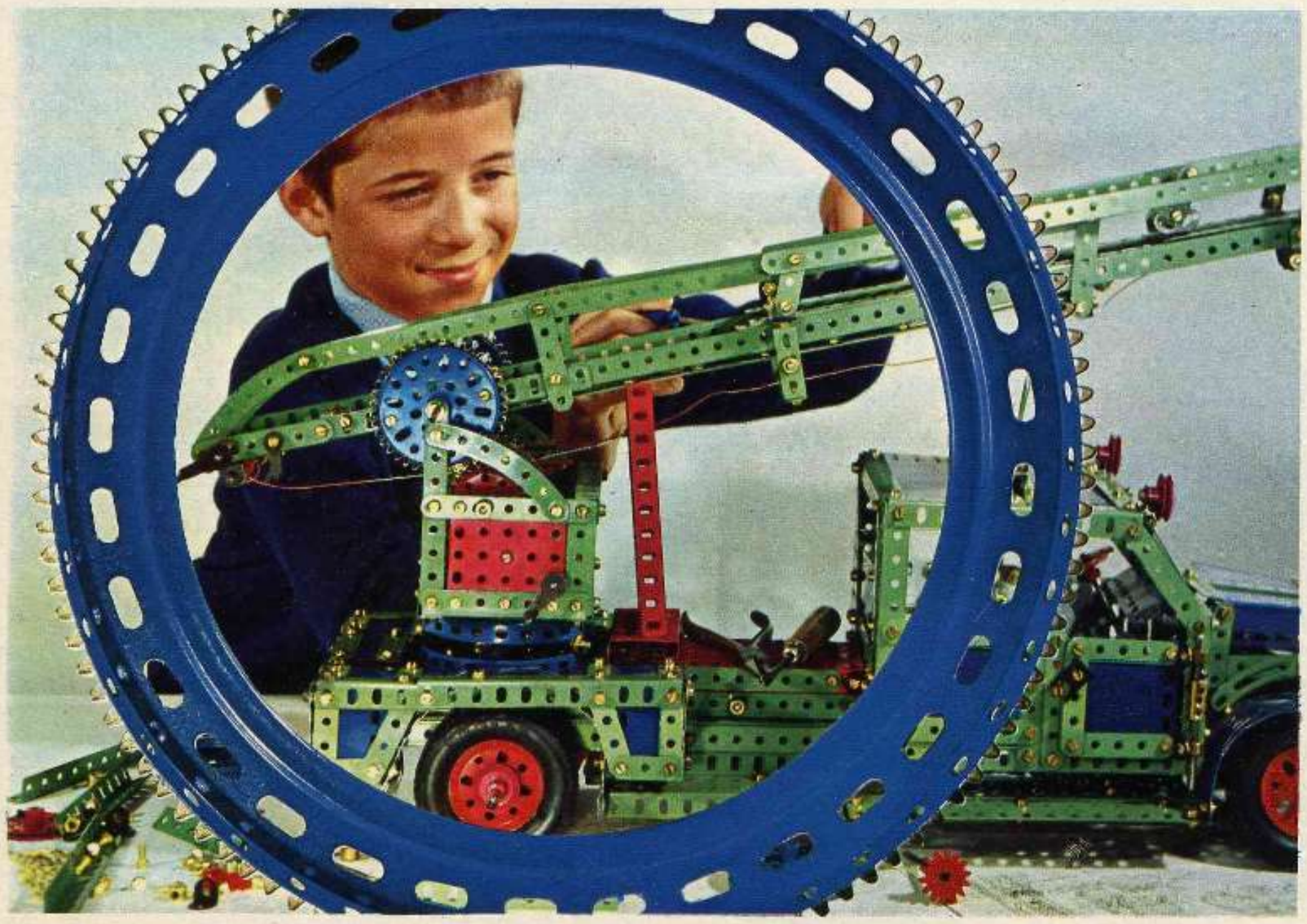


1012 **$ 29.95**

1012 BASIC SET · Contains 396 constructional parts · The box measures 20¾″ by 13¾″ by 1½″ and weighs 6 lb. 13 oz. · This 1012 Set extends the number and realism of the models considerably, as among the many other models that can be built from it there are, for example, diesel locomotives, tramcars and maintenance cars for the overhead trolley wire, motor lorries, tractors, mobile slewing cranes up to tower slewing cranes and windmills · Models such as surface grinders, highspeed drilling machines, and pendulum and frame saws, can also be built without any difficulty · This Set can be made up into Basic Set 1013 by Supplementary Kit 1032

AND THEIR ADVANTAGES

MÄRKLIN is synonymous with quality, and so what children are given to play with is not a matter for indifference-playthings that are accurately made will provide an education for accurate work in later life.
Playing with these MÄRKLIN Metal Construction Sets will reveal and develop technical and creative talents even in the early years of youth.



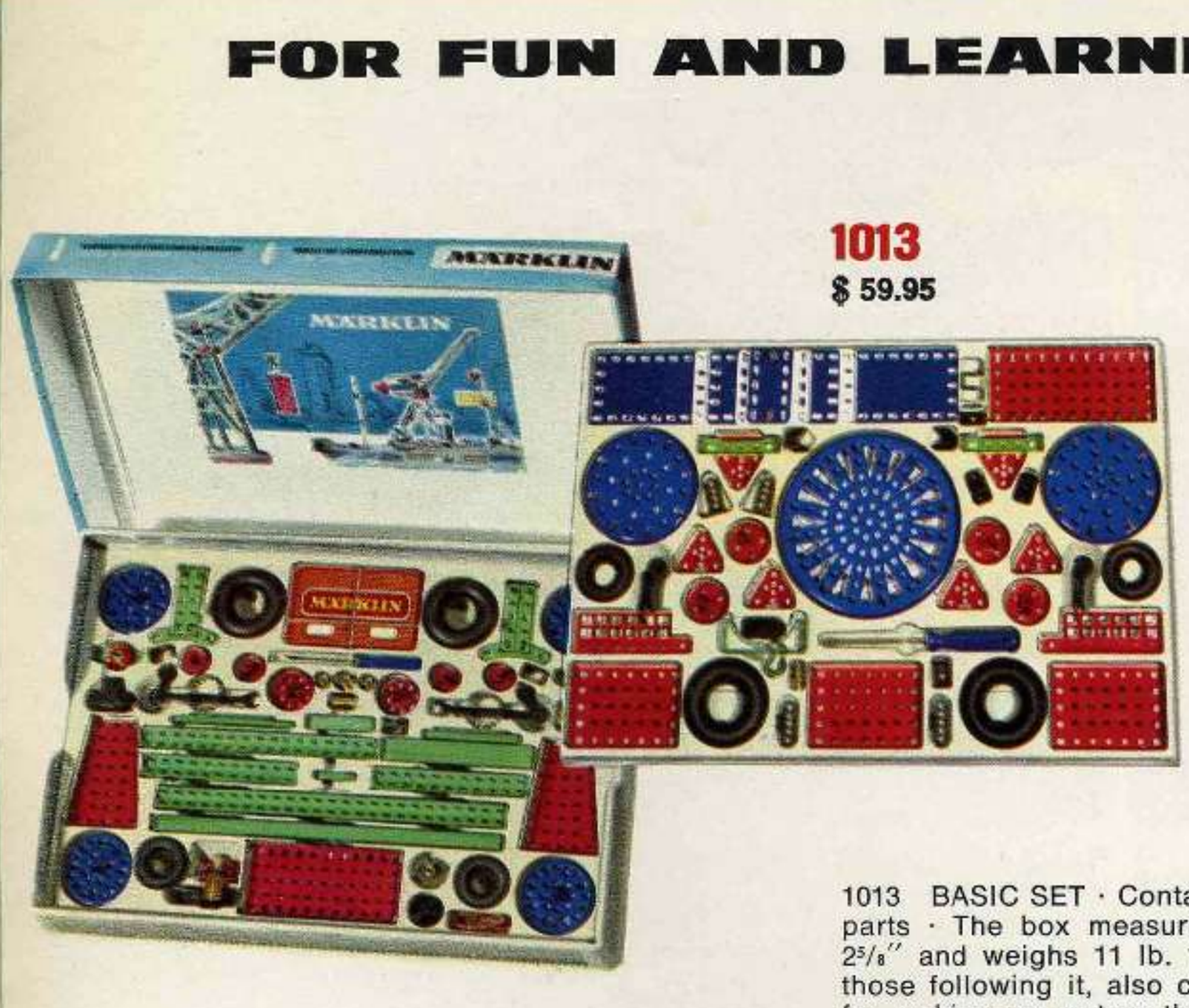
MÄRKLIN Metal Construction Sets are branded products of high quality; they can be had in six Basic Sets and six Supplementary Kits. MÄRKLIN Supplementary Kits enable each Basic Set to be made up into the next larger Set following.
Each Basic Set contains a large assortment of constructional parts with an illustrated instruction Book showing numerous interesting examples.
A number of very instructive models can be built with even the smallest Set.
All parts in the Sets are made of best materials and enamelled in colors.
All gear wheels-except the universal gear-have machine-cut teeth and turned bosses or hubs, instead of the stamped and riveted sheet metal parts so often used otherwise.
Colored casings give the models a colorful appearance closely resembling the real thing. A great advantage is that these color plates can be bent at right angles and the lines of the bends then smoothed out again.
Electrical parts-such as commutators, field or magnet coils, cables etc., are also included in the assortment contained in Set 1013 and the following ones, so that an insight can be gained into the fundamental laws of electricity. The great variety of seperate parts can be still further augmented by special parts obtainable form all shops selling MÄRKLIN Models and Sets.

Basic Set No.	Number of parts	Supplementary Kit No.	Number of parts
1009	135	1029	42
1010	176	1030	67
1011	242	1031	164
1012	396	1032	308
1013	703	1033	307
1014	1006	1034	1100

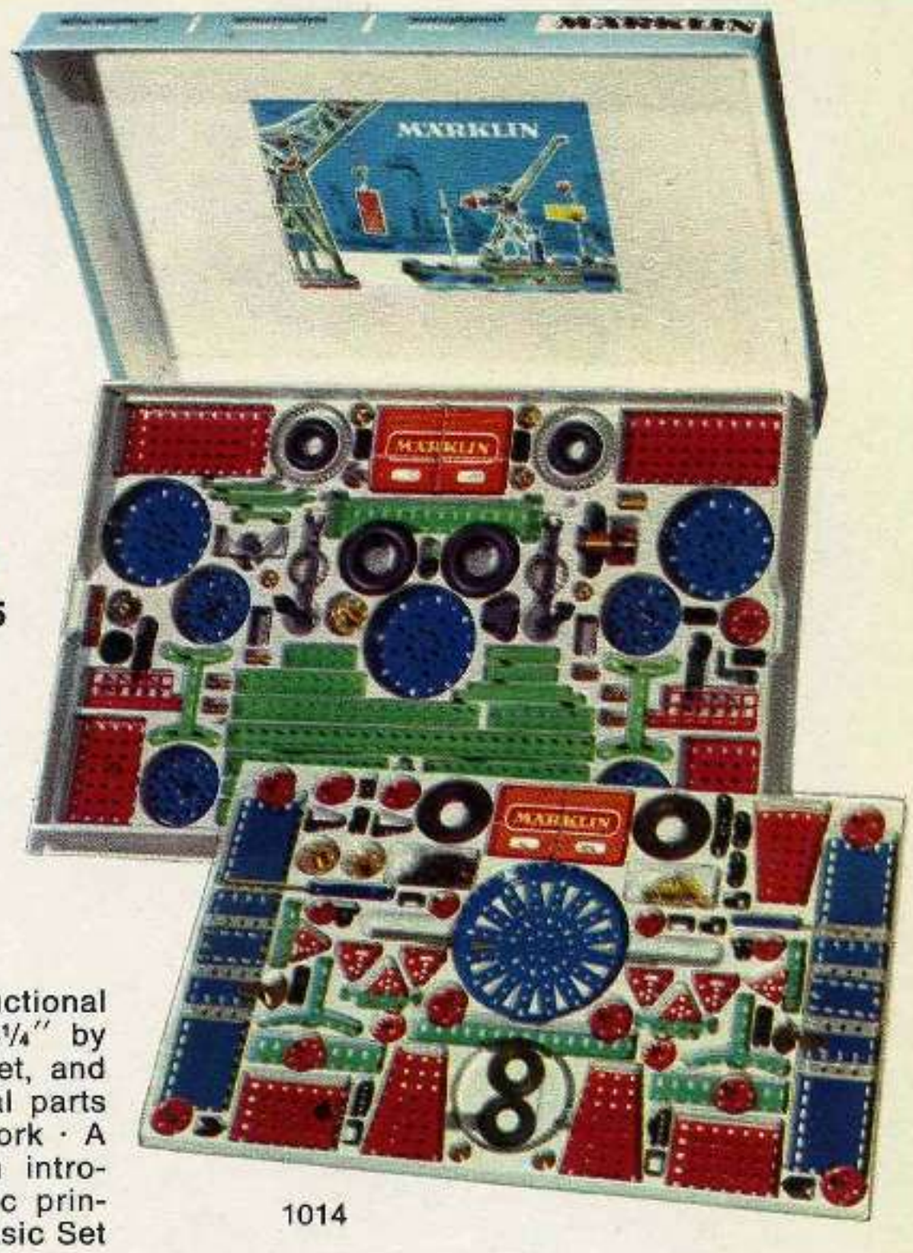
◁ *The Number of Constructional Parts in MÄRKLIN Metal Construction Sets*

MÄRKLIN METAL CONSTRUCTION SETS ARE THE FINEST YOU CAN BUY

FOR FUN AND LEARNING



1013
$ 59.95



1014
$ 86.95

1014

1013 BASIC SET · Contains 703 constructional parts · The box measures 20¾″ by 14¼″ by 2⅝″ and weighs 11 lb. 11 oz. · This Set, and those following it, also contain electrical parts for making up motors that will really work · A "Short Course in Electricity" gives an introduction to electricity itself and its basic principles · This Set can be made up into Basic Set 1014 by Supplementary Kit 1033

1014 BASIC SET · Contains 1006 constructional parts · The box measures 25¼″ by 16⅝″ by 2⅝″ and weighs 18 lb. 3 oz.

Fair Trade prices in US Dollars



1034

SUPPLEMENTARY SETS

Any Basic Set can be made up to the next larger one by a Supplementary Kit, the parts of the latter added to the existing Set forming the new larger Basic Set. If, for example, you have the 1009 Basic Set and want to make it up to the contents of Basic Set 1010, then you should get the 1029 Supplementary Kit.

SUMMARIZED:

Supplementary Kit No.	**1029**	**$ 4.50**	makes up Set 1009 into Basic Set 1010
Supplementary Kit No.	**1030**	**$ 7.25**	makes up Set 1010 into Basic Set 1011
Supplementary Kit No.	**1031**	**$ 15.95**	makes up Set 1011 into Basic Set 1012
Supplementary Kit No.	**1032**	**$ 27.95**	makes up Set 1012 into Basic Set 1013
Supplementary Kit No.	**1033**	**$ 29.95**	makes up Set 1013 into Basic Set 1014

1034
$ 95.00

SUPPLEMENTARY SETS
Extends Basic Set 1014 a stage further

Apart from the Supplementary Kits mentioned above, every MÄRKLIN Metal Construction Set can be expanded by extra parts if your Set does not contain sufficient of them for some model you wish to make. A separate list of these parts, as well as the actual parts themselves, can be obtained from every toyshop that deals in MÄRKLIN products.

ELECTRIC MOTORS

FOR USE WITH CONSTRUCTION SETS

These motors can be used to power any models that have been built with the MÄRKLIN Construction Set, and this will add much more pleasure and enjoyment to the model.

1071
$ 10.95



1071 ELECTRIC MOTOR, reversible, to run either forward or backward · No-load speed about 1500 r.p.m. · Runs on 16 volts from MÄRKLIN model railway transformer · Supplied complete with two cables · 2½″ high, 2″ wide and 2″ deep · Weight 7 oz.



1072
$ 19.95

1072 ELECTRIC MOTOR to run on 16 volts, with cables and switch for reversing the running direction · Two cord or spring band pulleys running in opposite directions at different speeds controlled by the transformer · No-load speeds about 3000 and 1100 r.p.m. · An extremely efficient motor, suitable for driving the largest models made up from the Construction Sets, as well as working models of all kinds · (We advise using only a Group 6100 transformer) · With three connecting plugs · 2⅓″ high, 3¾″ wide and 2½″ deep · Distance between pulley grooves 3½″ · Weight 23½ oz.

MÄRKLIN



Minex



I

HO

