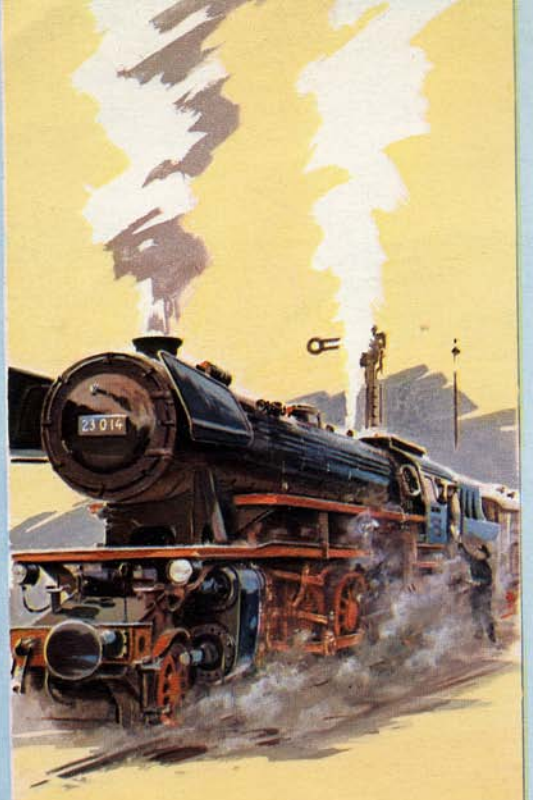
MÄRKLIN

57 E $



We regret we cannot supply customers direct from our Works. We reserve the right to alter our products; dimensions and weights are approximate only and are given without guarantee. This present Catalogue cancels all our previous ones.

GEBR. MÄRKLIN & CIE. GMBH

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MÄRKLIN

CATALOG REFUND COUPON 1957

50 cts.

We believe that every MÄRKLIN fan is entitled to a free catalog. However since the cost of producing the catalog is considerable, it has been necessary to charge the dealer for it. When the dealer whose name and address appear below credits you with 50 cts. on a purchase of $ 5.00 or more of MÄRKLIN equipment, this is his gift to you.

Valid until June 30, 1958

★ MÄRKLIN ★ MÄRKLIN ★ MÄRKLIN ★ MÄRKLIN ★

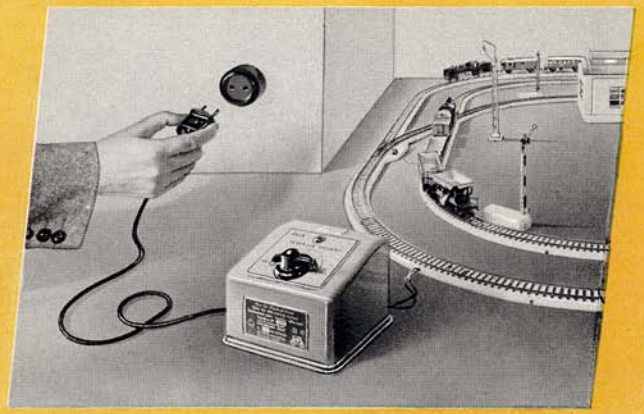
To all MÄRKLIN enthusiasts:

Skilled and experienced designers, making the best use of the latest engineering progress, have, for this year, again evolved models that we are sure will find your absolute approval.
The new 3021 diesel locomotive modelled from the German Federal Railways Class V 200 and the new 3018 electric locomotive, modelled on the Swedish State Railways Class Da, are both masterpieces, characteristically true to scale like the models that preceded them.
New rolling stock, track sections for the 5200 parallel circle, and many other accessories complete our novelties for this year.
Up to date production shops, using only selected materials, and the decades of experience behind skilled craftsmen, form the basis for MÄRKLIN's outstanding quality which is held in such high esteem throughout the world.
No other pastime is such a delight to the eye and ear, and at the same time offers such interesting amusement as a scale model MÄRKLIN railway set. The pleasure it provides can be enjoyed every day throughout the year—in rainy weather and in sunshine, in winter as well as summer, by either day or night, and new ways of fitting out the system, extending the track and adding to its accessories, will always be discovered.
Please take your choice!
You will be bound to find models that will be just what you have always wanted, and they will create new pleasures for you every day.

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

Before you buy a model railway, please consider

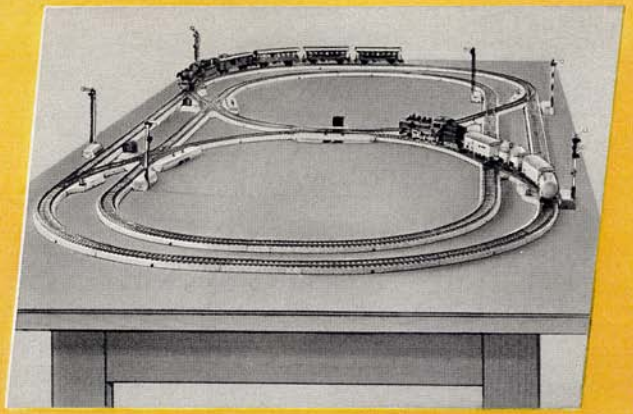
Why is this



QUESTION 1 — MÄRKLIN

Does an A.C. circuit offer any advantages? YES

Connecting up the railway and its accessories is simpler · The appliances required for the connection are cheaper · When running from one circuit into another there is no need to take any notice of polarity on the secondary side · The transformers can be regulated, thus providing specially slow running of the trains.



QUESTION 2 — MÄRKLIN

Can a railway system be laid out in a small space? YES

The large selection offered in points with curves of various radii and, more than anything else, the double slip points, enable a scale-model system to be built up in a very small space · Track scenes such as reversing loops and triangles can be carried out without any difficulty · Centre conductors obviate all complications as regards circuit technique · Multi-train working can also be carried on without an overhead wire.

QUESTION 5 — MÄRKLIN

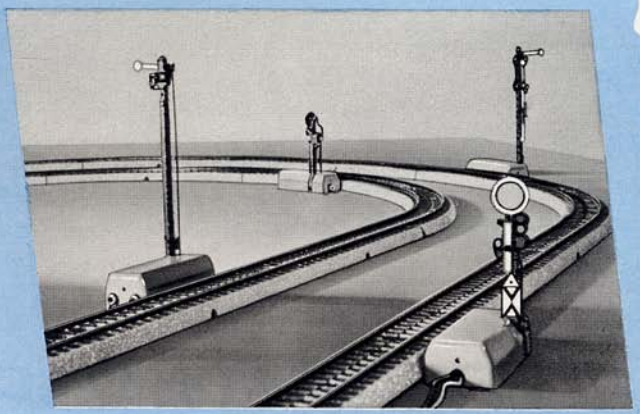
Is the rolling stock to the same scale as the locomotives? YES

H0 gauge rolling stock is made to match the scale the locomotives are built to, and are excellent models of their full-size prototypes · All-metal wheels giving a low centre of gravity provide a safeguard against derailment · Easy running; symmetrical automatic coupling · Practically all four-wheeled goods wagons are fitted with the "Advance" uncoupling gear (see page 28) · Arranged for fitting interior lighting · Large selection—more than fifty different models.

QUESTION 6 — MÄRKLIN

Can the signals be used universally? YES

The various types can be fitted to straight and curved track sections and on the right or lefthand side of the track · The block system that can easily be built up allows multi-train working to be carried out and at the same time provides safety against collisions · Precision manufacture guarantees durable operation · A great selection at advantageous prices—nine different types.



Now choose wisely

the advantages of the MÄRKLIN H0-Gauge sets important?

QUESTION 3 — MÄRKLIN

Have the track sections with centre stud contacts any advantages over the previous type? — YES

The great difference between a "toy" railway and a scale-model railway lies in the track · MÄRKLIN standard track sections with stud contacts comply with this scale model requirement · They combine the advantages of the three-rail track with the scale model appearance of the two-rail permanent way.

QUESTION 4 — MÄRKLIN

Are all the locomotives made to the same scale? — YES

All H0 Gauge locomotives are built to a scale of 1 to 87 (one 87th full size) and are scale model reproductions of their full-size originals that can hardly be surpassed · They have high tractive effort and are well able to tackle gradients easily · Reliable in operation and unbreakable construction · Large selection—twenty different types.

QUESTION 7 — MÄRKLIN

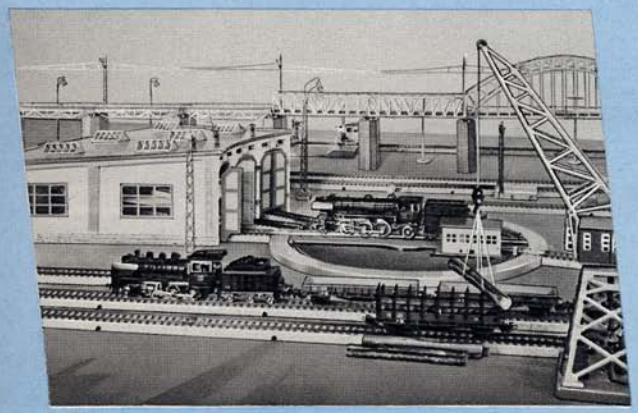
Does the MÄRKLIN range also provide an opportunity of fitting up a complete system? — YES

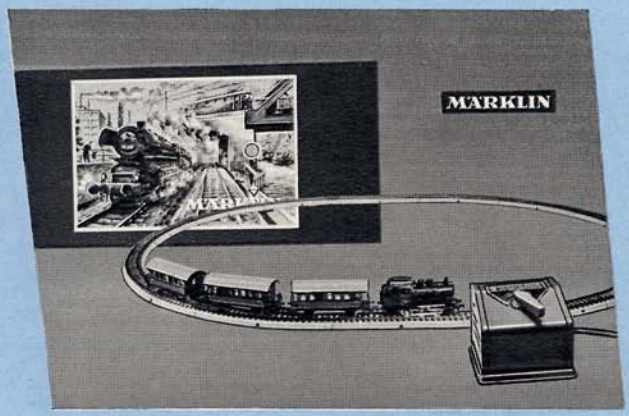
The delightful accessories lend a unique note to every MÄRKLIN railway system · True scale model locomotive depôts can be made up with turntables and running sheds, with the added pleasure of working a slewing crane, level crossings and flashing light indicators by remote control · The system can also be embellished by using the moderately-priced bridge and approach sections · The Catalogue shows you some more of the wide range of accessories.

QUESTION 8 — MÄRKLIN

Are MÄRKLIN prices within the reach of everyone? — YES

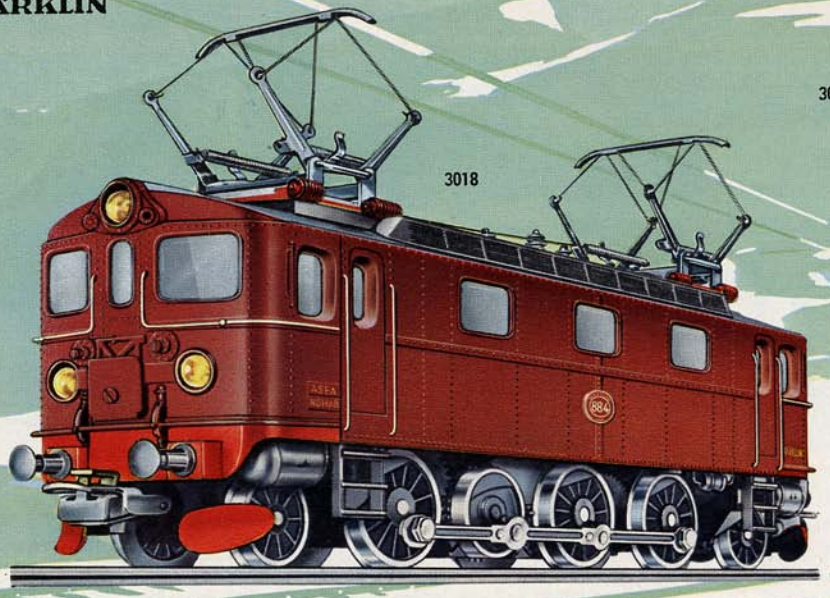
The MÄRKLIN range offers the right thing in every price class; locomotives can be had from $9.95; upwards, complete train sets from $18.50; transformers from $9.95; handoperated points from $4.00 per pair and electro-magnetically operated points from $9.00 per pair.





and you will choose MÄRKLIN

Two new interesting



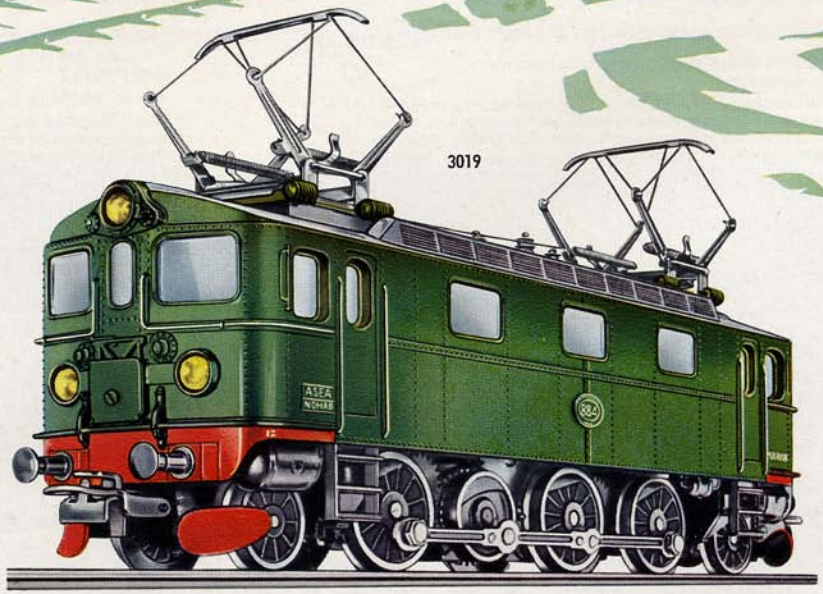
3018

3018 **$ 25.00** **Electric Locomotive** for mixed traffic, modelled on the Swedish State Railways Da Class · Ten-wheeled, 2-6-2 type, with three driving axles driven from a geared jackshaft · Remote control reversing gear with additional hand lever · Trucks are sprung to avoid any risk of derailment · Wheels on one driving axle fitted with plastic tyres · Specially high tractive effort · Three electric headlights front and rear switch over automatically when the engine reverses · Switch lever for optional overhead wire or track contact working; two sprung current collectors on roof · Brown all-metal casing with numerous details · Automatic couplings both ends · Length over buffers 5⅞ in., weight approximately 19 ozs.

3019 **$ 25.00**

Electric Locomotive for mixed traffic, similar to 3018, but finished in green

The Class D standard locomotives of the Swedish State Railways (Statens Jarnvagar) are often to be seen on the Swedish lines · The Class Da is the latest locomotive in this series and is used for both passenger as well as goods trains · Owing to the low axle weight of only 15 to 17 tons individual axles might possibly slip under heavy starting conditions, so that the engines are fitted with side rod drive.



3019

A Series 6000 transformer is required for this locomotive but if the trains are to have interior lighting, it is advisable to use a Series 6100 transformer

Fair Trade prices in US Dollars

A Series 6100 transformer is required (see page 34)

The V 200 diesel locomotive is being adopted more and more by the German Federal Railways to replace steam engines. The V 200 is a diesel-hydraulic locomotive with two engines each developing 1000 H. P. It is built for a maximum speed of approximately 88 m. p. h. (140 kilometres per hour) and is used chiefly for express services.

3021 **$ 22.00**

Diesel Locomotive, modelled on the German Federal Railways Class V 200 · Eight-wheeled 0-4-4-0 type · Both axles of the rear bogie are driven · Remote control reversing gear with additional hand lever · Plastic tyres on driving wheels, giving a particularly high tractive effort · Two electric headlights front and rear automatically switch over when the locomotive reverses · Red/blue/black all-metal casing with numerous details · Silver roof · Windows with cellon panes · Automatic couplings both ends · Length over buffers 8³/₈ in., weight aproximately 19 ozs.

Fair Trade prices in US Dollars

Tank Engines with a high tractive effort

3000

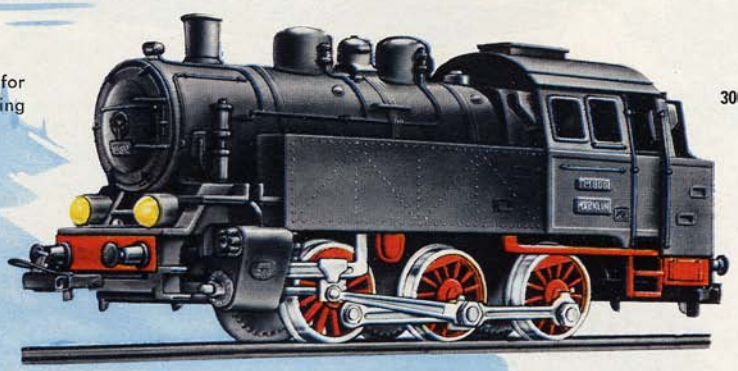
3000 **$ 9.95**
Tank engine, modelled on the German Federal Railways Class 89 · Six-wheeled 0-6-0 type, reversing by remote control with additional hand lever · Tractive effort and climbing ability enhanced by plastic tyres on the rear driving wheels · Specially low-geared motor with highly-durable gearing also gives slow running · Two electric headlights · Dull black unbreakable plastic casing; cast metal frame · Accurate replicas of the boiler fittings, cab, coal bunker and water tanks · Strong coupling hooks both ends · Length over buffers 4³/₈ in., weight approximately 7 ozs.

Engines of this type have gained numerous adherents owing to their many and varied uses for both passenger and goods train services, and especially for shunting in marshalling yards and so on, as well as their attractive appearance and the ease of placing them on the track. Their ability to negotiate curves easily, high performance and harmonious design are the special attributes of these models.

These engines require a Series 6000 transformer for working them, but for trains with interior lighting transformers of the 6100 series should be used.

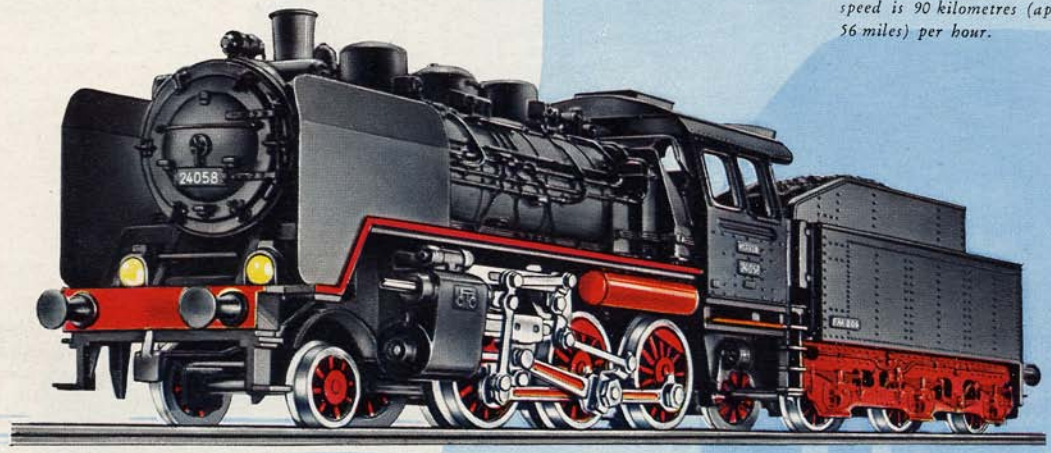
3004 **$ 17.50**
Tank engine, modelled on the German Federal Railways Class 80 · Six wheeled 0-6-0 type · Remote control reversing with additional hand lever · Plastic tyres on rear driving wheels giving exceptional tractive effort · Two electric headlights · Dull black all-metal casing with fine replicas of the boiler fittings · Automatic couplings both ends · Length over buffers 5¹/₄ in., weight approximately 15 ozs.

3004



An indestructible model

Class 24 is a German Federal Railways' standardised locomotive used chiefly for hauling passenger trains over long secondary or branch lines. With its great fuel-carrying capacity this locomotive is more suitable for running over secondary lines—often of considerable length—than tank engines. Moreover, the Class 24 is also used as a goods engine for taking smaller loads over main lines and branch lines with not too severe gradients. Its maximum speed is 90 kilometres (approximately 56 miles) per hour.



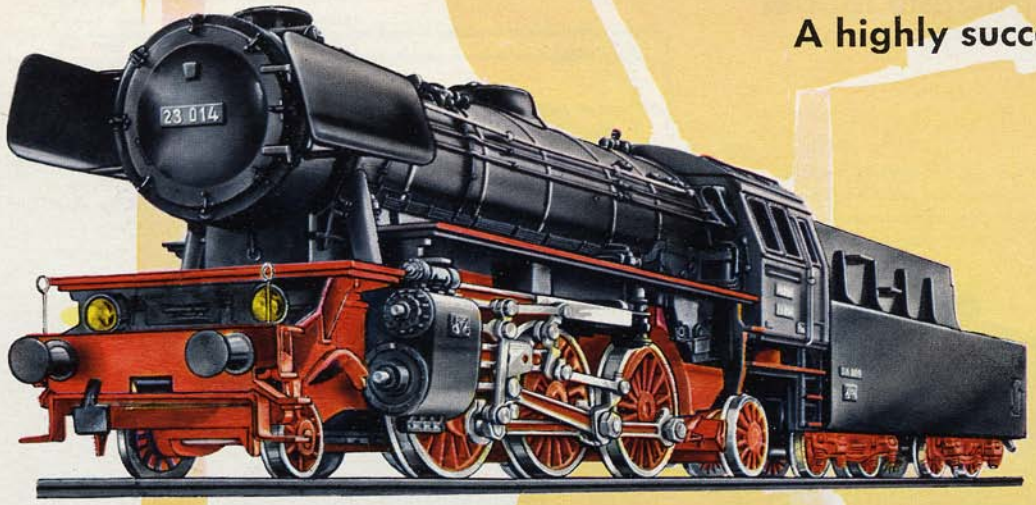
3003 $17.00

Passenger engine with tender, modelled on the German Federal Railways Class 24 locomotive · Eight-wheeled, 2-6-0 type; remote control reversing with additional hand lever; Heusinger valve motion · The truck is sprung on to the track to avoid risk of derailment · Full coupling facilities at each end of the locomotive; plastic tyres on the rear driving wheels to increase the tractive effort · Specially low-geared motor; two electric headlights · Dull black indestructible plastic casing with accurate scale model replicas of the boiler fittings of the full-size prototype; die-cast zinc frame · Tender close-coupled to the engine · Fully-detailed reproduction of the riveted six-wheeled tender · Length over buffers 8 in., weight approximately 11 ozs.

This model requires a 6000 Series transformer (see page 34) though with trains to light up it is advisable to use a 6100 Series transformer

Fair Trade prices in US Dollars

A highly successful model



This model requires a Series 6000 transformer (see page 34), but a Series 6100 transformer is advisable for trains with interior lighting

3005 $ 23.50

Passenger engine with separate tender, modelled on the German Federal Railways Class 23 prototype; ten-wheeled 2-6-2 type; remote control reversing with additional hand lever · Heusinger (Walschaerts) valve motion · Both pony trucks sprung on the track to avoid any risk of derailment and provide good running on curves · Coupling hooks fitted to the trucks, giving full coupling facilities at the front end also · Plastic tyres on rear driving wheels increase the tractive effort · Specially low-geared motor · Two electric headlights · Strong, dull black all-metal casing with accurate scale model reproductions of the boiler fittings and all-over cab of the fullsized original · Cast metal frame · The tender, close-coupled to the engine, is a faithful reproduction of the welded tender of the original running on two bogies · Automatic coupling and numerous details · Length over buffers 9¾ in. · Weight, including tender, approximately 19½ ozs.

The German Federal Railways Class 23 locomotives are employed on hauling medium and heavy passenger trains, fast stopping trains and light express and goods trains. Engine and tender are both of the latest welded construction and their design is so good that the engines are permitted to run at 110 kilometres (about 70 miles) per hour forwards and at 85 kilometres (about 53 miles an hour) in reverse. As this type of engine can be run at such high speed in reverse, it is also frequently used for heavy suburban and inter-urban traffic, in place of tank engines.

Fair Trade prices in US Dollars

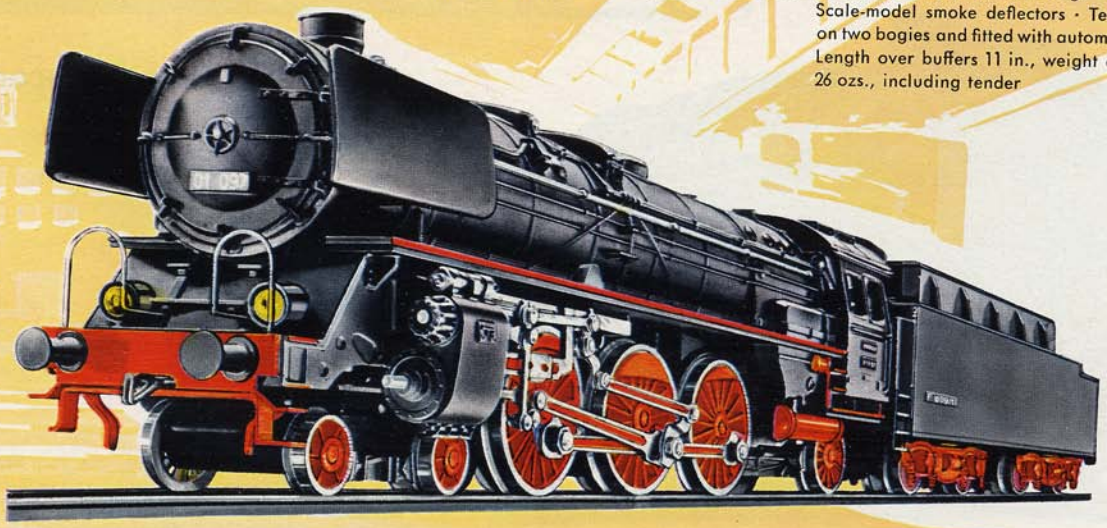
A super-model for the H0 gauge railway

This engine is one of the finest MÄRKLIN models and represents a real scale model reproduction of the German Federal Railways Class 01 express locomotive—a type notable for its fine appearance and high performance. Truly a model that no system should be without.

A transformer of the 6100 series is required

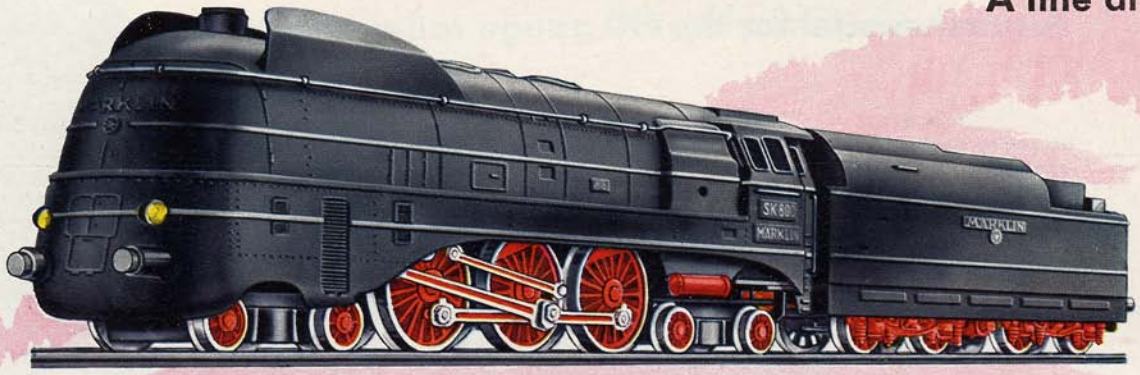
3008 **$ 33.00**

Express locomotive with tender, modelled on the Class 01 of the German Federal Railways · Twelve-wheeled 4-6-2 type · Remote control reversing with additional hand lever; Heusinger valve motion · Leading bogie and trailing pony truck are sprung on to the rails to avoid all risk of derailment · Runs well on curves · Plastic tyres on rear driving wheels; high tractive effort and climbing ability; specially low-geared motor · Two electric headlights · Strong dull black all-metal casing with accurate reproduction of the boiler fittings and cylinders · Scale-model smoke deflectors · Tender mounted on two bogies and fitted with automatic coupling · Length over buffers 11 in., weight approximately 26 ozs., including tender



A fine and

Requires
a Group 6100
transformer

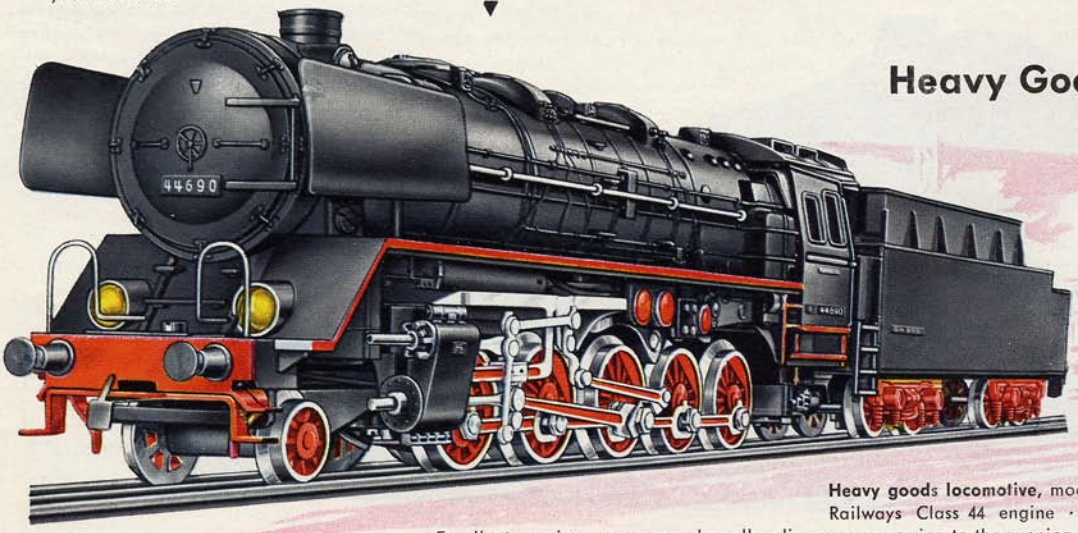


The steadily increasing long-distance goods traffic on the non-electrified sections of the German Federal Railways is hauled principally by the very powerful Class 44 engines, and that is just the reason why this particular type of locomotive is met with so very frequently on the main lines of the full-sized railway, where it arouses the interest and wonderment of all railway enthusiasts. Its pleasing appearance and massive design especially were the reasons that induced us to model this very fine locomotive.

3007 $ 39.00

Streamline express locomotive with tender; fourteen-wheeled 4-6-4 type · Remote control reversing with additional hand lever · Plastic tyres on rear driving wheels to increase the tractive effort · Bogies have spoked wheels and are sprung to prevent derailment · Specially low-geared motor · Two electric headlights · Strong all-metal streamlined casing, dull black with silver stripes · Double bogie tender with automatic coupling · Length over buffers 11½ in., weight approximately 32 ozs., including tender

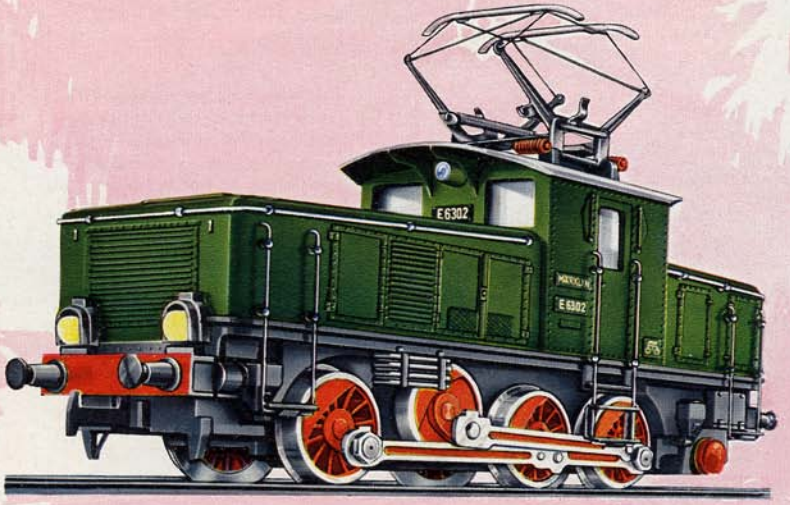
Heavy Goods Locomotive



3009 $ 47.50

Heavy goods locomotive, modelled on the German Federal, Railways Class 44 engine · Twelve-wheeled 2-10-0 type · Excellent running — even round small-radius curves — owing to the running gear being divided up into two separate groups of driving wheels · Remote control reversing with additional hand lever on the locomotive casing · Heusinger valve motion · Plastic tyres on rear driving wheels to increase tractive effort and climbing ability · All driving axles are driven and all wheels have flanges · Front pony truck is sprung to prevent derailment · Front coupling hook fixed to pony truck, giving full coupling facilities · Runs very easily round curves · Specially low-geared motor also provides very slow running speeds · Two electric headlights · Strong, all-metal housing, dull black, with scale model reproduction of all boiler fitting details · Scale model smoke deflectors · Eight-wheeled tender on bogies with automatic coupling · Length over buffers 11 in.; weight approximately 29 ozs., including tender

much-admired design



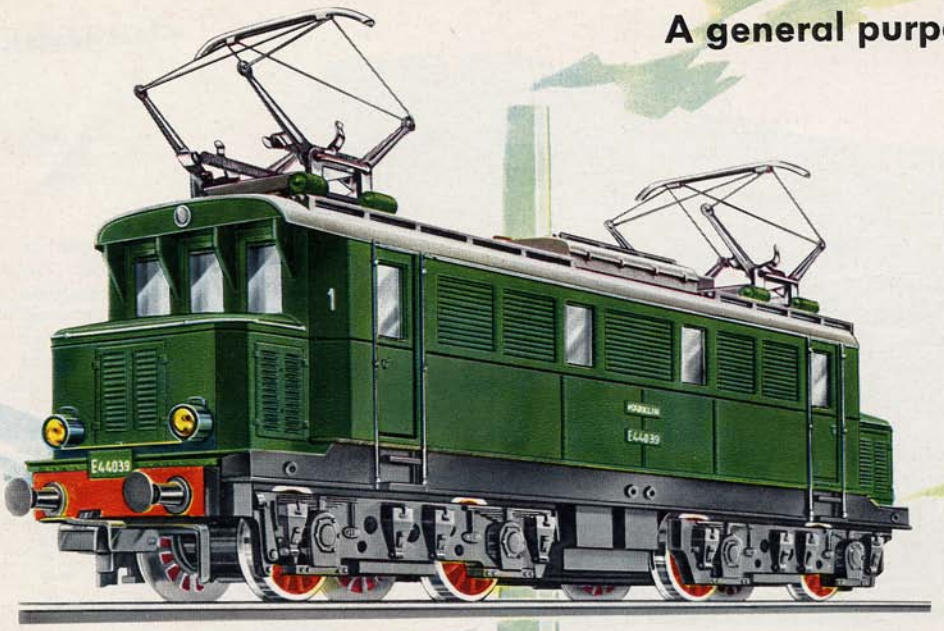
3001 $14.95
Electric shunting locomotive, modelled on the German Federal Railways Class E 63 engine · Six-wheeled 0-6-0 type · Gear-driven jackshaft; remote control reversing with additional hand lever · Plastic tyres on the rear driving wheels give increased tractive effort and climbing power · Slow running is provided by the specially low-geared motor with its durable gearing · Two electric headlights at either end automatically switch over when the engine reverses · Switch lever for optional overhead wire or track contact working, with special easily-sprung current collector · Green unbreakable plastic casing with separately mounted hand rails and numerous details · Cast metal frame · Windows with cellon panes · Strong coupling hooks at both ends · Length over buffers 4¾ in., weight approximately 8¾ ozs.

These models require a Series 6000 transformer (see page 34), but if the trains are to light up, the use of a transformer of the 6100 Group is advisable

3002 $14.95
Electric shunting locomotive, similar to No 3001, but finished in brown colour

Fair Trade prices in US Dollars

A general purposes Locomotive



The models on pages 12 and 13 require a Series 6000 transformer (see page 34), though it is advisable to use a Series 6100 transformer if the trains are to light up

3011 $ 23.50

Electric locomotive for general use · Eight-wheeled, with the two inner axles driven by the motor · The two outer axles are mounted in pony trucks for greater freedom on curves · The axle arrangement is such as to give the impression of the 0-4-4-0 layout of the full-sized original—the German Federal Railways Class E 44 · Remote control reversing with additional hand lever · Plastic tyres on wheels of one driving axle · Especially high tractive effort · Two electric headlights front and rear switch over automatically when the locomotive reverses · Switch lever for optional working from overhead traction wire or rail contact · Two sprung current collectors on roof · Finely-finished green all-metal casing with numerous details · Windows with cellon panes · Automatic couplings both ends · Length over buffers 6⅝ in., weight approximately 25 ozs.

Fair Trade prices in US Dollars

Splendid reproductions of locomotives of Western European countries

The prototype of locomotive No 3013 is engaged on the express services of the Netherlands Railways in Holland, and that of locomotive No 3012 is to be found in France.

3012

3013

3013 $ 31.00

Electric express locomotive · Eight-wheeled, with the same axle arrangement as No 3011 · Remote control reversing with additional hand lever · Wheels on one driving axle fitted with plastic tyres; specially high tractive effort · Two electric headlamps front and rear that automatically change over when the engine reverses · Switch lever for optional overhead traction wire or track contact working · Two sprung current collectors on roof · Blue all-metal casing with silver stripes and side porthole windows with cellon panes · Automatic couplings at both ends · Length over buffers 6⅜ in., weight approximately 25½ ozs.

3012 $ 31.00

Electric locomotive as 3013, but finished in green

Fair Trade prices in US Dollars

The favourite Swiss locomotive

The full-size prototypes—the Class Re 4/4 locomotives—are used in Switzerland for hauling the well-liked lightweight express trains. This type is one of the most outstanding locomotives, either individually or collectively, and its successful reproduction in miniature will greatly add to any model system. No 3014 will give as sensational a performance on the miniature railway as its big prototype on the real one.

3014 **$ 32.00**

Electric locomotive, eight-wheeled, with the wheel arrangement as No 3011 · Remote control reversing with additional hand lever · The wheels on one driving axle have plastic tyres to give a specially high tractive effort · Three electric headlights front and rear automatically switch over when the locomotive reverses · Switch lever for optional overhead traction wire or track contact working · Two spring-mounted current collectors on roof · Green all-metal casing with numerous details · Cellon panes to windows · Automatic couplings both ends · Length over buffers 6½ in., weight approximately 23 ozs.

A Series 6000 transformer is required for this locomotive, but if the trains are to light up, a Series 6100 transformer is advisable

Fair Trade prices in US Dollars

Heavy electric goods locomotive

MÄRKLIN

This masterpiece in miniature is a true reproduction of its internationally-famous prototype (the Class Ce 6/8), used for hauling heavy goods trains over the numerous winding curves and persistent gradients of the St. Gotthard line. This engine is one of the most distinctive and finest models of the Swiss Federal Railways.

A transformer of the 6100 Group is required (see page 34)

3015 $60.00

The "Crocodile" electric goods locomotive · Sixteen-wheeled 2-6-6-2 type · Its articulated design enables it to negotiate curves of normal radius quite easily · Remote control reversing with supplementary hand lever · The truck wheels are safe from derailment, being kept down on to the rails by springs · Extra powerful motor with specially low reduction gear · Three electric headlights front and rear lights that change over automatically · Switch lever for optional overhead traction wire or track contact working: two sprung current collectors on roof · Green all-metal casing with numerous details; cellon panes to windows; automatic couplings both ends · Length over buffers 10½ in., weight approximately 34 ozs.

An exceptionally powerful twin locomotive

As the description "twin locomotive" implies, this is a model of a type having exceptional capabilities. All axles are driven by cardan shafts, and current collectors need only a few turns to be screwed to the roof, so that this model can also be used as an electric locomotive.

3010 **$ 65.00**

Twin locomotive with electric drive · Twelve-wheeled, with the 0-4-4-4-0 wheel arrangement using a Jacobs truck · Remote control reversing with additional hand lever · Plastic tyres · An exceptionally powerful motor driving all six axles gives an outstanding tractive effort · Three electric headlights at each end change over automatically when the engine reverses · Switch lever for optional overhead traction wire or track contact working · Two current collectors supplied with the engine, but not fixed · Cellon panes to all windows · Strong reddish-brown all-metal casing with numerous details; low centre of gravity giving great security against derailment · Automatic couplings both ends · Length 16¾ in., weight approximately 40 ozs.

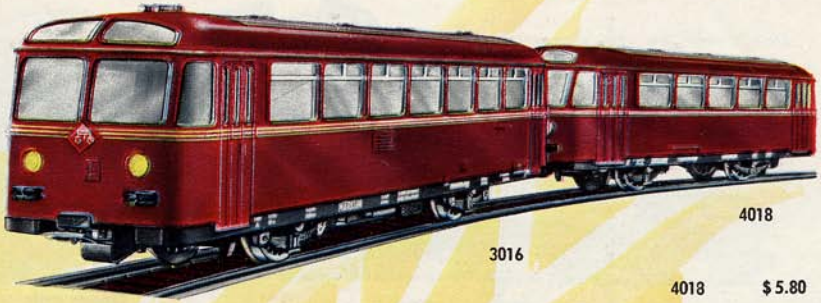
A Series 6100 transformer is required (see page 34)

MÄRKLIN

Railbus with trailer

3016 **$14.70**

Railbus, four-wheeled; remote control reversing with additional hand lever · Plastic tyres on driving wheels · Lights at both ends with two bulbs for interior lighting · Red, unbreakable plastic bodywork with numerous details · Cast metal frame with fine plastic reproductions of the axle boxes, springs and rail guards · Cellon panes to all windows · New type symmetrical couplings at both ends for special close-coupling to other vehicles · Length over buffers 5⅞ in., weight approximately 10 ozs.



A Group 6000 transformer is required for this model (see p. 34)

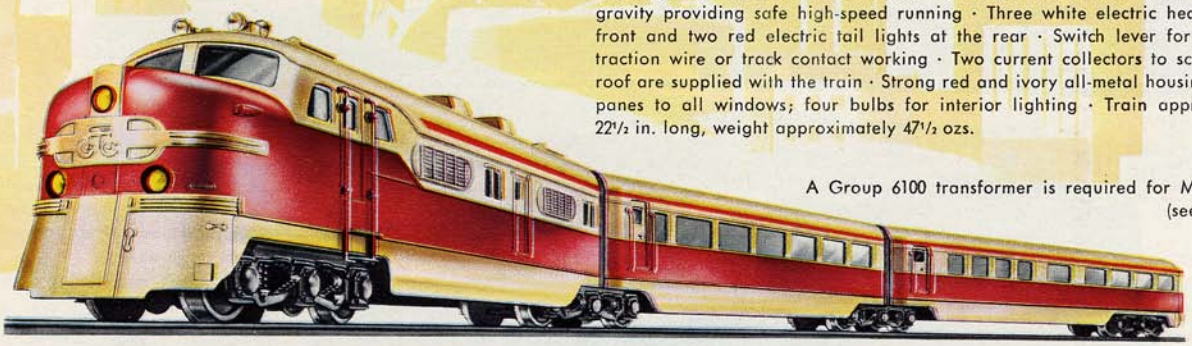
4018 **$5.80**

Railbus trailer · Sheet steel frame with fine plastic reproductions of the axle boxes, springing and rail guards; plastic bodywork with numerous details; cellon panes to all windows · Red tail lights at both ends with one bulb for interior lighting; pick-up shoe for lighting current · Special symmetrical coupling to fit railbus only · Length over buffers 4¾ in., weight approximately 3 ozs.

Diesel-Express

3017 **$75.00**

Railcar Flyer Train · A three-unit train running on sixteen wheels in four bogies, the inner ones each supporting two coaches Jacobs type trucks) · Remote control reversing with additional hand lever · Extra powerful motor · Low centre of gravity providing safe high-speed running · Three white electric headlights in front and two red electric tail lights at the rear · Switch lever for overhead traction wire or track contact working · Two current collectors to screw on to roof are supplied with the train · Strong red and ivory all-metal housing · Cellon panes to all windows; four bulbs for interior lighting · Train approximately 22½ in. long, weight approximately 47½ ozs.



A Group 6100 transformer is required for Model 3017 (see page 34)

Fair Trade prices in US Dollars

Railway sets at special popular prices

Despite their low cost, these train sets are among the best models we make. These railway sets are such bargains as to enable MÄRKLIN railways to be purchased without the need for any great outlay.

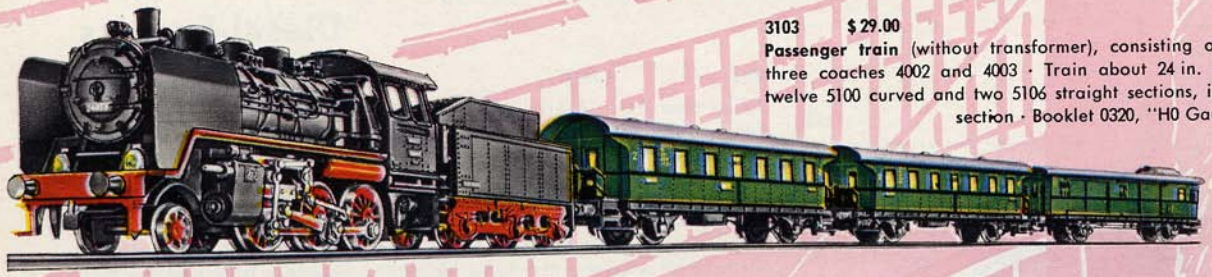
3100 $18.50
Passenger train (without transformer), consisting of 3000 locomotive, three 4000 coaches · The train is 19 in. long and the track comprises twelve 5100 curved and two 5106 straight sections, including the current feeder section

3100

3200 $20.50
Goods train (without transformer), consisting of 3000 locomotive and three plastic goods wagons · Train 16¾ in. long; track comprises twelve 5100 curved and two 5106 straight sections, including the current feeder section

3200

3103 $29.00
Passenger train (without transformer), consisting of locomotive 3003 and three coaches 4002 and 4003 · Train about 24 in. long · Track comprises twelve 5100 curved and two 5106 straight sections, including current feeder section · Booklet 0320, "H0 Gauge Track Layout Plans"



3103

3203 $28.00
Goods train (without transformer), consisting of locomotive 3003 and three plastic goods wagons · Train about 21 in. long · Track comprises twelve 5100 curved and two 5106 straight sections, including current feeder section, with Booklet 0320, "H0 Gauge Track Layout Plans"

3203

Fair Trade prices in US Dollars

Train sets complete with oval track but without transformers

3201

3201 $ 26.00
Goods train (without transformer), consisting of 3001 locomotive with three plastic goods wagons · Train 17½ in. long · Track comprises twelve 5100 curved and two 5106 straight sections, including the current feeder section, and Booklet 0320, "H0 Gauge Track Layout Plans"

3101

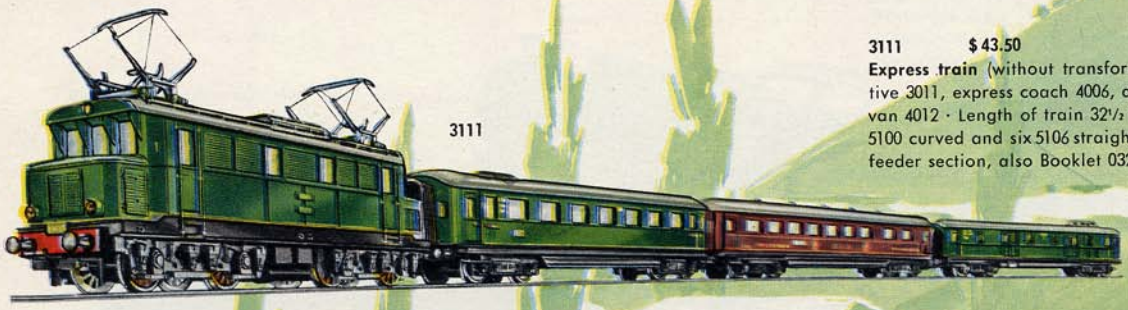
3101 $ 27.00
Passenger train (without transformer), consisting of locomotive 3001 and three coaches 4002 and 4003 · Train is 22 in. long · Track comprises twelve 5100 curved and two 5106 straight sections, including current feeder section, and Booklet 0320, "H0 Gauge Track Layout Plans"

3105

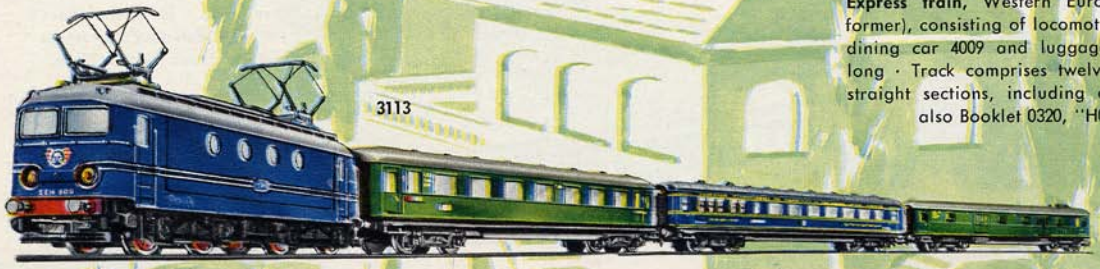
3105 $ 43.50
Express train (without transformer), consisting of locomotive 3005, express coach 4006, dining car 4008 and luggage van 4012 · Length of train 36 in. · Track comprises twelve 5100 curved and six 5106 straight sections, including current feeder section, also Booklet 0320, "H0 Gauge Track Layout Plans"

The trains shown on pages 18 and 19 need transformers of the 6000 Group, though if the trains are to light up, it is advisable to use transformers of the 6100 Group

Some more complete train sets



3111 **$ 43.50**
Express train (without transformer), consisting of locomotive 3011, express coach 4006, dining car 4008 and luggage van 4012 · Length of train 32½ in. · Track comprises twelve 5100 curved and six 5106 straight sections, including current feeder section, also Booklet 0320, "H0 Gauge Track Layout Plans"



3113 **$ 51.00**
Express train, Western European type (without transformer), consisting of locomotive 3013, express coach 4006, dining car 4009 and luggage van 4012 · Train 32½ in. long · Track comprises twelve 5100 curved and six 5106 straight sections, including one current feeder section, also Booklet 0320, "H0 Gauge Track Layout Plans"

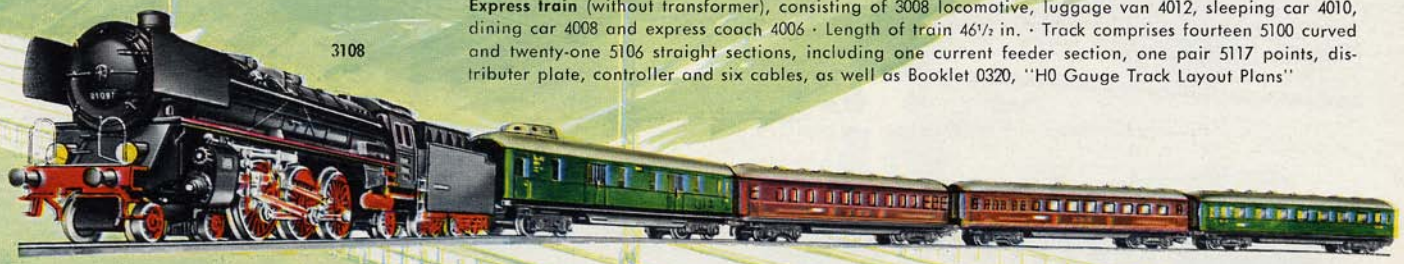
3114 **$ 56.50**
Swiss Lightweight express train (without transformer), consisting of locomotive 3014, lightweight express coach 4015 with sliding doors; lightweight express dining car 4016 and luggage van 4017 · The train is 33 in. long · Track comprises twelve 5100 curved and six straight 5106 sections, including one current feeder section, also Booklet 0320, "H0 Gauge Track Layout Plans"

Train sets with oval tracks, ready to run, but without transformers

These sets make it easy for the MÄRKLIN enthusiasts to choose the kind of train he wants. The track material required is also mentioned, and the accessories as well, all make purchase easier; extensions to the system can be carried out entirely as one's tastes desire, the wide variety of MÄRKLIN products setting no limits to expansion.

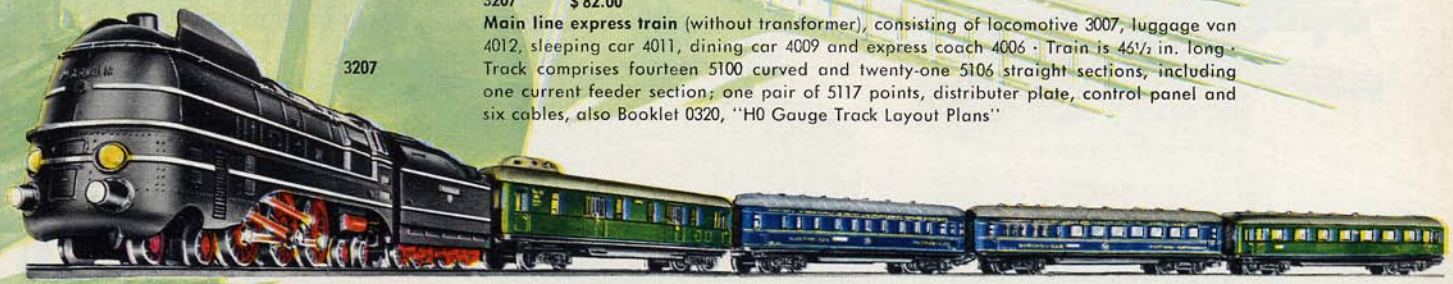
3118

3118 **$ 45.00**
Swedish express train (without transformer), consisting of locomotive 3018, two 4020 express coaches and 4021 luggage van · Train 34½ in. long · Track comprises twelve 5100 curved and six 5106 straight sections, including one current feeder section, and also Booklet 0320, "H0 Gauge Track Layout Plans"



3108

3108 **$ 76.00**
Express train (without transformer), consisting of 3008 locomotive, luggage van 4012, sleeping car 4010, dining car 4008 and express coach 4006 · Length of train 46½ in. · Track comprises fourteen 5100 curved and twenty-one 5106 straight sections, including one current feeder section, one pair 5117 points, distributer plate, controller and six cables, as well as Booklet 0320, "H0 Gauge Track Layout Plans"



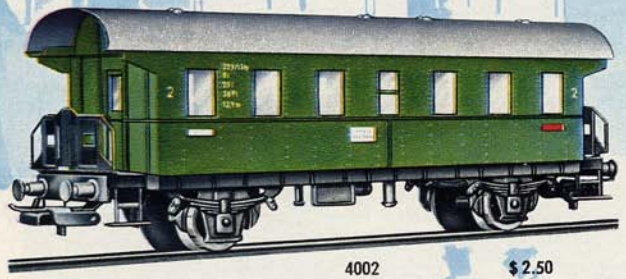
3207

3207 **$ 82.00**
Main line express train (without transformer), consisting of locomotive 3007, luggage van 4012, sleeping car 4011, dining car 4009 and express coach 4006 · Train is 46½ in. long · Track comprises fourteen 5100 curved and twenty-one 5106 straight sections, including one current feeder section; one pair of 5117 points, distributer plate, control panel and six cables, also Booklet 0320, "H0 Gauge Track Layout Plans"

Passenger coaches made of finely printed sheet steel and fitted with automatic couplings

4000 **$1.50**

Passenger carriages with entrance from platforms at either end; dark green, grey roof, length 4⅝ in.



4002 **$2.50**

Passenger carriages with entrance from end platforms

4004 **$4.25**

Without brakesman's cabin

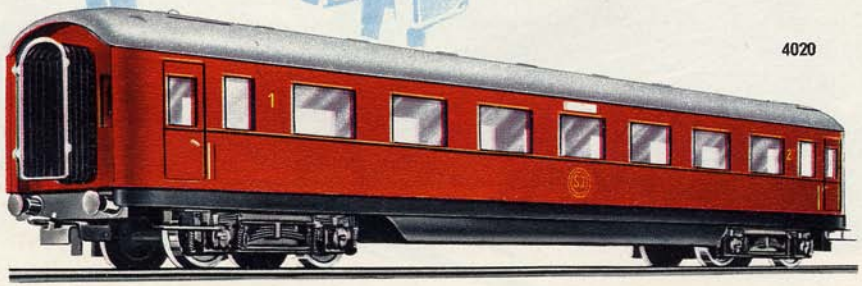
4003 **$2.50**

Luggage van with sliding doors both sides and roof lookout for guard's compartment

Standard type of coach with all details faithfully reproduced · Fittings for interior lighting · Cellon panes to all windows · Dark green, with grey roof · Numerous inscriptions and markings · Length of coach over buffers 5⅜ in.

4005 With brakesman's cabin **$5.00**

Compartment coach, six-wheeled, with sides divided up into six compartments; equipped for fitting interior lighting · Dark green with grey roof; numerous markings · Length over buffers 5¼ in.



4020

Fair Trade prices in US Dollars

Swiss Federal Railways lightweight express coaches

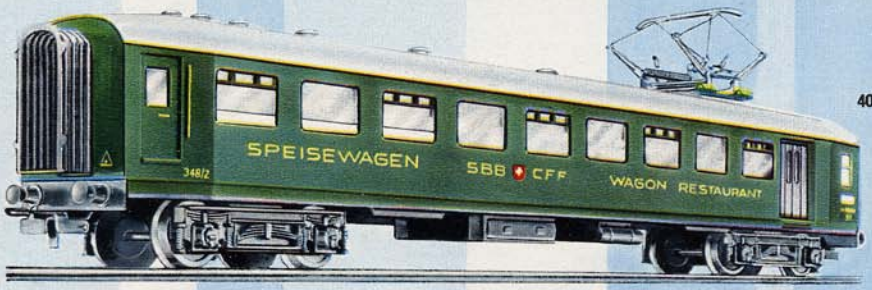
All-metal coaches

All coaches on this page are fitted with **automatic couplings** and fittings for interior lighting ·

4015

4015 $6.25

Lightweight express coach, eight-wheeled, modelled on the Swiss Federal Railways (SBB) prototype · Bogies fitted with movable side cheeks to compensate for track unevenness · Two double sliding doors each side opened and closed by a knob in the roof to turn · Cellon panes for all windows · All details reproduced (concertina vestibule connections, footboards, battery boxes) also inscriptions and markings · Dark green, with silver grey roof · Length over buffers 8³/₈ in.



4016

4016 $6.25

Dining car, with current collector on roof for use for the car lighting · Ventilated windows and roof ventilators; concertina vestibule connections; kitchen windows have ground glass panes; battery boxes · Dark green, yellow lettering, silver grey roof · Length over buffers 8³/₈ in.

4017

4017 $6.25

Luggage van; sliding doors at sides, barred windows · Numerous details reproduced · Dark green, silver grey roof, yellow lettering · Length over buffers 8³/₈ in.

For the tail lights for these coaches see page 37

Swedish State Railways' express coaches

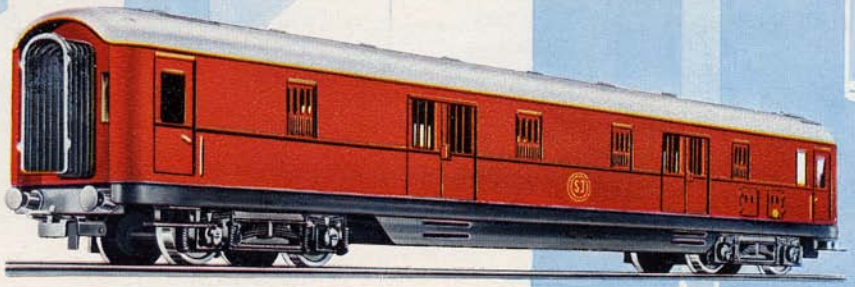
All-metal coaches

4020 $4.50

Express coach, eight-wheeled; a reproduction of the Swedish State Railways' coach · Detachable roof; real windows with cellon panes · Brown, grey roof · Length over buffers 8¹/₄ in.

4021 $5.35

Express luggage van · A reproduction of the Swedish State Railways' van · Barred windows, two double sliding doors either side · Brown, grey roof · Length over buffers 8¹/₄ in.



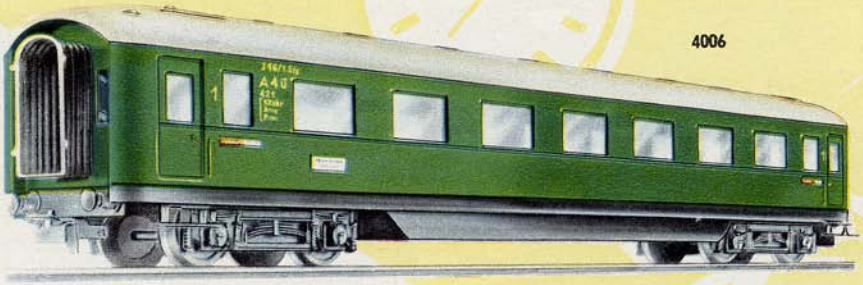
4021

Fair Trade prices in US Dollars

All-metal express coaches

All coaches have **automatic couplings** and are equipped for fitting interior lighting

4006



4006 $4.50

Express coach, eight-wheeled; detachable roof, real windows with cellon panes · Dark green, grey roof · Length over buffers 8 in.

4007 $7.30

Express coach, as 4006, but with tail lights and current collector

4008 $4.50

Dining car, eight-wheeled · Reproduction of the German Sleeping Car Co's. car (DSG) · Wine red, yellow lettering, grey roof · Length over buffers 8 in.

4008

4009 $4.50

Dining car, as 4008, but modelled on the International Sleeping Car Co's. stock (ISG) · Blue, yellow lettering, grey roof

4012

4012 $5.35

Express luggage van · Barred windows; two double sliding doors each side · Dark green, yellow lettering, grey roof · Length over buffers 8 in.

Fair Trade prices in US Dollars

MÄRKLIN

The model coaches depicted here are reproductions of long-distance eight-wheeled bogie stock. Finely printed sheet steel bodywork in true colours. Bogies with movable side cheeks to compensate for track irregularities. Very free-running on curves. Concertina vestibule connections. Detachable roofs. Real windows with cellon panes. The length of these express coaches will enable them to travel over even the small circles of rails.

4014

4014 $4.50

German Federal Railways' **long-distance express coach,** eight-wheeled · Blue with silver roof and lettering · Length over buffers 8 in.

4011

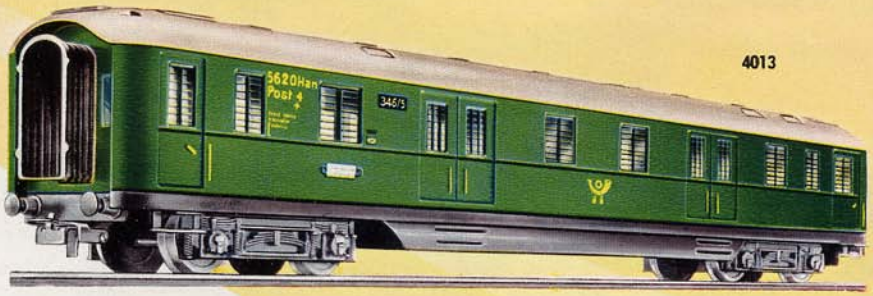
4011 $4.50

Sleeping car, eight wheeled · Reproduction of the International Sleeping Car Co's. coach (ISG) · Blue, yellow lettering, grey roof · Length over buffers 8 in.

4010 $4.50

Sleeping car, as No 4011, but modelled on the German Sleeping Car Co's. car (DSG) · Wine red, yellow lettering, grey roof

4013



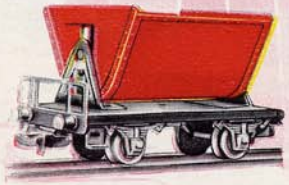
4013 $5.35

Express mail van, barred windows, stamped double doors, eight roof lights · Green with yellow lettering, grey roof · Post horn mail service marking · Length over buffers 8 in.

Fair Trade prices in US Dollars

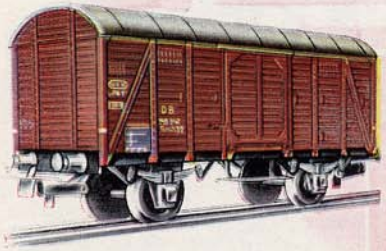
Goods wagons with plastic bodywork and automatic couplings

Trucks on pages 26 and 27 have sheet steel frames. Enamelled. Plastic bodywork (except 4512 and 4516). Die-cast metal wheels. Lengths given are measured over buffers. All trucks can easily be used with those fitted with the "Advance" uncoupler.



4513 $1.65

Tipping truck, red, to empty either side; with locking gear · Length 3³/₈ in.



4505 $2.15

Goods van, brown, grey roof; length 4 in.

4508 $1.95

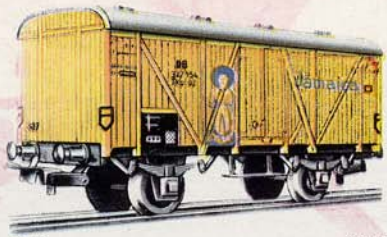
Refrigerated van, white, with red lettering · Imitation ventilators on roof · Length 4 in.

4511 $2.80

Pulverised coal wagon · Two pulverised coal containers, with fillers, connected by a gangway · Ladders both sides; length 4 in.

4507 $2.25

Goods van, brown, grey roof; with diagonal lettering; length 4 in.

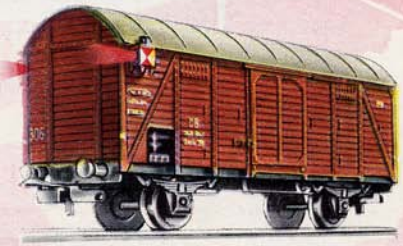


4509 $2.15

Banana van, with picture of a banana picker · Yellow, blue lettering, white roof · Length 4 in.

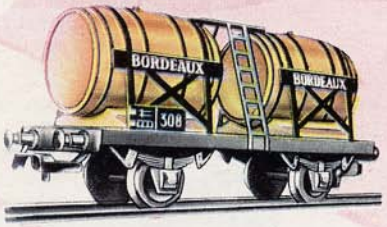
4504 $1.95

Low-sided truck, brown, laden with miniature Ford "Taunus" car, 12 M; length 4 in.



4506 $3.50

Goods van, brown, grey roof; with finely modelled tail lights at the sides and to light up · With current pick-up · Length 4 in.



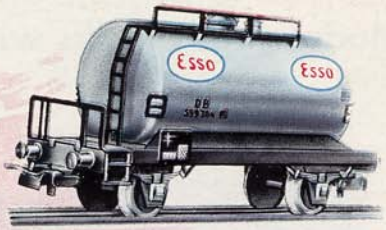
4510 $2.70

Wine truck, with two casks and steps on both sides · Light brown casks lettered "BORDEAUX" · Length 4 in.

Fair Trade prices in US Dollars

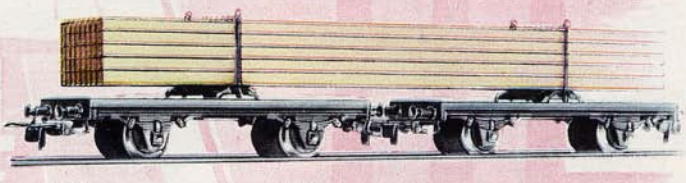
4503 $1.50
Low-sided truck, brown, length 4 in.

4502 $2.50
Petrol tank wagon, "SHELL", yellow · Gangway with ladder and filling connections · Length 4 in.



4501 $2.50
Petrol tank wagon, "ESSO", silver · Gangway with ladder and filling connections · Length 4 in.

4500 $2.50
Petrol tank wagon, "ARAL", silver · Gangway with ladder and filling connections · Length 4 in.

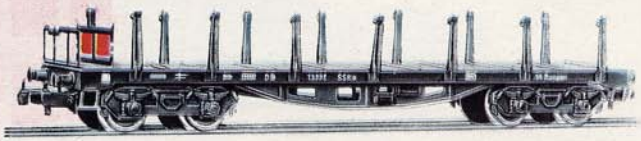


4512 $4.75
Timber truck, laden with baulks of timber · All-metal truck · Black; two units · Length 7⅝ in.

4517
Tilt truck, eight-wheeled · Brown, with white sheet · Length 7¼ in. $3.50

4514 **Low-sided truck,** eight-wheeled · Brown · Length 7¼ in. $2.50

4515
Low-sided truck, eight-wheeled · Brown · Laden with two "Mercedes" lorries · Length 7¼ in. $3.95



4516 **Stanchion truck,** eight-wheeled · Sheet steel body · Length 7¼ in. $3.50

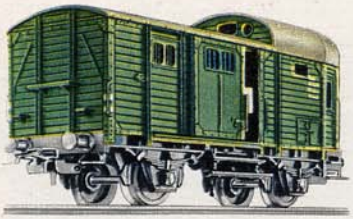
Fair Trade prices in US Dollars

Model goods trucks with the ideal "Advance" uncoupler

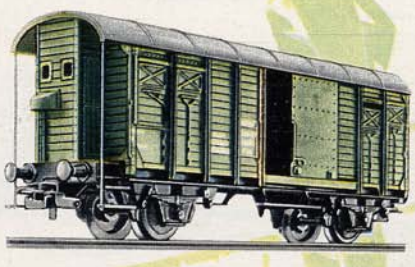
The lower parts of the trucks are zinc-base die castings, with plastic bodies. Special scale model reproduction of all details. Very easy running. The new "Advance" uncoupler enables the couplings to stay uncoupled, even after the rail uncoupling device has operated, and this can also be done going up the ascending side of the marshalling hump. The new design of coupling will not re-engage, and so the trucks can be shunted at any part of the system desired. All trucks with the "Advance" uncoupler can be used with existing trucks without difficulty.

4606 $ 3.00
Low-sided truck (German Federal Railways' type Rmms 33) · Brown · Length 5¼ in.

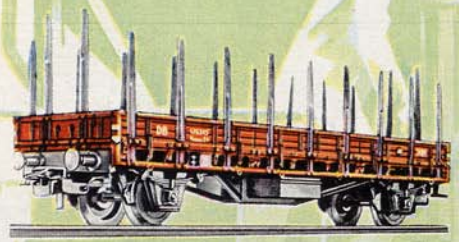
4601 $ 3.50
Open goods wagon with brakesman's cabin (German Federal Railways' type Omm. 33) · Brown · Length 4⅝ in.



4600 $ 3.50
Goods traffic luggage van (German Federal Railways' type Pwg) · Green, grey roof · Doors to open on both sides · Length 3⅝ in.



4605 $ 3.50
Swiss Federal Railways' (type K³) goods van with brakesman's cabin · Grey, silver roof · Doors to open on both sides · Length 4⅜ in.

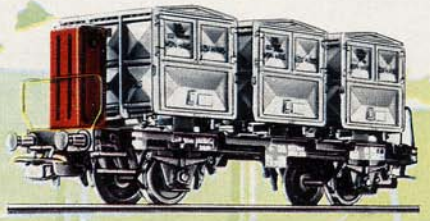


4607 $ 3.35
Stanchion truck (German Federal Railways' type Rmms 33) with detachable stanchions that can be carried in a sliding case underneath the floor of the truck · Brown, length 5¼ in.

4616 $ 3.35
Low-sided truck (German Federal Railways' type Rmms 33), laden with Mannesmann tubes · Brown, tubes black, with yellow lettering · Length 5¼ in.

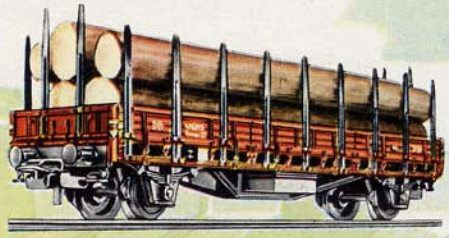
4602 $ 3.00
Open goods truck (German Federal Railways' type Omm 52) · Brown; length 4⅝ in.

Fair Trade prices in US Dollars



4614 $ 4.50

Container wagon with brakesman's cabin; laden with three box-type containers · Silver containers, black underframe · Length 4³/₈ in.



4608 $ 3.90

Timber wagon, laden with tree trunks (German Federal Railways' type Rmms 33) · Detachable stanchions · Brown; length 5¹/₄ in.

4612 $ 3.90

Motorcar transporter wagon with loading bridge, unladen · Brown, with black bridge; length 4³/₈ in. · (The German Federal Railways always use two transporters together as a unit, which is then described as Off 52)

4610 $ 3.90

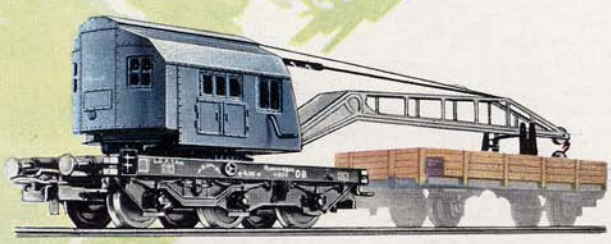
Ballast truck, with discharging doors operated by a crank handle · Brown; length 3³/₄ in.

4613 $ 5.50

Motorcar transporter wagon with loading bridge; laden with miniature Ford "Taunus" cars 12 M · Brown, black bridge; length 4⁵/₈ in.

4609 $ 3.90

Tilt truck (German Federal Railways' type Rmms 33) · Brown, with white sheet; length 5¹/₄ in.



4611 $ 5.20

Crane truck with slewing crane, movable jib and jib support · Crank handle for raising and lowering crane hook · Truck frame black, with crane light blue and jib silver · The truck frame is 3⁵/₈ in. long (the low-sided truck is not included in the price)

MÄRKLIN Standard Track with stud contacts

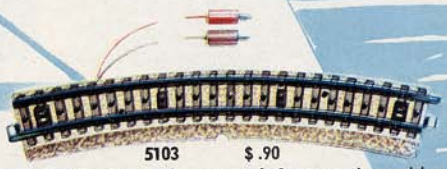
The standard track with stud contacts is an all-metal track with hollow-section metals, the centre conductor being formed of contact studs. This, with the stamped imitation ballast gives a track corresponding very closely to the original. The diameter of a circle is approximately 30 in., including the embankment, and twelve 5100 sections make up this circle of track. The contact tongues are safe against short-circuiting and ensure a reliable passage for the current. This standard track can easily be used with all other MÄRKLIN track sections. If buying a railway system for the first time, only these track sections are recommended. We advise using the ordinary commercial countersunk head wood screws, (German) size 1,7 x 15 DIN 97, for fixing the track sections on to a base.

12 track sections to a circle approximately 30 in. diameter.

5100 $ .30
Curved track section, 1/1 size, 7 1/2 in. long

5101 $ .25
Curved track section, 1/2 size, 3 3/4 in. long

5102 $ .25
Curved track section, 1/4 size, 1 7/8 in. long

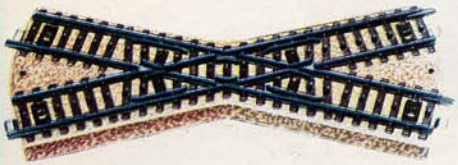


5103 $ .90
Current feeder section, curved, 2 connecting cables

5111 $ .90
Current feeder section, straight, 2 connecting cables

5120 $ .40
Curved track section, length 8 7/8 in. · This 5120 track section enables branch lines and works sidings with a small radius to be built · The track circle diameter is about 24 in., eight sections making a complete circle · The 5120 section has stud contacts of the same kind as the standard track sections

Just as on full-sized railways, only the smaller types of locomotive can be used on these branch lines, owing to the small radius of the track section curves.



5114 $ 2.20
Crossing, length 7 9/16 in.

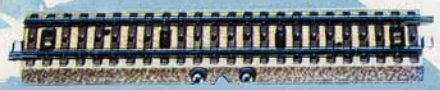
5106 $ .30
Straight track section, 1/1 size, 7 in. long

5107 $ .25
Straight track section, 1/2 size, 3 1/2 in. long

5108 $ .25
Straight track section, 1/4 size, 1 3/4 in. long

5109 $ .25
Straight track section, 3/16 size, 1 5/16 in. long

5110 $ .25
Straight track section, 1/8 size, 7/8 in. long



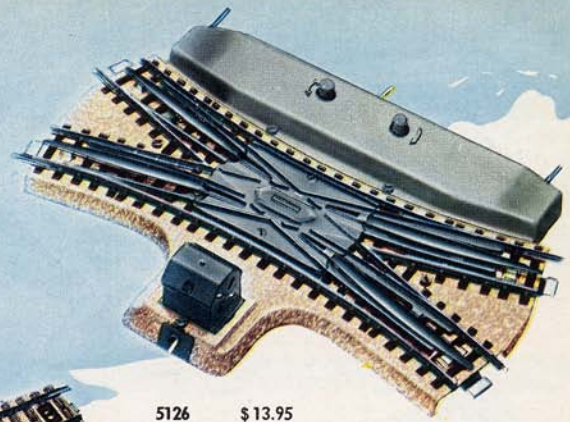
5105 **Contact track section,** straight $ .90
5104 **Contact track section,** curved $ .90

Pair of points for hand lever operation

5121 $ 4.00
Manually-worked pair of points · Finished with rail crossings, guide rails and so on · Spring tongues for the points · Track sizes the same as 5117

Electro-magnetic points
with double-solenoid remote operation

The 5117 electro-magnetic points and 5126 double-slip points are worked by double solenoids, electrically-lighted signal lamps showing the positions of the tongues of the points at any time. Should the points be "jumped" or forced, there will not be any derailment and the tongues of the points will return to their original position automatically.



5117 $9.00

Pair of electro-magnetic points, one right-hand and one left-hand, both worked by double solenoids · Small scale model lamps to light · Finished with rail crossings, guide rails and so on · Spring tongues for the points · Three connecting cables to each · Track lengths are the same as 5106 and 5100 sections

5126 $13.95

Double-slip points, worked by two double solenoids · Electric lamps to light, with four signal indications changing to show the positions of the tongues exactly as on a full-size railway · With six connecting cables, and also two knobs to turn to provide for manual working as well · Straight track, 7 9/16 in.; curved track, 7 1/2 in. long

Tracks for parallel circles

Twelve track sections—making a circle of 36 in. diameter (including roadbed). Curved track sections of the 5200 Group enable a parallel circle to be built. The short type of points, 5202, is used for the cross-over from the inner to the outer circle. The tracks are then 3 in. apart, measured between stud contacts, the free space, or "six foot way" in between measuring about 1 1/2 in.

5200 $.40

Curved track section, 1/1 size, 9 in. long

5206 $.40

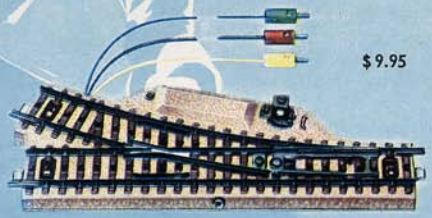
Curved track section, 5/6 size, about 7 1/4 in. long

5201 $.35

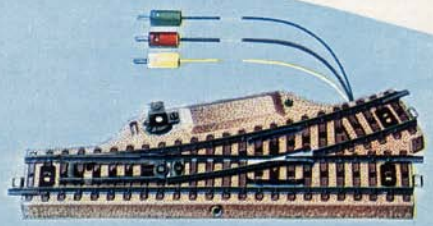
Curved track section, 1/2 size, 4 1/2 in. long

5205 $.30

Curved track section, 1/4 size, about 1 3/4 in. long



5202 $9.95



Pair of electro-magnetic points, one right and one left-hand, both worked by double solenoids · Signal lamps to light up · The curves are fivesixths the length of the track section

This standard track with stud contacts became such a great favourite last year as to compel us to confine our production of track sections almost entirely to this type.

Track sections of the 5000/5039 Group should be used only for additions to existing systems. Please bear pages 30 and 31 in mind when building up a new system

Scale model track with stud contacts

Pair of electro-magnetic points, one right and one left hand, 9 in. long, including the extra track sections 5069 and 5068 · Curved track 6⁷/₈ in. · Signal lamps to light · Spring point tongues · Three connecting cables

5051 $ .75
Track section, curved, ¹/₂ size, 4⁵/₈ in. long

5062 $ .70
Extra track sections, straight, 4⁵/₈ in. long · Points and crossings track section for parallel tracks

Standard tracks with centre (third) rail Twelve sections make a circle about 30 in. diameter

5007 $ .35
Straight track section, ¹/₁ size, 7 in. long

5008 $ .30
Straight track section, ¹/₂ size, 3¹/₂ in. long

5009 $ .30
Straight track section, ¹/₄ size, 1³/₄ in. long

5010 $ .30
Straight track section, ³/₁₆ size, 1⁵/₁₆ in. long

5011 $ .30
Straight track section, ¹/₈ size, ⁷/₈ in. long

5000 $ .35
Curved track section, ¹/₁ size, 7¹/₂ in. long

5001 $ .30
Curved track section, ¹/₂ size, 3³/₄ in. long

5002 $ .30
Curved track section, ¹/₄ size, 1⁷/₈ in. long

5003 $ 1.10
Current feeder section, curved, 2 connecting cables

5012 $ 1.10
Current feeder section, straight, 2 connecting cables

5016 $ 3.95
Crossing, 7⁵/₈ in. long

5019 $ 13.95
Pair of electro-magnetic points, one right and one left-hand, both worked by double solenoids · Signal lamps to light up · Three connecting cables to each · Lenght the same as track sections 5007 and 5000

MÄRKLIN Points and their use

Fig. 1

Fig. 2

Fig. 3

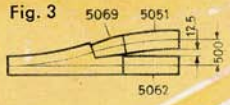


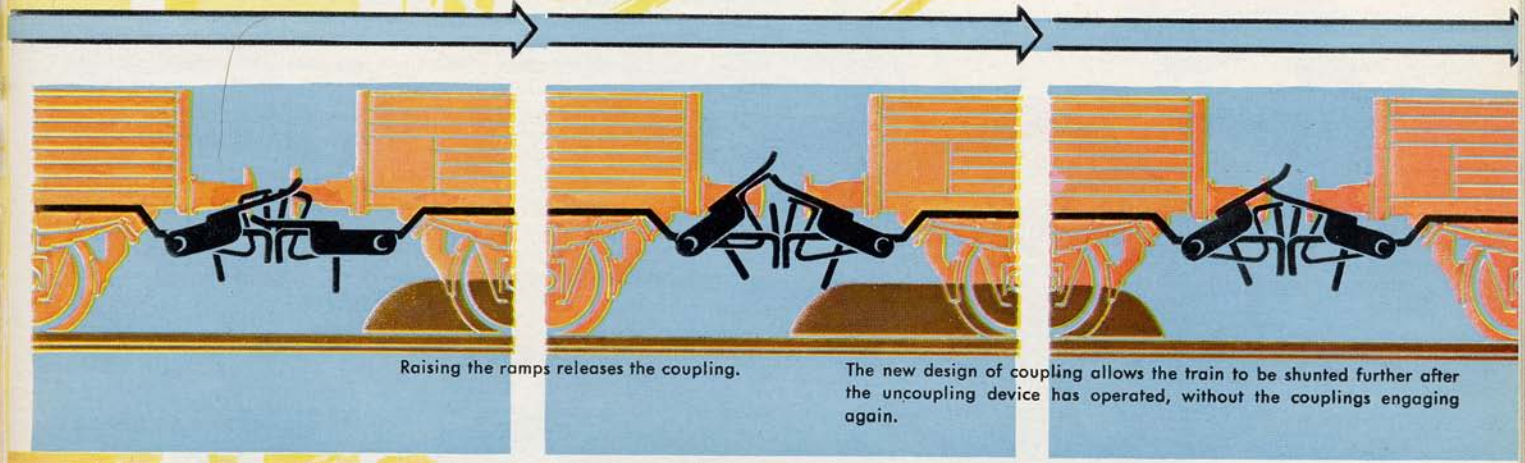
Fig. 4

In laying branch lines, the reverse curve with points 5117 and 5121 (fig. 1) is made up with track section 5100 (spacing from centre to centre of tracks, 3⁷/₈ in.) On the other hand, the reverse curve with points 5202 (fig. 2) is made up with track section 5206. The curved branch of the points, shortened by 1/16th, gives the narrow track spacing of approximately 3 in. from centre to centre of the tracks.
Scale model points without the centre or third rail and with stud contacts, 5064, give a low spacing of 2 in. between the centres of parallel tracks. Track section 5062 and the extra section given with the pair of points 5064 will be required, according to the appearance the track is to have (figs. 3 and 4). The free intervening space between the base of the track sections is half an inch.

Remote-controlled uncoupling equipment

MÄRKLIN

The automatic couplings fitted to MÄRKLIN locomotives and rolling stock are, for the most part, equipped for "Advance" uncoupling. All these couplings are designed so as to be uncoupled by remote control by means of the uncoupling rail section. Pressing the button on the controller is sufficient to operate the uncoupling action. Moreover, couplings with this "Advance" uncoupling arrangement enable a train to continue its journey after the uncoupling track section has done its work, without the couplings closing again. As all shunting operations can be simulated without difficulty, a MÄRKLIN uncoupling installation will add considerably to the pleasure of the set.



Raising the ramps releases the coupling.

The new design of coupling allows the train to be shunted further after the uncoupling device has operated, without the couplings engaging again.

The uncoupling track section can be used in a variety of ways

5113 $ 1.50
Lighting standard for uncoupling track section · Zinc base die casting · The signal on the standard lights up when uncoupling · 3⅜ in. high

In the run-up to the summit of the marshalling hump, in conjunction with marshalling signal 7043 (page 42)*
On railway platform tracks for changing locomotives by remote control**
In the places in locomotive depots used for laying up rolling stock**

* Lighting standard 5113 not to be used with shunting signal 7043
** The use of lighting standard 5113 is advisable.
The use of the lighting standard is always recommended where several uncoupling track sections are arranged within a small space, as by lighting up, the lighting standards show which of the uncoupling track sections is in action.

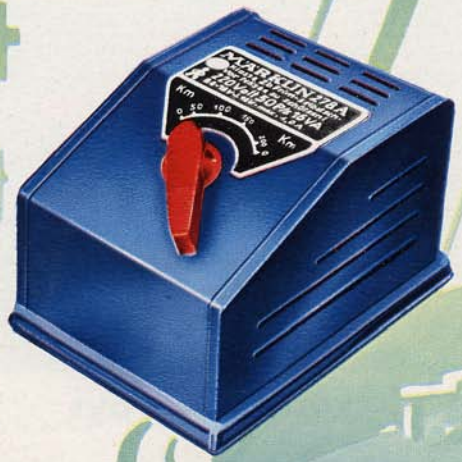
Uncoupling track section, 5112 $ 2.40
for uncoupling the automatic couplings on rolling stock by uncoupling ramps rising either side of the stud contacts · Operation can be carried out by either the train controller or a hand control lever · Two connecting cables · Track length, 3⅜ in.

The very efficient MÄRKLIN Transformers

All possibility of touching the mains voltage side of these transformers is prevented by the steel casing and excellent insulation (tested to several thousand volts). These constructional features together with the automatic short-circuiting cut-out provide a guarantee for working without any danger. Connection to the mains is by plugs and cables permanently connected to the appliance. Transformers are supplied for 110, 125, 150 or 220 mains voltage; please state the correct voltage when ordering. Low voltage can be set on the speed-indicating scale. Stepless speed control—without any special additional device—and reversing for running forward and backwards (the 24 volt "Perfect" switch gear)—is carried out by a combined switch button.

We cannot guarantee our railway sets running satisfactorily unless they are used with MÄRKLIN transformers.

We wish to point out particularly that our products are designed for transformers with a maximum output of 35 VA and may therefore be damaged if used with transformers having a higher output.



For connection to alternating current (A.C.) only

Transformer: Output 16 VA; weight about 2½ lbs. · Dimensions about 4¾ x 3⅝ x 2¾ in.

6050 for 110 volts $ 9.95

Please give the number for the voltage when ordering.

Transformer: Output 30 VA · Red pilot light · Weight about 4½ lbs. · Dimensions about 5⅝ x 4¾ x 4 in.

6150 for 110 volts $ 19.95

Please give the number for the voltage when ordering.

Remote Control and Lighting Accessories

7072 **$1.95**

Controller, with eight connecting sockets, enabling four double-solenoid magnetic accessories to be connected up · The arrangement of the control buttons also indicates the setting of the magnetic accessories on the controller as well · 3¼ in. long, 1¾ in. wide.

7072

7070

7070 **$2.50**

Switchboard for switching track and lighting current on to four different conductors by means of four tumbler switches · 3¼ in. long, 1¾ in. wide.

7034 **$2.40**

Set of numbered plates · For identifying points, signals etc., consisting of twelve cast slotted bases into which numbers for cutting out (from 1 to 24) can be inserted.

7034

7071

7071 **$2.60**

Switchboard for switching track and lighting current on and off for four different conductors by means of four tumbler switches · 3¼ in. long, 1¾ in. wide.

7069 **$.60**

Distributor board, with nine single-pole connections · Size 2¼ in. x ¾ in.

7069

Socket

7111	Brown	$.10
7112	Yellow	$.10
7113	Green	$.10
7114	Orange	$.10
7115	Red	$.10
7117	Grey	$.10

Plug

7121	Brown	$.10
7122	Yellow	$.10
7123	Green	$.10
7124	Orange	$.10
7125	Red	$.10
7127	Grey	$.10

Plug with side socket

7131	Brown	$.15
7132	Yellow	$.15
7133	Green	$.15
7134	Orange	$.15
7135	Red	$.15
7137	Grey	$.15

7140 **$.15**

Cross plug; used like intermediate plug 7141, but enabling two additional plugs to be connected up.

7141 **$.10**

Intermediate plug — double plug — the intermediate fitting for connecting two sockets.

60030 **$.25**

Pair of brushes for practically all H0 gauge locomotives, comprising two black graphite brushes, or one graphite and one copper brush.

60035 **$.25**

Pair of brushes for 3015, 3010 and 3017.

60033 **$.25**

Pair of brushes similar to 60030 for specially slow-running Can only be used in pairs.

7080 **$.30**

Cable, single-core, with one plug and one socket · Grey, 39 in. long.

7090 **$.35**

Cable, single-core, with one plug and one socket; grey, 79 in. long.

7100 **$.60**

Cable, single-core, grey, about 33 ft.

7101 **$.60**

Cable, single-core, blue, about 33 ft.

7102 **$.60**

Cable, single-core, brown, about 33 ft.

7103 **$.60**

Cable, single-core, yellow, about 33 ft.

7105 **$.60**

Cable, single-core, red, about 33 ft.

The colours mostly used in the MÄRKLIN circuit system are:

Red = Traction current connection (from transformer to the third rail or overhead traction wire, as the case may be.

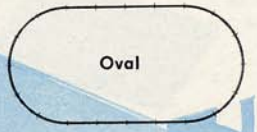
Brown = Earth return from the track rails, lighting fittings or controller to transformer.

Yellow = Lighting and magnetic accessories.

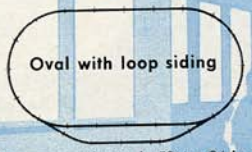
Blue = Earth return from magnetic accessories to controller or contact rail (with green, red or orange plugs).

Fair Trade prices in US Dollars

Some Favourite H0 Gauge Track Layouts



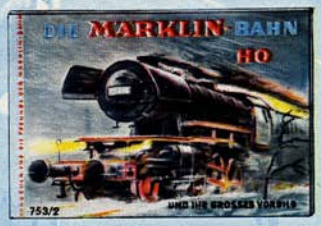
Size approximately 59½ x 30⅜ in.
Track sections: 11 x 5100, 1 x 5103 and 8 x 5106



Size approximately 59½ x 34 in.
Track sections: 11 x 5100, 1 x 5103, 10 x 5106, 1 x 5108 and one pair of 5121 points

Track sections: 23 x 5100, 1 x 5103, 42 x 5106 and two pairs of 5117 points.

Double-track oval with double reversing loop
Size approximately 116 x 40 in.
Track sections: 25 x 5100, 1 x 5103, 50 x 5106, 4 x 5107, 2 x 5108, 6 x 5110, 2 pairs of 5117 points, 3 x 5114 or 2 x 5126, and 1 x 5114.



0311 $ 2.15

Booklet: »The MÄRKLIN H0 Gauge Railway and its Big Prototype«, a handbook for MÄRKLIN Railway enthusiasts, 8⅜ x 6 in. · Published in German (0310), English (0311), French (0312) and Swedish (0315) · Some of the contents: Suggestions for railway systems in a landscape setting; MÄRKLIN Locomotives and rolling stock and their big Prototypes; Signals; Regulations of full-sized Railways; Railway Operation; Electrical Circuits inter alia for multi-train working, and a great deal more.

0320 $ .50

Booklet: "Track Plans for the H0 Gauge Toy and Scale Model Railway" · Contains plans for the standard track sections with and without stud contacts · In three languages, German-English-French

0200 $ 1.50

Template, transparent plastic material, for drawing track plans for standard track sections, with and without stud contacts (scale one-tenth actual size).

7002 $ .95

Rerailing ramp, for easily placing bogie stock on the track · 12 in. long, ¾ in. high

7001 $ .20

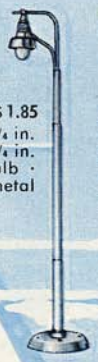
Coupling jig, sheet steel, nickel-plated, for straightening bent couplings

7047 $ 2.00

Station Lampposts, can be used for platforms, station forecourts and as street lamps · 5 in. high, base 1 in. diameter · Bulb · Cable with metal plugs

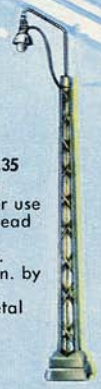
7048 $ 1.85

Arc Lamp, 6¼ in. high; base 1¼ in. diameter · Bulb · Cable with metal plugs

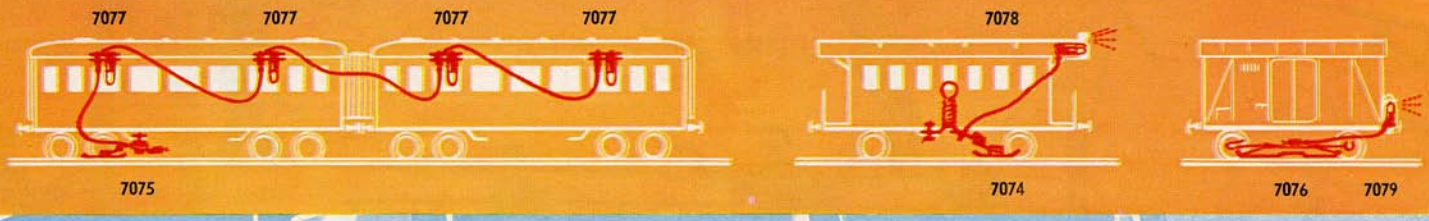


7046 $ 2.35

Arc Lamp with lattice mast, for use with the overhead traction wire system · 8¼ in. high · Base 1 in. by 1⅓ in. · Bulb · Cable with metal plugs



Fair Trade prices in US Dollars



Electric lighting for trains

MÄRKLIN

7074 $ .85

Interior lighting for passenger coaches 4002, 4003, 4004 and 4005, with connecting socket for additional lighting.

7075 $ .60

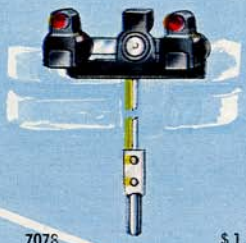
Current supply for 7077 coach lighting.

7076 $ .40

Current supply for 7077 coach lighting and 7079 tail lights when using 4000 passenger coaches and four-wheeled goods wagons.

7077 $ .60

Coach lighting for all express train coaches, with socket connections for additional lighting. Bulb.



7078 $ 1.35

Tail light for 4002 coach · Two bulbs · 7074 is required for connection.

7079 $ .90

Tail light with bulb, for clipping on to buffer (not for the express coaches on pages 24 and 25) · 7074, 7075, 7076 or 7077 is required for connection.

H0 Gauge Plastic Tyres

Replacement tyres for the new type H0 Gauge MÄRKLIN locomotives.

No.	for locomotives:	Price each:
7142	3010, DT 800	$ .03
7143	3000	$ .03
7144	RES, SE, SEW, SEWH 800	$ .03
7145	3001, 3002, 3011, 3012, 3013, 3014, 3016	$ .03
7146	3004, 3006, G, RM, RSM 800	$ .03
7147	3003, 3009, 3018, 3019	$ .03
7148	3005, S 870	$ .03
7149	3007, 3008	$ .03
7150	3021	$ .03

Fitting instructions are given in the Instructions for Working the locomotives.

Current collector shoes

20030 $ .15

Collector shoe, to fit locomotives 3000, 3001, 3002, 3003, 3005, 3011, 3012, 3013, 3014, 3018, 3019, 3021.

20254 $ .15

Collector shoe, to fit locomotives 3004, 3007, 3008, 3016.

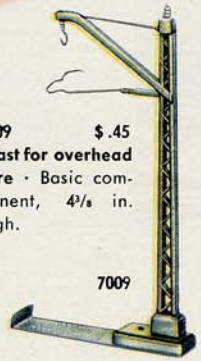
20403 $ .15

Collector shoe, to fit locomotives 3009, 3015. Fitting instructions are given with every collector shoe.

Fair Trade prices in US Dollars

The MÄRKLIN Overhead Traction Wire System

- Giving a true scale model impression of the system on both open stretches as well as through station precincts.
- The traction wire and cross-connections of the system are faithful reproductions of the originals.
- The plastic supporting masts are both flexible and very strong at the same time.
- Voltage drop is avoided to the greatest possible extent by the flexible traction wire suspension system.
- Easy to build up. The overhead wire can be built up to any length desired merely by inserting the sections into one another, no tools or anything else being needed.
- Compensation for length is easily arranged by sectional connections.
- Flexible traction wire for both curved as well as straight track sections. Wire section 7019 is only for fitting up long straight sections.

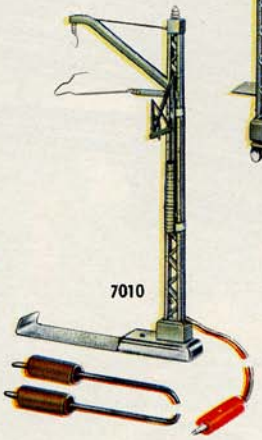


7009 $.45
Mast for overhead wire · Basic component, 4³/₈ in. high.

7009

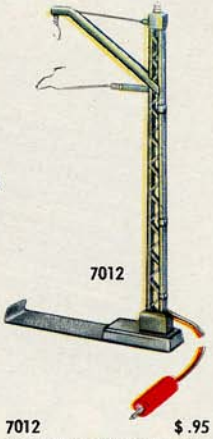
7011 $.65
Mast for bridge, with fixing · 4³/₈ in. high.

7011



7010

7010 $1.35
Feeder mast for current supply, with two cables and also instructions for using the overhead traction wire system · Height 4³/₈ in.



7012

7012 $.95
Feeder mast for signals, with one cable · 4³/₈ in. high.

Components of the overhead traction wire system

7020

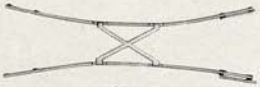
7019

7014

7023

7018

7022



7007

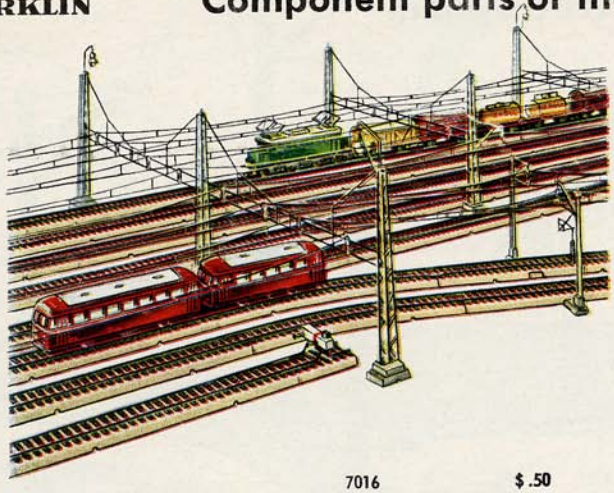
7013

7015

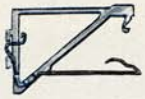
7019	Traction wire section for straight sections only	14¼ in.	$.25
7018	Traction wire section for straight and curved sections	10¾ in.	$.20
7013	Tractions wire section with push-in connection for straight and curved sections	9½ in.	$.20
7014	Hollow overhead wire section (for push-in connecting)	4½ in.	$.10
7023	Compensation section with push-in connection	4 in.	$.10
7015	Traction wire cam section (for push-in connection)	4½ in.	$.10
7007	Crosspiece for 5126, 5114 and 5016 (push-in fitting)		$.25
7022	Interrupter cam section (for push-in connection)	4½ in.	$.25
7020	Overhead wire tensioner for fitting to section and tower masts		$.20
7005	Overhead wire fittings for signals not placed by tower masts, consisting of two 7012 signal masts, two 7022 interrupter sections and two 7014, suitable for all signals with train control.		$2.50

Fair Trade prices in US Dollars 39

Component parts of the Tower Mast Overhead Wire System



The favourable design of the tower masts enables the overhead wire system to be fitted up on even the widest station spaces. One cross connection requires two tower masts; larger systems with two cross connections need three tower masts, and three cross connections, four tower masts. Single lines of rails passing outside the masts can be included in the overhead wire system by using cantilever arm 7025.



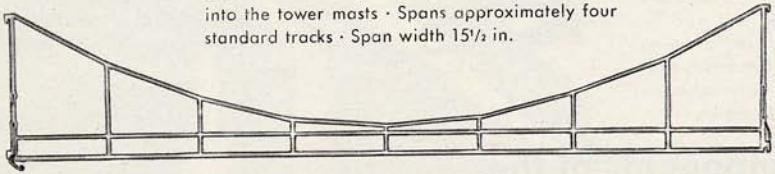
7025 $.15

Cantilever arm · A single track passing out-side a tower mast can be included in the overhead wire system by means of this cantilever arm 7025.

7021

7016 $.50

Cross connection, nickel-plated, for clipping into the tower masts · Spans approximately four standard tracks · Span width 15½ in.

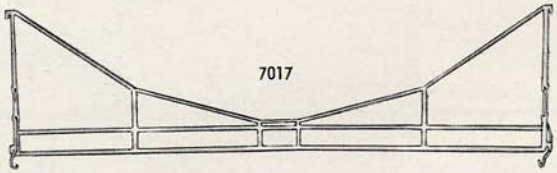


7006 $.10

Overhead traction wire insulation, insulating the traction wire sections from the cross connections · One required for each track and cross connection · Shown full size ·

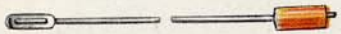
7017 $.45

Cross connection, nickel-plated, for clipping into the tower masts · Spans approximately three standard tracks · Span width 11 in.



7021 $.75

Tower Mast, plastic, with detachable cap · Base 1⅛ in. square; 6½ in. high · For tower masts with arc lamps see page 36.



7003 $.35

Overhead wire connecting cable for connecting to signals in the station precincts, and for supplying current to any point desired.

7004 $.15

Fitting kit, consisting of five screws, five nuts and five washers · The usual traction wire accessories are generally adequate for building up the system, though in rare cases it may happen that a connection between two sections of traction wire can only be carried out with a nut and bolt.

Fair Trade prices in US Dollars

The MÄRKLIN Range of Signals

Marvels of precision workmanship—reliable, truly scale model and indestructible—nothing can be more suitable than these perfect signals to build up a MÄRKLIN railway true to scale and run it not only as a pastime but an interesting model as well. All these signals are outstanding by the scale reproduction of all important parts in miniature and the perfection of the details they display. All signal masts are made of practically unbreakable zinc-base die-castings.

The signals can be fixed wherever desired, to either standard or scale-model track sections, on the right or left-hand side of the track and on straight or curved sections.

Their **baseplates** enable all signals to be fixed securely to the track sections.

The **double-solenoid operation** of the electro-magnetic signalling apparatus enables the position of all signals—and points as well—to be shown on the control panel. The electro-magnetic coil is made of unusually durable material.

Train control is provided by all signals—home, track block and fly-shunting—without the need for any special additional appliances, track current switches with silver contacts being fitted.

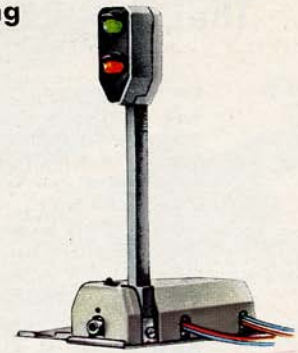
Fully-automatic block working, i. e., the control of several trains by automatic operation of the signals, can be arranged with all MÄRKLIN home signals.

Distant signals, and also points, can be connected up to home signals so that the home and distant signals both show the same indication.

Signals with train control action

for overhead wire and track contact working

All signals—home, track block or fly shunting—are fitted with traction current switches giving train control for the overhead wire and track contact system independently of one another · The electro-magnetic switch-gear of the 7041 home signal and the 7043 fly-shunting signal have three solenoid coils, while that for all the other signals has double solenoids · The springs the current passes through on the traction current switches have silver contacts and so can withstand very heavy traction currents.
Each signal has cable connections with cross plug sockets, marked with the colours for the circuit and lighting · Two plug sockets for the overhead wire and one socket for the earth connection complete the connections possible · Signal lamps with bulbs, the 5022 centre rail insulation, baseplates and brief instructions are supplied with every signal.



7044 $5.95

Colour-light Home signal · Light changes from red to green · 2 Bulbs (red and green) · Extra Manual operating lever · Width 1 1/8 in., length 2 3/4 in., height 3 1/4 in.

7041 $7.50

Home signal with two semaphore arms, not coupled together · Operation, connection and traction current regulation as for all signals with train control action, but with an extra third solenoid · The current returns through an additional blue cable with an orange cross-plug connector · The three signal indications possible through coupling the two armatures together mechanically are obtained by energising one coil only · Light changes from red to green or from red to green/amber · Width 1 1/8 in.; length 3 7/8 in.; height 5 in.

7040 $5.95

Home signal with two coupled semaphore arms; light changes from red to green/amber · Width 1 1/8 in.; length 2 3/4 in.; height 5 in.

7039 $4.95

Home signal with one semaphore arm; light changes from red to green · Width 1 1/8 in.; length 2 3/4 in.; height 5 in.

7042 $5.95

Track block signal · Mast with front and rear movable spectacle glasses · Width 1 1/8 in.; length 2 3/4 in.; height 2 3/4 in.

7043 $7.25

Fly shunting signal · The semaphore arm gives three indications: "Stop", "Shunt slowly" and "Shunt fairly fast" · For the "Stop" indication the traction current is cut off, but is switched on again for he "Shunt slowly" and "Shunt fairly fast" indications · The connecting cables are: Yellow with yellow plugs, blue with red plugs, blue with green plugs and blue with orange plugs · Width 1 1/8 in., length 3 7/8 in., height 5 1/8 in.

Fair Trade prices in US Dollars

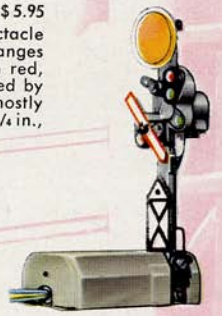
Distant signals without train control

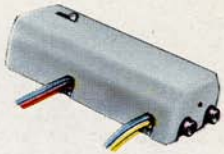
0301 $.55
The MÄRKLIN Book of Signals — an illustrated guide to tell you all about signals · Enlarged edition, published in German (0300), English (0301), French (0302), Spanish (0303), Italian (0304) and Swedish (0305)

7036 $4.75
Distant signal without additional arm · Double solenoid · Light changes from amber/amber to green/green · Two blue cables for automatic working · Connection to control panel or for coupling up to home signal · Yellow cable for current supply · The three plugs (red, green and yellow) have side plugs · Can be used in conjunction with 7039 home signal · Width 1⅛ in.; length 2⅝ in.; height 2⅞ in.

7037 $4.95
Distant signal with additional arm to move · Spectacle fixed · Operation, lighting and cables as for 7036 · Light changes from amber/amber to amber/amber/green · For use in conjunction with home signal 7040 · Width, 1⅛ in., length 2⅝ in., height 2⅞ in.

7038 $5.95
Distant signal, with additional arm and spectacle to move · Two double solenoids · Light changes either as 7036 or 7037 · Three blue cables with red, green and orange cross plugs · Current supplied by yellow cable with yellow cross plugs · Used mostly in conjunction with home signal 7041 · Width 1¼ in., length 2⅝ in., height 2⅞ in.





7045 $4.25
Universal remote switch, for switching on, off and reversing the traction and lighting current for magnetically-operated accessories · Can be controlled through track contact sections, from the control panel or by additional hand operating levers · The numerous opportunities for using this fitment, such as switching the lighting on or off by passing trains, or cutting out train control by signals in certain directions, as examples, are described in the Instructions and also in the MÄRKLIN Book of Signals

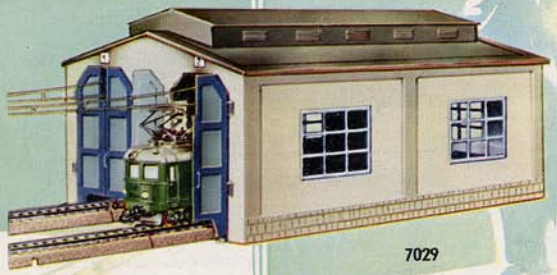
5022 $.10
Centre rail insulation, insulates five points

5004 $.35
Connecting cable for the centre (third) rail · 30 in. long

5015 $.25
Insulation sign for identifying isolating points

Fair Trade prices in US Dollars

Locomotive Sheds



7029

7029 $ 9.95

Locomotive sheds with doors to shut automatically, for two tracks, with skylight and real windows (locomotives, track sections and overhead traction wire not included) · Holder for two lighting fittings 7073 for installing interior lighting later on, and with 7008 overhead traction wire fittings · Size 13¹/₄ in., by 7¹/₄ in., height 6 in. · Distance between track centres 3³/₄ in.

7008 $ 1.25

Overhead traction wire fittings for the 7029 loco sheds, consisting of two overhead wire carriers

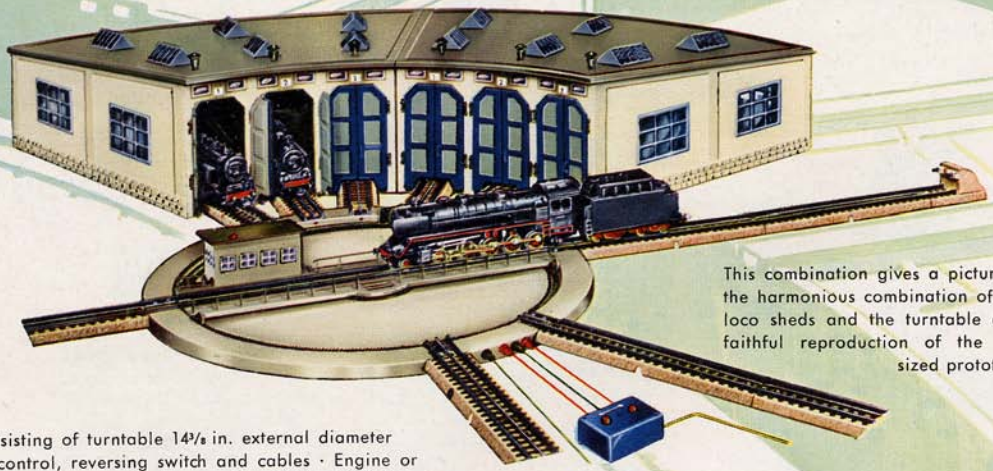
7028 $ 23.50

Locomotive sheds for three tracks, with skylights, smoke troughs, interior lighting and three doors to close automatically · Coloured enamel finish (track sections not included) · Size 18³/₈ in. by 14³/₄ in., height 5³/₈ in.

Turntables with remote control

7027 $ 39.00

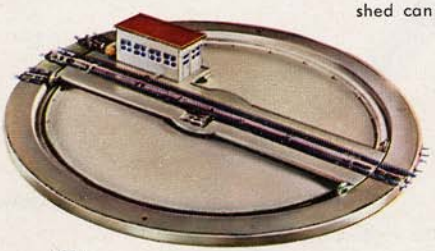
Turntable set · Super model, consisting of turntable, 14³/₈ in. external diameter to turn right or left, with remote control, reversing switch and cables · Two 7028 loco sheds or three 7029 sheds can be joined up to this set · Engine or motor house on platform with guard rails · A red indicator lamp lights up while turning · Current is automatically cut off from all deadend tracks in the sheds that are not lined up with the turntable track



This combination gives a picture of the harmonious combination of two loco sheds and the turntable as a faithful reproduction of the full-sized prototype.

7026 $ 29.50

Turntable set, standard model, consisting of turntable 14³/₈ in. external diameter to turn right or left, with remote control, reversing switch and cables · Engine or motor house · One 7028 or 7029 loco shed can be joined up to this set · Current is automatically cut off from all deadend tracks in the sheds that are not lined up with the turntable track



7026

0201, 0202 or 0203 $ 1.75

Railway figures · Three different types are supplied: 0201 and 0202, passengers and railway staff; 0203 permanent way workers · Ten figures in a box; the figures are ⁷/₈ in. high

All worked by remote control

7035 $ 3.85

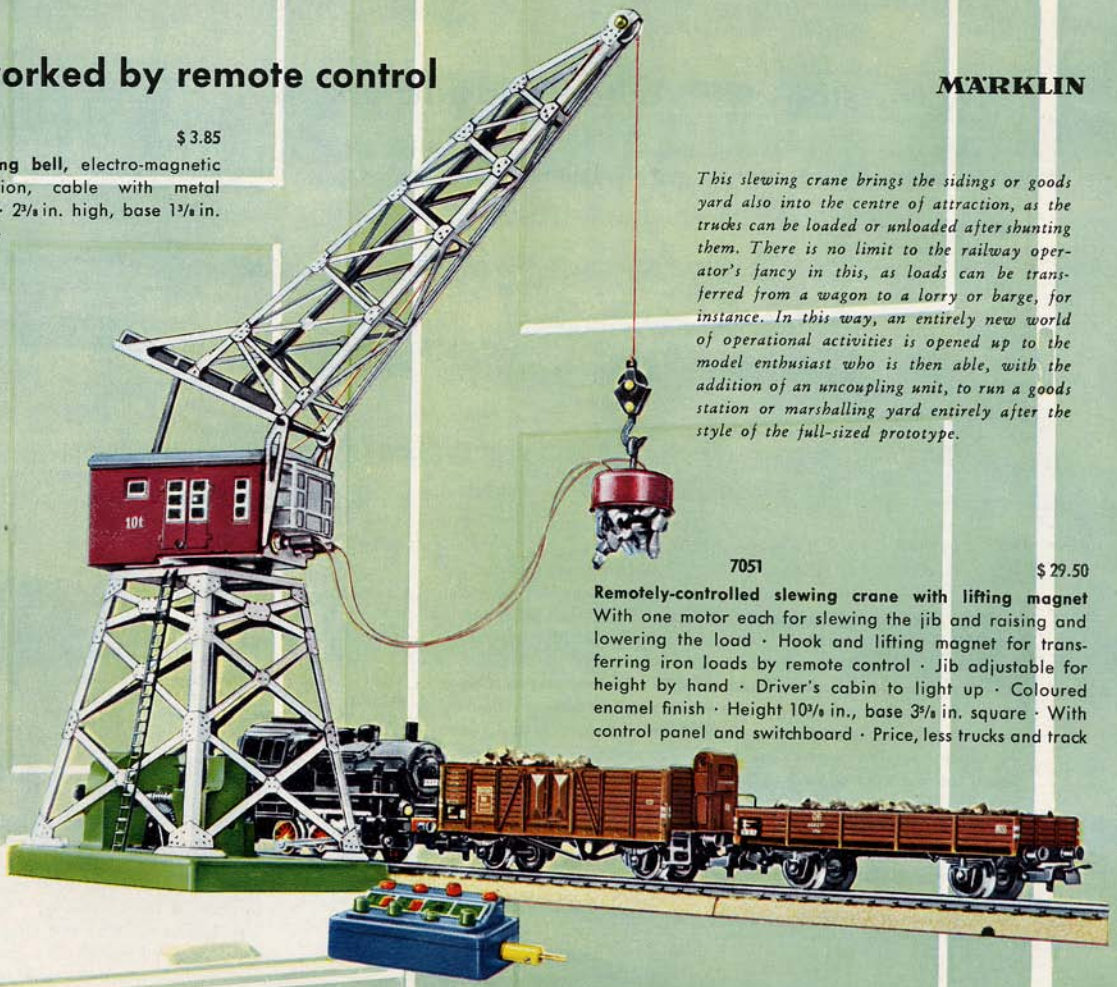
Warning bell, electro-magnetic operation, cable with metal plugs · 2³/₈ in. high, base 1³/₈ in. square

7073 $ .60

Lighting socket with bulb and cable for stations, goods sheds, etc.

7000 $ .60

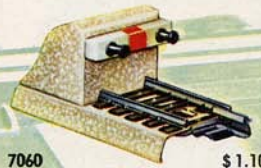
50 clips for fixing cables to wood base



This slewing crane brings the sidings or goods yard also into the centre of attraction, as the trucks can be loaded or unloaded after shunting them. There is no limit to the railway operator's fancy in this, as loads can be transferred from a wagon to a lorry or barge, for instance. In this way, an entirely new world of operational activities is opened up to the model enthusiast who is then able, with the addition of an uncoupling unit, to run a goods station or marshalling yard entirely after the style of the full-sized prototype.

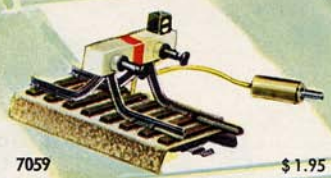
7051 $ 29.50

Remotely-controlled slewing crane with lifting magnet With one motor each for slewing the jib and raising and lowering the load · Hook and lifting magnet for transferring iron loads by remote control · Jib adjustable for height by hand · Driver's cabin to light up · Coloured enamel finish · Height 10³/₈ in., base 3⅝ in. square · With control panel and switchboard · Price, less trucks and track



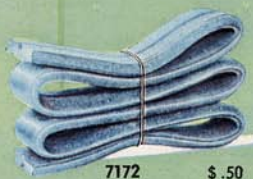
7060 $ 1.10

Stop Block, stamped imitation concrete · Base with standard track section, 2³/₈ in. long



7059 $ 1.95

Stop Block with track block signal to light · Die-cast zinc-base metal buffer beam · 2¼ in.



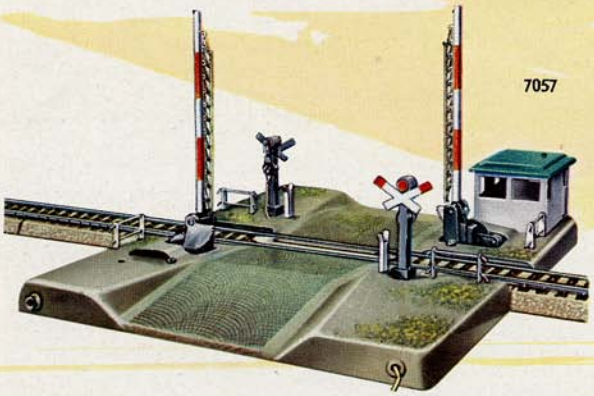
7172 $ .50

Foam material underlay for track section laying and sound-deadening · 39 in. long, for cutting up into smaller pieces

7033 $ .95

Distant signal indicator, set of three, each 1³/₈ in. high

Level crossings with automatic barriers



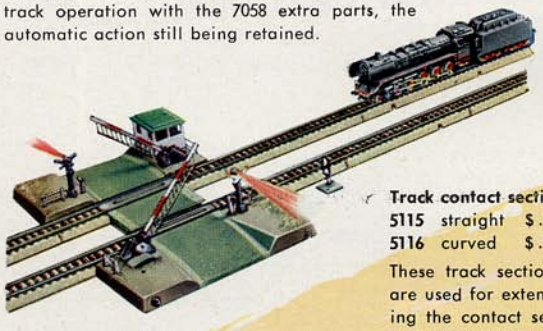
7057

7057 $ 21.00

Fully automatic level crossing with stud contact track sections · The set comprises two electromagnetically operated barriers, the crossing keeper's hut (arranged for fitting interior lighting), warning lights and crosses (road signs) and a set of track contact sections (four straight lengths of track).

The crossing works entirely automatically, the barriers closing when the train enters the track contact sections some few rail lengths away from the crossing · The warning lamps light up at the same time. The barriers are raised automatically as the train leaves the last track contact section and the warning lights go out.

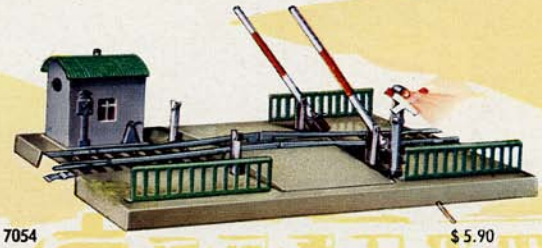
This level crossing can also be used for multi-track operation with the 7058 extra parts, the automatic action still being retained.



The 7057 level crossing has been added to by 7058

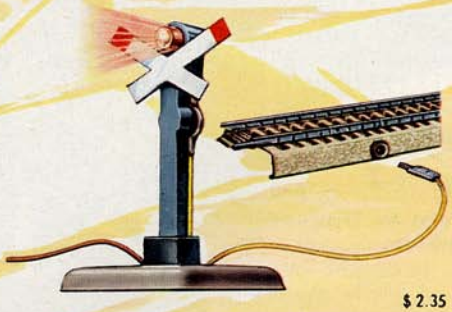
Track contact sections
5115 straight $ .75
5116 curved $ .90

These track sections are used for extending the contact sections of the level crossings



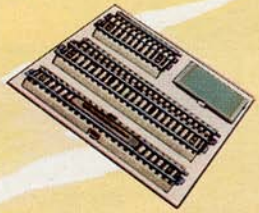
7054 $ 5.90

Mechanically operated level crossing for singletrack lines with centre stud contacts · The barriers are closed by rocking bars pressed down by the wheels · Crossing keeper's cottage with fencing · Warning cross (road sign) with red bulb that lights up when the barriers are closed · Base 5¼ in. by 7¼ in.



7050 $ 2.35

Warning cross (road sign) with flashing light for placing in front of level crossings · Set comprises warning cross sign with two cables and plugs, also track contact section 5127 · The red signal light comes on and flashes immediately a train enters the track contact section · Height 2 in., flashing light base 1 in. by ¾ in. · Track contact rail section 3⅝ in. long



7058 $ 6.50

Extra parts with stud contact track sections for each additional track, consisting of a set of track contact sections and 7160 filling piece for placing in the intervening space between the two tracks

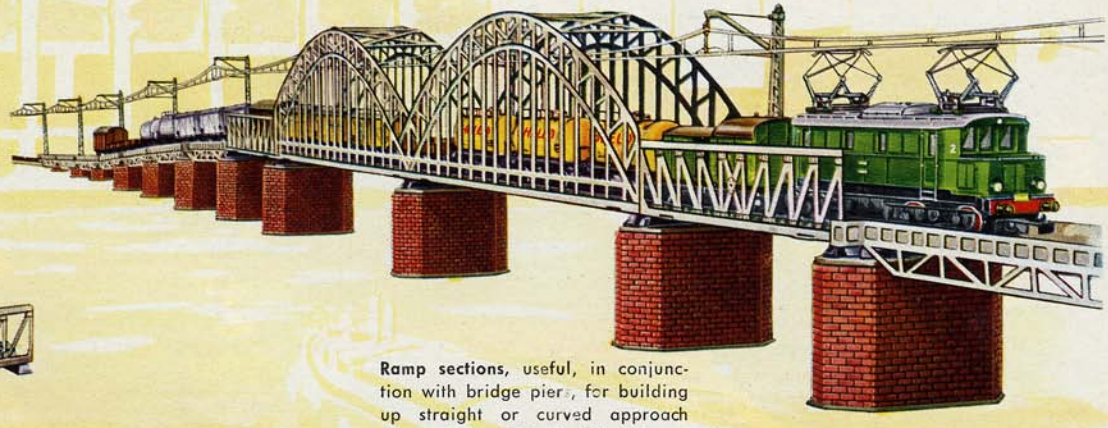
Scale model bridge construction

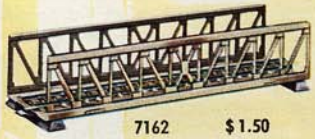
Track sections on parts of bridges and ramps are fitted with stud contacts.

These bridge parts can be used for building bridges and approaches of any size and combination desired. The 7065 and 7064 pier building parts fit together like the parts of a constructional set and will enable piers of any height to be built in 1/4 in. steps, using the 7066 baseplate as a very effective foundation.

7163 **$4.50**

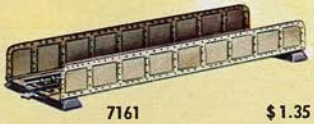
Bowstring girder bridge, grey, with integral track, 14 3/8 in. long · Slots for two 7011 overhead traction wire masts · Arch 4 5/8 in. high





7162 **$1.50**

Lattice girder bridge, can also be used separately in conjunction with bowstring girder bridge No. 7163 as the first part of a main bridge · Grey · Integral track, 7 1/4 in. long, with stud contact · Slots for the 7011 overhead traction wire mast · 1 7/8 in. high



7161 **$1.35**

Plate girder bridge, grey · Integral track 7 1/4 in. long with stud contact · Slots for the 7011 overhead traction wire mast · 1 in. high

Ramp sections, useful, in conjunction with bridge piers, for building up straight or curved approach ramps · Integral track with stud contacts and slots for the 7011 overhead traction wire masts

7064 **$.55**

Pier, 1 1/4 in. high, plastic

7065 **$.30**

Pier, 1/4 in. high, Very suitable for building inclined approach ramps with a 1/4 in. rise between the piers · Plastic

7066 **$.25**

Baseplate, for use as foundation · Green, 1/8 in. high · Plastic

7167 **$1.35**

Curved ramp section · Grey · The normal circle of the standard track sections · Integral track, 7 1/2 in. long, with stud contacts

7168 **$1.35**

Straight ramp section · Grey · Integral track, 7 1/4 in. long, with stud contacts

Fair Trade prices in US Dollars

- The MÄRKLIN Metal Building Set is a highgrade product with a name behind it, and the sets are obtainable in seven basic and eight supplementary sizes.
- MÄRKLIN supplementary sets enable any MÄRKLIN basic set to be made up into the next larger set.
- Each metal building set contains a fine assortment of building parts together with an illustrated Instruction Book containing lots of interesting examples.
- Many models of an instructional character can be built even with the smallest sets.
- All parts are made of the best material and finished in coloured enamel.
- Gear wheels—with the exception of the universal one—have machine-cut (milled) teeth and turned bosses instead of the stamped and riveted sheet metal parts that are so often supplied.

The MÄRKLIN Metal Building Sets and their Advantages

- Coloured cover plates give the models an attractive and effective appearance. A great advantage is being able to bend these cover plates at right angles and then smooth out the bends again.
- Electrical parts, such as commutators, magnet coils, cables etc. are included in the assortments in the sets from 1013 onwards, so that an insight into the basic principles of electricity can be gained.
- The range of separate parts, extensive as it already is, can be extended by special parts obtainable in all toyshops dealing in MÄRKLIN products.
- Technical and creative talents can be revealed and fostered even in the early years of childhood by playing with MÄRKLIN metal building sets.
- MÄRKLIN is synonymous with quality products. Consequently, the things that are given to children should not be a matter of indifference. Toys that reflect accurate workmanship will lead to accuracy in work throughout one's whole life.

Basic Set 1011 **$9.50**
Contains 232 building parts plus 51 fixing clips, making **283** parts altogether · Size of set, 20½ x 14 x 1⅜ in. · Weight about 4 lbs. 6 ozs.
This is a favourite basic set, as models from all branches of engineering can be built with the parts it contains, the illustrated Instruction Book showing a big selection of them · The set can be made up into basic set 1012 by supplementary set 1031

1011

1009

Basic Set 1009 **$3.95**
Contains 124 building parts plus 27 fixing clips, making **151** parts altogether · Size of set, 15¼ by 10½ by 1 in. · Weight about 2 lbs. 1 oz.
This set can be made up into basic set 1010 by supplementary set 1029

Basic Set 1010 **$5.95**
Contains 166 building parts plus 43 fixing clips, making **209** parts altogether · Size of set 16 by 12 by 1 in. · Weight about 2 lbs. 12 ozs.

1010

Can be made up into No. 1030 basic set by supplementary set No. 1011

Fair Trade prices in US Dollars

1012 **$17.95**

Basic Set · Containing 386 building parts plus 67 fixing clips, making **453** parts in all · Size of set 20¾ by 14¼ by 1⅝ in. Weight about 7 lbs. 8 ozs.

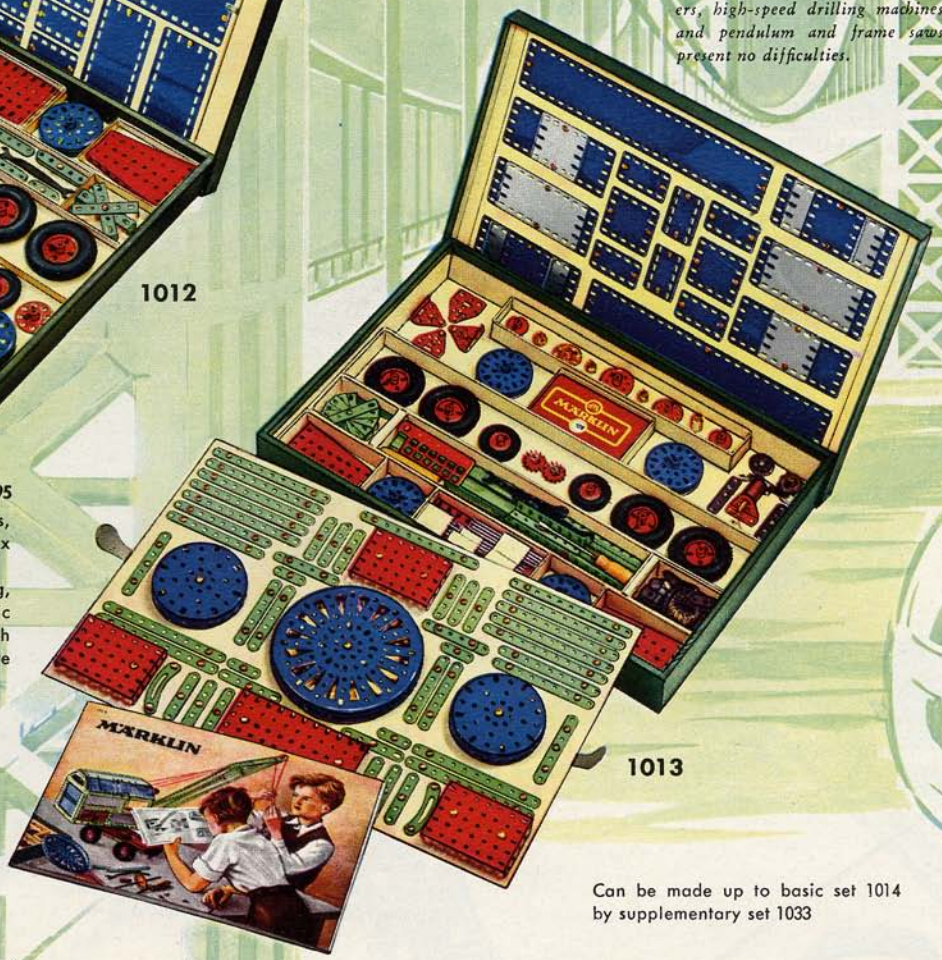
1012

The variety and realism of the models are enhanced considerably by Set No 1012 that enables such models as diesel locomotives, tramcars with trolley wire maintenance car, motor lorries, tractors, and mobile slewing cranes right up to tower slewing cranes and windmills, for instance, to be built, as well as a great many others. Even models of such machines as surface grinders, high-speed drilling machines, and pendulum and frame saws, present no difficulties.

Basic Set 1013 **$30.95**

Containing 658 building parts plus 136 fixing clips, making **794** parts in all · Size of set, 20¾ x 14¼ x 2⅝ in. · Weight about 13 lbs. 4 ozs.

The models in previous sets could be set working, some by hand, some by a clockwork or electric motor that could be obtained separately, but with set 1013 and the following sets electrical parts are included for making up motors that will work · The pleasure is all the greater when models built by oneself can be set in motion by magnetic coils · A "Short Course in Electricity" gives an introduction to electricity and its basic principles

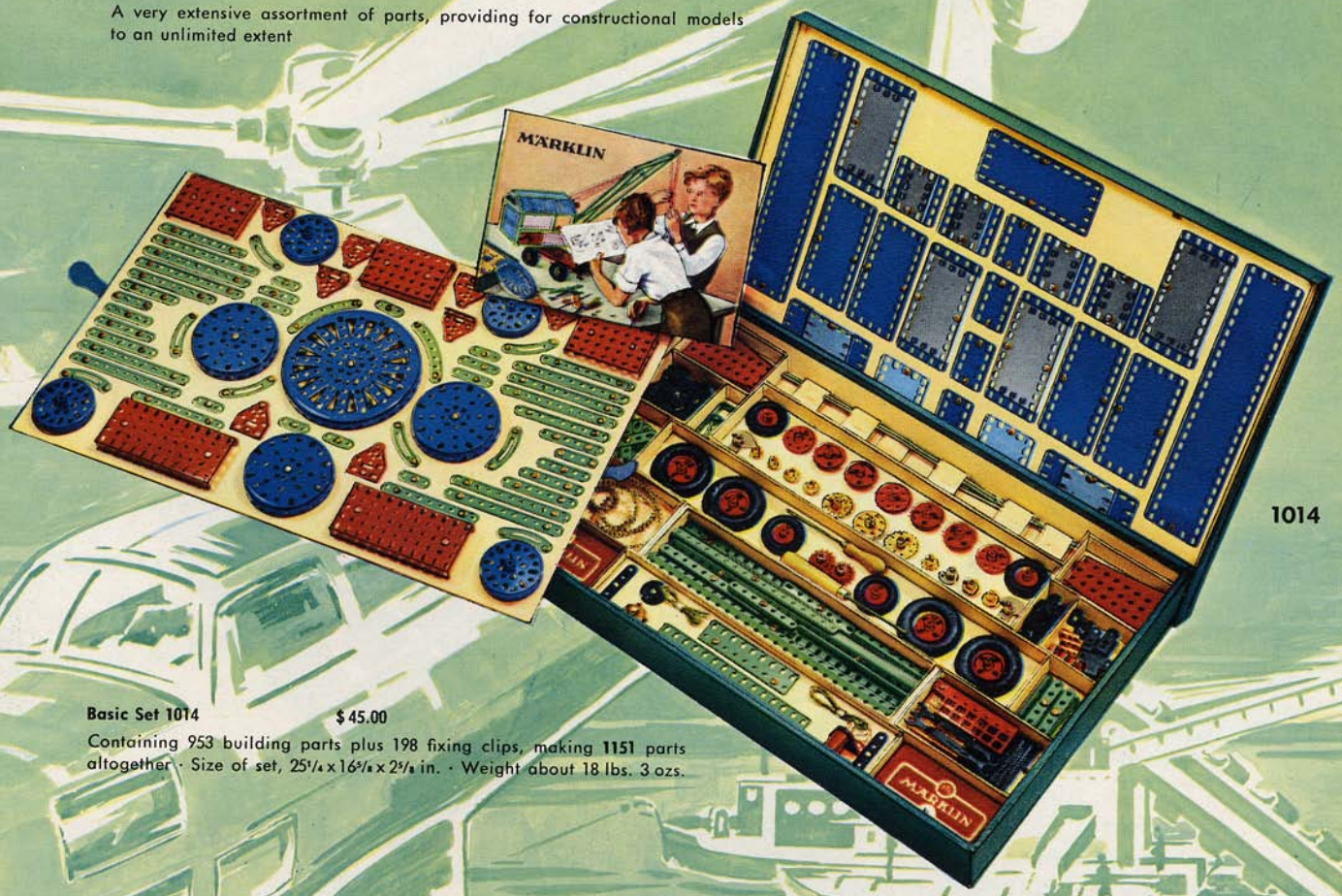


1013

Can be made up to basic set 1014 by supplementary set 1033

Basic Set

A very extensive assortment of parts, providing for constructional models to an unlimited extent



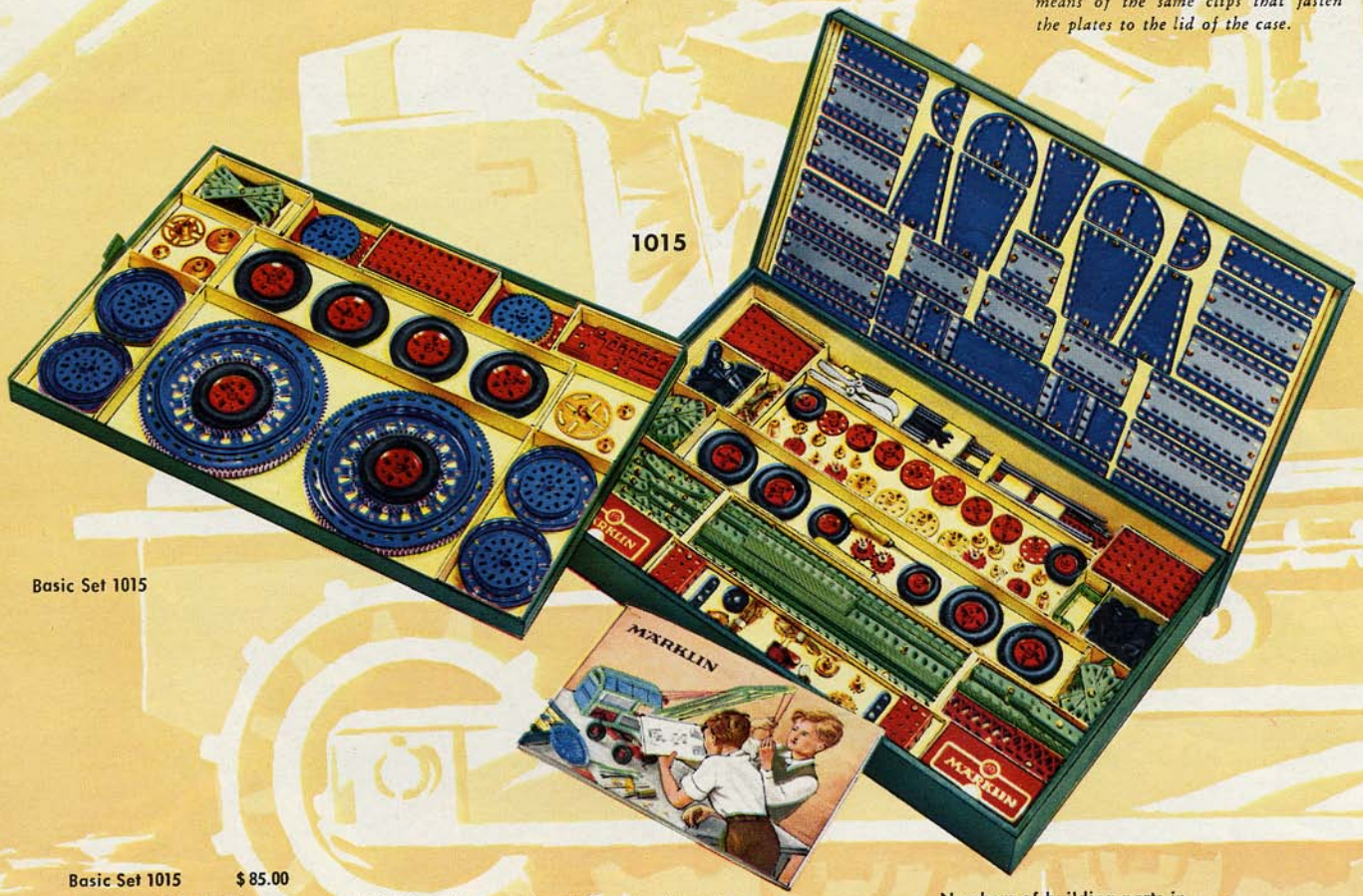
1014

Basic Set 1014 **$ 45.00**

Containing 953 building parts plus 198 fixing clips, making **1151** parts altogether · Size of set, 25¼ x 16⅝ x 2⅝ in. · Weight about 18 lbs. 3 ozs.

A MÄRKLIN metal building set is the plaything for this technical age of ours that will never fail to interest the children over and over again. The inexhaustible possibilities for combining the parts into models will arouse their fancy, quicken their understanding and awaken and promote technical ability. The improvement that mounts from set to set and the real and natural appearance of the models reach their zenith in basic set 1014. It can be made up into basic set 1015 by supplementary set 1034, or by the two supplementary sets 1035 and 1036.

The cover plates that can be seen on top on the lid of the case play no small part in making the models complete. They are fitted by means of the same clips that fasten the plates to the lid of the case.



Basic Set 1015

Basic Set 1015 **$ 85.00**

Contains 2039 building parts plus 140 fixing clips, making **2179** parts altogether · Size of set 25¾ by 16⅝ by 3⅜ in. · Weight about 32 lbs. 10 ozs.
The MÄRKLIN 1015 metal building set is the peak achievement in the range of building sets and anything more beyond the versatility and completeness of this set would be impossible to offer · Building up even the largest models no longer presents any difficulty, so far as the supply of material is concerned · The possession of this set is the fulfilment of the wishful dreams of every youngster · It can justly be said that the 1015 set will provide inexhaustible pleasure and is part and parcel of the most interesting things that can be given to the children

Numbers of building parts in MÄRKLIN Metal Building Sets

Basic Set No.	Number of Parts without clips	with clips	Supplementary Set No.	Number of Parts without clips	with clips
1009	124	151	1029	42	61
1010	166	209	1030	67	97
1011	232	283	1031	154	185
1012	386	453	1032	273	324
1013	658	794	1033	295	342
1014	953	1151	1034	1086	1179
1015	2039	2179	1035	560	627
			1036	526	595

52 Fair Trade prices in US Dollars

Supplementary Set

Any basic set can be made up to the next larger one by a supplementary set, its parts, with the existing basic set, forming the new larger basic set. If, for example, you have the 1011 basic set and want to make it up to the contents of basic set 1012, then you will want supplementary set 1031.

To summarise:

Supplementary set **1029** makes up Set 1009 into Set **1010**	**$ 2.65**
Supplementary set **1030** makes up Set 1010 into Set **1011**	**$ 3.95**
Supplementary set **1031** makes up Set 1011 into Set **1012**	**$ 8.95**
Supplementary set **1032** makes up Set 1012 into Set **1013**	**$ 13.50**
Supplementary set **1033** makes up Set 1013 into Set **1014**	**$ 15.50**
Supplementary set **1034** makes up Set 1014 into Set **1015**	**$ 45.00**
Supplementary set **1035** make up Set 1014	**$ 24.00**
Supplementary set **1036** into Set **1015**	**$ 23.00**

Supplementary Set 1032

Apart from the supplementary sets just mentioned, every MÄRKLIN metal building set can be enlarged by separate parts if the ones available are not sufficient for some model it is desired to make, or by special parts not included in the sets. A special list about these parts, and also the parts themselves, can be obtained from every toyshop that deals in MÄRKLIN products.

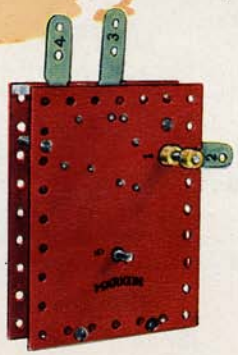
Motors for driving models made up from metal building sets

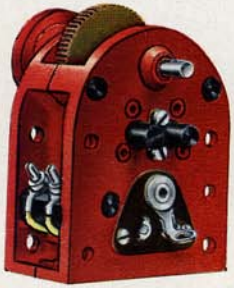
It is a great pleasure for any youngster to have built up the models in the booklet successfully, one after the other. How great will the excitement be, however, if the models can be worked by a clockwork or electric motor. The following three motors are suitable for the models in every respect. We recommend either the clockwork motor or the simple electric motor for the smaller models, and the universal electric motor for the larger ones.

Clockwork motor

1070 **$ 9.50**

Clockwork motor, reversing, to run forward or backwards, also slow or fast · Driving shaft with pulley · Brake lever · Complete with key and instructions in cardboard box · 4⅝ in. high, 3⅝ in. wide, ¾ in. deep · Weight about 19½ ozs.





1071 **$ 9.50**

Electric motor, simple type · Reversible, to run forward or backward · No-load speed about 1500 r. p. m. · Works on 16 volts for connection to any MÄRKLIN railway transformer · Accessories, two 7080 cables · 2⅝ in. high, 2 in. wide, 2 in. deep · Weight about 3¾ ozs.

Electric motors

1072 **$ 18.50**

Universal Electric Motor, 16 volts, with cable and reversing switch to reverse the motor by remote control · Two pulleys for cord drive at different speeds on opposite sides and controllable by the transformer · No-load speed about 3000 or 1100 r.p.m., as the case may be · This is an extremely efficient motor for driving even the largest models made up from the building sets, as well as dynamos and working models of all kinds · (The use of transformers of the 6100 Group only is advisable) · 3 connecting plugs · 2⅜ in. high, 3¾ in. wide and 2⅝ in. deep · Distance between cord grooves, 3⅛ in. · Weight about 17½ ozs.

Fair Trade prices in US Dollars 53

A few of the special parts from our extensive range, obtainable from any toy dealer.

The ELEX Electrical experimental Sets

The MÄRKLIN-ELEX experimental sets are complete in themselves and handling the sets will give children an introduction into the basic principles of magnetism and electrical engineering. With the special parts included in Sets 1062 and 1053, as the case may be, experiments right up to the Wheatstone bridge, and, indeed, even up to a workable telephone system can be carried out. Each set has a very complete Instruction Book with numerous illustrations for all the more important experiments, as well as all the parts required. A pocket lamp or torch battery is sufficient to start experimenting with the help of the Instruction Book. Transformers of the 6000 Group for connecting to the A.C. lighting mains are suitable for working ELEX models. The 1052 basic set can be made up into basic Set 1053 by supplementary set 1062.

ELEX 1052 **$ 11.50**

Basic set for about one hundred experiments, with Instruction Book · 17 by 11½ by 1½ in.

Supplementary set ELEX 1062 **$ 15.95**
makes up ELEX 1052 into ELEX 1053

Experimental transformers

Transformer · Output 16 VA · Weight about 2½ lbs. · Size 4¾ by 3½ by 2¾ in.
(For details see page 34)

Please state voltage of the lighting mains when ordering · Full instructions for using these transformers are included with the Instruction Books for the sets · The ELEX sets contain two transfer plugs

6050 = 110 volts for USA **$ 9.95**

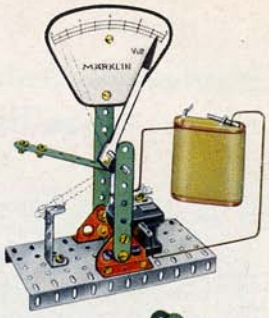
Fair Trade prices in US Dollars

ELEX Models

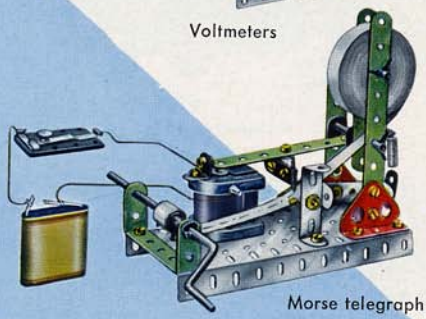
A few examples of the working models that can be built from the **MÄRKLIN-ELEX** Sets

ELEX 1053
$ 26.00

Basic set for over 160 experiments, with Instruction Book · Size 23 by 12¹/₄ by 2³/₈ in.



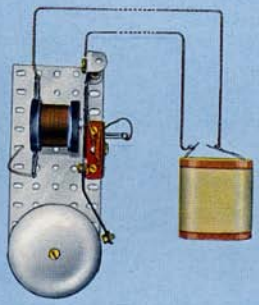
Voltmeters



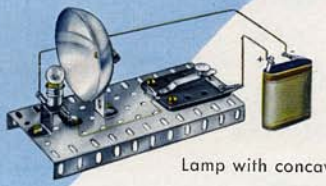
Morse telegraph

Galvanometers

Telephone apparatus

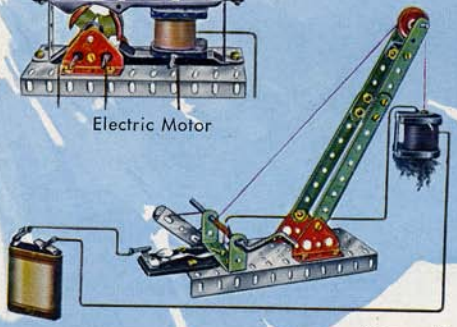


Electric bell



Lamp with concave mirror

Electric Motor



Crane with lifting magnet

Miniature Motorcars made of zinc-base die castings

Scale model reproductions of their prototypes · Rubber tyres · Finished in various colours · Made to a scale of about 1/45th full size

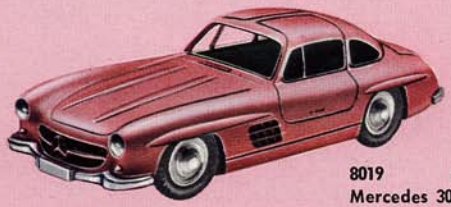
8002 $2.50
Lanz Bulldog Tractor, with driver · All details faithfully reproduced · Zinc-base die casting · Special tyres · 3 in. long

8013 $1.20
Volkswagen Microbus, finished in one colour · Die-cast zinc-base metal, 3⅝ in. long

8018 $.95
Ford Taunus 15 M Car, zinc-base die casting, 3½ in. long

8014 $1.25
Volkswagen Microbus, duotone finish, 3⅝ in. long

8006 $1.10
Volkswagen delivery van, finished in one colour · Die-cast zinc-base metal, 3⅝ in. long



8019 $.95
Mercedes 300 SL Car, zinc-base die casting, 3¾ in. long

8008 $1.25
Volkswagen delivery van, duotone finish, 3⅝ in long

8016 $1.20
BMW 501 Car · Zinc-base die casting, 4¼ in. long

8007 $1.40
Volkswagen delivery van, with "GASOLIN" lettering · Multicolour finish · Die-cast zinc-base metal, 3⅝ in. long

8015 $1.00
Borgward Isabella Car, finished in one colour, die-cast zinc-base metal, 3⅞ in. long

8020 $1.25
Borgward Isabella Car, duotone finish, die-cast zinc-base metal, 3⅞ in. long

8017 $3.30
Phoenix Box Van, multicolour finish · Die-cast zinc-base metal, 5½ in. long

Fair Trade prices in US Dollars

8003 $1.25
Mercedes 300 Car, zinc-base die casting, 4³/₈ in. long

8009 $1.75
Südwerke Lorry, zinc-base die casting, 5¹/₂ in. long.

8012 $1.10
Trailer, suitable for both the lorry and the Lanz Bulldog tractor; 4³/₈ in. long · Zinc-base die casting

8005 $.95
Volkswagen Limousine, zinc-base die casting, 3¹/₂ in. long.

8000 $3.95
Petrol or Oil Tanker, six-wheeled "BV-Aral" type · A modern articulated lorry in two parts to take apart · Great flexibility of movement on curves · Zinc-base die-casting, 6¹/₄ in. long

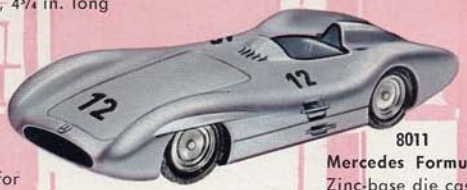
8004 $.95
Porsche Car, zinc-base die casting, 3³/₈ in. long

8001 $1.95
Limousine de luxe, zinc-base die casting, 4³/₄ in. long

8150 $.20
Rubber tyres, 14 mm (⁹/₁₆ in. diameter), packed in cartons of ten, to fit miniature cars 8004, 8005, 8006, 8007, 8008, 8013, 8014, 8015, 8018, 8019 and 8020

8151 $.20
Rubber tyres, 15,5 mm (⁵/₈ in. diameter), packed in cartons of ten, to fit miniature cars 8003, 8010, 8011 and 8016

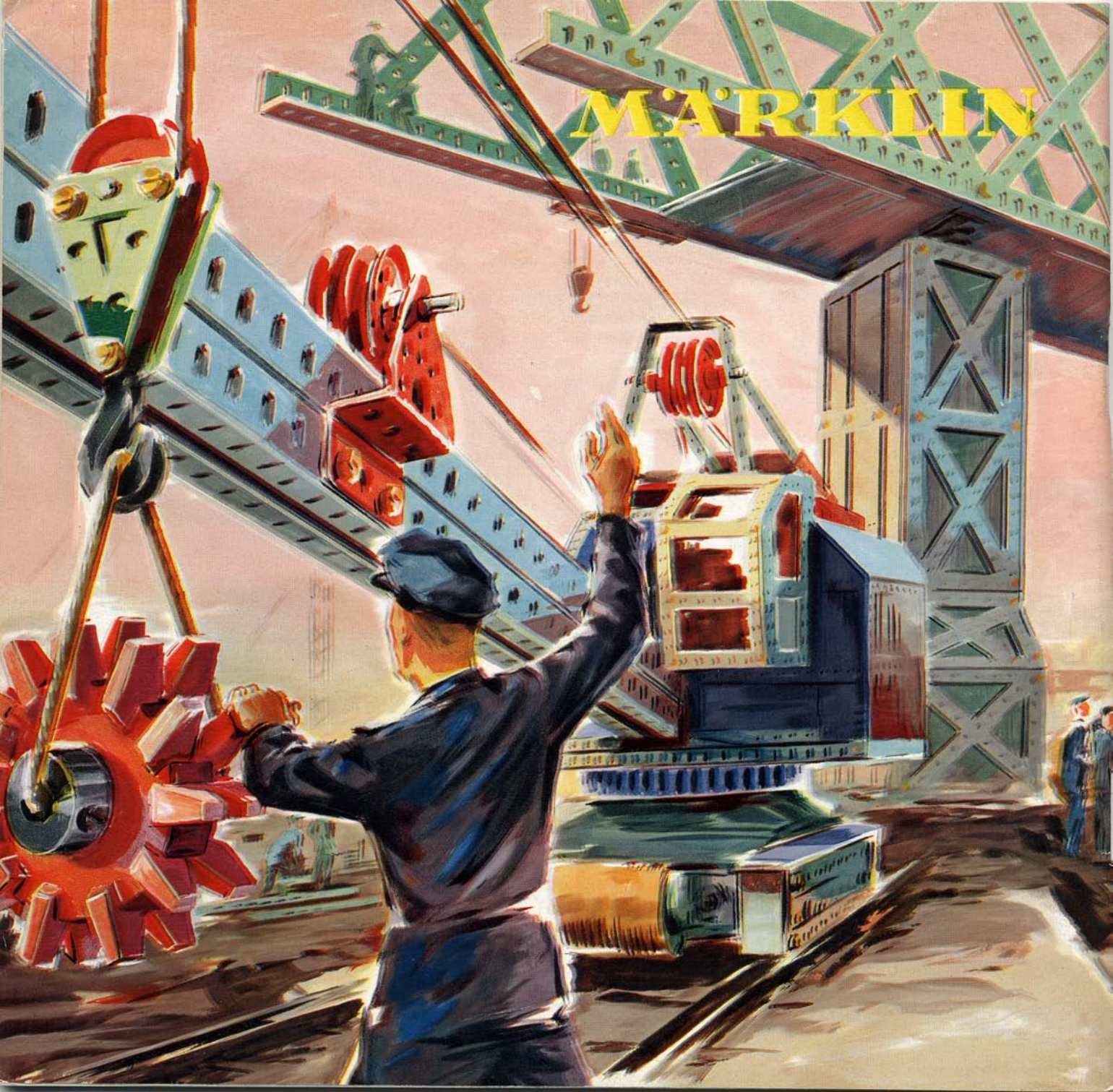
8152 $.20
Rubber tyres, 18 mm (¹¹/₁₆ in. diameter, packed in cartons of ten, to fit miniature cars 8000, 8001, 8009, 8012 and 8017



8011 $1.10
Mercedes Formula Racing Car, with racing numbers Zinc-base die casting, 4 in. long

8010 $.95
Mercedes Formula Racing Car, without racing numbers

0204 $.15
Racing Number Transfers for racing cars (five times three numbers)


MÄRKLIN