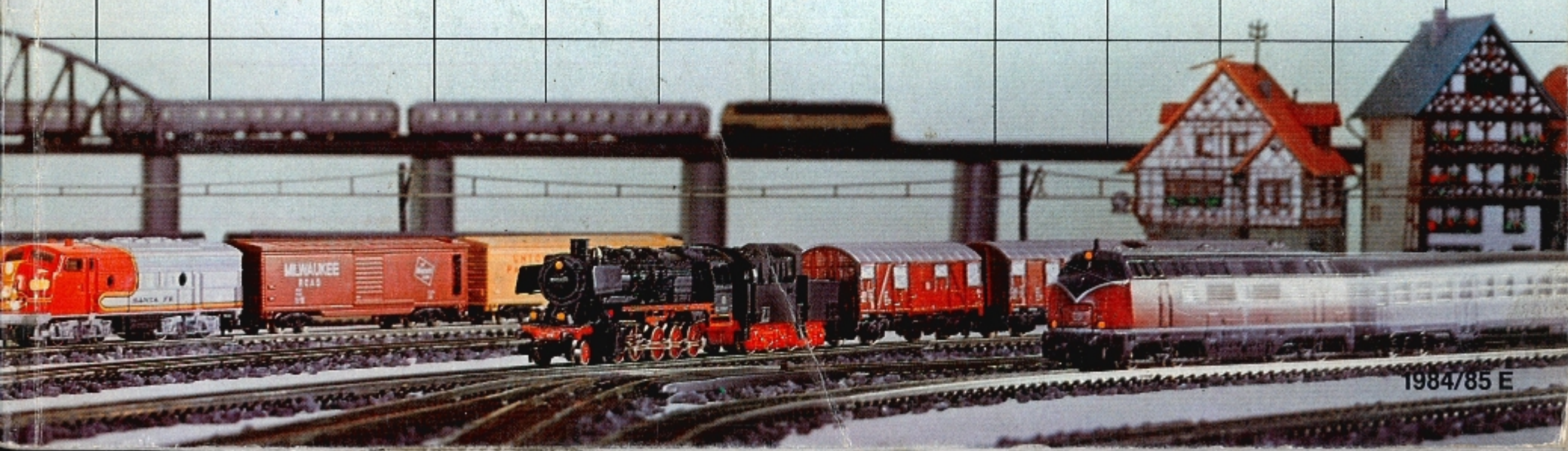


**märklin**

**Märklin mini-club -  
the smallest electric  
railway in the world**



1984/85 E





**Gebr. Märklin & Cie. GmbH**  
**Postfach 860/880**  
**D-7320 Göppingen**  
**Federal Republic of Germany**

Delivery from factory to private individuals is not possible. We reserve the right to make changes and availability is not guaranteed. Measurements shown for reference only. This catalog supercedes all previous issues.

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Dear Märklin Enthusiast,

Here is a special 78 page Märklin mini-club catalog. This comprehensive brochure and the large assortment of new items signifies that Märklin is celebrating its 125th Jubilee.

The unique Jubilee products as well as the wide range of road names offered in H0, mini-club, and Gauge I are our way of saying thanks to the millions of Märklin enthusiasts throughout the world.

Since 1859, Märklin has excited the hearts of young and old with its products. Today, Märklin is synonymous with Model Railroading. In February, 1972, Märklin mini-club made its debut. In its 12 and half year history, the smallest electric railway in the world has one of the largest followings of model railroaders in the world.

Come, celebrate our 125th birthday. The activities signalling this jubilee year are also a signal for the future. Because Märklin will continue in the coming 125 years to commit itself to offering quality, reliability, and new ideas in this exciting hobby.



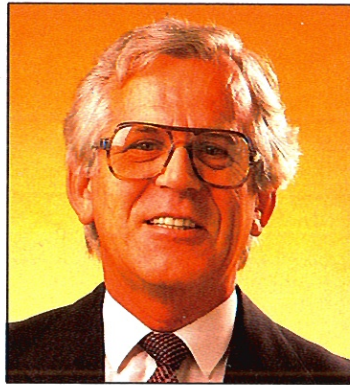
# Märklin mini-club – The smallest electric Railway in the World

Märklin mini-club is a model railroad designed for adults and whose fascination lies in its exacting technology and unbelievable smallness. Even for the most fastidious individual, mini-club is more than just the smallest electric railway in the world. It is the symbol of stunning precision and love for the finest details. It is hard to believe how little space a large mini-club layout requires. And, mini-club is available only from Märklin.

**Model Size Z**  
**Gauge 6.5 mm (1/4")**  
**Scale 1:220**



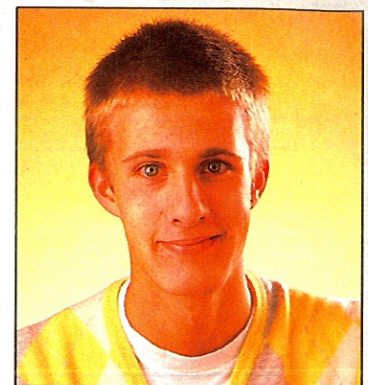




You know what excites me the most about mini-club? It is the precision models, whose detailing is unbelievable for something that small, and the operating possibilities of this extraordinary model railroad scale. In summary, mini-club is a high point in technological development. Its attraction is like that of a powerful magnet. This is so even for my friends to whom I show my collection and who watch my mini-club trains in full steam on my desk top layout.



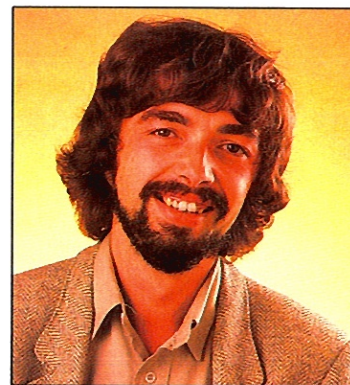
In my profession, I have to be my own "man". This is true even at home when I have to repair things. Yet, people still claim that model railroading is a "man's" hobby. Just the same, I find Märklin mini-club an especially fascinating form of model railroading. Whoever sees my self-designed (and self-built) mini-club layout is speechless.



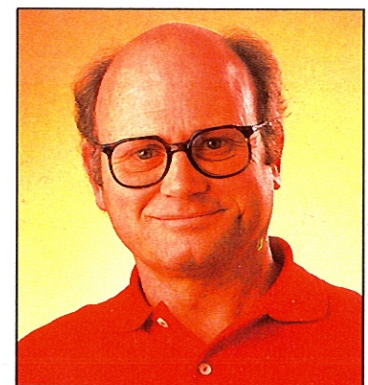
I have always been a railfan. That is why mini-club is so attractive. Since it is now possible to build an entire railroad in the smallest of spaces, I especially enjoy operating long trains, just like prototype. For this reason, I built my layout in two levels. Simply put – the smallest electric railway in the world is for me the greatest.



My wife surprised me with a mini-club gift and that made me a model railroader. It really thrilled me as the little train puffed its way around the birthday cake. That was the beginning of a fascinating hobby. Now I am planning something special: a mini-club layout in an attache case. I can just see the reaction now when I open my "files".



I'll have to admit, that I have never really built a real model railroad. But, mini-club constantly brings me ideas which challenge my modelling ability. Could you imagine a mini-club layout in the night table drawer, or on the Tiffany lamp, or even in a frying pan? Pardon me, fellow modeler, but these ideas turn me on.



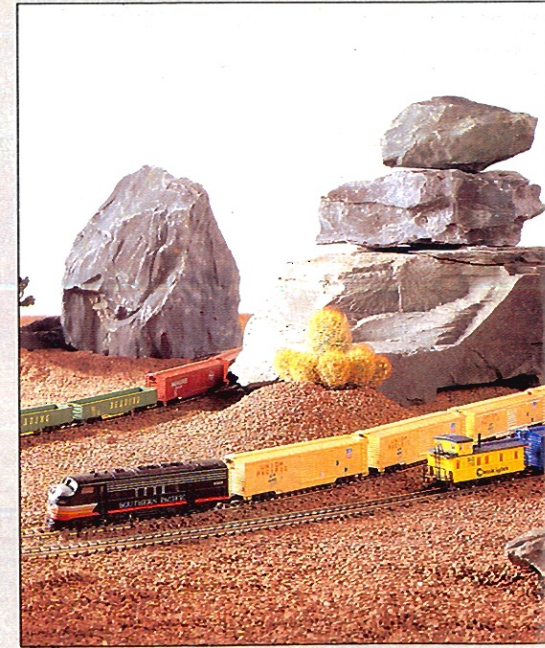
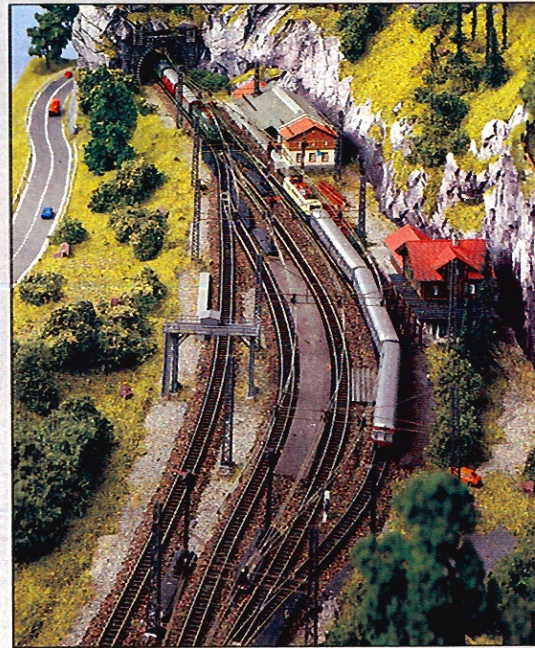
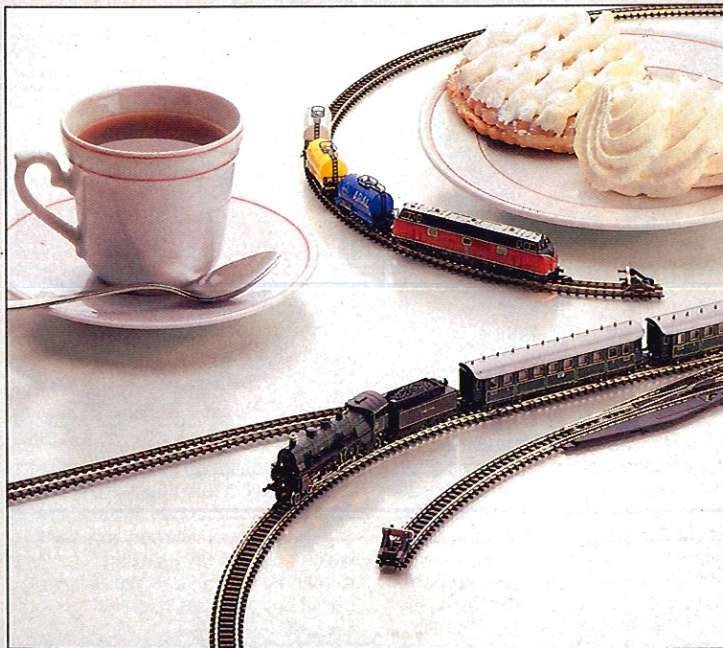
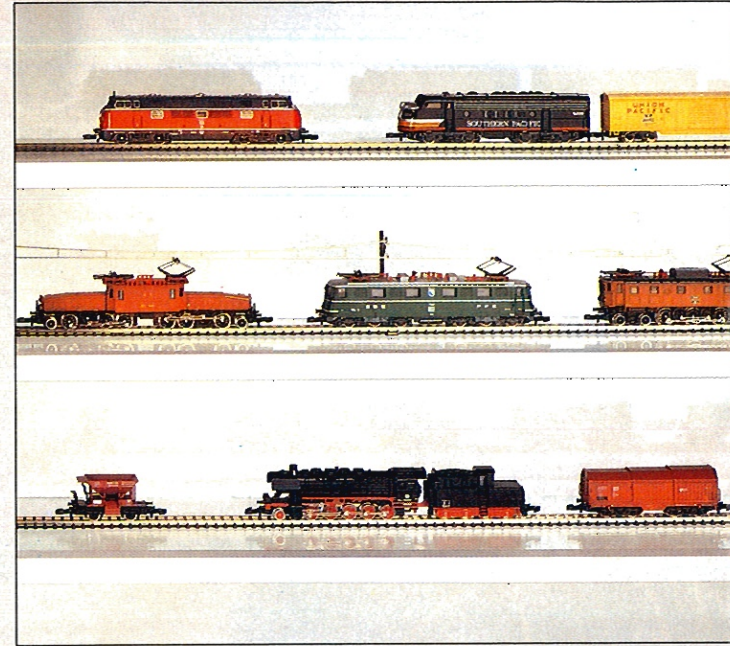
Model railroading is my hobby. mini-club gave me completely new ideas in layout building. Finally, I was able to establish a harmonious relationship between scenery and track which reflected my exacting demands. My true-to-scale mini-club layout is a pleasure to look at.



# Do Something That is Really Fun

mini-club is a Märklin exclusive and a model railroad for adults. Its stunning precision and unbelievable smallness excites model railroaders all over the world. Give a free rein to your fantasy and creativity!

Märklin mini-club is a sight to behold.



Unpack – Set up – Go.

Just like the real thing – only 1/220th as large.

Märklin mini-club, cowboy style.



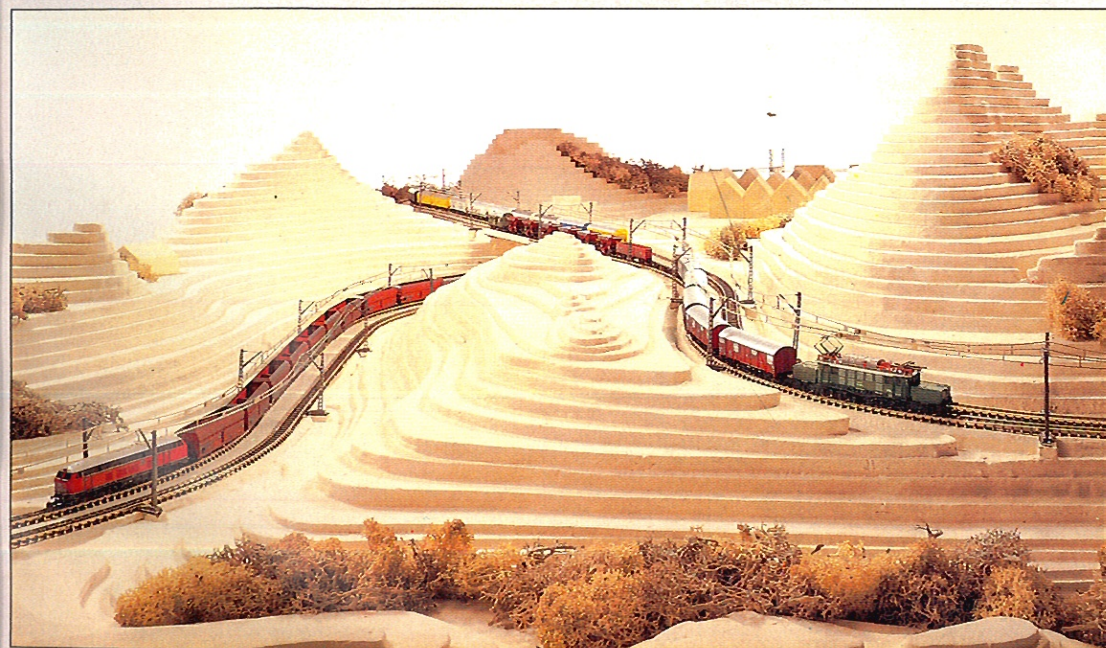
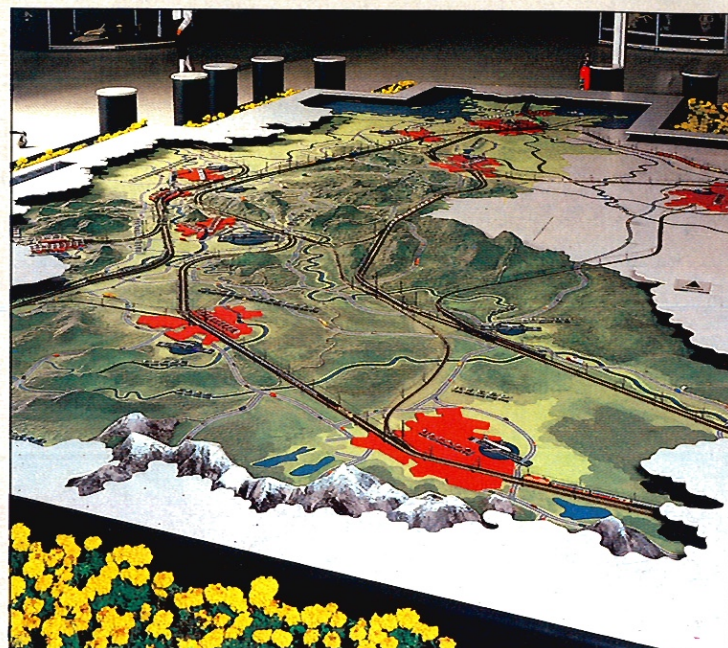
Märklin mini-club goes anywhere.



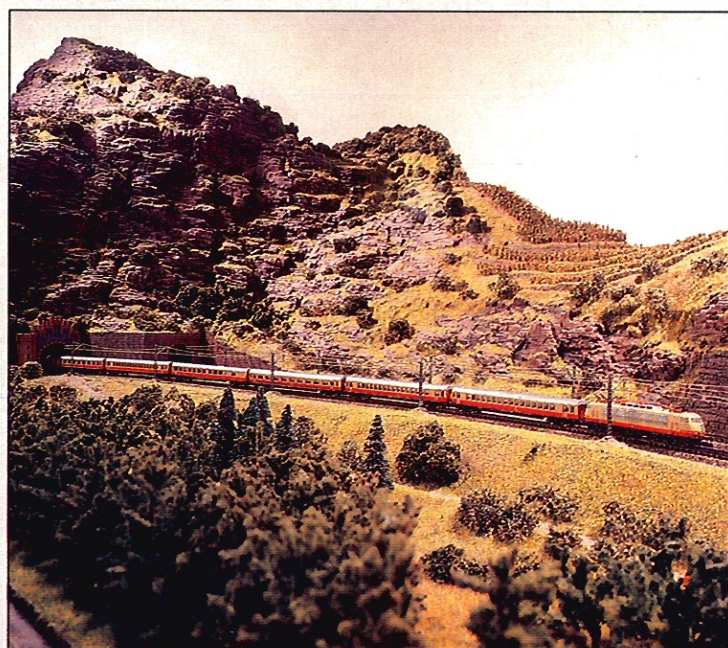
More fun on more stages.



The largest mini-club layout in the world.



Something different in scenery.



The new dimension in layouts.



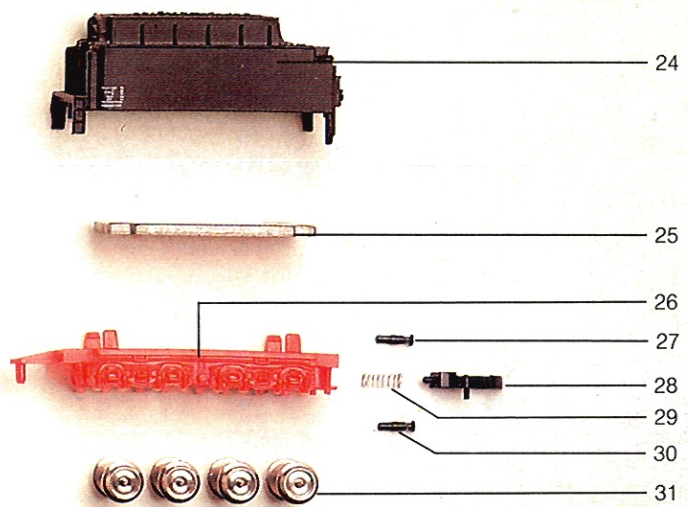
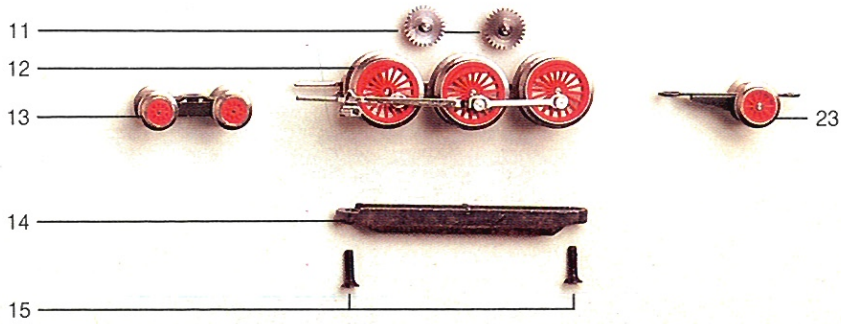
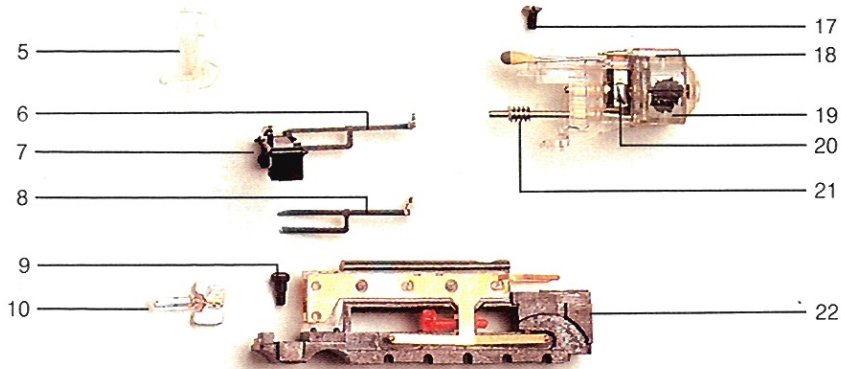
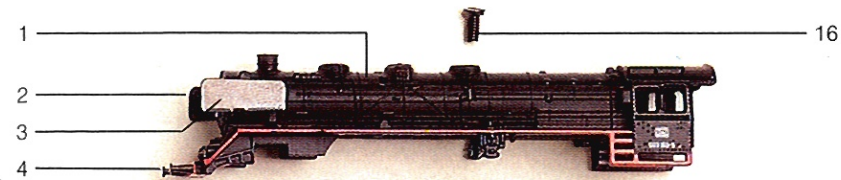
# The Smallest with the Greatest Precision: Typical Märklin mini-club

Märklin mini-club is the smallest electric railway in the world. That is well known. But there is more: the proof of refined technology, stunning precision, and exacting care for the finest of details. Typical Märklin.

No wonder! Märklin mini-club holds the world's record for model railroading: 1219 hours steady running for an elapsed distance of 720 kilometers (273.8 miles).\* Who dares to break that record?

\* See "Guinness Book of Records"





### Express Locomotive 8885

- |                                 |   |
|---------------------------------|---|
| 1 Locomotive Body (complete)    | 17 Screw                                  |
| 2 Smoke Deflector (right)       | 18 Motor (complete)                       |
| 3 Smoke Deflector (left)        | 19 Field Magnet                           |
| 4 Buffer                        | 20 Pair of Brushes                        |
| 5 Lens                          | 21 Shaft with worm gear<br>and tooth gear |
| 6 Crosshead Guide (right)       | 22 Frame                                  |
| 7 Cylinder Block                | 23 Trailing Truck                         |
| 8 Crosshead Guide (left)        | 24 Tender Body                            |
| 9 Cylinder Screw                | 25 Weight                                 |
| 10 Light Bulb                   | 26 Floor of Tender                        |
| 11 Intermediate Gear            | 27 Buffer                                 |
| 12 Driving Wheels with Siderods | 28 Coupler                                |
| 13 Lead                         | 29 Coupler Spring                         |
| 14 Gear Cover                   | 30 Buffer                                 |
| 15 Screw                        | 31 Wheel set                              |
| 16 Screw                        |   |

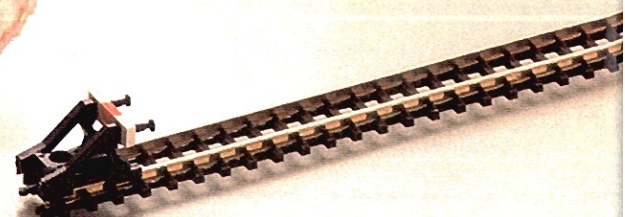


# All Aboard

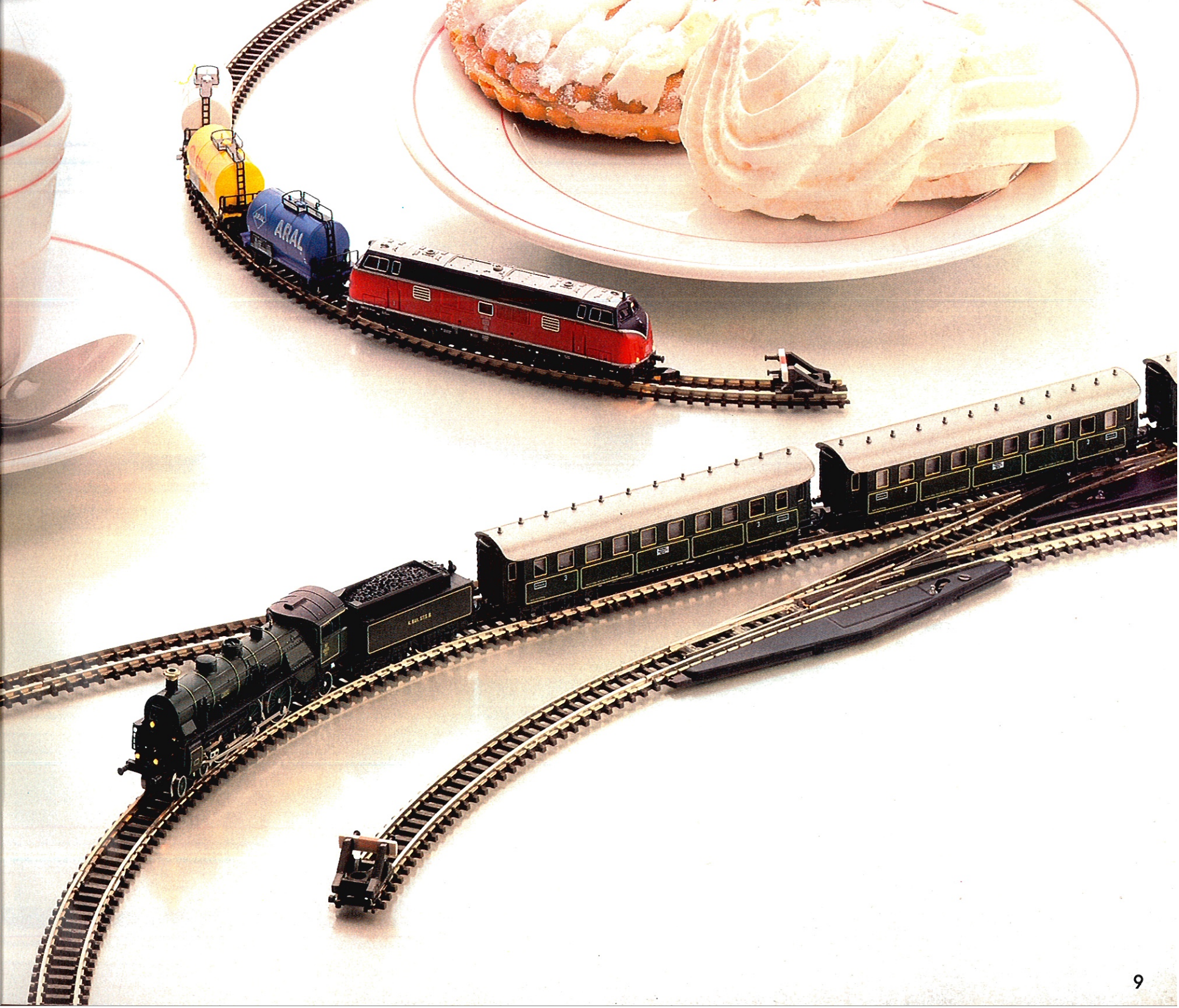
To be a locomotive engineer! Wasn't that a childhood dream? You can now fulfill this wish.

Choose a train! Three different beginner sets offer everyone the opportunity to get aboard mini-club railroading.

Welcome to the world of mini-club railroaders.









# Beginner Sets

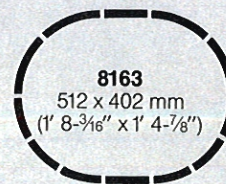
Step into the World of  
mini-club Pleasures

1

**8163 S** 220 Volt  
**8164 S** 100 Volt Japan  
**8165 S** 110 Volt (60 Hz)  
**8166 S** 240 Volt

**Freight Train with Power Pack**  
Includes: Tank locomotive, 2 freight  
cars, 2 straight tracks, 10 curved  
tracks and power pack · Train length  
160 mm (6-5/8")

This beginner set can be extended  
into a larger layout using either the  
SET program (pages 14/15) or track



and accessories selected from open  
stock. Your layout is limited only by  
your imagination.

2

**8167 S+E** 220 Volt

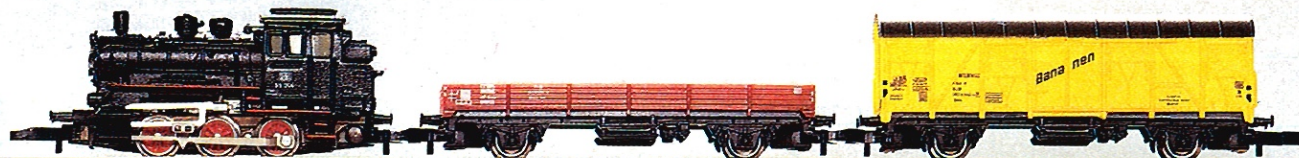
**Freight Train with Power Pack**  
Includes: Diesel switcher, 3 freight  
cars, 12 straight tracks, 12 curved  
tracks, 2 manual switches, freight  
house kit with glue tube and power  
pack · Train length 210 mm (8-3/4")

This beginner set can be extended  
into a larger layout using either the  
SET program (pages 14/15) or by  
selecting open stock track and acces-  
sories. Use your imagination to create  
the layout of your choice.



1

8163



2

8167

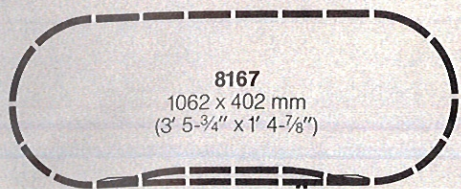


3

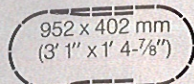
8158



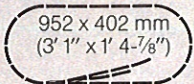




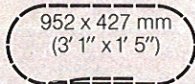
**8167**  
1062 x 402 mm  
(3' 5-3/4" x 1' 4-7/8")



952 x 402 mm  
(3' 1" x 1' 4-7/8")



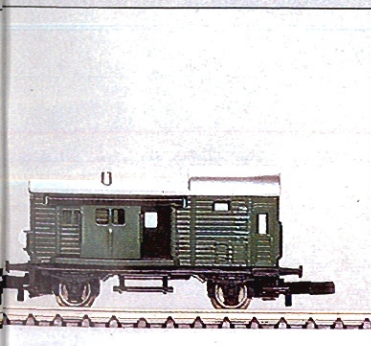
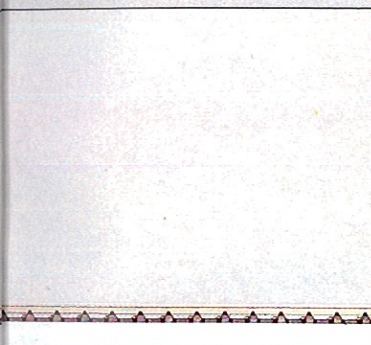
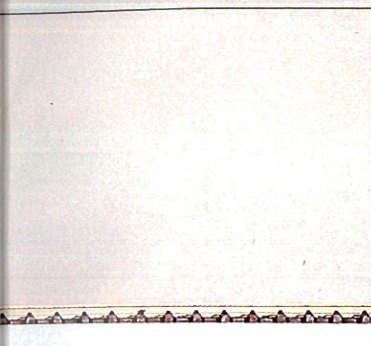
952 x 402 mm  
(3' 1" x 1' 4-7/8")



952 x 427 mm  
(3' 1" x 1' 5")

The track included with beginner set 8167 can be built into the layout

shown here.

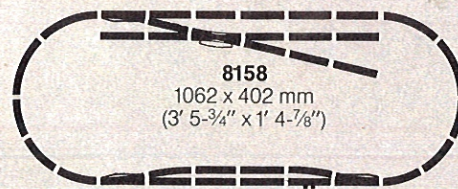


Illustrations are actual size

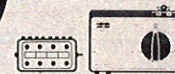
### 3

- 8158** 220 Volt
- 8159** 100 Volt Japan
- 8160** 110 Volt (60 Hz)
- 8161** 240 Volt

**Freight Train with Power Pack** - Includes: Tank locomotive, 4 freight cars, 20 straight tracks, 12 curved tracks, double slip switch, 3 remote control switches, 3 bumpers, water spout, position control box, distribution strip, wire, plugs, sleeves, and power pack. Train length 273 mm (10-3/4")



**8158**  
1062 x 402 mm  
(3' 5-3/4" x 1' 4-7/8")



This beginner set can be extended into a larger layout using either the SET program (pages 14/15) or by selecting individual tracks and accessories.









# Just like Prototype

Märklin mini-club are mirror images of reality – only 220 times smaller. The fascination of watching long trains snake their way through valleys and villages can now be accurately depicted in your home. A heavy freight dragging 20 tank cars or a sleek limited with 7 first class cars is about one meter (3' 3") long. That is typical Märklin.





# SET-Expansion Program

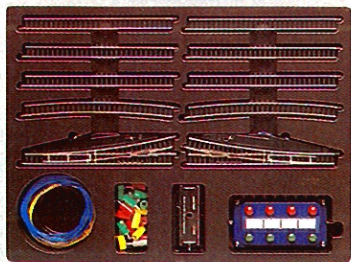
The SET expansion program is a step by step system for extending the beginner set track oval into the layout shown on these pages.

Beginning with the tracks in beginner set 8163 S, the next step is to add either the E 8190 or the E 8191. The three "T" sets shown here can be added in any sequence.

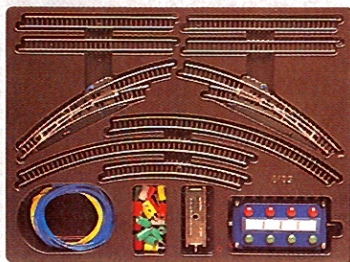
## The Marklin R-Way Club Inc.



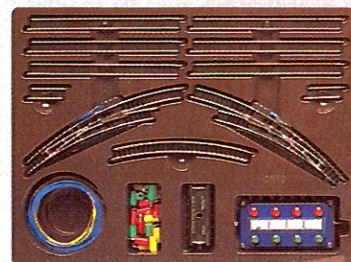
**8190 · Expansion Set E** · With manual switches · Includes: 10 straight tracks, 2 curved tracks, 2 manual switches, instructions



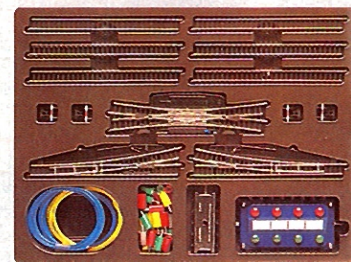
**8191 · Expansion Set E** · With remote control switches · Includes: 10 straight tracks, 2 curved tracks, 2 remote control switches, position control box, distribution strip, leads, sockets, plugs, instructions



**8192 · Double Track Set T1** · Includes: 6 straight tracks, 6 curved tracks, 2 remote control curved switches, position control box, distribution strip, leads, sockets, plugs, instructions

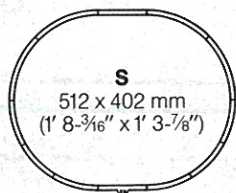


**8193 · Station Passing Track Set T2** · Includes: 8 straight tracks, 2 curved tracks, 2 remote control curved switches, position control box, distribution strip, leads, sockets, plugs, instructions

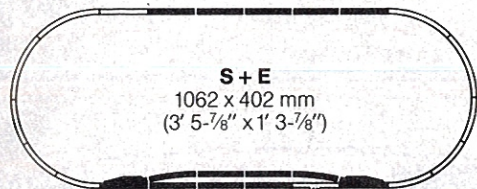


**8194 · Marshalling Yard Set T3** · Includes: 10 straight tracks, double slip switch, 2 remote control switches, 4 bumpers, position control box, distribution strip, leads, sockets, plugs, instructions

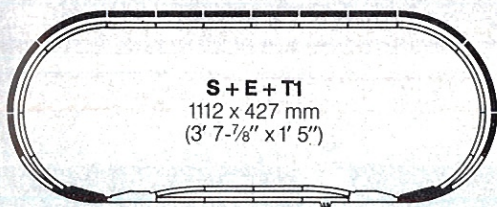




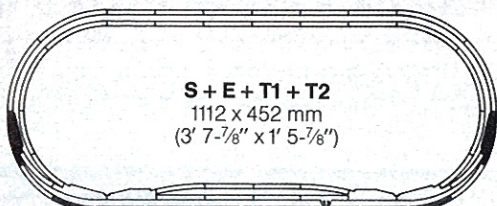
**S**  
512 x 402 mm  
(1' 8-3/4" x 1' 3-7/8")



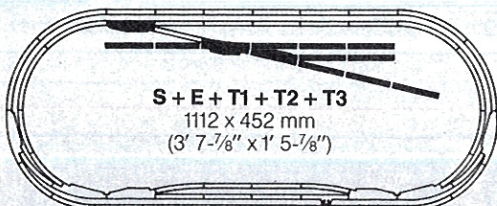
**S+E**  
1062 x 402 mm  
(3' 5-7/8" x 1' 3-7/8")



**S+E+T1**  
1112 x 427 mm  
(3' 7-7/8" x 1' 5")



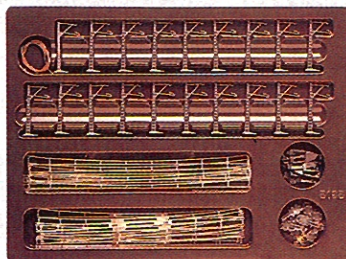
**S+E+T1+T2**  
1112 x 452 mm  
(3' 7-7/8" x 1' 5-7/8")



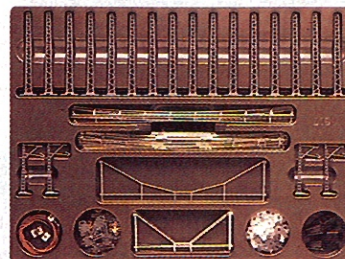
**S+E+T1+T2+T3**  
1112 x 452 mm  
(3' 7-7/8" x 1' 5-7/8")



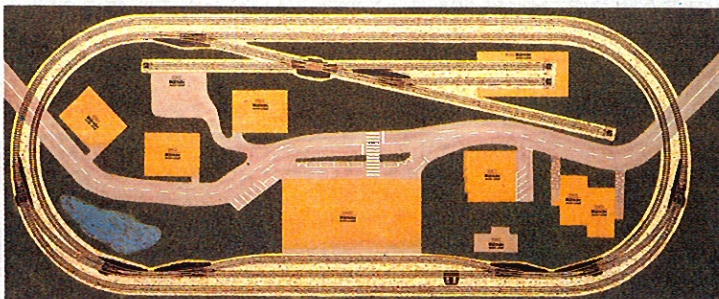
## Overhead Sets



**8198 · Overhead Set S+E** · Contains all necessary items for adding catenary to the S and E sets · Includes: 19 masts, 20 wire sections, 8 insulator sections, 6 connecting springs, instructions



**8199 · Overhead Set T1+T2+T3** · Contains all necessary items for adding catenary to the three "T" sets · Includes: 4 masts, 16 tower masts, 30 wire sections, 8 cross spans, 30 contact wire insulators, 8 insulator sections, 6 connecting springs, 5 catenary wire terminals, instructions



**8930 · Toporama** · Landscaping guide for the SET program · Right-of-way clearly marked · Multi-colored · Can be used with sets S+E onwards · Size 50 x 120 cm (1' 7-3/4" x 3' 11-1/4")



# Special Trains

These trains are treasured gifts, they are beautifully packaged and prototypically accurate. Many items pictured here are not available separately.

1

**8103 · Track Work Train** · Includes: 1 diesel switcher 8864, 1 crane car 8621, 1 low-side gondola 8610 with boom support, 1 low-side gondola 8610 with rail sections, 2 high-side gondolas 8622 loaded with ballast and 1 crew car · Train length 440 mm (1' 5-3/8")

The crew car and the loaded gondolas are not available separately.

■ Construction trains have varied consists, e. g.: the number of crew and work cars depend on the type of work to be done (MOW, B & B, etc.). If trains will be working far from major terminals, retired sleepers and diners are added for the convenience of the workers.

2

**8104 · Passenger Train of the former Prussian State Railways** · Includes: 1 tank engine (series T 12, built for passenger service), 1 6-wheel baggage car, and 4 6-wheel coaches (one 2nd class, one 2nd and 3rd class, one 3rd class, one 4th class) · Train length 360 mm (1' 2-3/16")

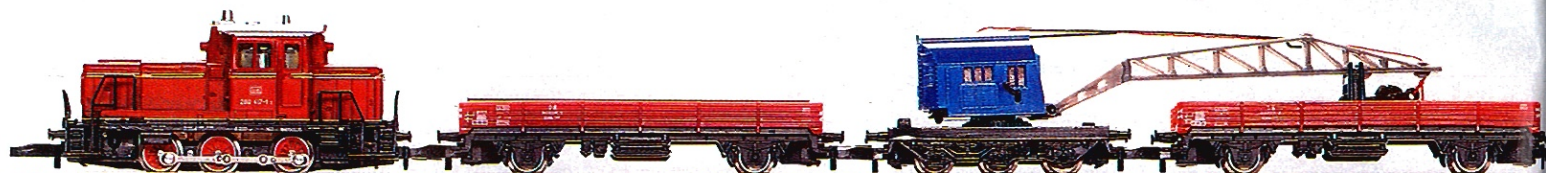
These cars and the engine feature accurate coloring and stenciling and are not available separately.

■ At the beginning of the 20th century, Prussian passenger trains were characterized by 6-wheel compartment cars. A benefit of these cars was quick entraining and detraining. These were 4 classes of travel. These classes were noted with Roman numerals as well as different colors.

Illustrations are actual size

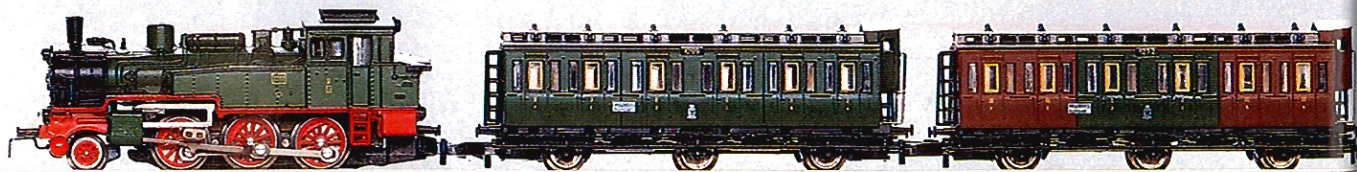
1

8103



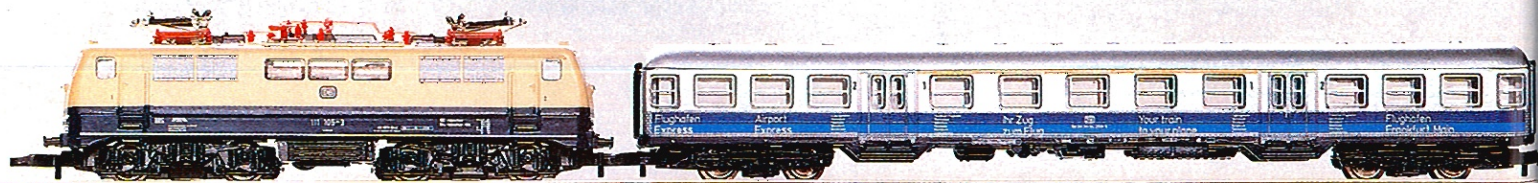
2

8104



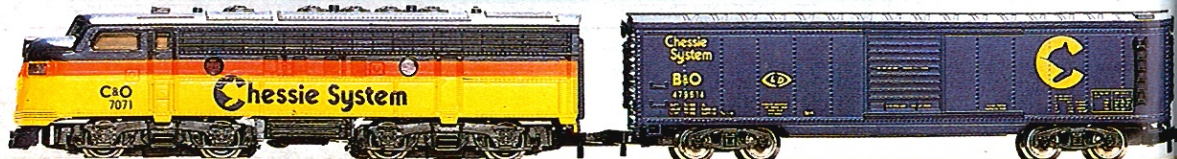
3

8105



4 NEW

8106





3

**8105 · Airport Train** · Includes: 1 class 111 electric locomotive with special road number and modern style pantographs, 1 1st and 2nd class commuter coach, 2 2nd class commuter coaches · Each coach has own road number · Train length 452 mm (1' 5-3/4")

Engine and cars not available separately.

■ The airport train is the German Federal Railways direct connection train between the Frankfurt/M airport and Ludwigshafen. The speedy train makes three round trips daily and stops en route at Mannheim, Weinheim, Heppenheim, Bensheim, and Darmstadt. The train is distinguished from other trains by its special livery.

## 4 USA

**8106 · Chessie System Freight Train** · Includes: 1 C & O F 7 diesel, 1 B & O box car, 1 C & O box car, 1 WM box car, 1 B & O caboose · Entire train is a special run · Train length 365 mm (1' 2-1/2")

Engine and cars not available separately.

■ The corporate name "Chessie System" evolved from "Chessie", the famous kitten. The illustration of her sleeping on a pillow was first used in a newspaper ad for the crack C & O train "George Washington". The public's

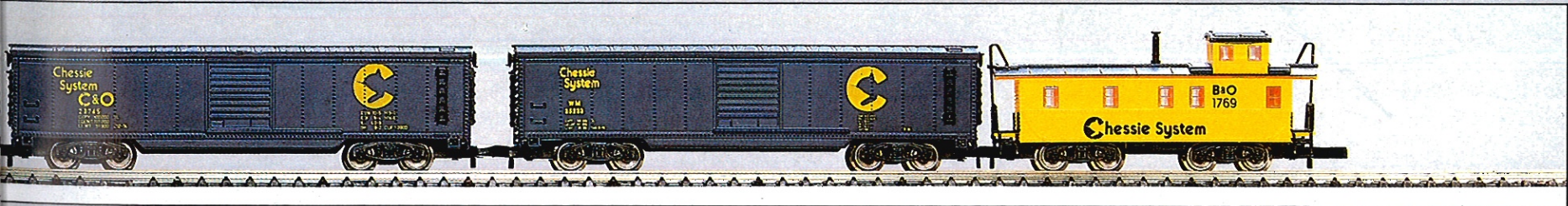
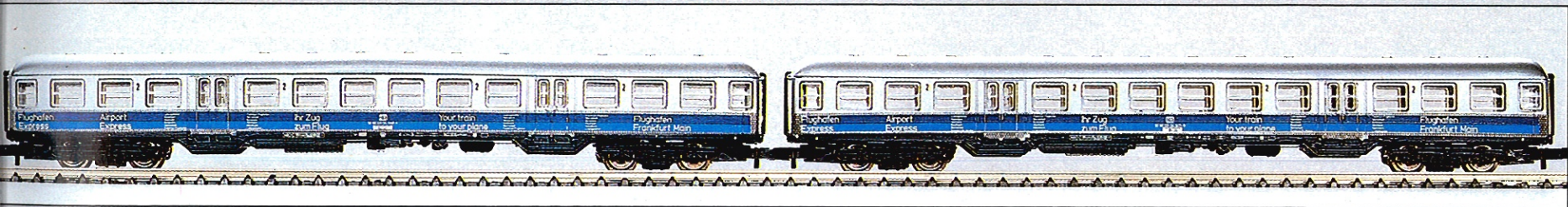
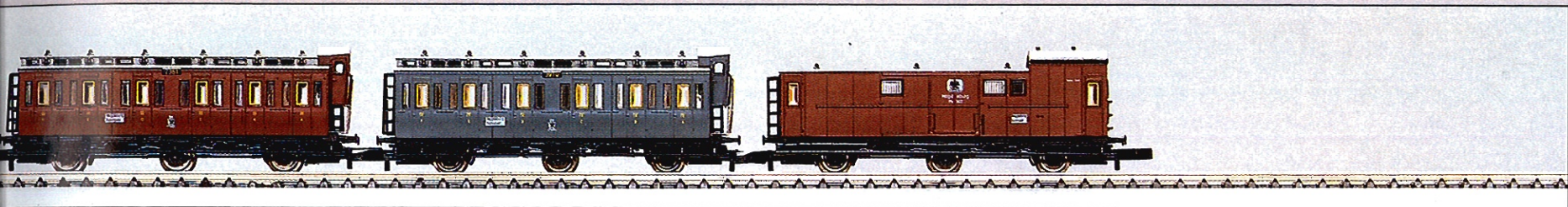
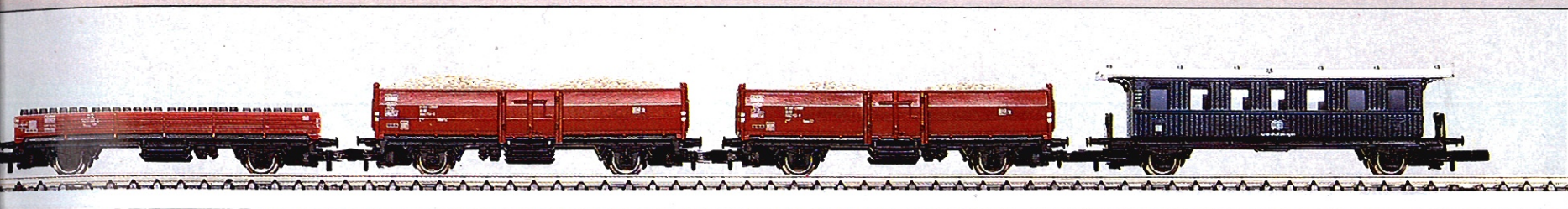
response to this ad was so great, that Chessie quickly became the company logo adorning everything from Boxcars to menus.

In 1961, the C & O acquired the Baltimore & Ohio and Chessie the cat gradually replaced the old Capitol Dome. Both companies remained independent despite the corporate merger.

In 1973, the Western Maryland was acquired by the Chessie. Since then, the general name "Chessie System" has been applied to the combined

railroads. Although cars and engines still carry reporting marks for the three companies (C & O, B & O, and WM), they are deployed as if all three companies were one.

Chessie is a service mark and is reproduced with the permission of the "Chessie System" railroads.

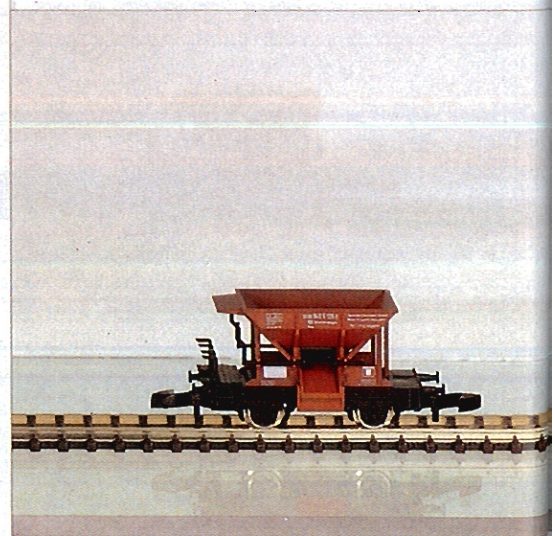
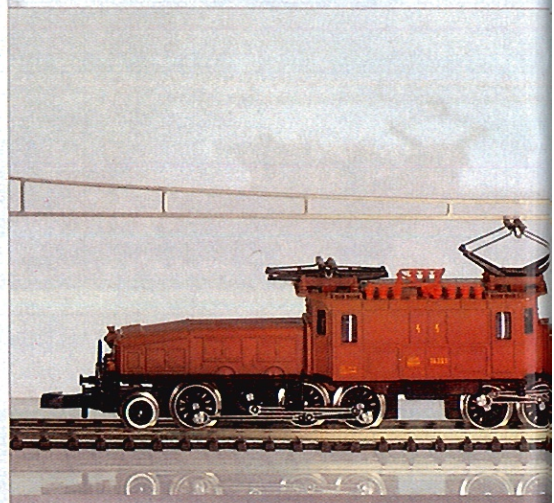
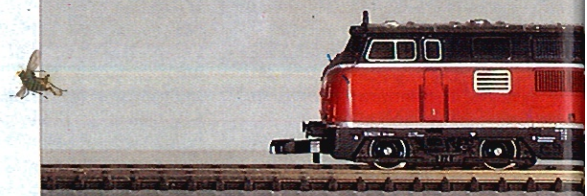




# For Those, with an Eye for the Finer Things: Märklin mini-club

The smallest electric railway in the world is a genuine achievement of Märklin technology. The stunning miniatures are treasured as masterpieces throughout the world.

For this reason – as with everything Märklin makes – mini-club is a collector's item. They are really too exquisite to merely stick in a drawer after operating them.









# Steam Engines

## Locomotives shown here feature:

All driving axles powered · Three working headlights (8800 not illuminated) · Metal body and trucks · Automatic couplers at rear of tender or tank engine

Q = 8953

## Important:

**Operate mini-club trains only on Märklin 8 V DC power packs.**

**Operation on higher voltages may damage engine.**

The locomotives have radio interference suppressors. Such suppressors are also included in the power packs and the feeder tracks 8590 and virtually eliminate the chance of mini-club operation disturbing a neighbor's radio or TV reception.

**8974 · Re-railing Ramp** · Easy way to get cars on the track

1

**8800 · Tank Locomotive** · Class 89 · Automatic couplers at each end · Length over buffers 45 mm (1-3/4")

3

**8896 · Tank Locomotive** · German Federal Railways' class 86 · Three working headlights at each end · Automatic couplers at each end · Length over buffers 63 mm (2-1/2")

Q = 60210 (rear)

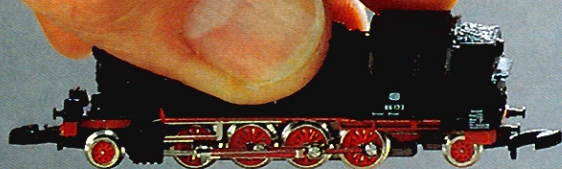
2

**8895 · Tank Locomotive** · German Federal Railways' class 74 · Coupling hook in front · Length over buffers 55 mm (2-3/16")

1  
8800



5  
8892





## 4 Belgium

**8801 · Tank Locomotive** · Belgian State Railways' (NMBS/SNOCB) class 96 · Hook coupler in front · Length over buffers 55 mm (2- $\frac{3}{16}$ " )

The Märklin mini-club program offers one of the most famous German steamers in three popular versions. The S 3/6 of the Royal Bavarian State Railways (8892), the German State Railways' class 18<sup>4</sup> (8891), and the German Federal Railways' class 18<sup>4</sup> (8893).

5

**8892 · Express Locomotive with Tender** · Royal Bavarian State Railways' class S 3/6 · Length over buffers 106 mm (4- $\frac{3}{16}$ " )

7

**8893 · Express Locomotive with Tender** · German Federal Railways' class 18<sup>4</sup> · Length over buffers 106 mm (4- $\frac{3}{16}$ " )

Illustrations are actual size

6

**8891 · Express Locomotive with Tender** · German State Railways' class 18<sup>4</sup> · Length over buffers 106 mm (4- $\frac{3}{16}$ " )

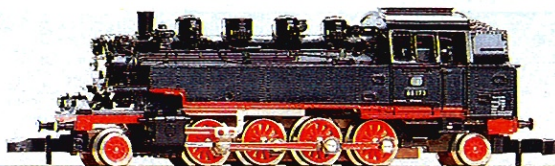
2

8895



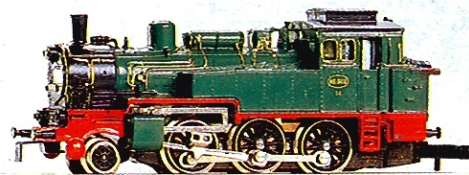
3

8896



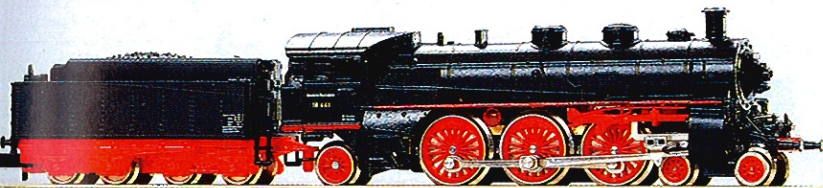
4

8801



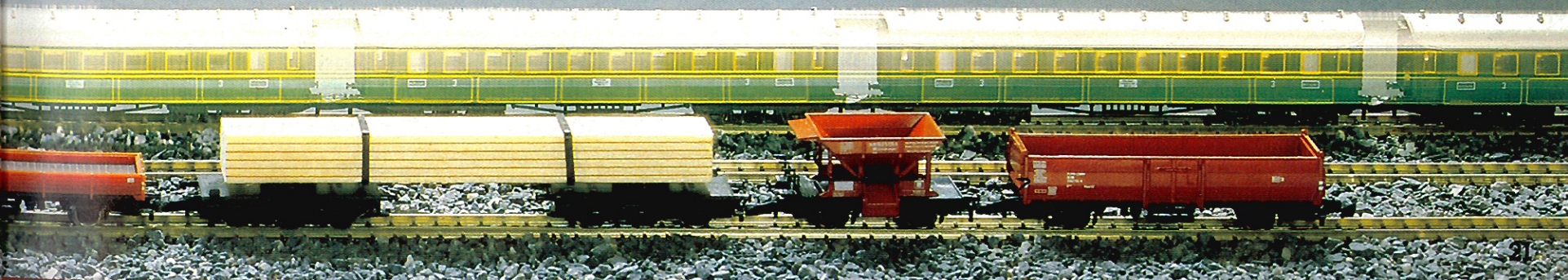
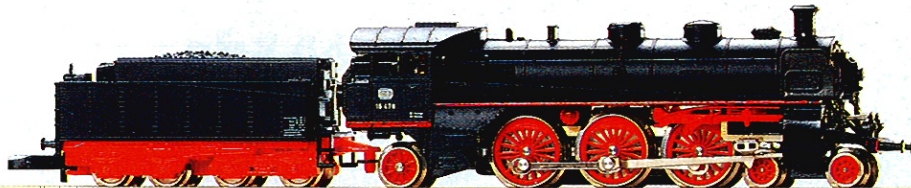
6

8891



7

8893





**Locomotives shown here feature:**

All driving axles powered · Three working headlights (8803 will accept the 8953 illumination set) · Metal body and trucks · Automatic couplers at rear of tender or tank engine

Q = 8953

**Important:**

Operate mini-club trains only on Märklin 8 V DC power packs.  
Operation on higher voltages may damage engine.

456	540
528	612
600	684
672	756
744	828
816	900
888	
960	

**1 NEW**

8884



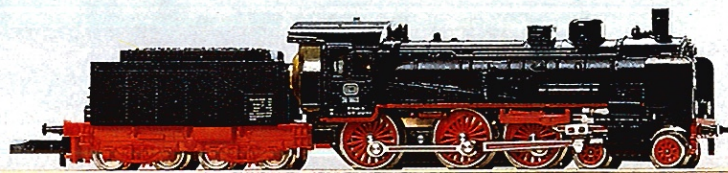
**2**

8803



**3**

8899



**4**

8827

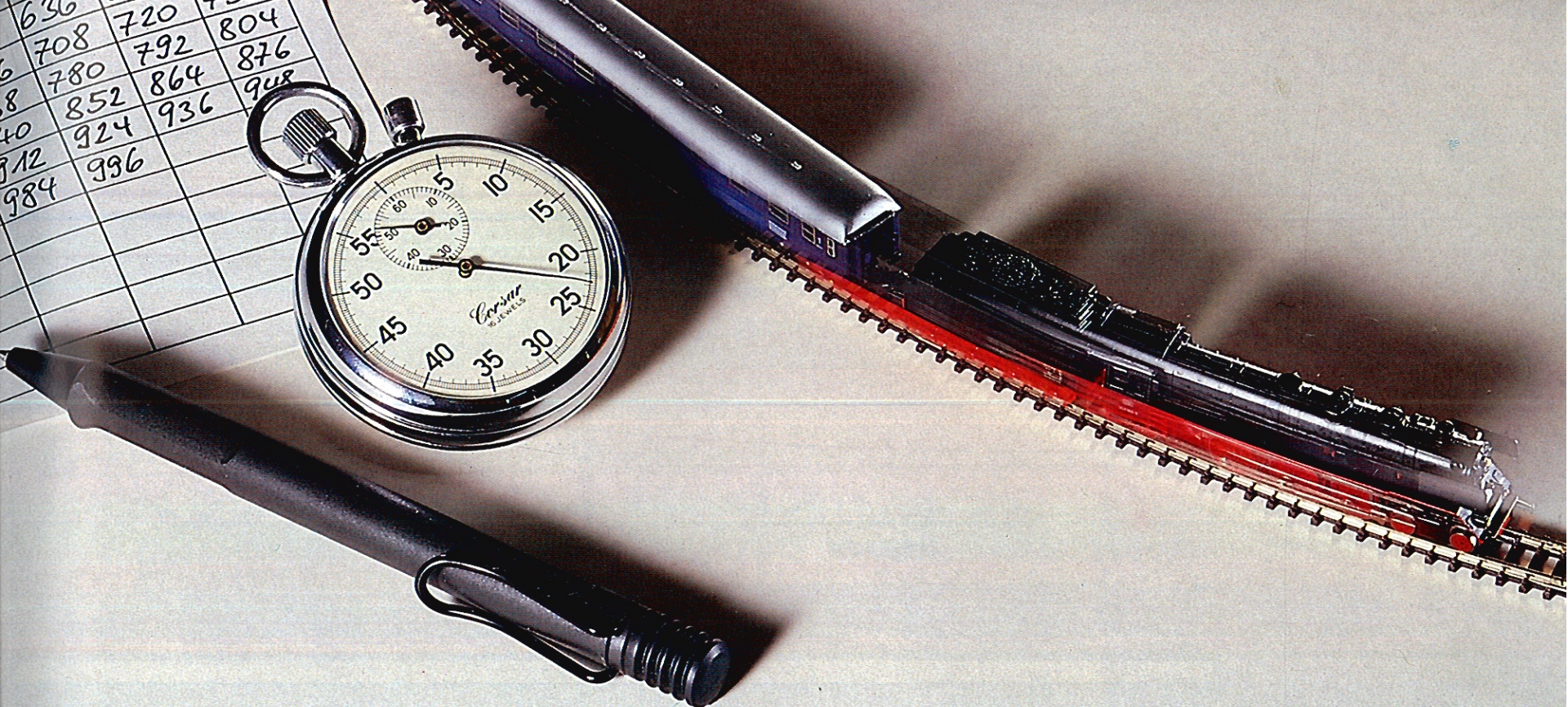


**5**

8885







1

**8884 · Freight Locomotive with Brakeman's Cab Tender** · German Federal Railways' class 050 · Automatic couplers at each end · Length over buffers 109 mm (4-<sup>3</sup>/<sub>8</sub>" )

2

**8803 · Passenger Locomotive with Tender** · German Federal Railways' class 24 · Length over buffers 82 mm (3-<sup>1</sup>/<sub>4</sub>" )

3

**8899 · Passenger Locomotive with Tender** · German Federal Railways' class 038 · Length over buffers 89 mm (3-<sup>1</sup>/<sub>2</sub>" )

4

**8827 · Freight Locomotive with Tender** · German Federal Railways' class 41 · Length over buffers 112 mm (4-<sup>3</sup>/<sub>8</sub>" )

5

**8885 · Express Locomotive with Tender** · German Federal Railways' class 003 · Length over buffers 112 mm (4-<sup>3</sup>/<sub>8</sub>" )

A Märklin mini-club 8885 ran non-stop on a test track at a neutral testing institute setting a world record now appearing in "Guinness Book of Records": 1219 hours covering 720 kilometers (447 miles).



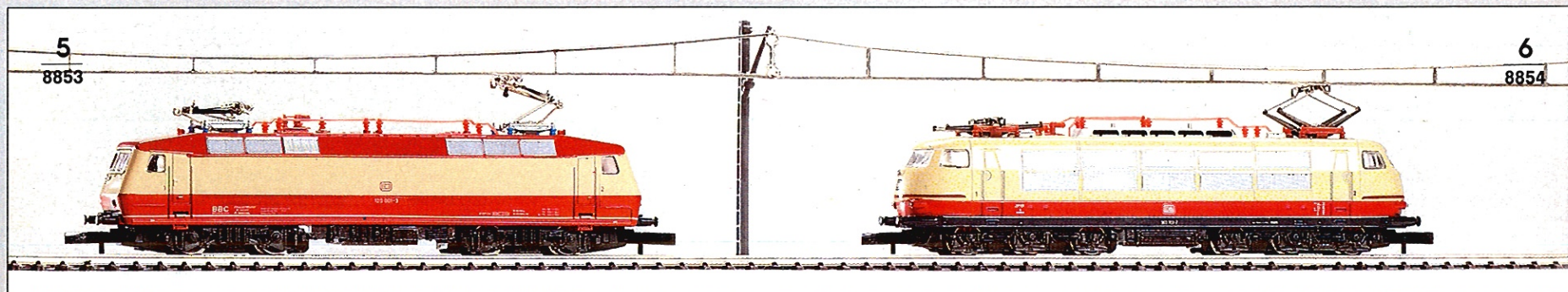
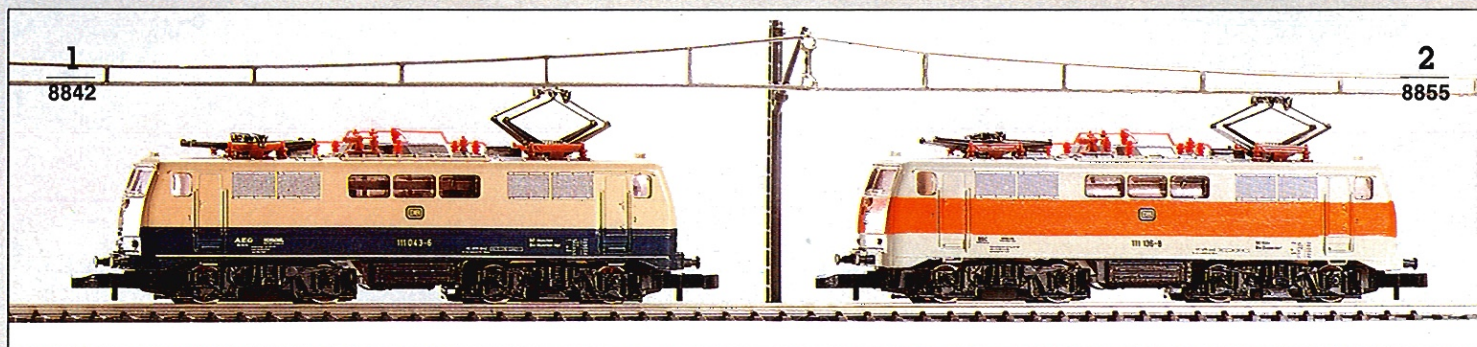
# Electric Locomotives



## Locomotives shown here feature:

Both trucks powered · Three working headlights at each end, illuminated according to direction · Operates from track current or from overhead wires · Metal trucks · Automatic couplers at each end

Q = 8953



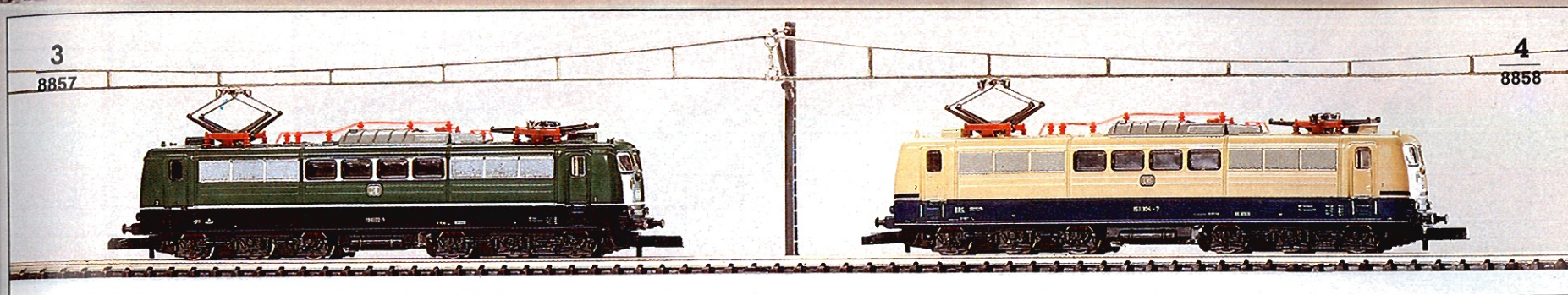
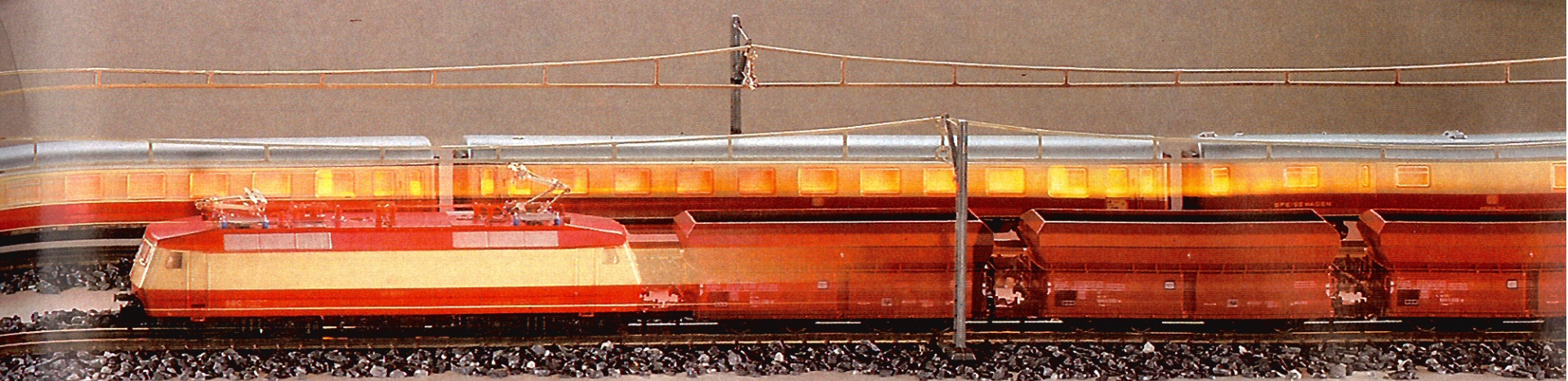
**7199 · Bottle of Oil** · Contains about 10 ccm special oil for cars and engines

**Important:**  
Operate mini-club trains only on Märklin 8 V DC power packs.  
Operation on higher voltages may damage engine.

## Spare Parts for Locomotives

Locomotive	8800	8801	8802	8803	8804	8811	8816	8820	8821	8822	8827	8842	8850	8851	8852
Brushes	8987	8987	8988	8987	8987	8989	8988	8989	8989	8989	8989	8989	8988	8989	8989
Light bulb		8953		(8953)		8953	8953	8953	8953	8953	8953	8953	8953	60210	8953
Pantograph						8955				8955		8955 (8956)	8955	8955	8955





**1**  
**8842 - Electric Express Locomotive** - German Federal Railways' class 111 - Length over buffers 76.8 mm (3")

**2**  
**8855 - Electric Locomotive** - German Federal Railways' class 111 as used on fast passenger trains in the Rhine and Ruhr districts - Length over buffers 76.8 mm (3")

**3**  
**8857 - Electric Freight Locomotive** - German Federal Railways' class 151 - Length over buffers 88 mm (3-1/2")

**4**  
**8858 - Electric Freight Locomotive** - German Federal Railways' class 151 - Length over buffers 88 mm (3-1/2")

**5**  
**8853 - Electric Multi-Purpose Locomotive** - German Federal Railways' class 120 - Length over buffers 87 mm (3-3/8")

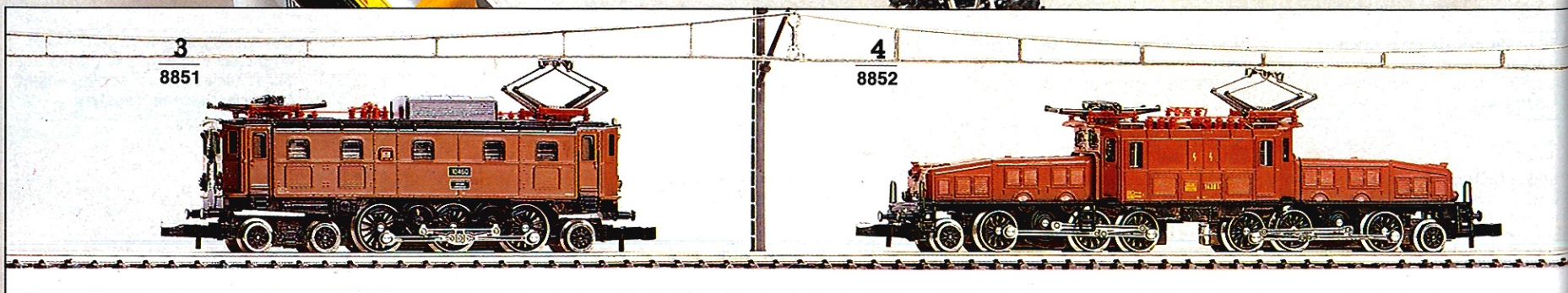
**6**  
**8854 - Electric High-Speed Locomotive** - German Federal Railways' class 103 - Length over buffers 88 mm (3-1/2")

Illustrations are actual size

Overhead wiring is a natural with mini-club electrics. See pages 56/57 for details on adding a fully functional catenary system.

8853	8854	8855	8856	8857	8858	8860	8861	8864	8874	8875	8884	8885	8891	8892	8893	8895	8896	8899
8989	8988	8989	8989	8988	8988	8989	8989	8987	8988	8988	8989	8989	8989	8989	8989	8987	8989	8989
8953	8953	8953	8953	8953	8953	8953	8953		8953	8953	8953	8953	8953	8953	8953	8953	8953	8953
8956	8955 (8956)	8955 (8956)	8955	8955	8955												8953 60210	8953





**Locomotives shown here feature:**

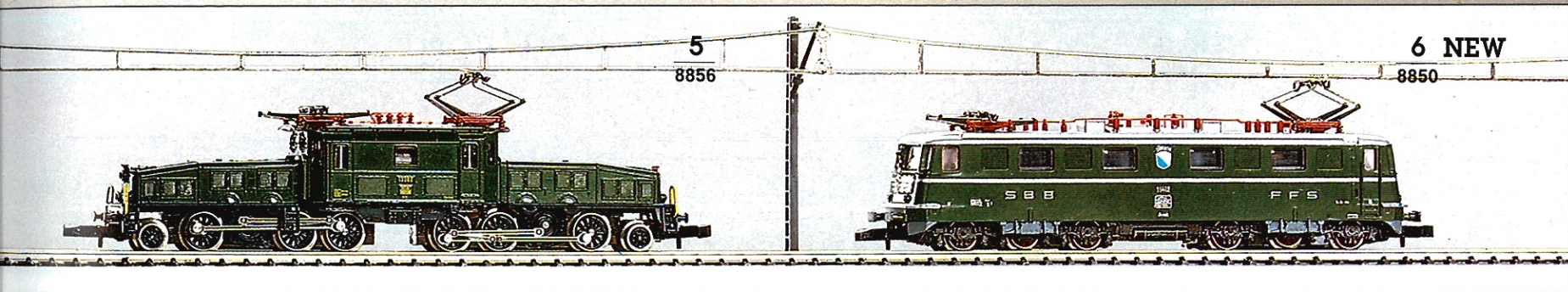
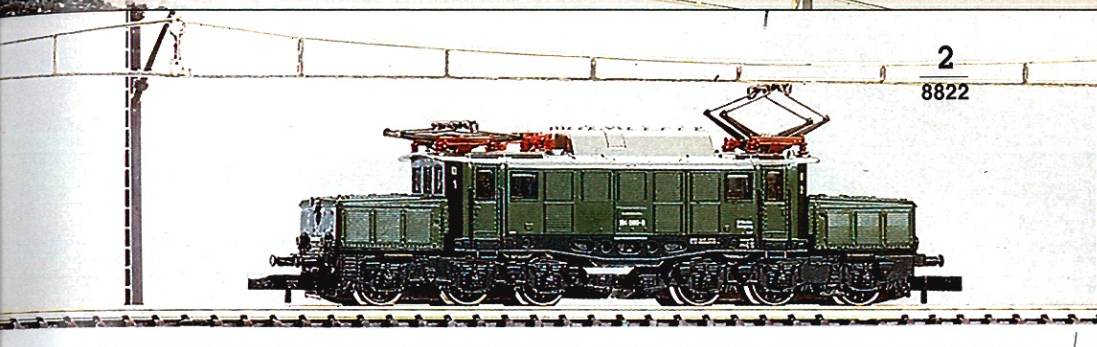
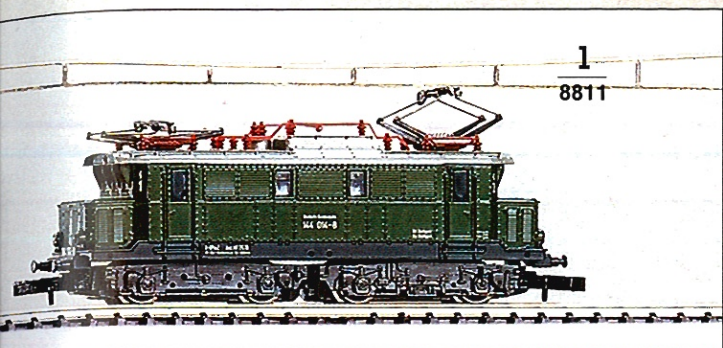
Both trucks powered · Three working headlights at each end, illuminated according to direction · Operates from track current or from overhead wires · Metal trucks · Automatic couplers at each end

⌀ = 8953

**Important:**

Operate mini-club trains only on Märklin 8 V DC power packs. Operation on higher voltages may damage engine.





**1**  
**8811 · Electric Passenger Locomotive** · German Federal Railways' class 144 · Length over buffers 68 mm (2-1/16")

**2**  
**8822 · Electric Freight Locomotive** · German Federal Railways' class 194 · Length over buffers 85 mm (3-3/8")

**3 Switzerland**  
**8851 · Electric Express Locomotive** · Swiss Federal Railways' (SBB) class Ae 3/6<sup>II</sup> · Length over buffers 64 mm (2-1/2")  
 Q=60210

The "Crocodile" is one of the most interesting locomotives in the world. This powerful brute, even in mini-club, is a bruiser, stretching 91 mm (3-5/8") end to end. Thanks to articulation, it can negotiate all mini-club curves.

**4 Switzerland**  
**8852 · Electric Freight Locomotive** · Swiss Federal Railways' (SBB) class Ce 6/8<sup>III</sup> (Crocodile) · Length over buffers 91 mm (3-5/8")

**5 Switzerland**  
**8856 · Electric Freight Locomotive** · Swiss Federal Railways' (SBB) class Be 6/8<sup>III</sup> (Crocodile) · Length over buffers 91 mm (3-5/8")

**6 Switzerland**  
**8850 · Electric Multi-Purpose Locomotive** · Swiss Federal Railways' (SBB) class Ae 6/6 · Length over buffers 87 mm (3-1/2")

Illustrations are actual size



# Diesel Locomotives and Self-Propelled Cars

Illustrations are actual size

**Important:**  
Operate mini-club trains only on Märklin 8 V DC power packs.  
Operation on higher voltages may damage engine.

3  
8875



4  
8874



7  
8802



8  
8816



9  
8817



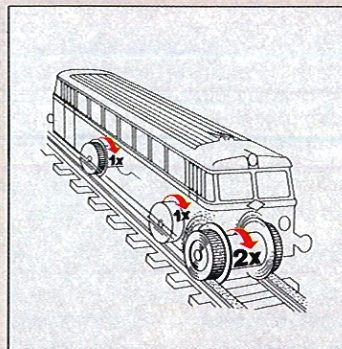
**Locomotives shown here feature:**

Both trucks powered · Three working headlights at each end (except 8802, 8804, 8860, 8861 and 8864) · Metal trucks · Automatic couplers at each end (except 8802)

Q = 8953

**How the Track Cleaning Car works**

The car has two powered axles. The rear wheels are ridged to provide better traction. Two track cleaning ridged wheels are located ahead of the front axle and they rotate faster than the driving wheels causing dirt to be thrown from the tracks.



1

**8804 · Diesel Switcher** · German Federal Railways' class 260 · Metal body · Length over buffers 49 mm (1.15<sup>1</sup>/<sub>16</sub>" )

2

**8864 · Diesel Switcher** · German Federal Railways' class 260 · Metal body · Length over buffers 49 mm (1.15<sup>1</sup>/<sub>16</sub>" )

3

**8875 · Road Diesel** · German Federal Railways' class 216 · Three working headlights, illuminated according to direction · Length over buffers 75 mm (3")

4

**8874 · Road Diesel** · German Federal Railways' class 216 · Three working headlights, illuminated according to direction · Length over buffers 75 mm (3")



1  
8804



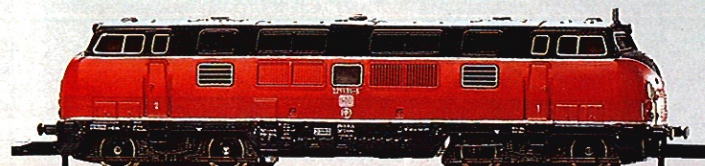
2  
8864



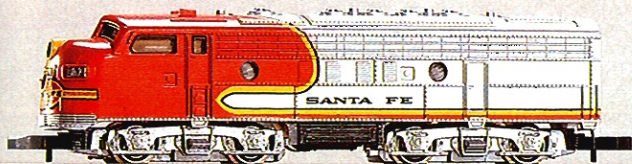
5  
8821



6 NEW  
8820



10 NEW  
8860



11 NEW  
8861



5  
**8821 · Diesel Hydraulic Express Locomotive** · German Federal Railways' class 221 · Three working headlights, illuminated according to direction · Length over buffers 84 mm (3-3/8")

7  
**8802 · Track Cleaning Car** · 2 powered axles · Automatic coupler on rear · Length over buffers 62 mm (2-7/16")

8  
**8816 · Railbus** · German Federal Railways' class 798 · Length over buffers 62 mm (2-7/16")

9  
**8817 · Trailer for Railbus** · German Federal Railways' class 998 · Length over buffers 62 mm (2-7/16")

10 USA  
**8860 · Diesel Locomotive** · General Motors EMD F 7 · Lettered for the Atchison, Topeka & Santa Fe · Two working headlights at cab end · Front coupler and cowcatcher interchangeable · Length 74 mm (3")

11 USA  
**8861 · Diesel Locomotive** · General Motors EMD F 7 · Lettered for Southern Pacific · Two working headlights at cab end · Front coupler and cowcatcher interchangeable · Length 74 mm (3")

6  
**8820 · Diesel Hydraulic Express Locomotive** · German Federal Railways' class 221 · Three working headlights, illuminated according to direction · Length over buffers 84 mm (3-3/8")



# Just like the Real Thing – Only 1/220th as large

Realistically model a real train station? It's no problem with Märklin mini-club.

The prototype for our model was the charming station "Hirschsprung" (Stag's Leap) on the Höllental (Hell's Valley) line in the Black Forest. Yet, for this highly detailed scene, we required only an area of 180 x 80 cm (6' x 2' 7"). Realistic operation, with many trains coming from various directions, is accomplished with the use of a hidden station within the mountains.

The graceful double-track mainline was easily installed by using the flexible track section 8594.



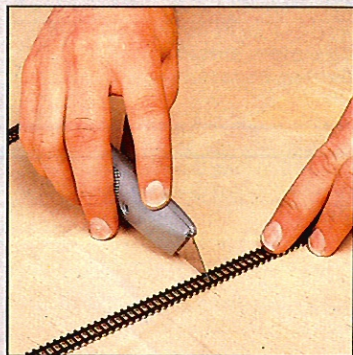
The Prototype: Hirschsprung station on the Höllental line in the Black Forest.



The Märklin R-Way Club Inc.



Laying the flexible track section  
8594



1. Cutting the tie (sleeper) support between every second tie (sleeper) under the outside rail.



2. Use pins to temporarily fasten the track. Then mark off where the track is to be cut.



3. Then carefully cut the track with a fine metal saw or cutting disc.



4. It's advisable to use a set of tweezers when securing the track with the 8999 track nails.



Frame construction makes it easy to finish the scenery: pin down the aluminium foil, apply the modeling plaster, prime it, color it, and place appropriate accessories.



# Passenger Cars

**Coaches of the former  
German provincial railways**

1

**8700 · Coach** · Württemberger Railways · Length 60 mm (2-3/8")

2

**8701 · Coach** · Württemberger Railways · Length 60 mm (2-3/8")

3

**8730 · Express Coach** · Royal Bavarian State Railways' type CCü · 3rd class · Length 87 mm (3-3/8")

**Cars of the former  
German State Railways**

4

**8731 · Express Coach** · Type C4ü bay 11 · 3rd class · Length 87 mm (3-3/8")

5

**8732 · Express Baggage Car** · Type Pw4ü bay 09 · Length 78 mm (3-1/8")

**Cars of the German  
Federal Railways**

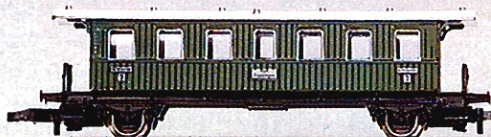
6

**8703 · Baggage Car** · Former type Pw3-pr02 · Length 57 mm (2-1/4")

7

**8704 · Compartment Car** · Former type BC3-pr03 · Length 57 mm (2-1/4")

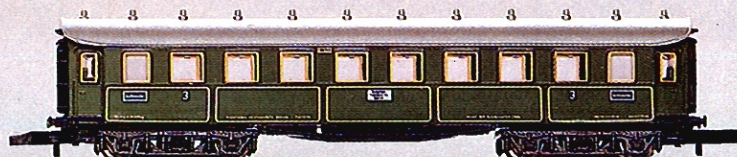
1  
8700



2  
8701



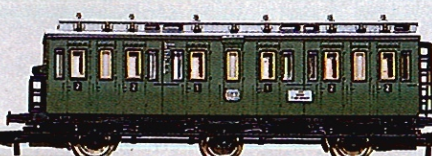
3  
8730



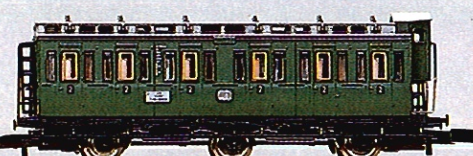
6  
8703



7  
8704



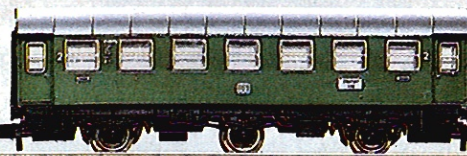
8  
8705



12  
8706



13  
8707



14  
8708





**8**

**8705 · Compartment Car with Brakemen's Cab** · Former type B3-pr03 · Length 57 mm (2-1/4")

**9**

**8750 · Coach** · Type ABi 29 · 1st and 2nd class · Length 63 mm (2-1/2")

**10**

**8751 · Coach** · Type Bi 29 · 2nd class · Length 63 mm (2-1/2")

**11**

**8752 · Baggage Car** · Type D2ie · Length 63 mm (2-1/2")

**12**

**8706 · Coach** · Type AB3yge · 1st and 2nd class · Length 61 mm (2-3/8")

**13**

**8707 · Coach** · Type B3yge · 2nd class · Length 61 mm (2-3/8")

**14**

**8708 · Combine Car** · Type BD3yge · 2nd class · Length 61 mm (2-3/8")

**Cars of the Swiss Federal Railways (SBB)**

**15 Switzerland**

**8748 · Express Coach** · Older type C4ü · 3rd class · Length 87 mm (3-3/8")

**16 Switzerland**

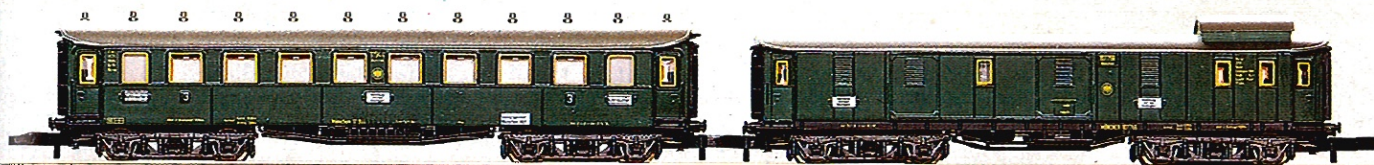
**8749 · Express Baggage Car** · Older type F4ü · Length 91 mm (3-7/16")

**4**

**8731**

**5**

**8732**



Illustrations are actual size

**9**

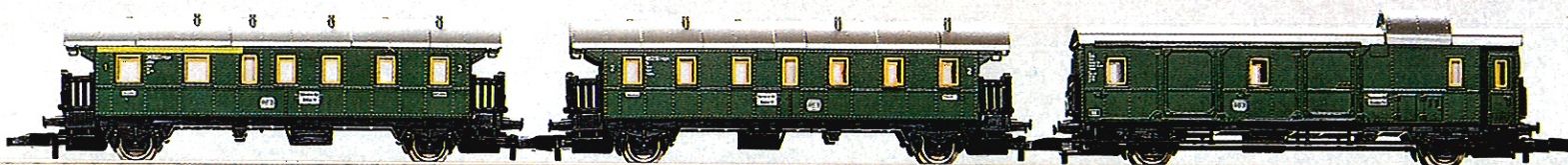
**8750**

**10**

**8751**

**11**

**8752**

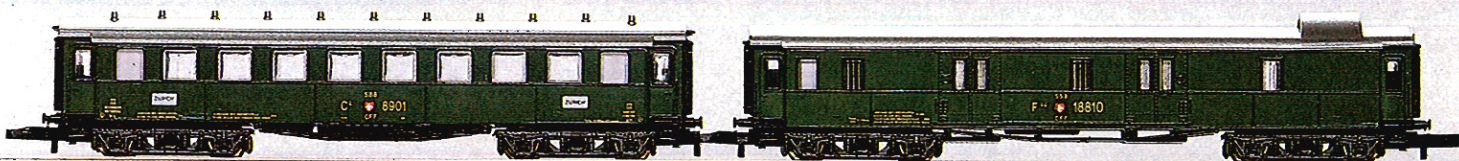


**15**

**8748**

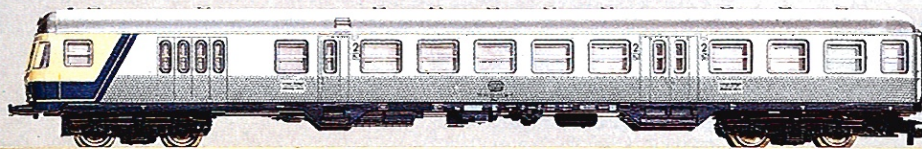
**16**

**8749**





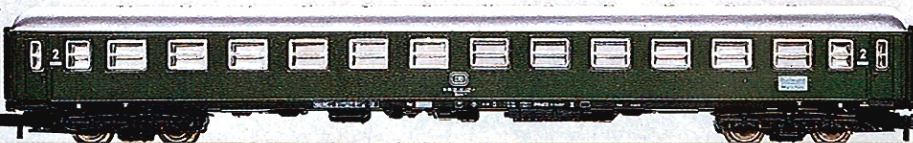
1  
8718



2  
8717



4  
8711

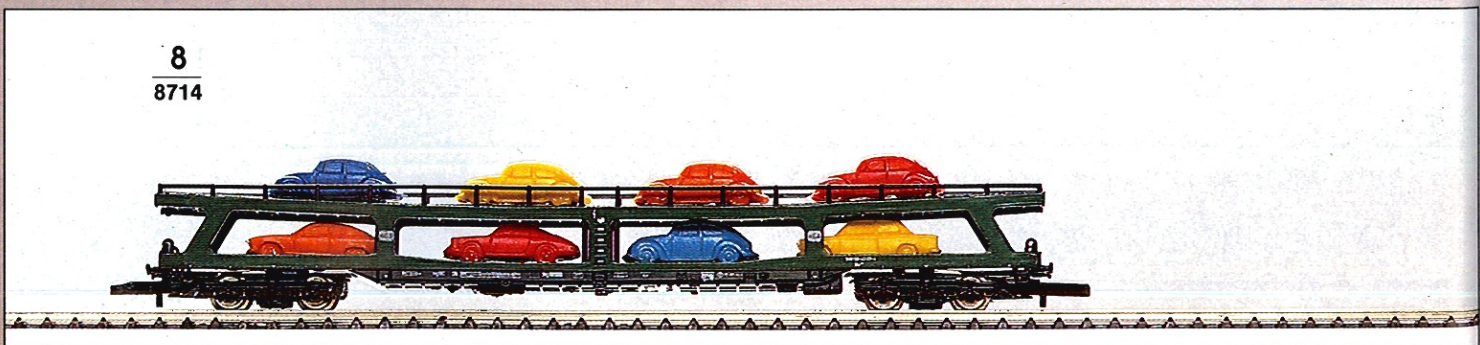


5  
8713



Illustrations are  
actual size

8  
8714



#### Commuter Cars of the German Federal Railways

1

**8718 · Commuter Car with Baggage  
Compartment and Brakeman's  
Cab** · Type BDnf 735 · 2nd class ·  
Three white headlights and two red  
tail lights, illuminated according to  
direction · Length 120 mm (4-3/4")

When the train runs control car first,  
three white headlights shine from the  
control car.

When the train runs diesel first, two red  
tail lights shine from the control car.

2

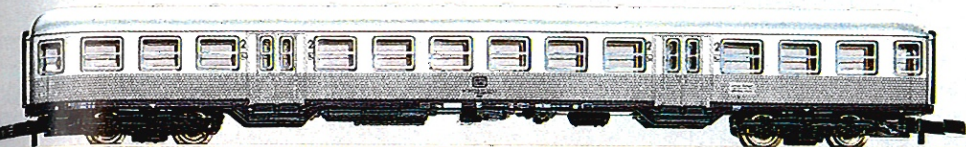
**8717 · Commuter Car** · Type  
ABnrzb 704 · 1st and 2nd class ·  
Length 120 mm (4-3/4")

3

**8716 · Commuter Car** · Type  
Bnb 719 · 2nd class · Length 120 mm  
(4-3/4")

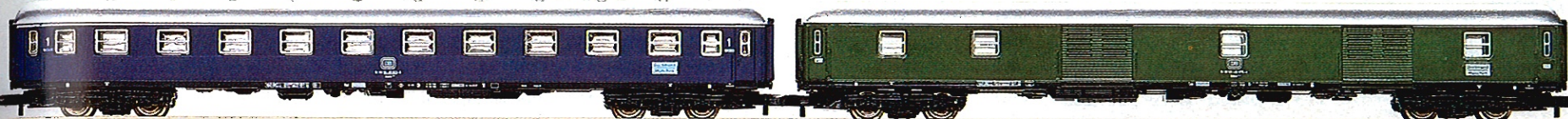


3  
8716



6  
8710

7  
8712



#### Passenger Cars of the German Federal Railway

4

8711 · **Express Coach** · Type Bm ·  
2nd class · Length 120 mm (4-3/4")

5

8713 · **Diner** · Type WRmh<sup>132</sup>  
(ex-WRümh 132) · Length 120 mm  
(4-3/4")

6

8710 · **Express Coach** · Type Am ·  
1st class · Length 120 mm (4-3/4")

7

8712 · **Baggage Car** · Type Dm<sup>902</sup>  
(ex-Düm 902) · Length 120 mm (4-3/4")

8

8714 · **Auto Carrier** · Type DDm<sup>915</sup> ·  
Includes 8 autos · Length 120 mm  
(4-3/4")





Passenger Cars of the  
German Federal Railways

**1**

**8722 · Baggage Car** · Type Dm<sup>902</sup>  
(ex-Düm 902) · Length 120 mm (4-3/4")

**2**

**8720 · Express Coach** · Type Am<sup>203</sup>  
(ex-Aüm 203) · 1st class · Length  
120 mm (4-3/4")

**3**

**8723 · Diner** · Type WRmh<sup>132</sup>  
(ex-WRümh 132) · Length 120 mm  
(4-3/4")

**4**

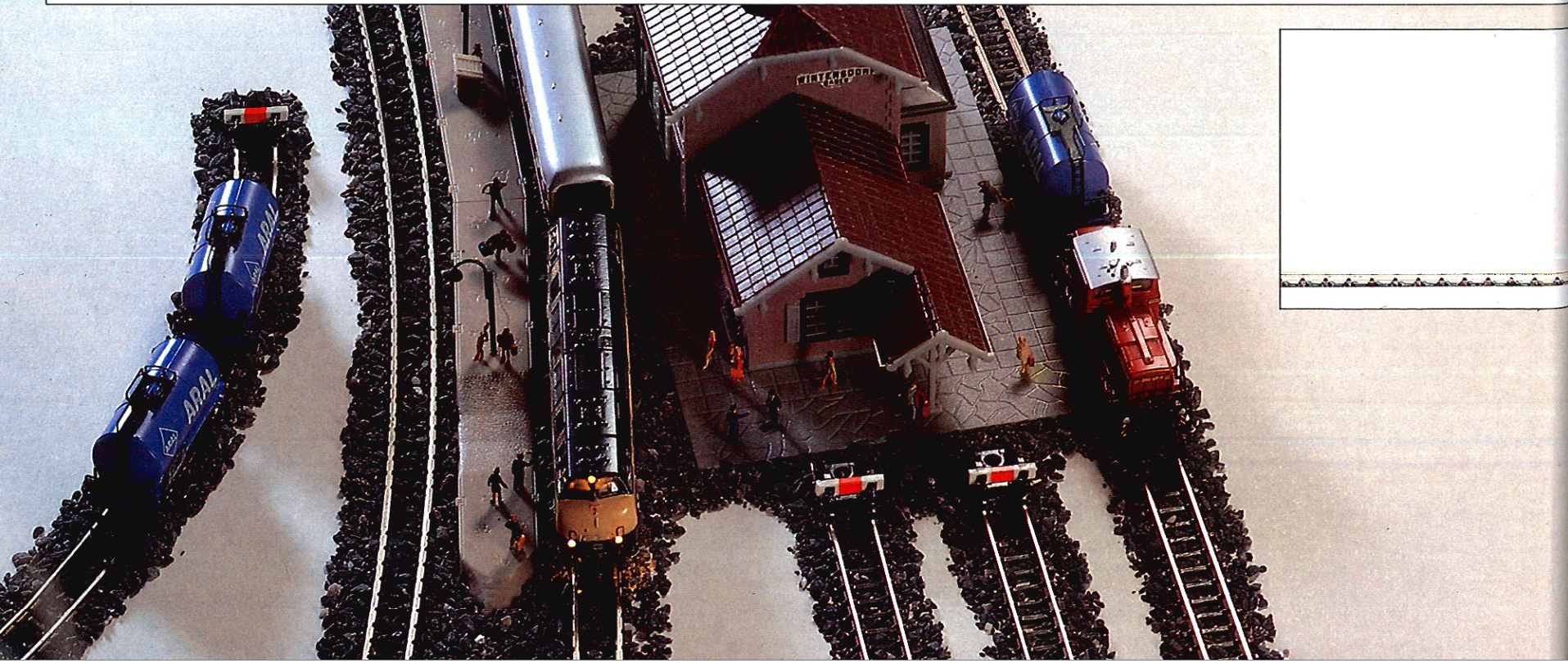
**8721 · Express Coach** · Type Bm<sup>234</sup>  
(ex-Büm 234) · 2nd class · Length  
120 mm (4-3/4")

**1**

8722

**2**

8720





## EUROFIMA Cars

5

**8740 · Express Coach** · German Federal Railways' type Avnz<sup>207</sup> (EUROFIMA A9) · 1st class · Length 120 mm (4-3/4")

6 **Switzerland**

**8741 · Express Coach** · Swiss Federal Railways' (SBB) type Am Typ UIC-Z1 (EUROFIMA A9) · 1st class · Length 120 mm (4-3/4")

■ The type A9 EUROFIMA coach was developed by a consortium of six European railroads. The German Federal Railways operates 100 and the Swiss Federal Railways fields 20 of the cars.

3  
8723

4  
8721



5  
8740

6 NEW  
8741



Illustrations are  
actual size



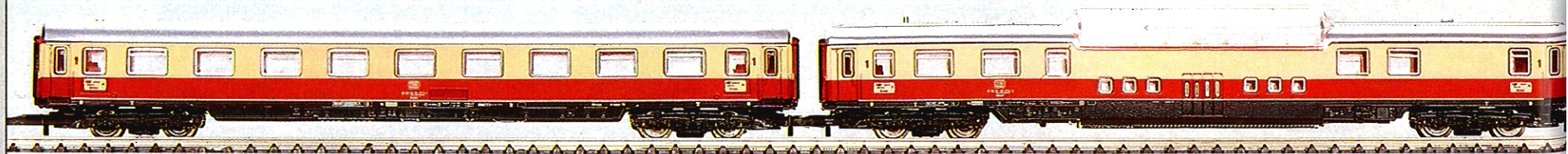


2

8724  
8734

3

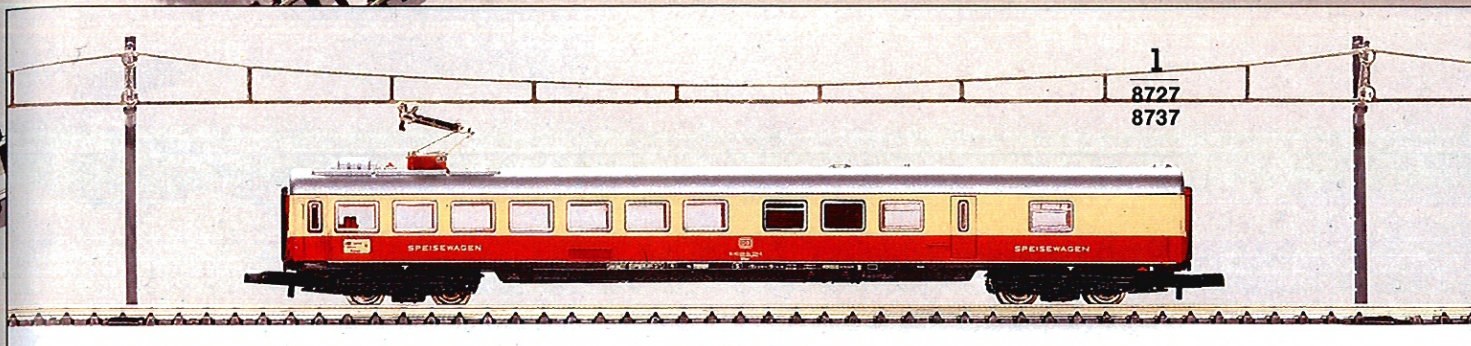
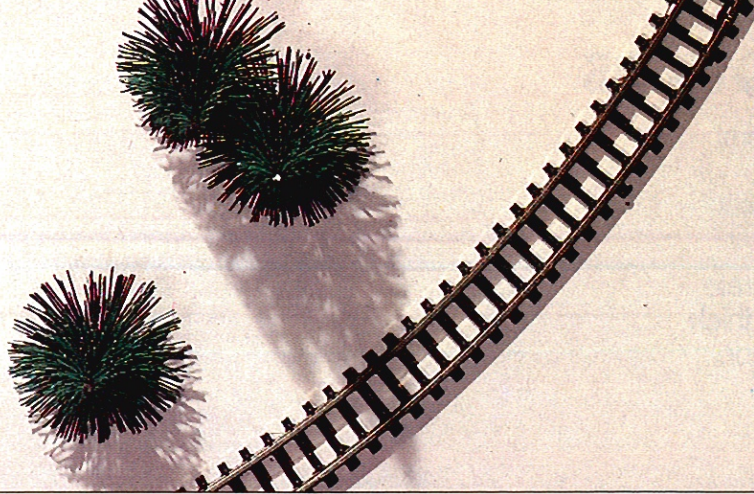
8728  
8738



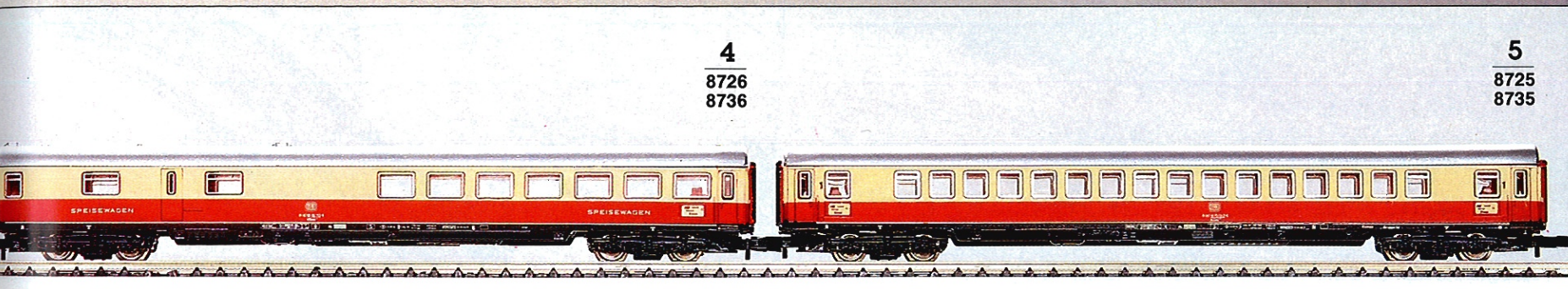
**TEE Cars of the  
German Federal Railways**

The mini-club TEE cars are available  
with or without lighting.





Illustrations are  
actual size



**1**

**8727** without lighting  
**8737** with lighting

**TEE/IC Diner** · Type WRmz 135 ·  
Sprung modern style pantograph ·  
Length 120 mm (4-3/4")

**3**

**8728** without lighting  
**8738** with lighting

**TEE Dome Car** · Type ADm<sup>101</sup>  
(ex-ADümh 101) · Length 120 mm  
(4-3/4")

**5**

**8725** without lighting  
**8735** with lighting

**TEE/IC American Style Coach** · Type  
Apmz<sup>121</sup> (ex-Apümz 121) · Length  
120 mm (4-3/4")

**2**

**8724** without lighting  
**8734** with lighting

**TEE/IC Compartment Car** · Type  
Avmz<sup>111</sup> (ex-Avümz 111) · Length  
120 mm (4-3/4")

**4**

**8726** without lighting  
**8736** with lighting

**TEE/IC Diner** · Type WRmh<sup>132</sup>  
(ex-WRümh 132) · Length 120 mm  
(4-3/4")

■ TEE and Intercity (IC) trains are the  
varnish flagships of the German  
Federal Railways. The TEE trains are  
all first-class with fully air-conditioned  
American style coaches. Passenger  
comfort is a TEE trademark.



# Model Prototypes for New Routes

Märklin mini-club has done a lot of official persuasive work at the German Federal Railroads. Using track material and trains from Märklin mini-club, true-to-scale models of proposed new routes are built which clearly illustrate the environmental benefits of railroading.

Here are a few tips for modelers who would like to have a topographically accurate layout: Cut the right-of-way and other scenery beds from a piece of 3 mm (1/8") thick styrofoam or similar material. Before the track is laid, spray the model a light color. Use natural lichen for tree foliage and have the buildings made of wood.



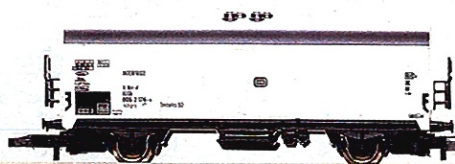






# Freight Cars

1  
8600



2  
8633



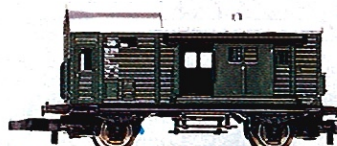
3  
8631



4  
8606



9  
8609



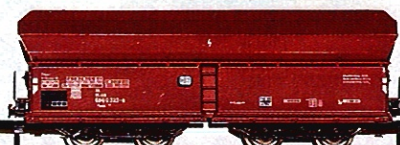
10  
8610



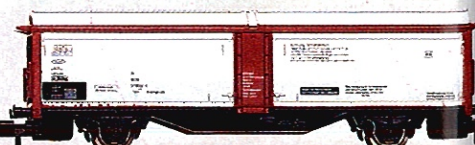
15  
8624



16  
8630



17  
8623



1  
**8600 · Refrigerator Car** · Type lchqs-u<sup>377</sup> (ex-lchqrs 377) of the German Federal Railways · Length 54 mm (2-1/8")

2  
**8633 · Refrigerator Car** · Lettered for Capri-Sonne · Length 54 mm (2-1/8")

3  
**8631 · Refrigerator Car** · Lettered for Sinalco · Length 54 mm (2-1/8")

4  
**8606 · Box Car** · German Federal Railways' type lbbls · Length 54 mm (2-1/8")

5  
**8602 · Beer Car** · Lettered for Spatenbräu · Length 54 mm (2-1/8")

6  
**8648 · Beer Car** · Lettered for Dinkelacker · Length 54 mm (2-1/8")

7 Denmark  
**8608 · Beer Car** · Lettered for Carlsberg · Length 54 mm (2-1/8")

8 Switzerland  
**8632 · Beer Car** · Lettered for Eichhof Beer · Length 54 mm (2-1/8")

9  
**8609 · Package Car** · German Federal Railways' type Dg · Operating doors on each side · Length 40 mm (1-9/16")

10  
**8610 · Low-side Gondola** · Length 54 mm (2-1/8")



5  
8602



6 NEW  
8648



7  
8608



8  
8632



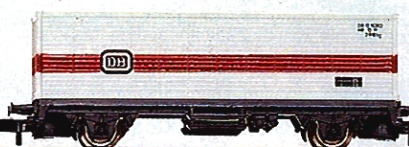
11  
8622



12  
8605



13  
8615



14 NEW  
8617



18 NEW  
8635



11

**8622 · High-side Gondola** · German Federal Railways' type E<sup>037</sup> (ex-Omm 52) · Length 54 mm (2-1/8")

12

**8605 · Box Car** · German Federal Railways' type Gos-u<sup>253</sup> (ex-Gbrs 253) · Length 54 mm (2-1/8")

13

**8615 · Container Car** · Length 54 mm (2-1/8")

14

**8617 · Container Car** · Length 54 mm (2-1/8")

15

**8624 · Ballast Car** · German Federal Railways' Talbot self-unloader · Movable hoppers · Realistic operation · Length 33 mm (1-3/10")

16

**8630 · Self-unloading Hopper Car** · German Federal Railways' type Fals<sup>176</sup> (ex-Fads 176) · Length 53 mm (2-1/16")

17

**8623 · Bulk Freight Car** · German Federal Railways' type Tbis<sup>870</sup> · Length 64 mm (2-7/10")

18

**8635 · Telescoping Car** · German Federal Railways' type Shimms<sup>708</sup> (ex-Shis 708) · Length 55 mm (2-1/8")

**Illustrations are actual size**



1  
8611



2  
8612



3  
8613



4  
8614



1  
8611 · Tank Car · Shell · Length  
40 mm (1-9/16")

4  
8614 · Tank Car · BP · Length  
40 mm (1-9/16")

7  
8627 · Tank Car · Aral · Length 75 mm  
(3")

2  
8612 · Tank Car · Esso · Length  
40 mm (1-9/16")

5  
8625 · Tank Car · Shell · Length  
75 mm (3")

8  
8628 · Tank Car · BP · Length 75 mm  
(3")

3  
8613 · Tank Car · Aral · Length  
40 mm (1-9/16")

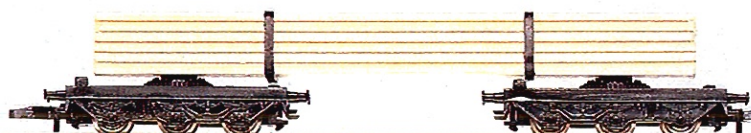
6  
8626 · Tank Car · Esso · Length  
75 mm (3")

9  
8619 · Disconnected Lumber Car ·  
In 2 parts · Loaded with finished  
lumber · Length 93 mm (3-5/8")

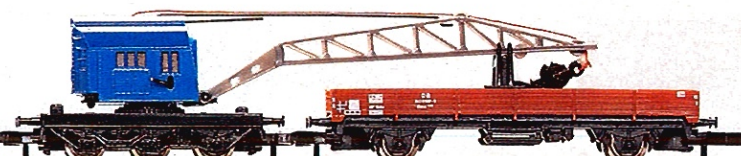
5  
8625



9  
8619



10  
8621



12 NEW  
8637



13 NEW  
8638



14 NEW  
8636





10

**8621 · Crane Car** · Rotating crane with moveable boom and boom support · Hook can be raised and lowered by hand · Length of underframe 35 mm (1-3/8") · (Low-side gondola 8610 shown in photo not included, but recommended as idler car)

11

**8620 · Depressed-Center Flat Car** · Loaded with Transformer · Length 154 mm (6-1/16")

12 USA

**8637 · Box Car** · Chicago, Milwaukee, St. Paul & Pacific (The Milwaukee Road) · Length 72 mm (2-7/8")

13 USA

**8638 · Gondola** · Reading · Length 67 mm (2-5/8")

14 USA

**8636 · Caboose** · Atchison, Topeka & Santa Fe · Access ladders · Length 51 mm (2-1/16")

15 USA

**8641 · Box Car** · Union Pacific · Length 72 mm (2-7/8")

16 USA

**8642 · Gondola** · Soo Line · Length 67 mm (2-5/8")

17 USA

**8640 · Caboose** · Southern Pacific · Access ladders · Length 51 mm (2-1/16")

6  
8626

7  
8627

8  
8628



11  
8620

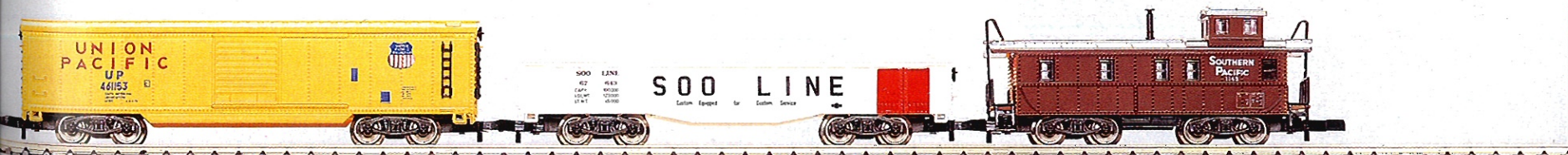
Illustrations are actual size



15 NEW  
8641

16 NEW  
8642

17 NEW  
8640





# Märklin mini-club is International

Those who model Swiss railroads appreciate mini-club. Because now the heavy multi-purpose Ae 6/6 of the Swiss Federal is available in all its glory and exacting details. The famous "Emblem Engine" carries the coat-of-arms of Zürich Canton. Virtually all international and Swiss passenger cars in the mini-club assortment go well with this locomotive, especially the new EUROFIMA A9 cars with the Swiss livery and modern European styling.

The engine dear to modelers of American railroads is, of course, the F7 diesel locomotive by General Motors, which saw service on almost all lines. Just like prototype practice, so too in mini-club, these engines can be lashed up in multiples for pulling very long trains.









# Märklin mini-club, Cowboy Style

Are you also a wild west fan? Then build a really extraordinary layout. Capture the essence of Nevada sagebrush country with a little sand, stone, real cactus and some fantasy. With the new USA-style cars, even the rolling stock "fits in". John Wayne would be thrown from his horse!



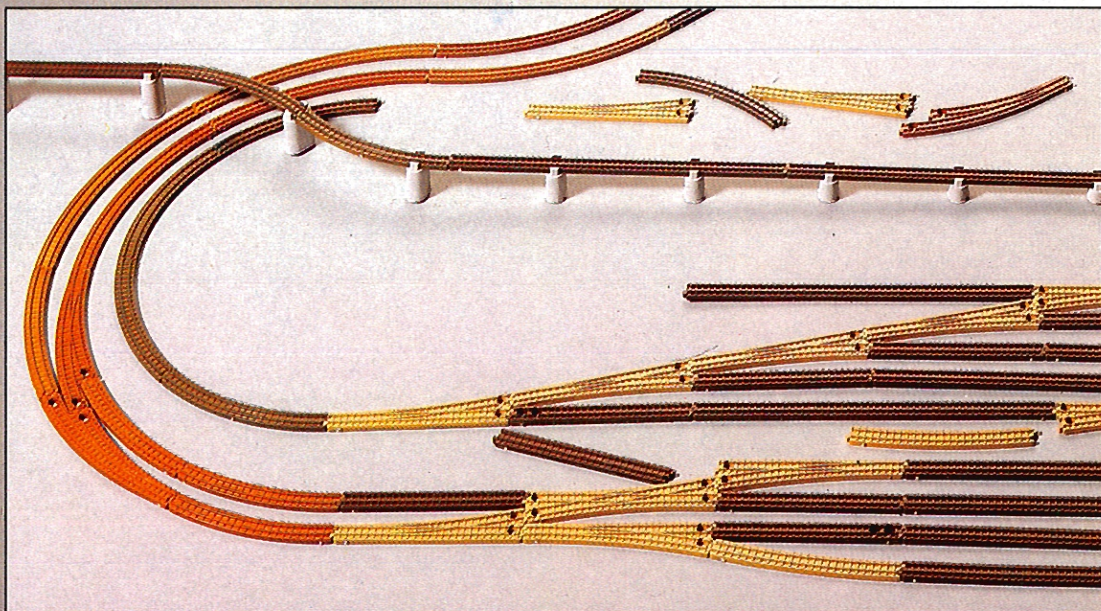






# Planning

For modelers who want to plan and build a free-lanced layout, the track planning game and the track templates help one determine exactly what track is needed. While the templates are strictly technical, the track planning game is also designed for game-playing.



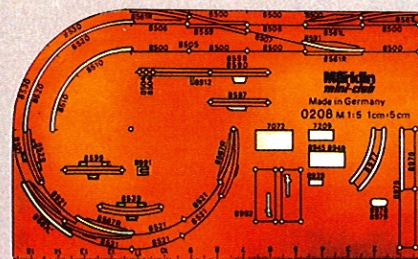
**0232 · Track Planning Game** · For designing Z scale layouts · Includes half-sized replicas of mini-club track sections · Enough "track" to design a medium sized layout · Each "track" has corresponding track number printed on bottom · Comes in 5 colors (3 curves, straight, and switches) · "Track" sections can be coupled together

No previous knowledge of geometry is required to play this game. The color-coded "track" takes the guess-work out of layout planning.



**0292 · Booklet "Gleisanlagen Märklin mini-club"** · Illustrated guide for the constructing of 16 mini-club layouts, including overhead, transformers, and accessories · 54 pages · Size 21 x 30 cm (8-2/8" x 12") · English text supplement

**0322 · Booklet "Märklin-Spaß mit mini-club"** · By Bernd Schmid · Ideal for beginners and advanced modelers alike · Wide assortment of "how-to" tips on constructing mini-club layouts · Suggestions for track work, scenery, and novel ideas possible only with mini-club · Well illustrated, many photos in color · 126 pages · Size 22 x 17 cm (8-3/4" x 6-3/4") · German text



**0208 · Track Templates** · For planning mini-club layouts · All track sections are scaled 1:5 and can be easily traced on paper



# The Magazine for those who would like to enjoy Märklin model railroading even more

Each issue of Märklin-Magazin brings an assortment of ideas, tips, and information. Everyone who loves trains finds something of interest in each issue.

Available through hobby shops or from Modellbahnen-Welt Verlags-GmbH, Postfach 9 40, D-7320 Göppingen, Federal Republic of Germany.

Printed in German, the magazine appears quarterly – mid-February, May, August and November.

Die Zeitschrift für Modell-Eisenbahner

# märklin magazin

2/84

DM 5,-

MESSE-NEUHEITEN '84



Meiner Ansicht nach läßt sich das Modellbahnen-Welt Verlags-GmbH, Postfach 9 40, D-7320 Göppingen, Federal Republic of Germany.



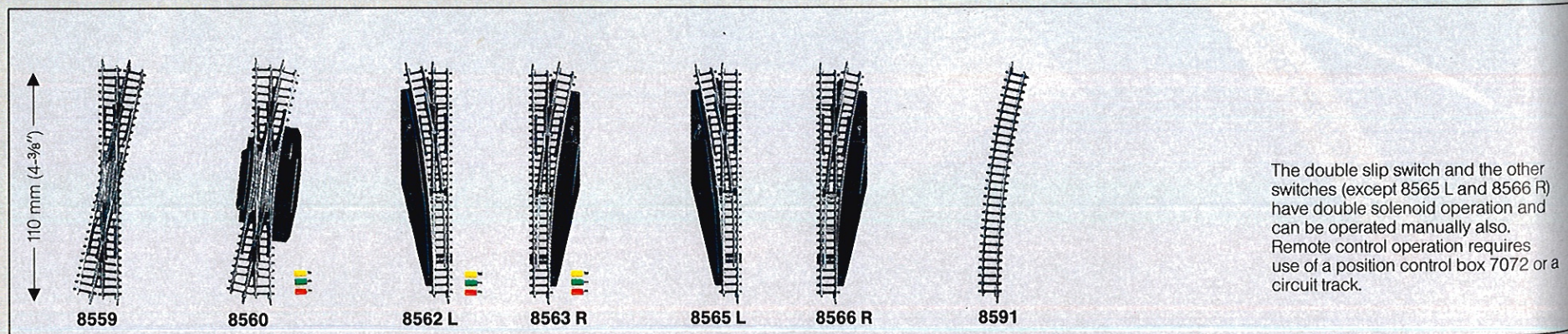
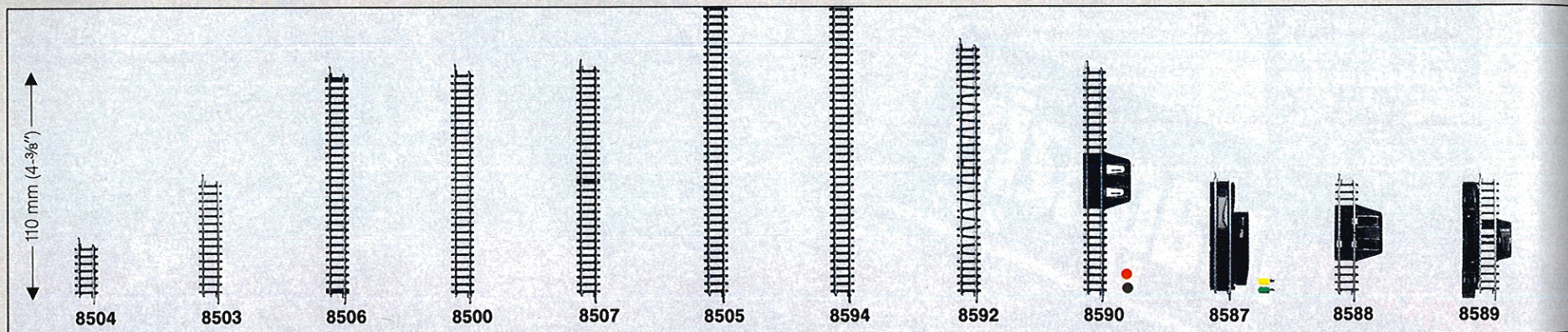
- Abb. 1: Pendelzug mit Bsp. 111 im Bild - Winterdorf
- Abb. 2: Hochhaus mit Bsp. 111 im Bild - Winterdorf
- Abb. 3: Gasgaschine auf Eisenbahnbrücke - Winterdorf
- Abb. 4: Winterdorf mit dem Schienenbus (1952)
- Abb. 5: Winterdorf mit dem Schienenbus (1952)
- Abb. 6: Winterdorf mit dem Schienenbus (1952)
- Abb. 7: Winterdorf mit dem Schienenbus (1952)
- Abb. 8: Winterdorf mit dem Schienenbus (1952)
- Abb. 9: Winterdorf mit dem Schienenbus (1952)
- Abb. 10: Winterdorf mit dem Schienenbus (1952)
- Abb. 11: Winterdorf mit dem Schienenbus (1952)
- Abb. 12: Winterdorf mit dem Schienenbus (1952)

15/195/82

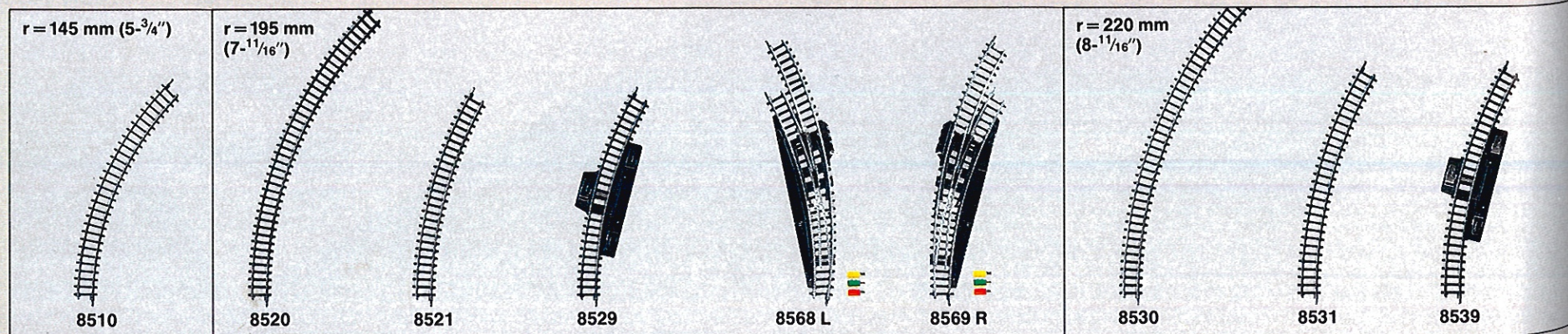


# Track

The remarkable mini-club track sections have a track width (gauge) of only 6.5 mm (1/4"), a tie width of 11.5 mm (7/16"), and a track height of 2.5 mm (1/10"). The accurately scaled nickel-silver rails are mounted on plastic ties. Tracks are joined together with rail joiners. To insure a firm connection, the clips are strengthened with claw couplings on the end ties.



The double slip switch and the other switches (except 8565 L and 8566 R) have double solenoid operation and can be operated manually also. Remote control operation requires use of a position control box 7072 or a circuit track.





**8931 · Illuminated Bumper** · Includes screw for connecting to track · Length 16 mm (1/16")

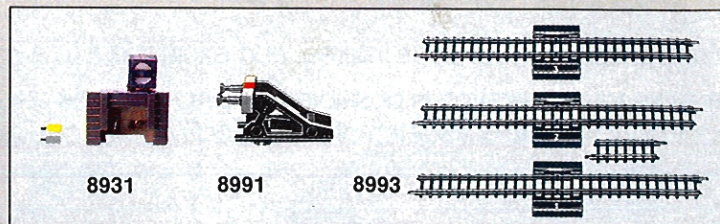
**8991 · Bumper** · Clips onto track · Length 15 mm (5/16")

**8993 · Reversing Loop Set** · Easy way to ensure proper polarity on reversing loops

**8999 · 100 Track Nails** · 0.5 x 6 mm (1/64" x 1/4")

**8954 · Pack of 10 insulated and 20 non-insulated rail joiners** · For connecting track sections

**8974 · Re-Railing Ramp** · Easy way to get cars on the track



**8504** · Length 25 mm (1")

**8503** · Length 55 mm (2-3/16")

**8506** · Length 108.6 mm (4-5/16") · Extension track for use with crossing 8559 and the double slip switch 8560

**8500** · Length 110 mm (4-3/8")

**8507** · Length 112.8 mm (4-7/16") · Extension track for use with crossing 8559 and double slip switch 8560

**8505** · Length 220 mm (8-13/16")

**8594** · Length 660 mm (2' 2") · Can be made into flex track by selectively notching ties · When doing so, rails and tie strip should be shortened to conform to curves and new track clips (8954) installed

**8592** · Curvable, telescoping section · Length can be increased from 100 to 120 mm (3-15/16") to 4-3/4" · Excellent as extension track

**8590 · Feeder Track** · With radio suppressor · Includes two track terminals and leads · Length 110 mm (2-3/16")

**8587 · Uncoupling Track** · Can be operated manually or by remote control using position control box 7072 · Length 55 mm (2-3/16")

**8588 · Isolating Track** · For block circuits · One rail is cut to permit circuit selection · Includes connecting clamp · Length 55 mm (2-3/16")

**8589 · Circuit Track** · With connecting clamps · Circuit tripped when train passes over track · Length 55 mm (2-3/16")

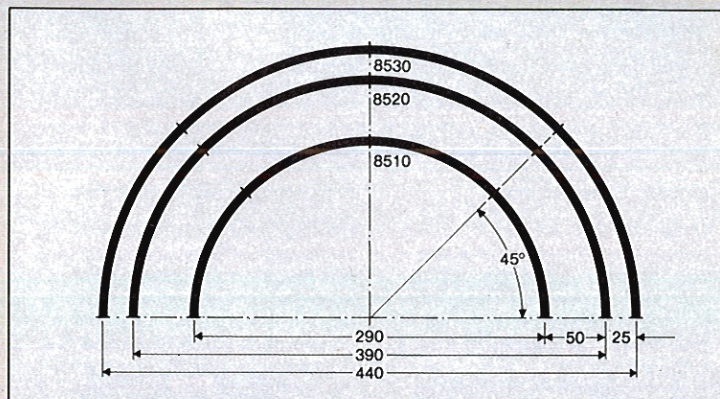


Fig. 1 shows the 3 Märklin mini-club curves, including radii, diameter, and loading gauge.

Radius 8510 = 8 track sections  
Radius 8520 = 8 track sections  
Radius 8530 = 8 track sections

**8559 · Crossing** · Length 112.8 mm (4-7/16") · 13° · (Fig. 2)

**8560 · Double Slip Switch** · Length 112.8 mm (4-7/16") · 13° · Radius 323 mm (1' 3/4") · (Fig. 2)

**8562 L · Left-Handed Electro-Magnetic Switch** · Length 110 mm (4-3/8") · 13° · Radius 490 mm (1' 1-1/4") · (Figs. 3 + 4)

**8563 R · Right-Handed Electro-Magnetic Switch** · Length 110 mm (4-3/8") · 13° · Radius 490 mm (1' 1-1/4") · (Figs. 3 + 4)

**8565 L · Left-Handed Manual Switch** · Length 110 mm (4-3/8") · 13° · Radius 490 mm (1' 1-1/4") · (Figs. 3 + 4)

**8566 R · Right-Handed Manual Switch** · Length 110 mm (4-3/8") · 13° · Radius 490 mm (1' 1-1/4") · (Figs. 3 + 4)

**8591** · Radius 490 mm (1' 1-1/4") · 13° · Matches the curves on switches 8562 L, 8563 R, 8565 L, 8566 R

**8510** · Radius 145 mm (5-3/4") · 45°

**8520** · Radius 195 mm (7-1/16") · 45°

**8521** · Radius 195 mm (7-1/16") · 30°

**8529 · Circuit Track** · Radius 195 mm (7-1/16") · 30° · With terminal · Circuit tripped when train passes over track

**8568 L · Left-Handed Electro-Magnetic Curved Switch** · Radius 195 mm (7-1/16") · 30° (same as 8521) · Outside track length 125 mm (4-15/16") · (Fig. 5)

**8569 R · Right-Handed Electro-Magnetic Curved Switch** · Radius 195 mm (7-1/16") · 30° (same as 8521) · Outside track length 125 mm (4-15/16") · (Fig. 5)

**8530** · Radius 220 mm (8-11/16") · 45°

**8531** · Radius 220 mm (8-11/16") · 30°

**8539 · Circuit Track** · Radius 220 mm (8-11/16") · 30° · With terminal · Circuit tripped when train passes over track

Fig. 2 – 8559 and 8560

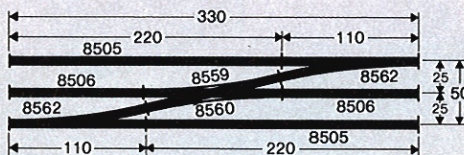


Fig. 3 – 8562 L, 8563 R, 8565 L and 8566 R

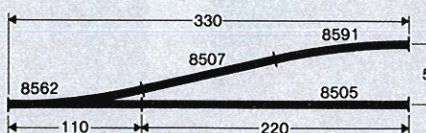


Fig. 4 – 8562 L, 8563 R, 8565 L and 8566 R

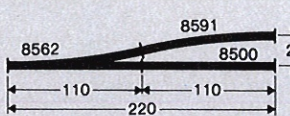
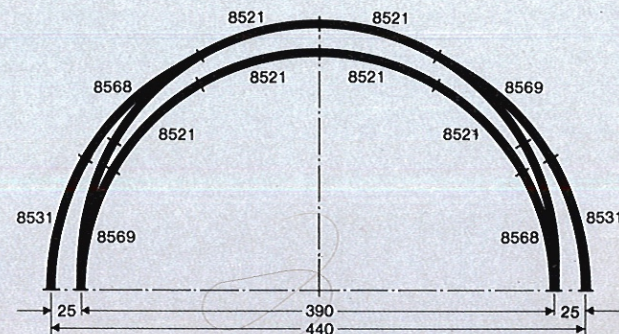


Fig. 5 – 8568 L and 8569 R





# Train Control

Multiple train control adds interest and excitement to a model railroad.

Multiple train operation is possible by using separate electric circuits; with each circuit controlling a different stretch of track. Each circuit requires a separate power pack.

## Wire

Copper wires consist of 24 separate strands 0.10 mm (0.004") in diameter each, for an overall circumference of 0.19 mm<sup>2</sup> (0.03 sq.in.). Can withstand short circuits.

Once the tracks are laid, it is time to install wiring. That is no problem with Märklin's color-coded wiring. Current going from the transformer to the rails uses red wires, while brown wires carry the current back to the transformer.

The yellow wires are used for supplying current to lights and accessories and the gray wires carry the current back to the transformers from the lights and accessories.

Remote-controlled accessories are wired a little different. Here, a blue wire feeds current between the accessory and the activator, be it a position control box (7072) or a contact track (8529, 8539, 8589). A gray wire carries current between the control boxes and the transformer.

**7100 · Wire** · Single core · Gray · 10 m (33')

**7101 · Wire** · Single core · Blue · 10 m (33')

**7102 · Wire** · Single core · Brown · 10 m (33')

**7103 · Wire** · Single core · Yellow · 10 m (33')

**7105 · Wire** · Single core · Red · 10 m (33')

## Sockets

7111 = brown  
7112 = yellow  
7113 = green  
7114 = orange  
7115 = red  
7117 = gray



**7000 · Staples** · Bag of 50 · For stapling on wood

## Plugs with side sockets

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



**7209 · Distribution strip** · With 11 single pole sockets · Size 50 x 20 mm (2-3/4" x 1-1/16")



## 1

**6701** 220 Volt

**Märklin mini-club Power Pack electronic 08** · For use with AC house current · Uses a programmed diode circuitry to supply a steady flow of current at any range for smooth operation · Ideal for realistic slow starts with gradual acceleration and deceleration · Single knob controls both **DC track voltage** (between 0 and 8 volt) as well as direction of travel (by rotating knob from center position) · Power output to 8 VA DC for tracks and 10 volt 8 VA **AC for accessories** · Brown plastic housing · Weight 0.8 kg (1-3/4 oz) · Measures 85 x 117 x 70 mm (3-1/32" x 4-5/8" x 2-3/4")

## 2

**6720** 100 Volt Japan  
**6727** 110 Volt (60 Hz) USA · UL-Approved  
**6729** 240 Volt

**Märklin mini-club Power Pack** · For use with AC house current · Output 12 VA · **DC track current** adjustable between 2 and 8 volts · Polarity reversing switch for changing direction of travel · 10 volt **AC current for accessories** · Blue plastic housing · Weight 1.2 kg (2-1/2 lb) · Measures 125 x 135 x 75 mm (4-15/16" x 5-5/16" x 3")

## 3

**8945 · Universal Remote Control** (Solenoid operated switch) · Solenoid operates single pole double throw and double pole double throw switch (reversing) contacts to control up to three circuits for functions at one time · Responds to impulse from circuit track (8589), position control box (7072) or manual commands · Operates on 10 V · Width 30 mm (1-3/8") · Length 70 mm (2-3/4") · Height 8 mm (5/16") · Wiring diagram and examples in booklet 0292



**4**

**8946 · Signal Operator** · With 2 single pole switches and a commutator for example for use in controlling the 8939 signal and track current · Width 30 mm (1-3/8") · Length 70 mm (2-2/5") · Height 8 mm (5/16")

**5**

**8947 · Two-Pole Commutator** (change-over switch) · Operates on 10 V · Double solenoid operation · For use with circuit track, position control box 7072 or manually · Width 30 mm (1-3/8") · Length 70 mm (2-3/4") · Height 8 mm (5/16")

**6**

**7072 · Position Control Box** · Operates 4 solenoid operated accessories · Position of buttons correspond to position of signals, switches, etc. · Length 80 mm (3-1/8") · Width 40 mm (1-9/16")

**7**

**7210 · Control Box** · For diverting track or accessory current to 4 different circuits · Length 80 mm (3-1/8") · Width 40 mm (1-9/16")

**8**

**7211 · Control Box** · For feeding current to 4 separate track or accessory circuits · Length 80 mm (3-1/8") · Width 40 mm (1-9/16")

**9**

**8939 · Color Light Home Signal** · Operating red and green lights · 2 bulbs · Controlled by universal remote control switch 8945 or by signal activator 8946 · Height 34.5 mm (1-3/8")

Q = 8953

**10**

**8940 · Home Signal with 1 Semaphore** · Operating red/green lights · Double solenoid operation · Will control trains · Can be used with position control box 7072 or a circuit track · Height 45 mm (1-3/4")

Q = 8953

**11**

**8957 · Street Light** · Height 46 mm (1-3/4") · Base 8 x 14 mm (5/16" x 9/16")  
Q = 60210

**12**

**8958 · Station Light** · Height 46 mm (1-3/4") · Base 8 x 14 mm (5/16" x 9/16")  
Q = 60210

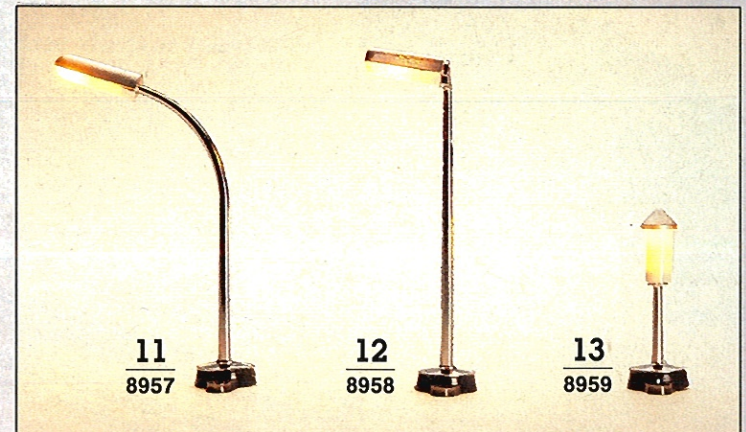
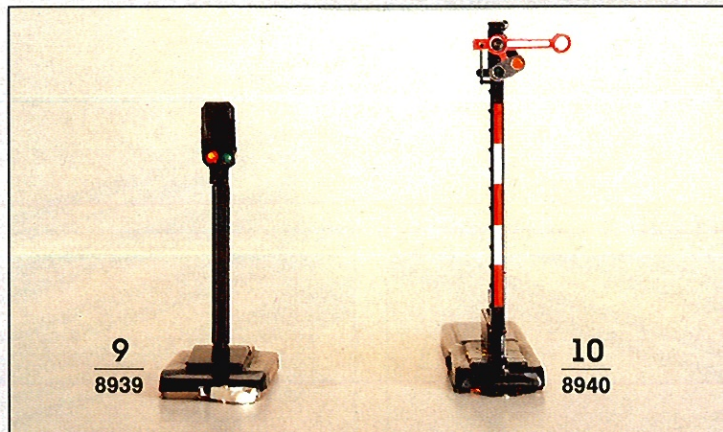
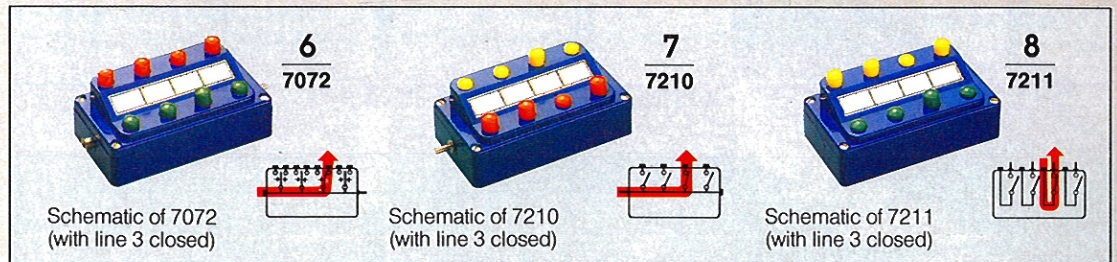
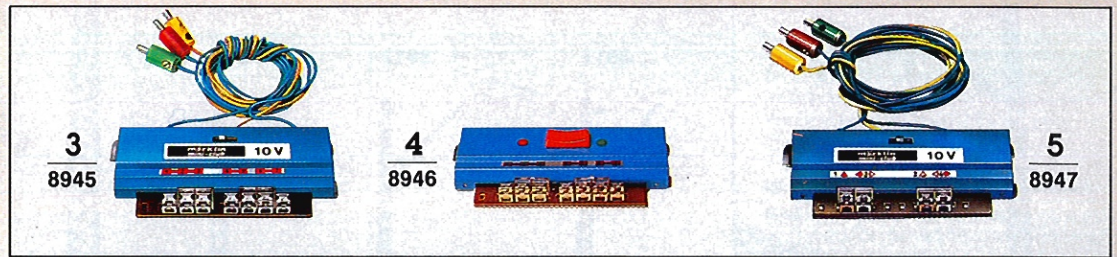
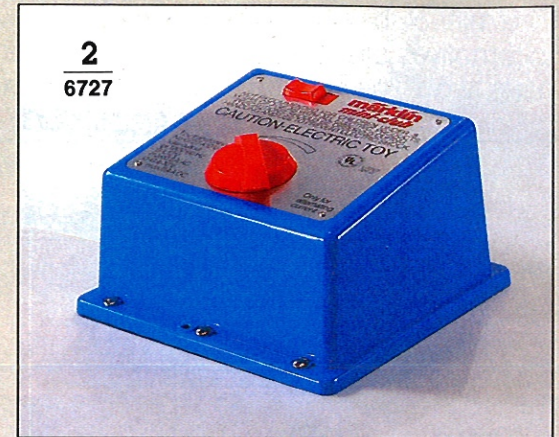
**13**

**8959 · Park Light** · Height 25 mm (1") · Base 8 x 14 mm (5/16" x 9/16")  
Q = 60210

**8953 · Illumination Kit** · With 10 V bulb · For use with socket 8950, signals 8939 and 8940, grade crossing 8992 and in illuminated locomotives

**60210 · Bulb** · For items 8851, 8896, 8957, 8958, 8959

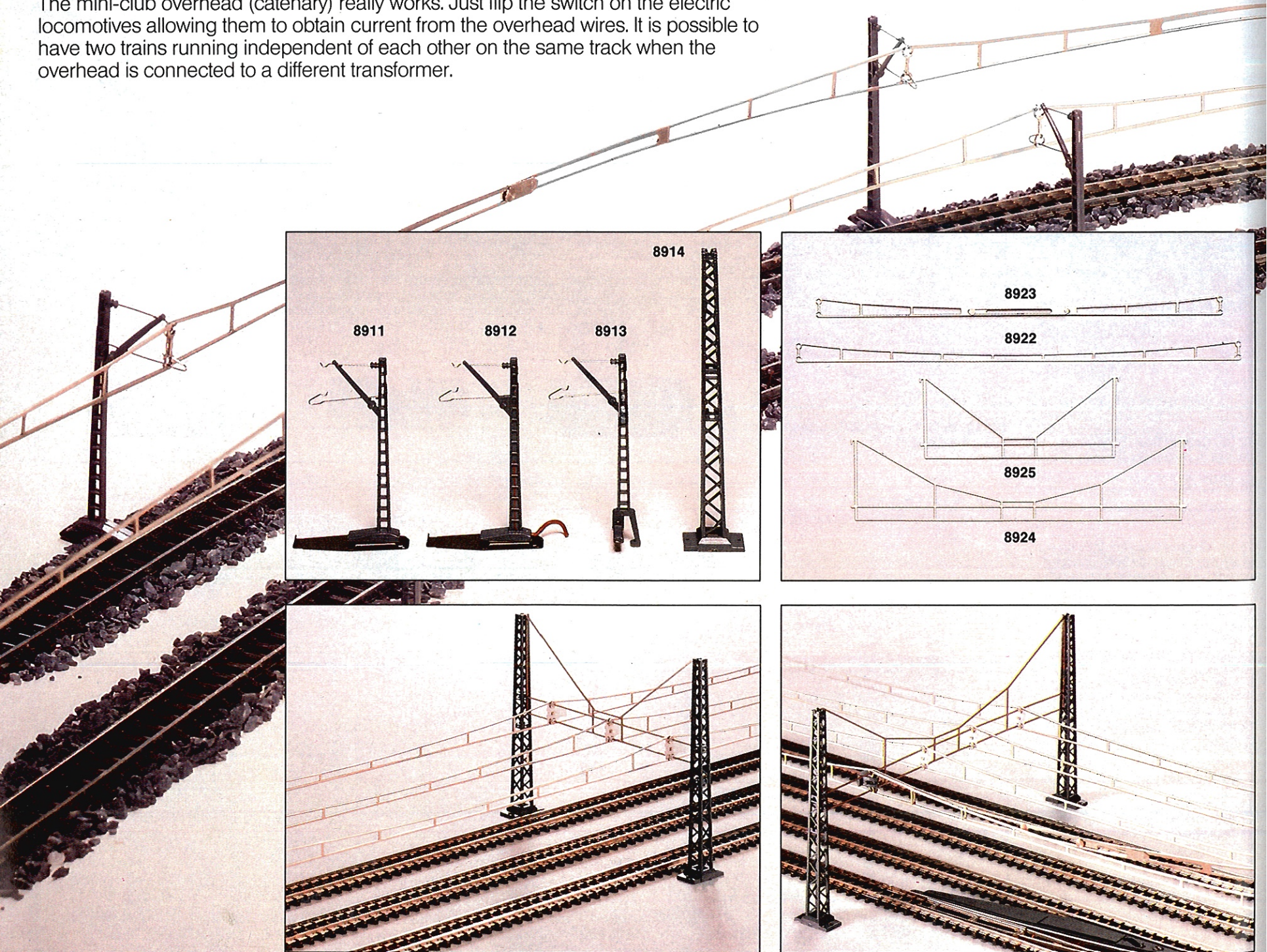
**8954 · Pack of Rail Joiners** · 20 metal and 10 insulated rail joiners





# Functioning Overhead

The mini-club overhead (catenary) really works. Just flip the switch on the electric locomotives allowing them to obtain current from the overhead wires. It is possible to have two trains running independent of each other on the same track when the overhead is connected to a different transformer.







**8911 · Single Track Mast** · Includes supporting plate · Height 38 mm (1-1/2")

**8912 · Feeder Mast** · Includes supporting plate and lead wires · Height 38 mm (1-1/2")

**8913 · Bridge Mast** · Clips on to side of bridges, ramps, etc. · Height 41 mm (1-5/8")

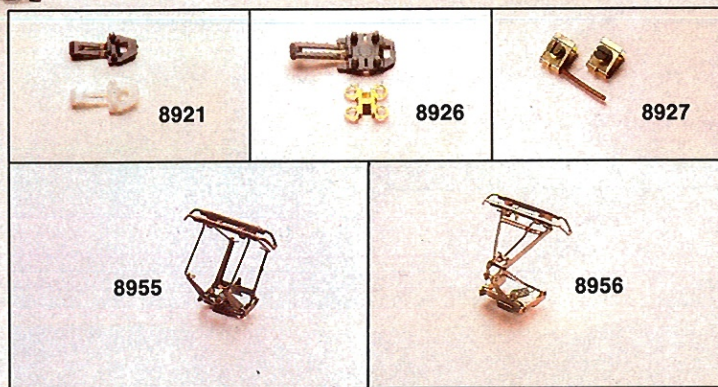
**8914 · Tower Mast** · For multi-track catenary · Accepts cross-spans 8924 and 8925 · Base 7 x 13 mm (1/4" x 1/2") · Height 61 mm (2-3/8")

**8922 · Catenary Wire** · For straight and curved sections · Length 165 mm (6-1/2")

**8923 · Catenary Wire** · Adjustable length 150 to 180 mm (5-7/8" to 7-1/8")

**8924 · Cross-span** · Hooks on to tower masts · Spans 5 tracks · Length about 123 mm (4-7/8")

**8925 · Cross-span** · Hooks on to tower masts · Spans 3 tracks · Length about 72 mm (2-7/8")



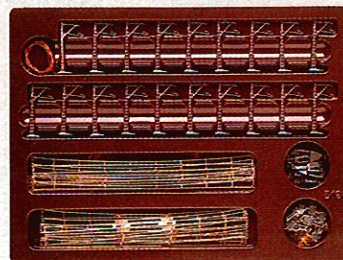
**8921 · Catenary Insulators** · Pack of 8 white and 2 gray insulators for insulating contact wires from cross-spans · White insulators hold 2 wires, gray insulators hold 3 wires

**8926 · Pack of 8 Insulator Sections and 6 Connecting Springs** · Required for insulating points on overhead and at switches

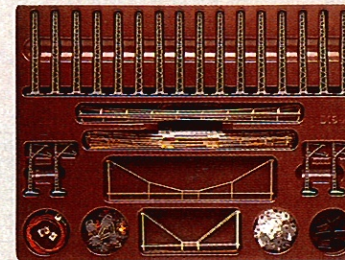
**8927 · Catenary Wire Terminals** · Contains 2 screw terminals with leads and 3 without leads · For feeding current to wires and holding wire sections together (e.g. at crossings, etc.)

**8955 · Standard Pantograph** · Includes mounting screw

**8956 · Modern-Style Pantograph** · Includes mounting screw



**8198 · Overhead System Kit S+E** · For SET Extension program (page 14) · Includes all necessary masts and wire for parts S and E · 19 masts, 20 catenary sections, 8 insulate sections, 6 connecting springs, and instructions



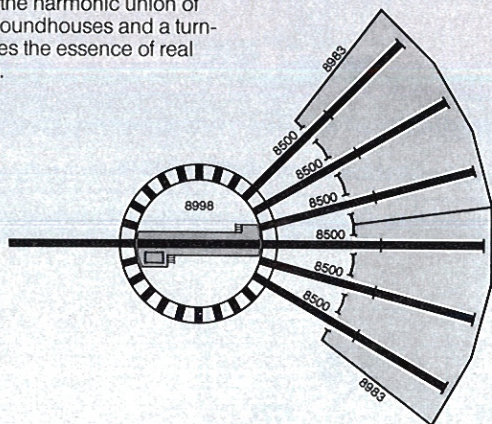
**8199 · Overhead System Kit T1+T2+T3** · For SET Extension program (page 14) · Includes all parts needed to string catenary on the T sections · 4 masts, 16 tower masts, 30 catenary wire sections, 8 cross-spans, 30 contact wire insulators, 8 insulated sections, 6 connecting springs, 5 clips, and instructions

A simple mast will suffice for stringing overhead on single or double track lines. Be sure to consider clearances and the masts should be on the outside on double track lines. The spring wire supports guarantee a firm contact with the wire.

On multi-track lines, or at stations, yards, etc. tower masts and cross-spans are preferred for stringing catenary. The wires are kept insulated from each other through use of insulators.



Photo depicts the harmonic union of 2 locomotive roundhouses and a turntable. It captures the essence of real life railroading.



**1**

**8983 · Roundhouse Kit** · Electrically operated doors · Mates with turntable 8998 · Three stalls · 3 control tracks included · Base area 150 x 250 mm (6" x 9-7/8")

**2**

**8998 · Turntable** · Mates with roundhouse 8983 · Can be installed flush with layout board · 8 spoke tracks · Up to 24 stall tracks can be added with the 8997 · Highly detailed with realistic colors · Remote control operation · Controller included · Turntable can be aligned with any track moved either direction · Powered by electric motor · Tracks not in alignment with bridge receive no current · Turntable circumference 170 mm (6-5/8") · Length of bridge 132 mm (5-1/4") · Requires a 145 mm (5-3/4") hole for flush mounting

**3**

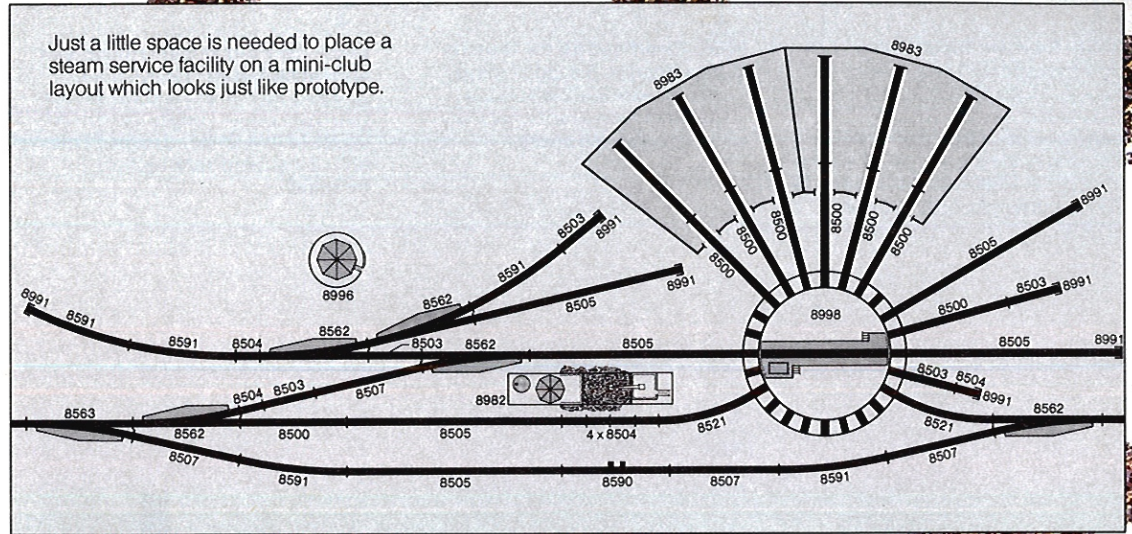
**8997 · Turntable Extension Set** · Contains 8 track segments for connecting with turntable · By using 2 extension sets, turntable can serve 24 tracks

**1 NEW**  
**8983**





Just a little space is needed to place a steam service facility on a mini-club layout which looks just like prototype.



2 NEW  
8998

3 NEW  
8997



**1**

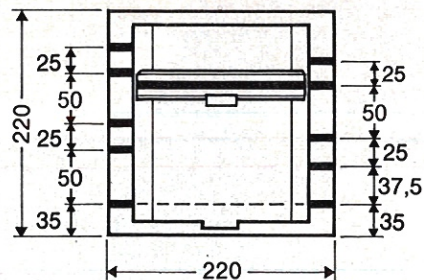
**8994 · Transfer Table** · 2 approach tracks and 8 stall tracks · Mates with engine house 8980 · Can be flush mounted on layout · Operates by electric motor · Controller included · Power is automatically cut off to any track not in alignment with the bridge · Width and length, both 220 mm (8-5/8")

**2**

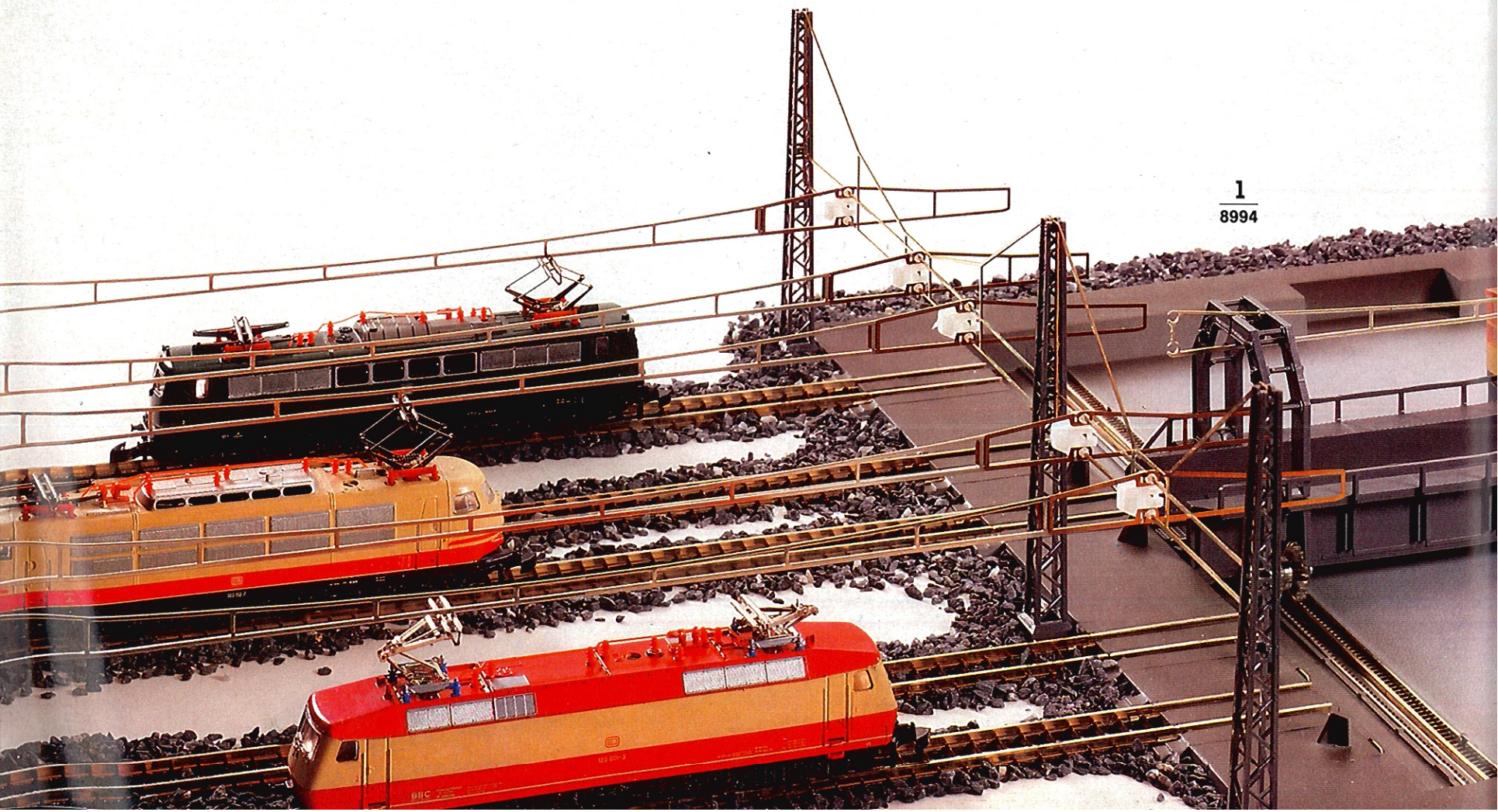
**8995 · Overhead Kit for Transfer Table** · Includes 2 support masts, 1 catenary wire 8922 with leads soldered on and 10 short catenary wires for approach tracks

**3**

**8980 · Two-Bay Engine House with Operating Doors** · Track loading gauge is 25 mm (1") and will accept overhead wires · Length 152 mm (6") · Width 74 mm (2-7/8") · Height 51 mm (2") · 2 insulated track sections included



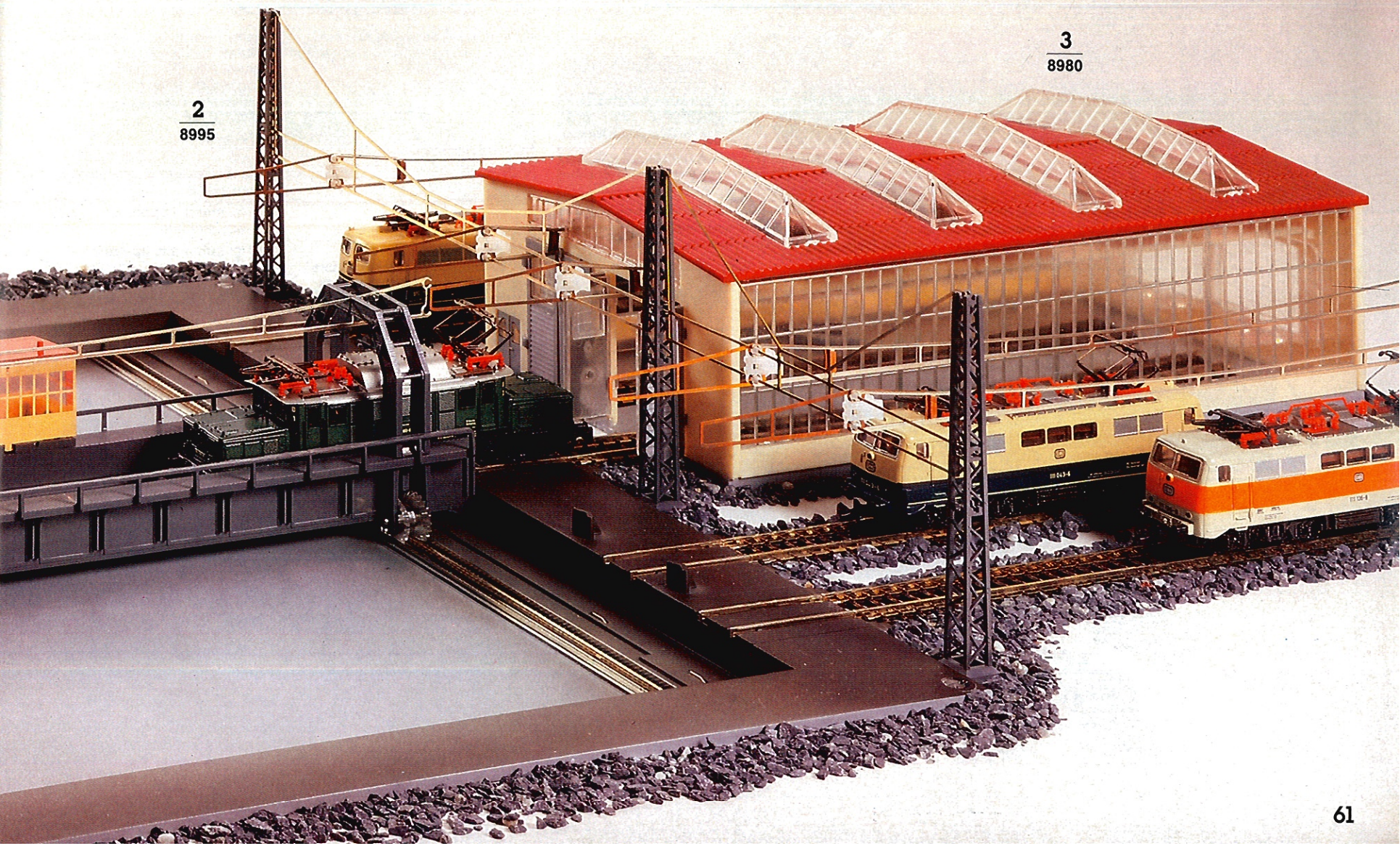
**1**  
**8994**





2  
8995

3  
8980



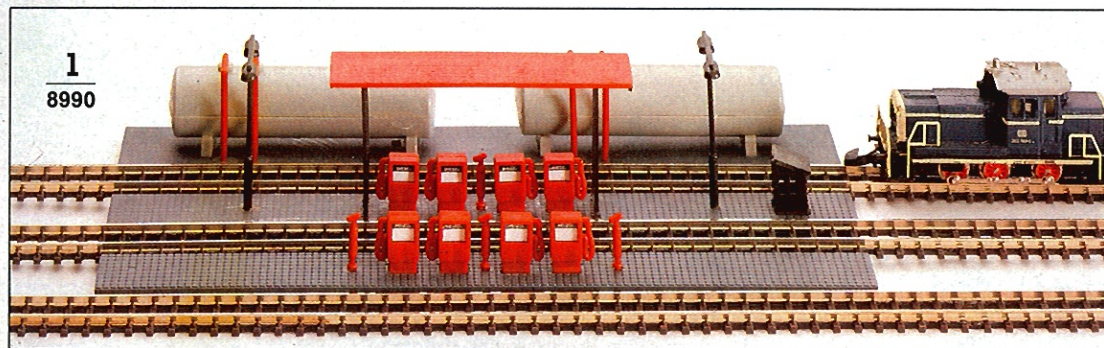


# Accessories

mini-club's versatility is evident in the wide range of accessories with which modelers can depict virtually any prototypical scene. Whether for steam, diesel, or electrics, there is no limit to how a mini-club layout may unfold.

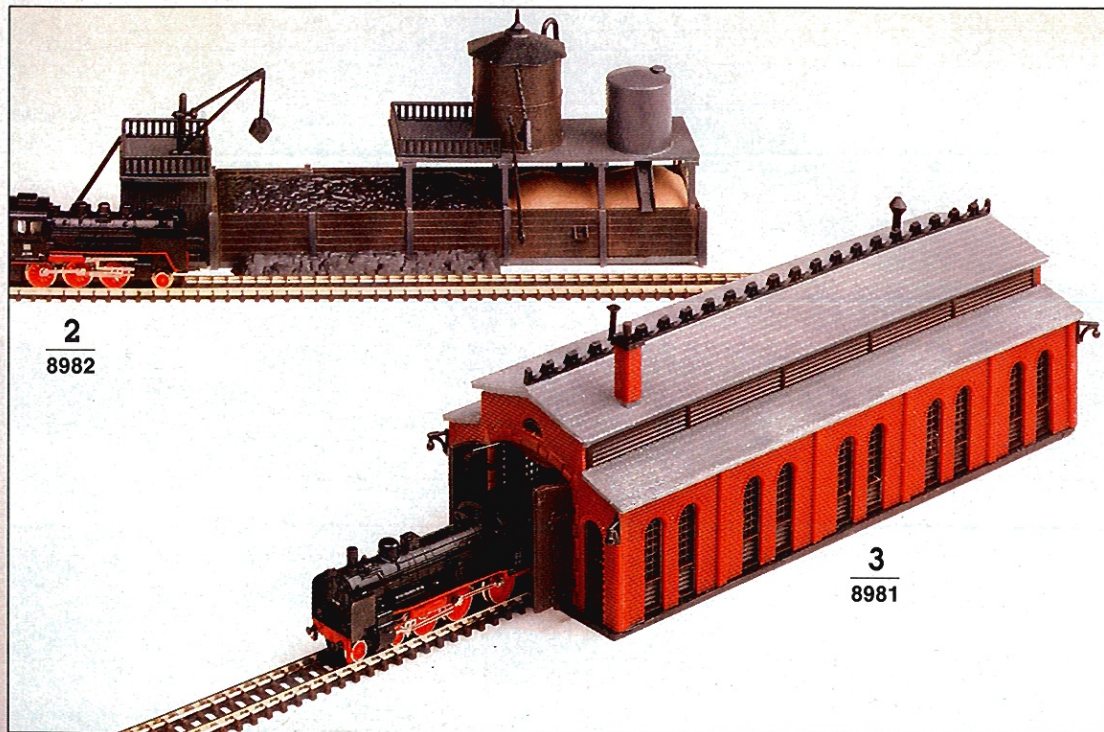
General scenery material (e.g. mats, grass, etc) may be obtained from any reputable hobby shop.

Structure kits listed here may be illuminated with the 8950.



1

8990



2

8982

3

8981

1

**8990 · Diesel Servicing Kit** · Fuel pumps, heating oil pumps, storage tanks and roof · Base area 140 x 70 mm (5-7/8" x 3")

2

**8982 · Steam Servicing Kit** · Crane, coal bunker, water tower, sand bunker with spout · Base area 167 x 45 mm (6-9/16" x 1-3/4")

3

**8981 · Single-Bay Engine House with Operating Doors** · Includes insulated track for stopping engines · Base area 150 x 50 mm (5-7/8" x 2")

4

**8972 · Container Terminal Kit** · Overhead gantry with moveable crane, containers and trucks · Base area 135 x 65 mm (5-5/16" x 2-9/16")

5

**8986 · Right-of-Way Detail Assortment** · 2 gripping levers, 4 crossing bucks, 4 sets of three railroad crossing approach signs, 1 telephone booth and 1 foot bridge

6

**8992 · Grade Crossing Kit with Gates** · 2 solenoid operated crossing gates, 2 pair of crossing bucks (illuminate- when gates are down) · Each half measures 96 x 37 mm (3-3/4" x 1-1/2")

☎ = 8953

For realistic prototype operation, be sure to add:

- a) for **manual operation** – 1 signal activator 8946
- b) for **automatic operation** – 1 Universal Remote Controller 8945 and 2 circuit tracks (as appropriate e.g. 8529, 8539, 8589) per track

7

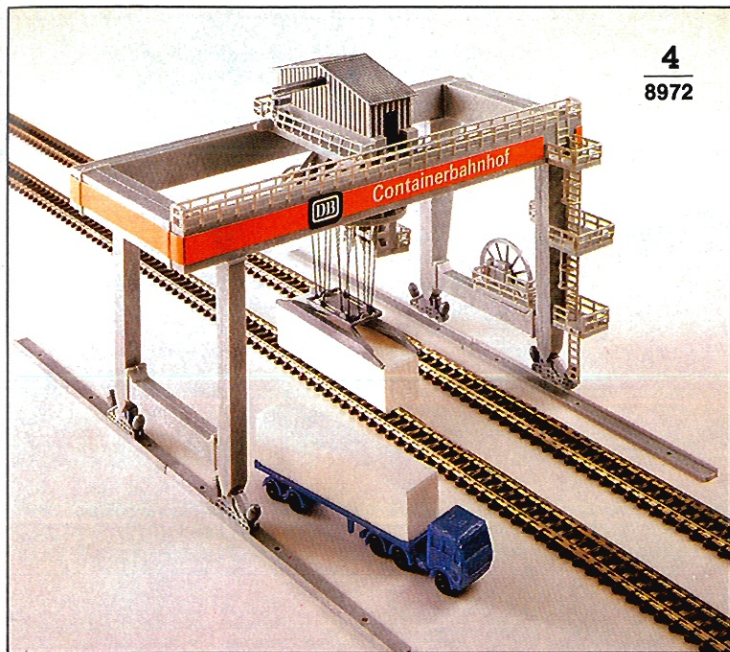
**8973 · Package of assorted miniature automobiles**

**8950 · Lamp with Socket** · Includes leads · Ideal for depots, buildings, etc.

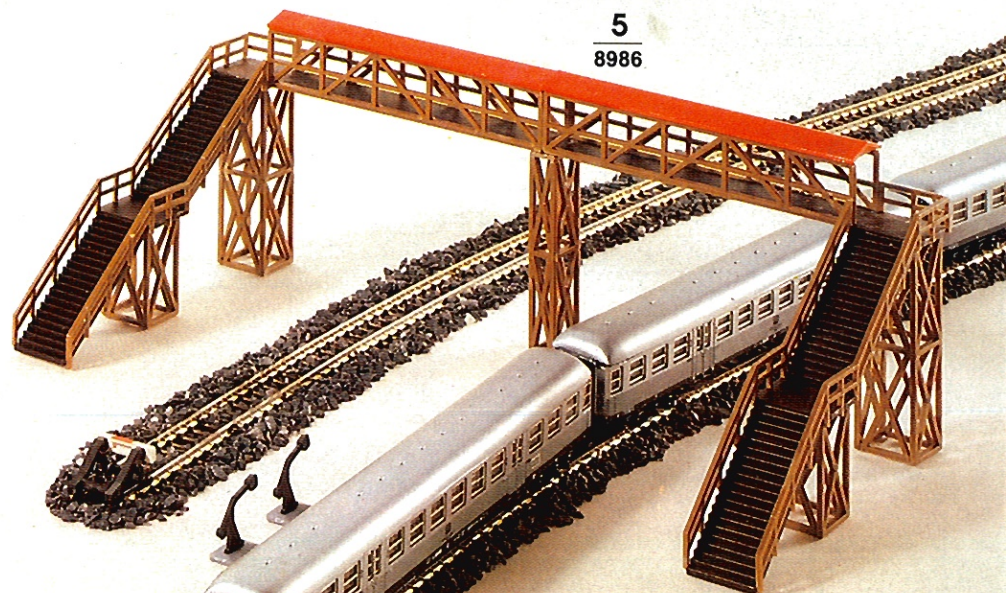
☎ = 8953

**8953 · Illumination Kit** · With 10 v bulb · For use with 8950 socket, signal 8939, 8940, grade crossing 8992 and also for use with illuminated locomotives





4  
8972



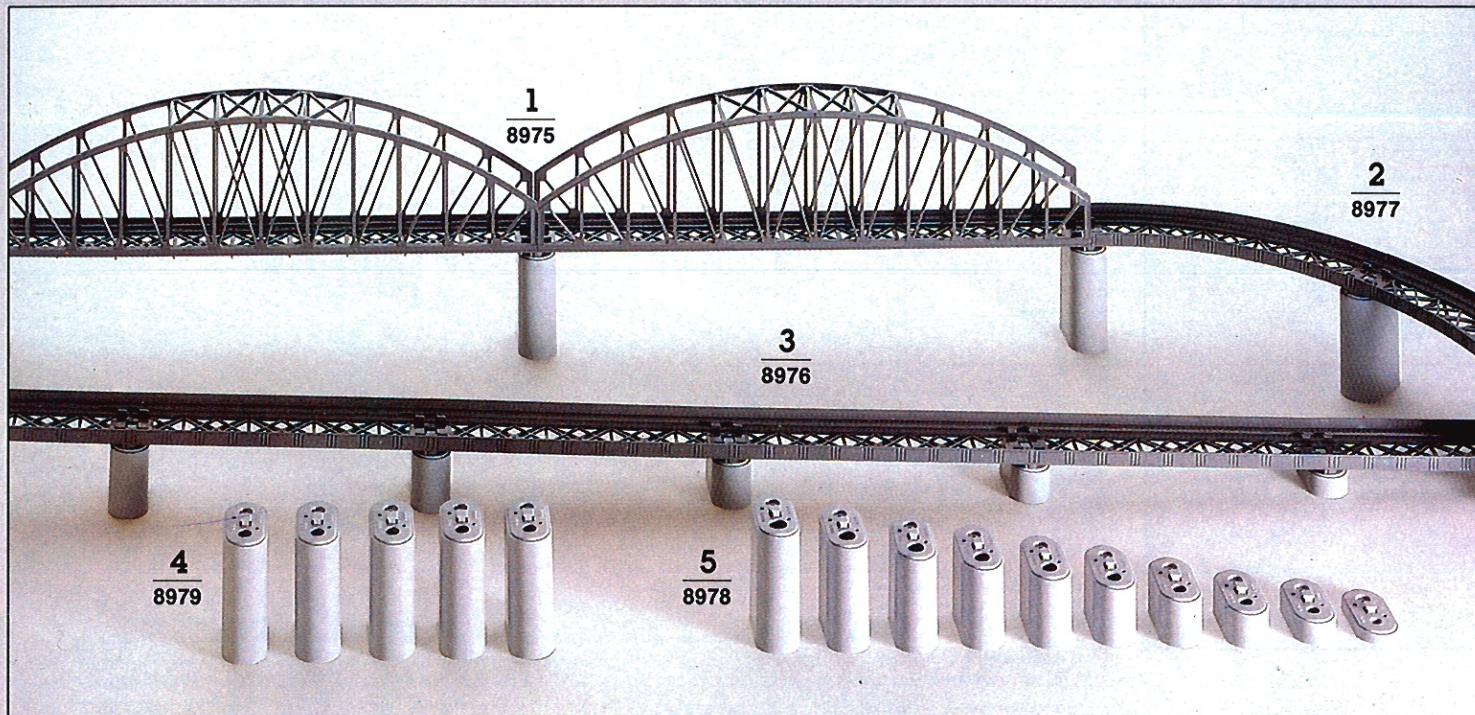
5  
8986



6  
8992

7  
8973





**1**  
**8975 · Through Bridge** · Length  
 220 mm (8-<sup>5</sup>/<sub>8</sub>"")

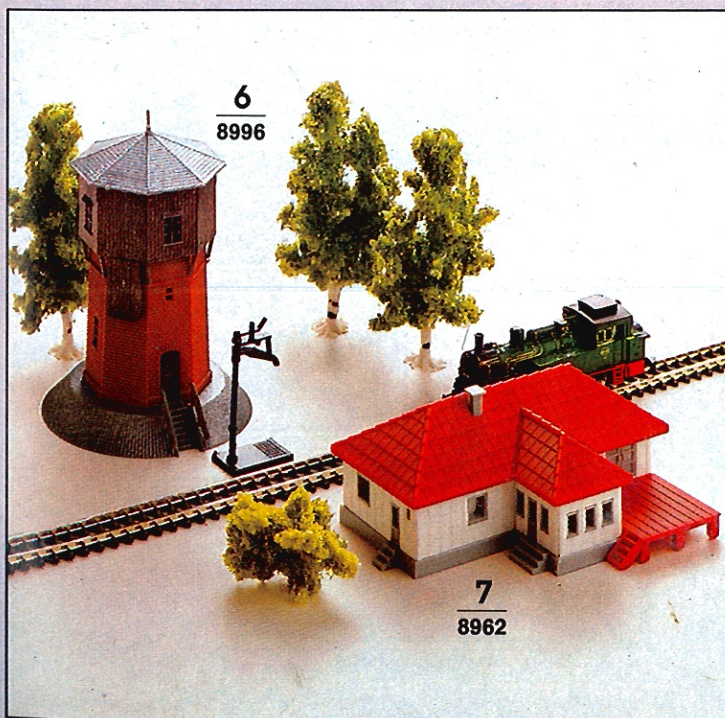
**2**  
**8977 · Curved Ramp** · Radius  
 145 mm (5-<sup>3</sup>/<sub>4</sub>"") · Track curvature 45°

**3**  
**8976 · Straight Ramp** · Length  
 110 mm (4-<sup>3</sup>/<sub>8</sub>"")

**4**  
**8979 · Bridge Pillars** · Set of 5 pillars,  
 40 mm (1-<sup>9</sup>/<sub>16</sub>"") high

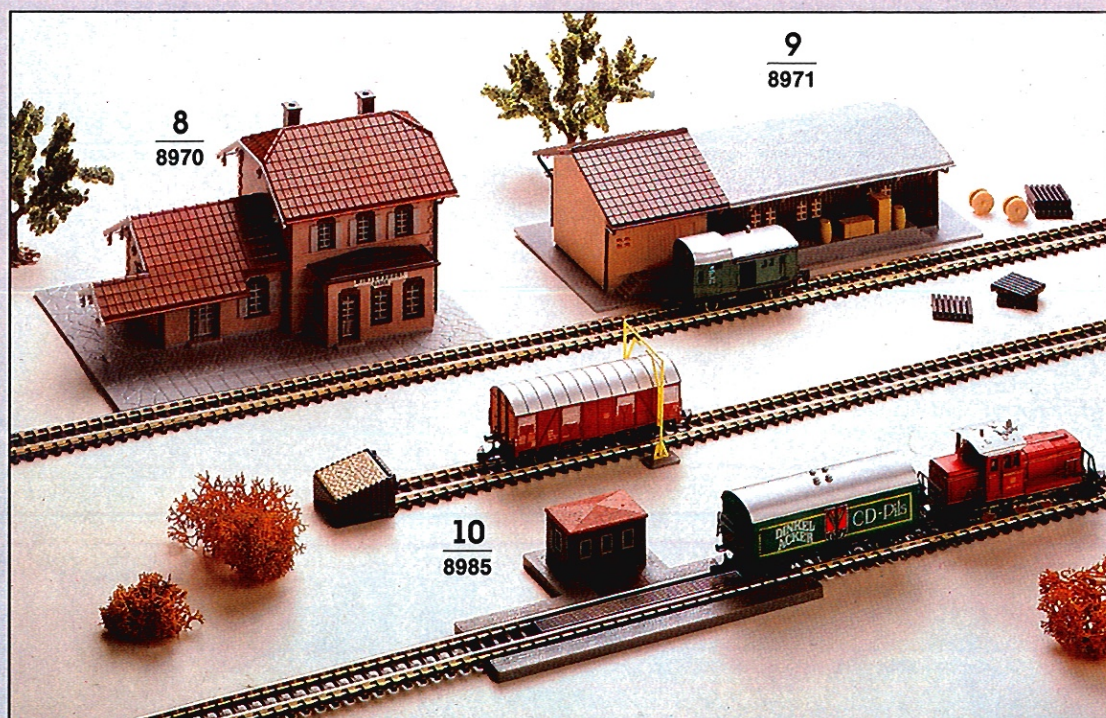
**5**  
**8978 · Approach Ramp Pillars** ·  
 10 pillars, 1 each of 4, 8, 12, 16, 20, 24,  
 28, 32, 36 and 40 mm high (0.157" to  
 1-<sup>9</sup>/<sub>16</sub>"")

**7599 · Flathead Wood Screws** ·  
 For connecting bridges to pillars ·  
 Pack of 200



**6**  
**8996**

**7**  
**8962**



**8**  
**8970**

**9**  
**8971**

**10**  
**8985**



**6**

**8996 · Water Tower Kit** · With spout · Base area 52 x 52 mm (2-1/16" x 2-1/16") · Height 75 mm (3")

**7**

**8962 · Dürnau Station Kit** · Multi-purpose with annex and platform · Base area 70 x 50 mm (2-3/4" x 2") · Height 30 mm (1-3/16")

**8**

**8970 · Wintersdorf Station Kit** · Main building, annex and canopy · Can be used alone or in conjunction with 8971 station house · Base area 72 x 112 mm (2-7/8" x 4-3/8") · Height 54 mm (2-1/8")

**9**

**8971 · Freight House Kit** · Warehouse, platform, and storage shed · Can be used alone or with 8970 station · Base area 53 x 130 mm (2-1/8" x 5-1/8") · Height 38 mm (1-1/2")

**10**

**8985 · Freight Station Detail Kit** · Loading gauge, scale (non-operating), shed, 2 bumpers, 5 stacks of cross ties, 2 cable reels, 2 crates, 2 drums

**11**

**8965 · Interlocking Tower Kit** · Base area 69 x 39 mm (2-3/4" x 1-1/2") · Height 46 mm (1-3/4")

**12**

**8960 · Göppingen Station Kit** · Center wing of actual station · Base area 228 x 114 mm (9" x 4-1/2") · Height 44 mm (1-3/4")

**13**

**8961 · Platform Kit** · 2 complete kits · Total overall length 440 mm (1' 5-1/4") · Width 38 mm (1-1/2") · Height 23 mm (7/8")

**14**

**8964 · Private Residence Kit** · With garage · Can be made into a one or two story home · Base area 91 x 71 mm (3-5/8" x 2-3/4") · Height 45 mm (1-3/4")

**15**


**8963 · Apartment House Kit** · With detachable penthouse · Base area 86 x 84 mm (3-3/8" x 3-5/16") · Height 97 mm (3-7/8")

**16**

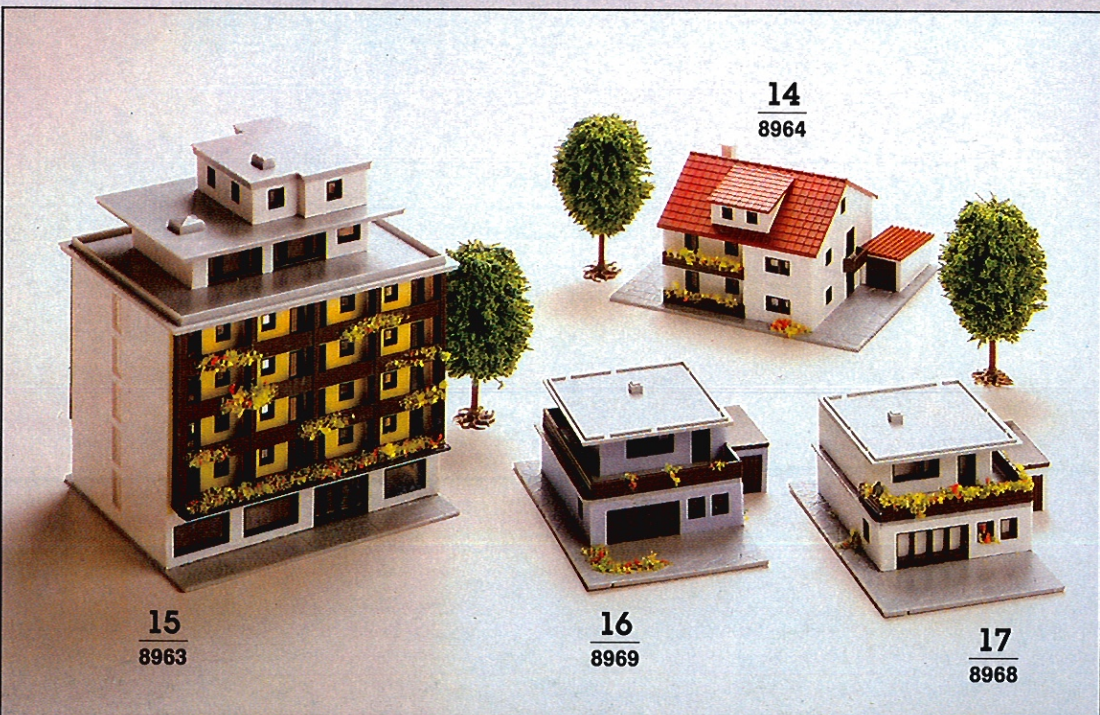
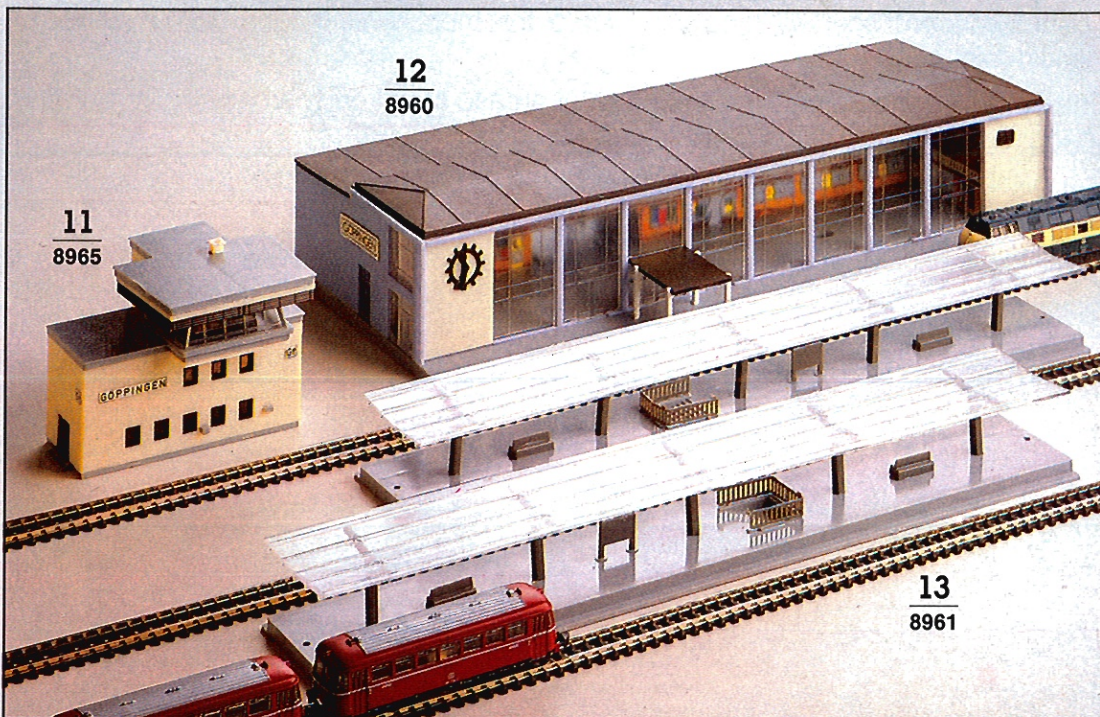
**8969 · Bungalow with Terrace** · Includes garage · Blue sides · Can be built as one or two story home in many variations · Base area 81 x 45 mm (3-1/4" x 1-3/4") · Height 29 mm (1-1/8")

**17**

**8968 · Bungalow with Terrace** · Includes garage · Same as kit 8969, but with white sides

**8950 · Lamp with Socket** · Includes leads · Ideal for stations, buildings, etc.  = 8953

**8953 · Illumination Kit** · With 10 v bulb · For use with socket 8950, signals 8939 and 8940, grade crossing 8992, and for illuminated locomotives



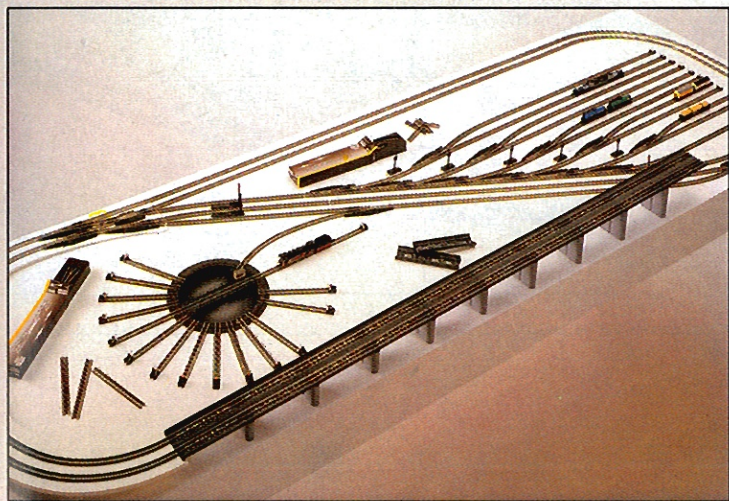


# Fun at all Levels

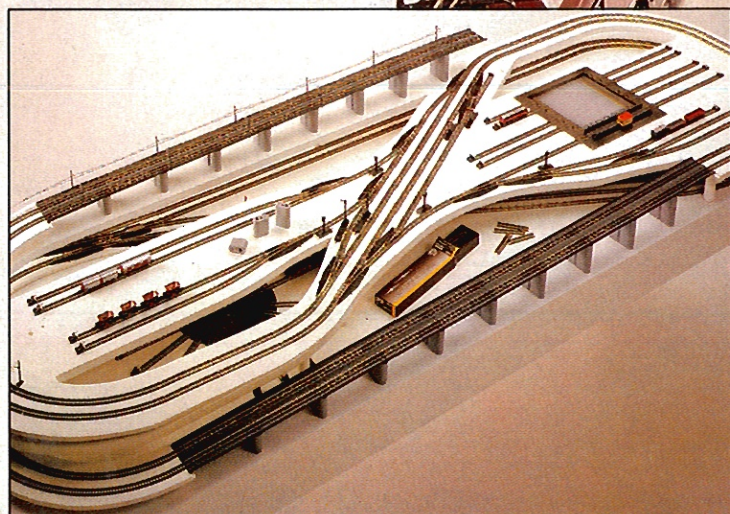
If benchwork and scenery is not your cup of tea, then, by all means, don't overlook Märklin mini-club.

One possibility of adding even more layout area to the already small requirements needed for mini-club is to build vertically, by adding levels.

The detailed track plan for the mini-club layout 22/009 is available upon request.



Layout Size: 180 x 60 cm (6' x 2')









# Railroading with Pzazz: Märklin mini-club

Märklin mini-club is an extraordinary little railroad which sparks its followers with a special excitement to be creative. Genuine originality has been shown at competitions all over the world. One can only marvel at the array of fabulous ideas which mini-club helps realize.

Soak up some inspiration!

Go round, and, round, and, round.  
Märklin mini-club.

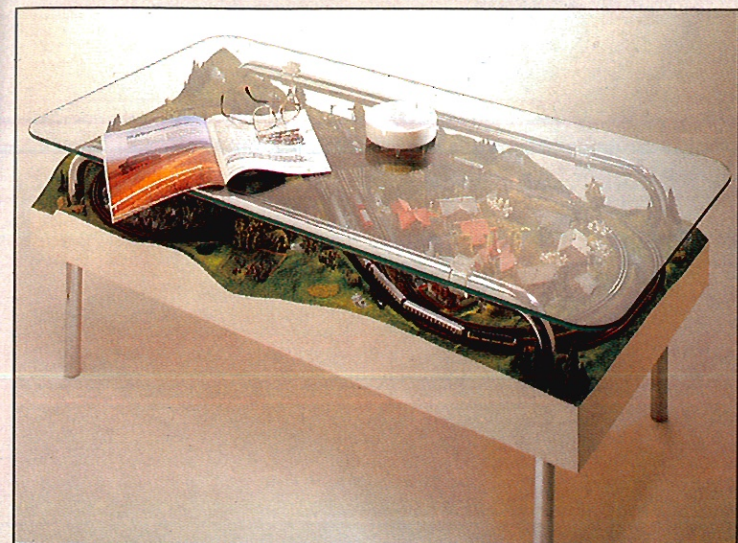


Is this why forests are disappearing?

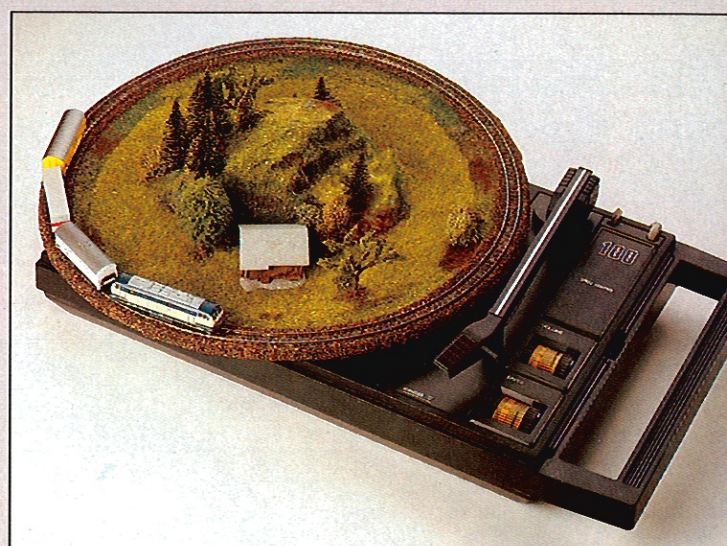




It's clear, Märklin mini-club is here.



Where did the secretary put it?



Play a different tune.

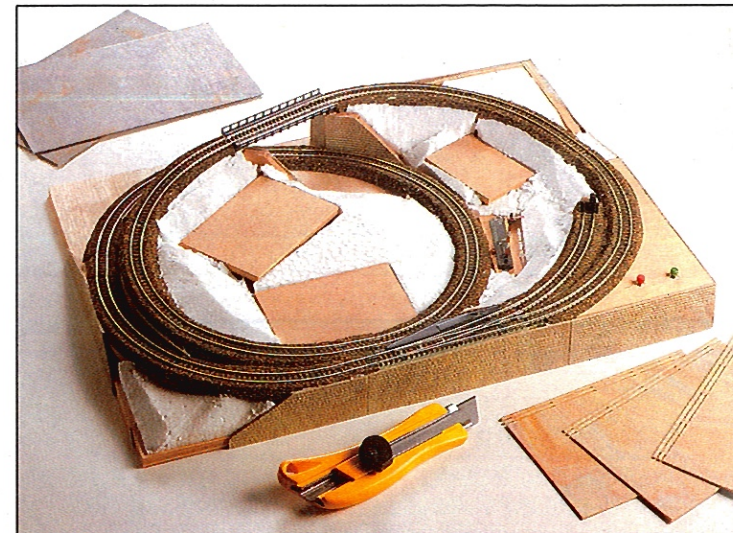
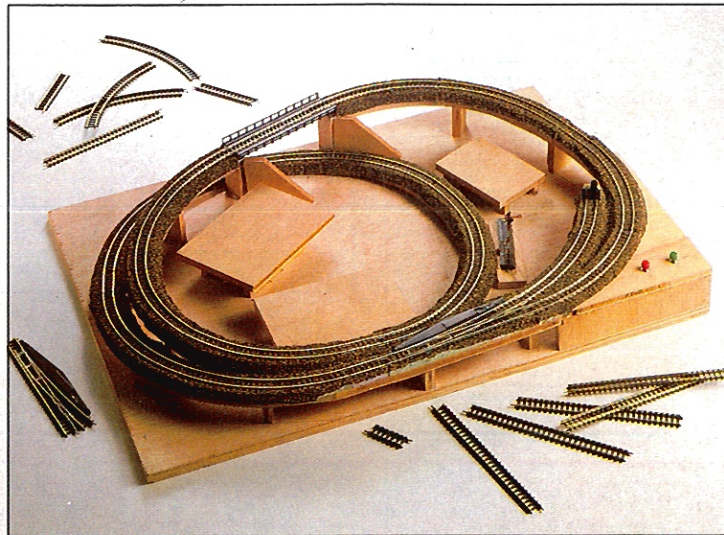
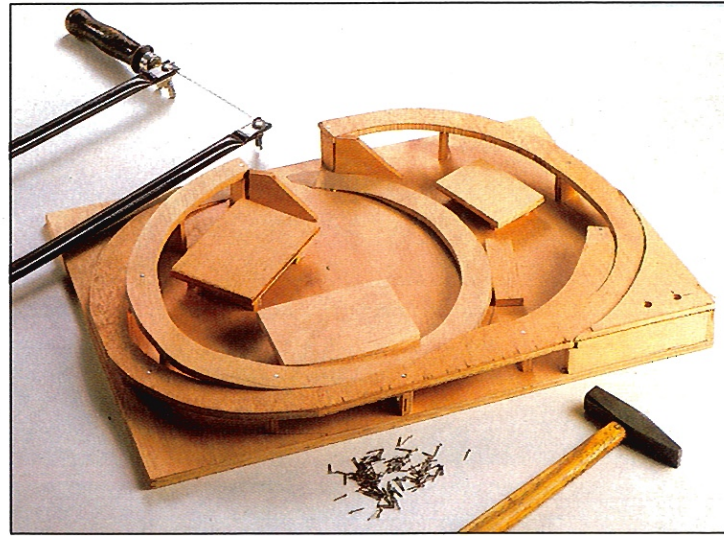
Oh, the Rock Island Line!



# But Don't Get Caught!

Did you know that a complete mini-club layout can fit inside an attache case?  
You can take it with you to press conferences, sales meetings, even on the train.  
Take it wherever you want to have some relaxation.

But don't get caught, otherwise you have to share the fun!





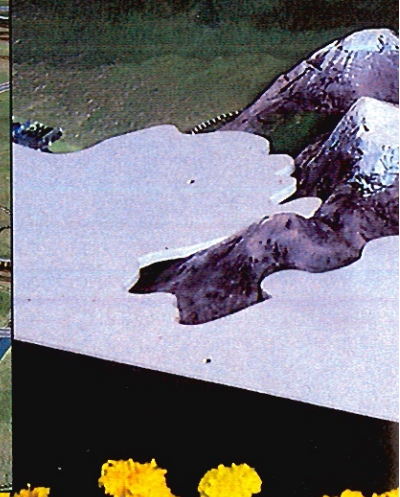
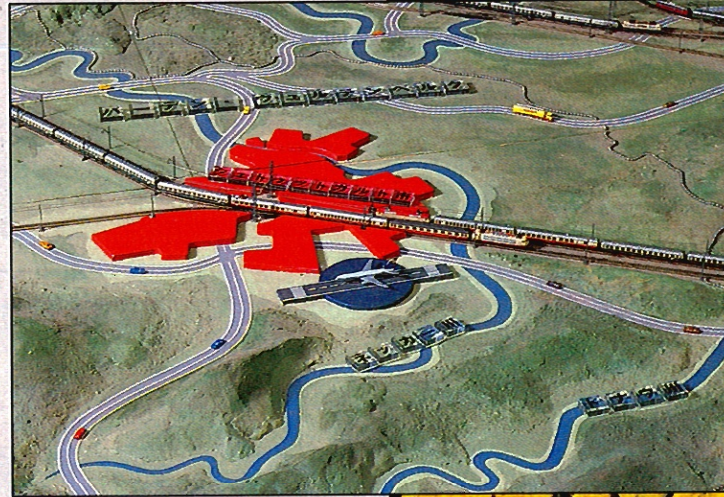
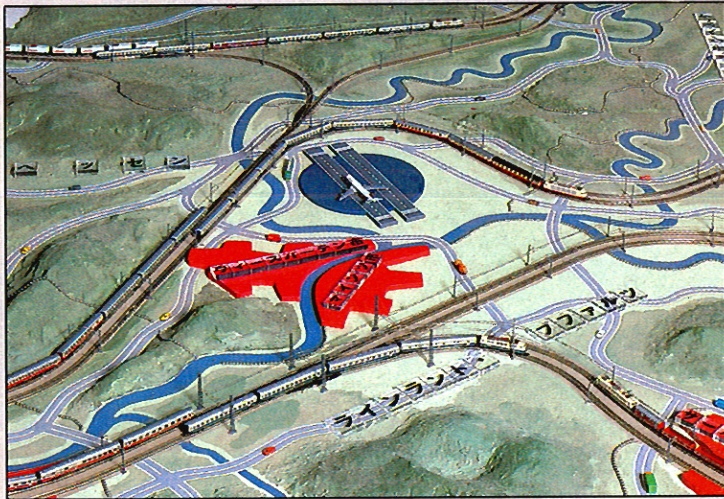
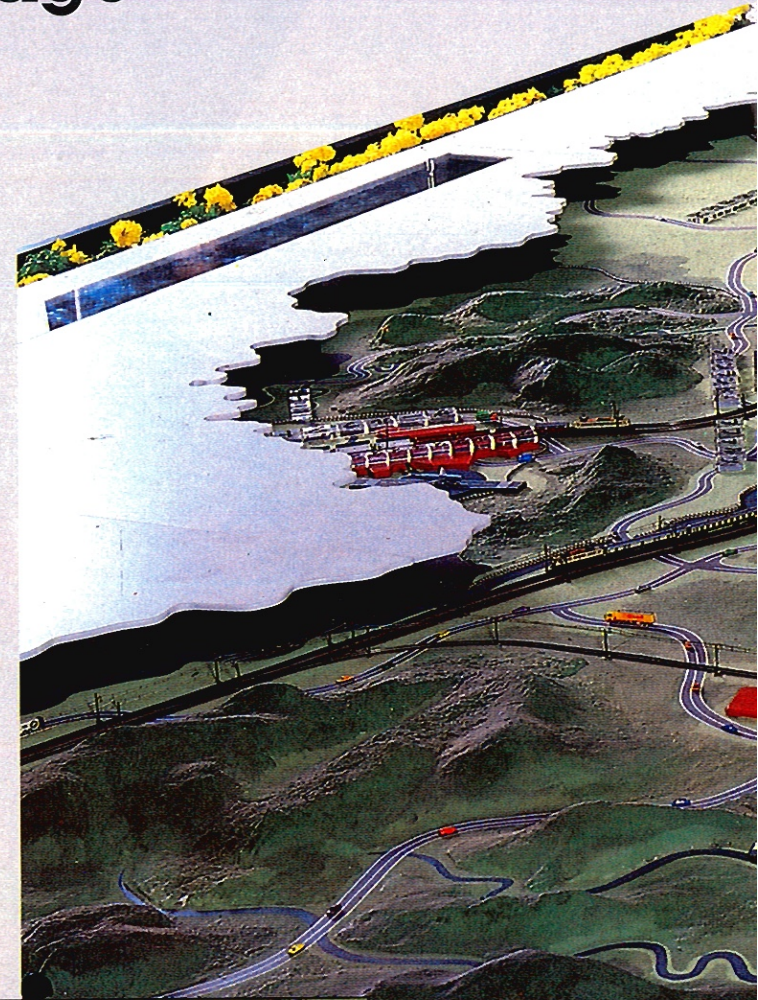
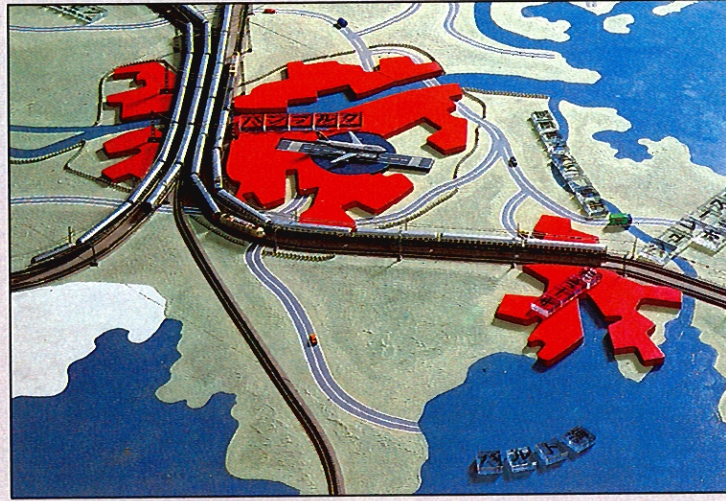




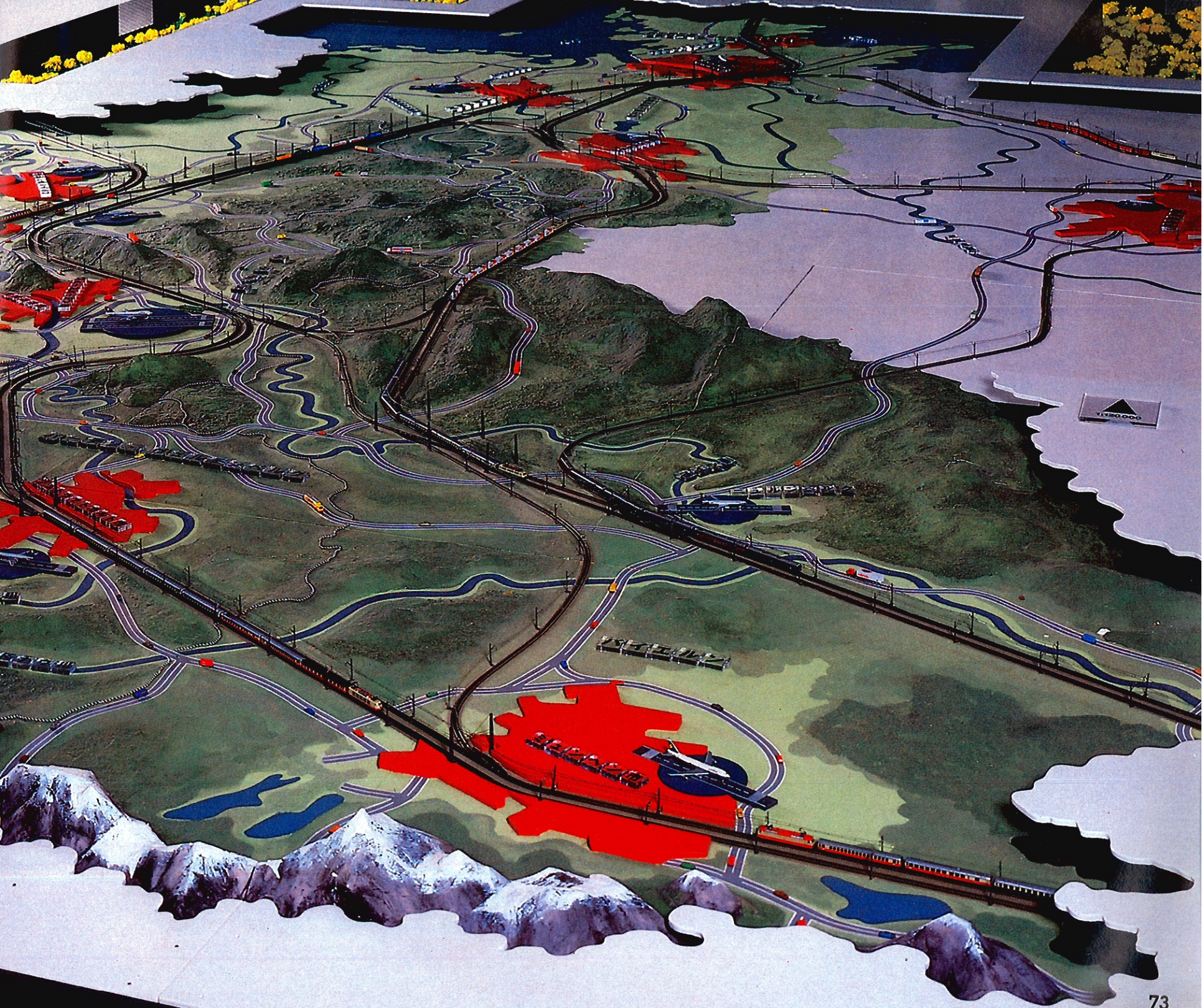
# With mini-club on a Long Voyage

At the recent German Achievement Fair in Tokyo, a 40 square meter (132 sq.ft.) model of the entire Federal Republic of Germany, scaled 1:120,000, complete with capital, airports, highways, rivers, and other details was unveiled.

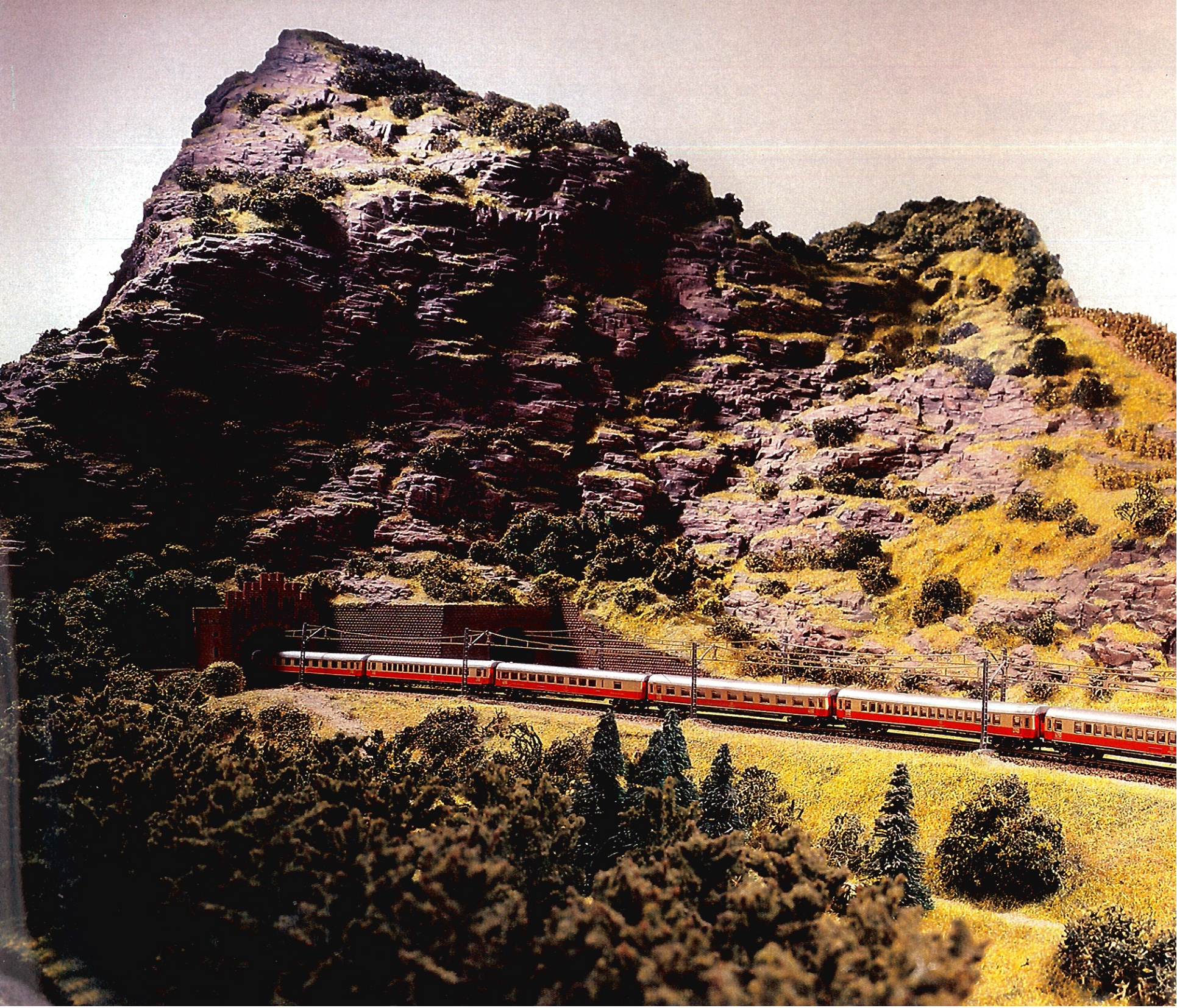
But what excited the viewers the most, was the largest mini-club layout fully integrated into this model. Untiring, the 12 mini-club trains continuously circled their way from the North Sea to the Alps in just 40 seconds. The visitors took a bit more time to watch!













# The New Dimension in Layout Construction

Line 3603, the German Federal route along the right bank of the Rhine River, is considered as one of Germany's finest railroad lines. Using Märklin mini-club, the section from Loreley to Roßstein was modeled with prototypical accuracy. This type of modeling is only possible with mini-club.



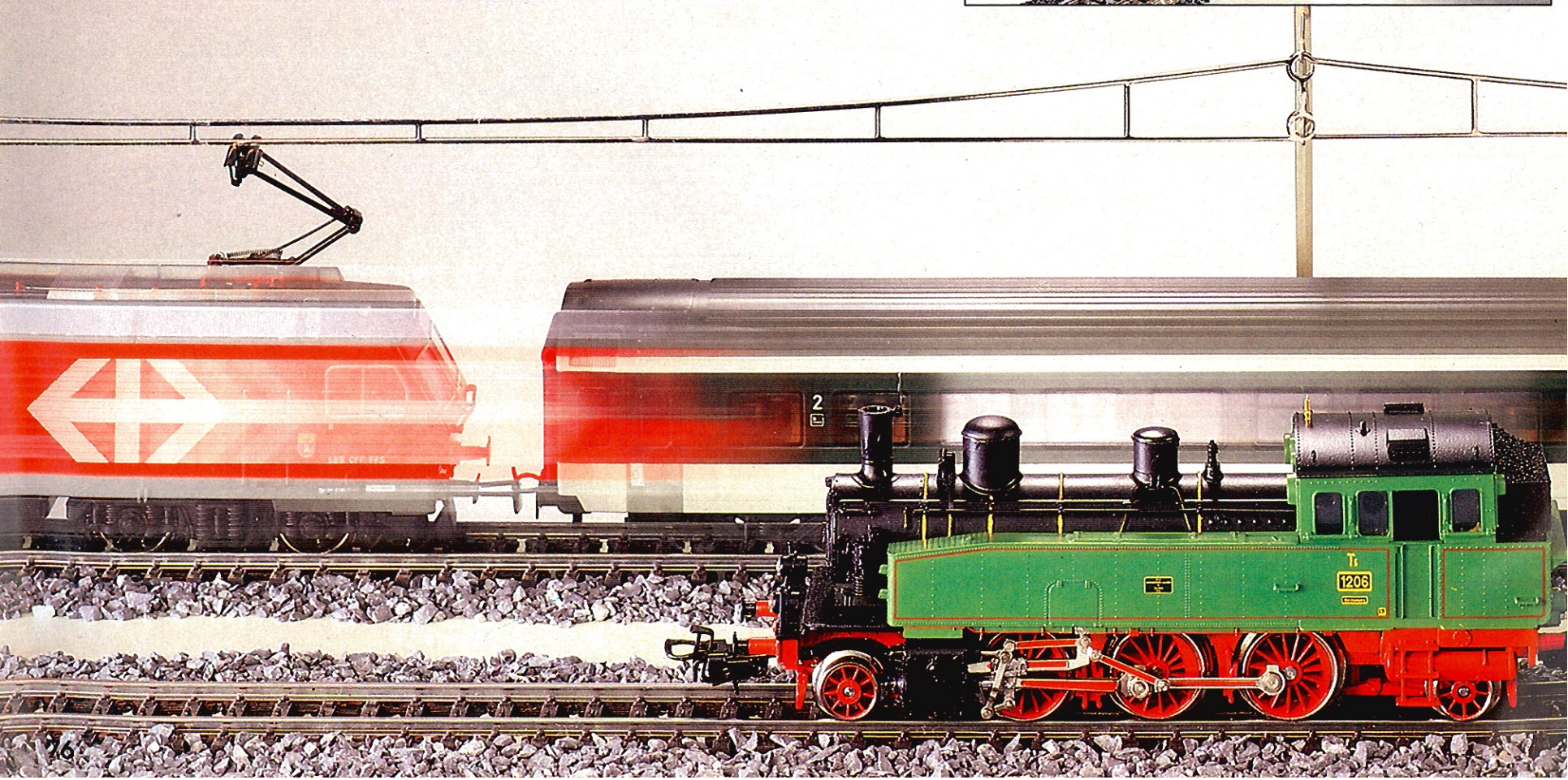
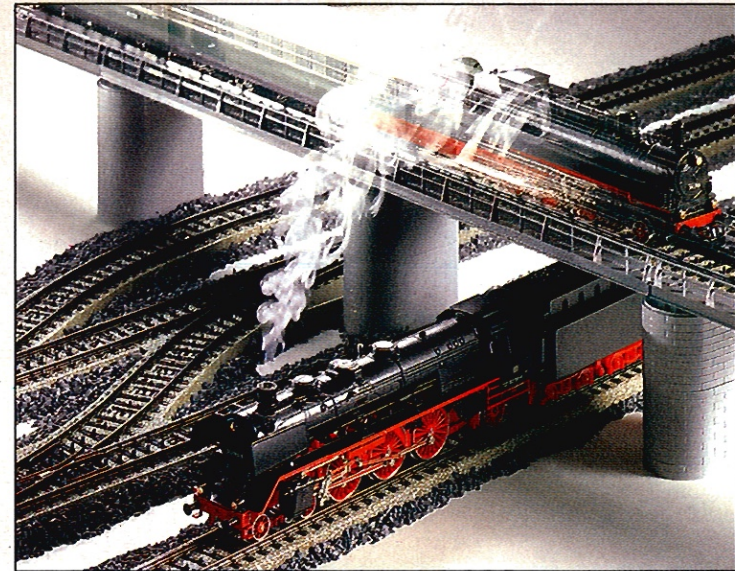


# Märklin H0 – the Fabulous World of Railroading

Märklin H0 – it is planning and building, constructing and creating, operating and controlling, scheduling and switching, fun and adventure and, and, and . . .

With Märklin H0 everyone can give free reign to his creativity and build a world of railroading as one wishes.

Märklin H0 offers a systematic, problem-free technology, lasting reliability, a kaleidoscope of functions and a “right” size.







Model Size H0  
Gauge 16.5 mm ( $\frac{5}{8}$ " )  
Scale 1:87

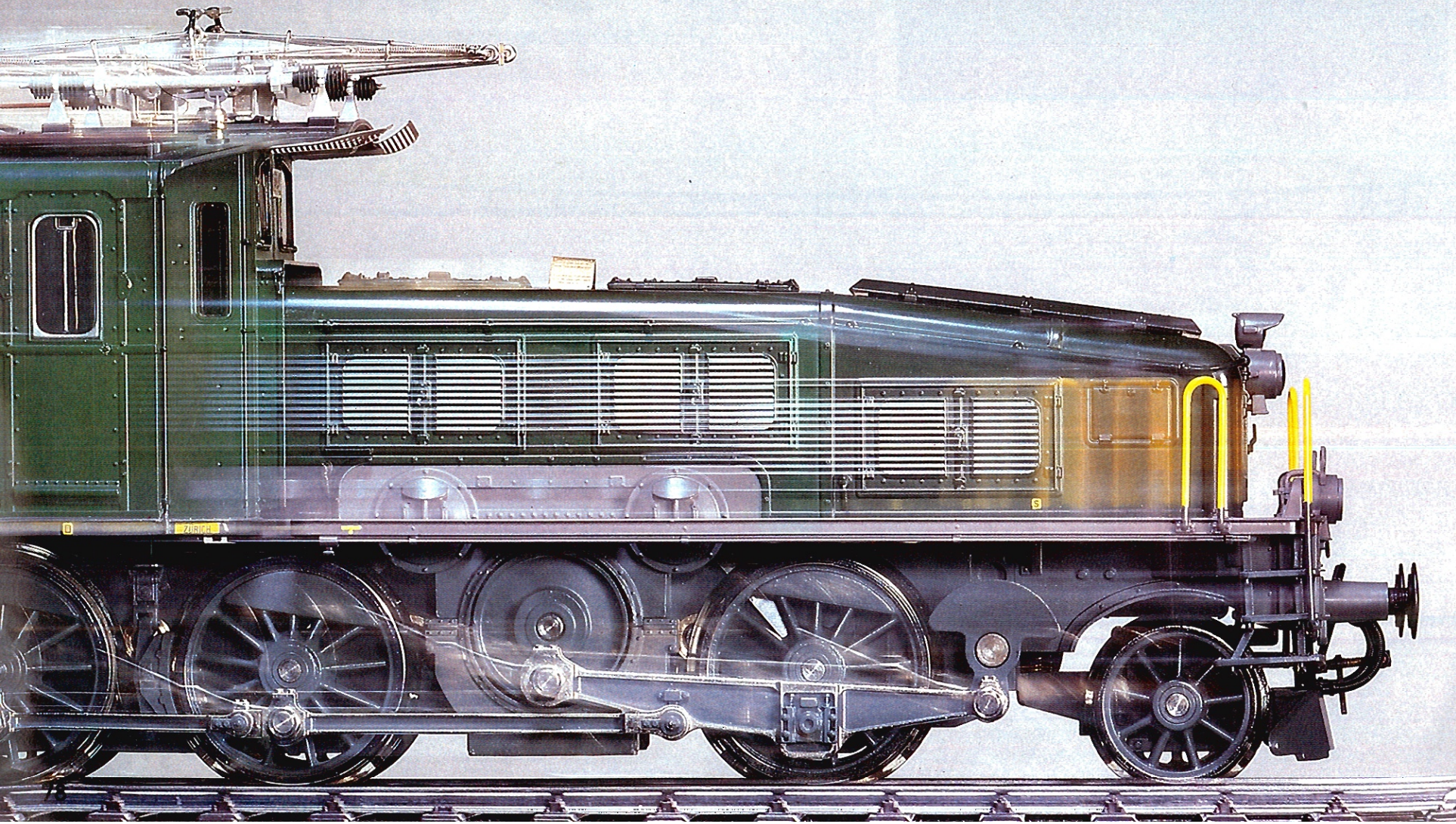
The comprehensive 196 page Märklin H0 catalog with numerous new suggestions and ideas from the fabulous world of Model Railroading is now available at your dealer.





# Märklin Gauge I – the Big One

Märklin I scale trains look and feel like real trains. They excite all railroaders. It is a versatile system, easily put up and taken down, outside or inside. The Märklin I models are treasured by collectors and are a good investment. Whether kept in a glass case or placed as a centerpiece, these cars catch the eye of everyone. Märklin Gauge I offers a lot of fun for the whole family.

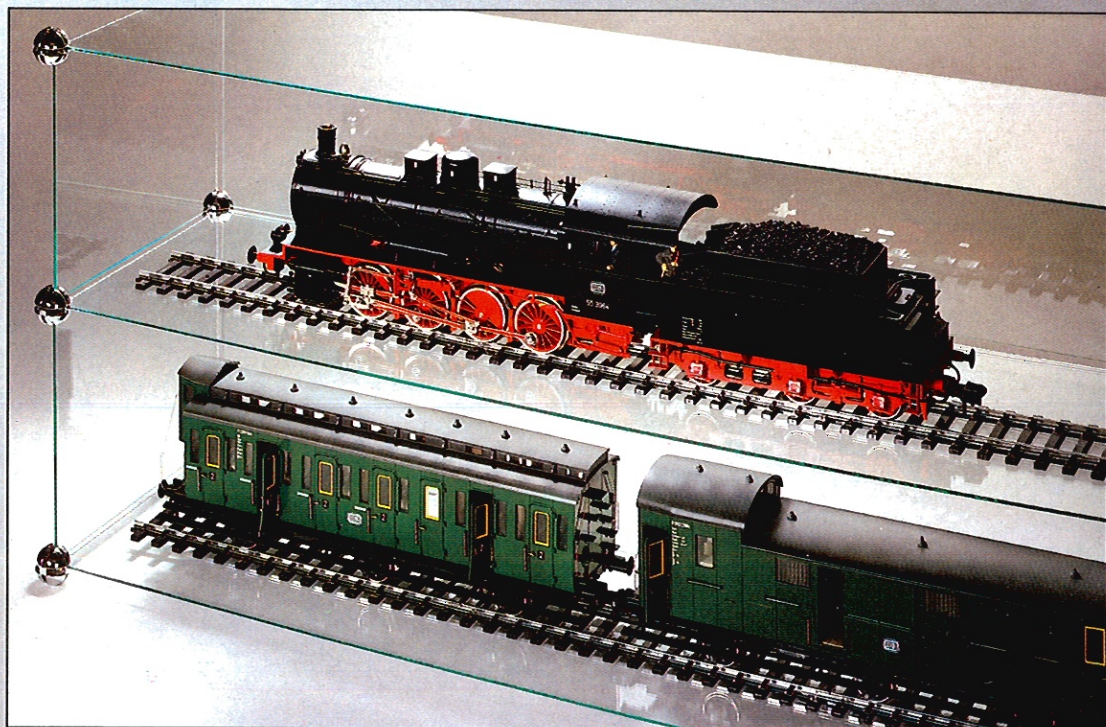






Model Size I  
Gauge 45 mm (1-3/4")  
Scale 1:32

Experience the size of Märklin I models. See the new 44 page Märklin I gauge catalog now available at your hobby shop.

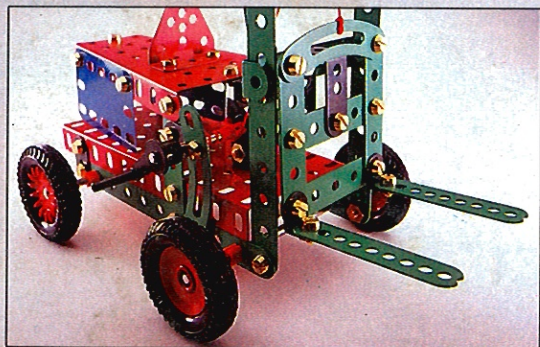




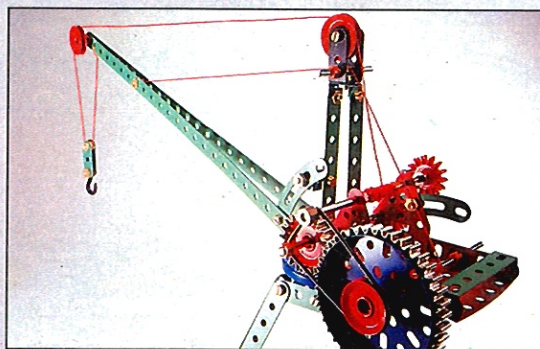
# Märklin Erecting Kits – Fun with Technology

Märklin metall – an erecting system utilizing basic screw and nut technique, just like real life construction projects. Thus, these intriguing kits are a genuine learning experience, an exciting introduction into the world of engineering. Actual tools, scaled-down metal parts and realistic nut and bolt assembly make the technology of Märklin metall fun.

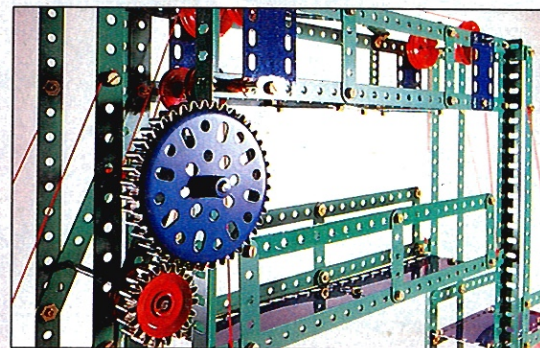
## The Märklin R-Way Club



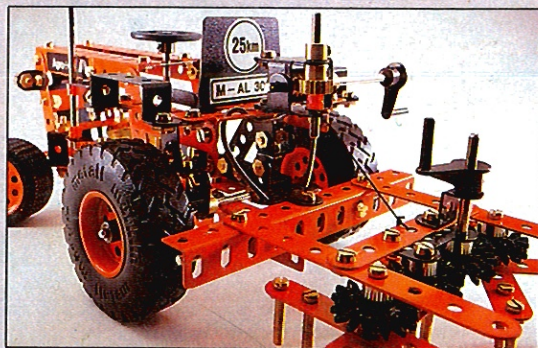
That these kits are fun is exemplified by the fork lift which can be made with the Basic Kit A (1051). 24 other machines can also be made with this kit.



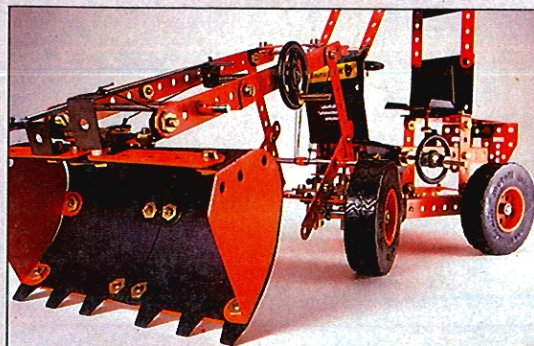
These kits are “alive”. They move and change position like the crane shown here, one of 50 kits which can be assembled using the parts with Basic Kit B (1052).



More involved planning and construction, yet still using basic nut and bolt technology, are possible with the Basic Kit C (1053). The drawbridge shown here is one of 68 models which can be made using this kit.



Variety was a keynote in the development of these kits. The Farm Machinery Set (1054) is a theme set with which one can make all sorts of agricultural machines, tractors and implements.



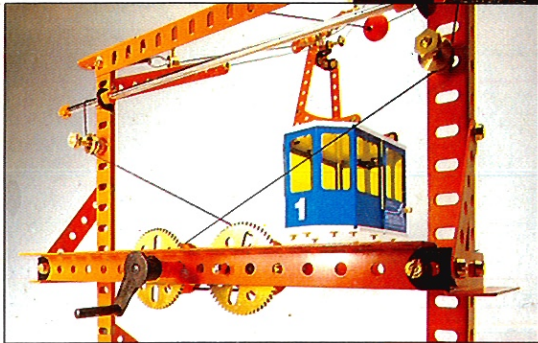
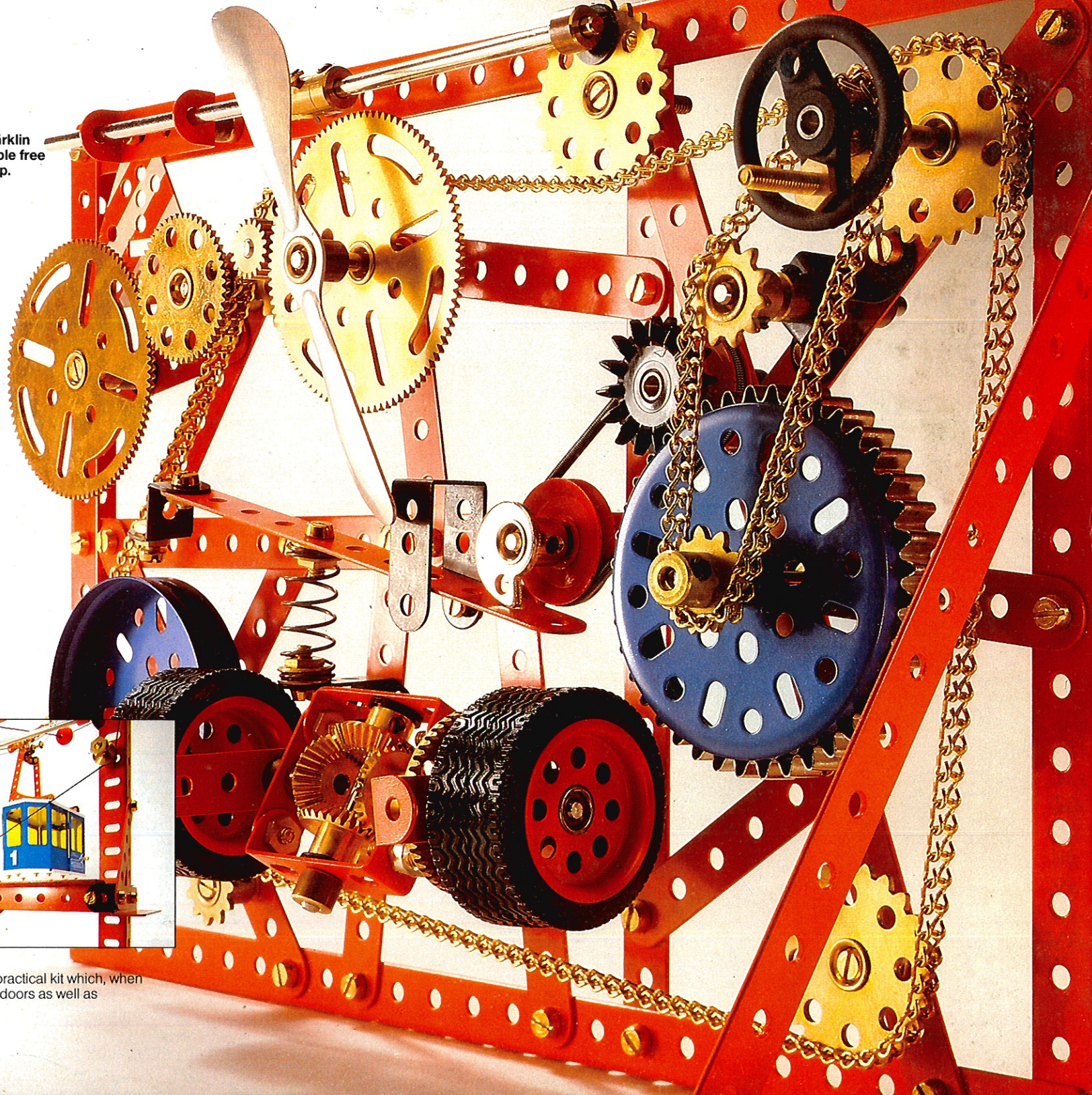
The Construction Vehicle Set (1055) enables one to assemble working models of heavy duty machines seen at construction sites.



Truck models made with the Truck Set (1056) are strong, stable, and technically exact. Cab-overs, sprung axles, and winches are just some of the elements of truck technology which can be assembled with this kit.



A 16-page prospectus on Märklin Metall Erecting Kits is available free of charge at your hobby shop.



Cable Railways Kit (1057) is a practical kit which, when fully assembled, will operate indoors as well as outdoors.



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