

A high-speed train, possibly a Shinkansen, is shown in motion on a track. The train is white with a blue stripe and is illuminated by the warm, orange light of a sunset. The sun is low on the horizon, creating a dramatic sky with orange and yellow clouds. The train's windows are lit up, and the tracks curve into the distance. The overall scene is a high-contrast, warm-toned photograph.

**märklin**

**Complete Program 2002 / 2003 E**

# 30 Years Of Mini-Club.



## 88052 Locomotive in the Light Bulb.

**Prototype:** Class 89 tank locomotive.

**Model:** Comes equipped with the 5-pole Mini-Club motor. Floating center axle. Locomotive built into a light bulb. The light bulb stands on a stone base. An exclusive writing implement is included.

The model of the class 89 tank locomotive has stood for 30 years as the synonym for Mini-Club. It was there right from the introduction of Mini-Club in 1972. The model of the class 89 in the light bulb symbolizes Mini-Club like no other image and it reflects the tiny aspects of the models. With a length

over the buffers of 45 mm or 1-3/4" it has remained right up to today the smallest Mini-Club locomotive.

On the occasion of the 30th birthday of Mini-Club Märklin is translating this symbolic representation into a limited edition in reality. The locomotive in the light bulb is quite suitable as a eye-catching decorative piece on any desk. A shaped base of precious stone forms the foundation. The light bulb together with the class 89 tank locomotive placed inside it is mounted on the base. In addition, a high quality ballpoint pen as an exclusive writing implement is included.

How the locomotive got through the narrow neck of the light bulb will remain our secret.

**The no. 88052 locomotive in the light bulb is being produced in a one-time series only in 2002 on the occasion of the 30th anniversary of Mini-Club.**



## 82362 Special Car with a CD-ROM

"30 Years of Mini-Club".

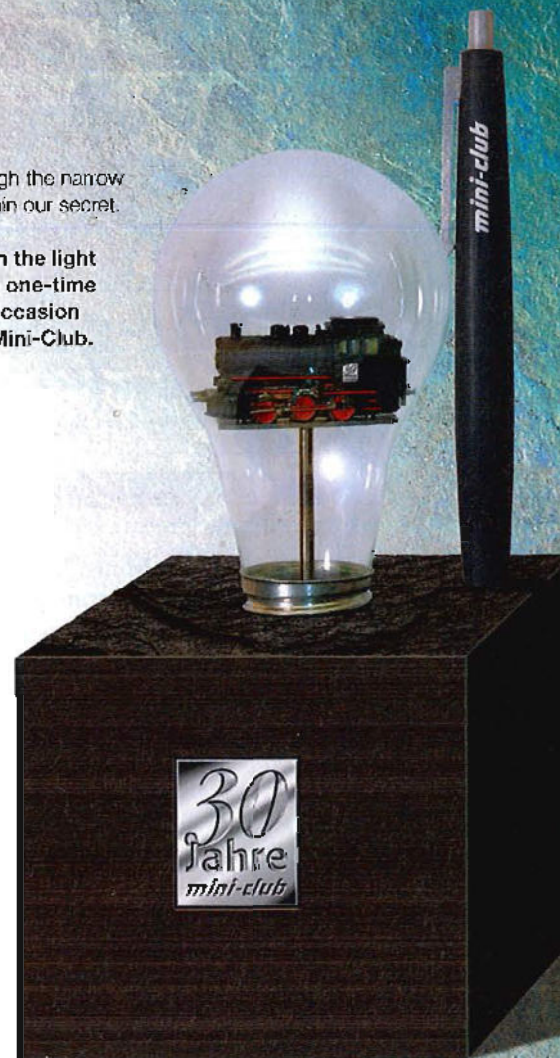
**Prototype:** Type 1 gjs 598 flat car for containers. Loaded with two 20 ft. containers.

**Model:** Containers are removable. Car floor for the container flat car is made of metal. Length over buffers 64 mm / 2-1/2".

A CD-ROM is included with this special car. This CD-ROM shows an historical sketch of the last 30 years of Mini-Club with selected highlights from this period. It gives an overview of the Mini-Club museum cars and

anniversary models that have been offered in the past. All of the Mini-Club Exclusive items that have been offered in the past are presented, and all Mini-Club Insider models and annual cars. The construction of a small model railroad layout is graphically presented in individual construction steps. Several video sequences at the end round out the contents of this CD-ROM. German text only.

**One-time special series in 2002.**  
**Available starting in the 4th quarter of 2002.**





**81862** 230 volts  
"30 Years of Mini-Club" Large Freight Train Starter Set with Large Track Layout and Power Pack.

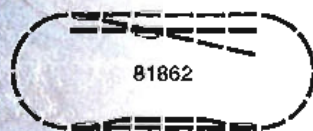
**Prototype:** 1 German Federal Railroad (DB) class 151 freight locomotive. 1 type Hb's 299 sliding wall boxcar. 1 type Hb's 407 refrigerator car. 1 type Lgjs 598 flat car for containers, loaded with two 20 ft. containers. 1 pressure gas tank car without a heat shield. 1 type Ed 089 dump car. 1 type Ucs 908 bulk freight silo car.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered. Containers on the container car are removable.

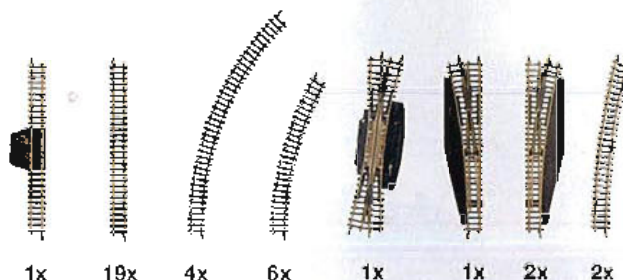
Separately applied railings, ladders and operating levers on the dump car. 20 sections straight track, 12 sections curved track, 1 double slip switch, 3 electric turnouts, 3 track bumpers, rerailer, control box, distribution strip, wire and power pack. Track plan brochure. Train length 446 mm / 17-9/16". Can be expanded with the SET track extension sets 8192 and 8193 or as desired.

The 81862 starter set is being produced in a one time series only in 2002 on the occasion of the 30th anniversary of Mini-Club.

*In 1972 Mini-Club first saw the light of day. And in the 30 years of its existence it is still the smallest mass produced model train system in the world. The freight train from the 81862 starter set gives an authentic and realistic impression of how freight was transported by rail at that time, at the start of the 1970s.*



1062 x 402 mm  
42" x 16"



1x 19x 4x 6x 1x 1x 2x 2x



... tiny, yet tremendous ... **mini-club**

# Fun Starter Set.

Traveling by rail – that applies doubly to Mini-Club. Thanks to the new Fun Starter Set in its little transparent suitcase with a battery controller the globetrotter can indulge his hobby all over the world. Free from a power cord and wall outlet, you open your Mini-

Club suitcase and go off on trips with the little train. The effect is multicultural: The gigahertz status laptops all around you will be closed in embarrassment – you are immediately the trendsetter.



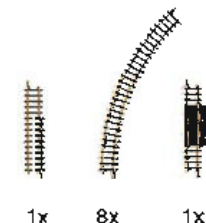
## 81520 Fun Starter Set with Battery Powered Train Controller.



**Prototype:** 1 class 89 tank locomotive.  
1 refrigerator car.

**Model:** Locomotive with 5-pole Mini-Club motor. Floating center axle. All driving axles powered. Refrigerator car comes in an attractive paint scheme. 8 sections curved track, 1 section straight track, 1 feeder track, 1 battery powered train controller with feeder wires. Locomotive and cars are in a special version. Not available separately. Train length 102 mm / 4".

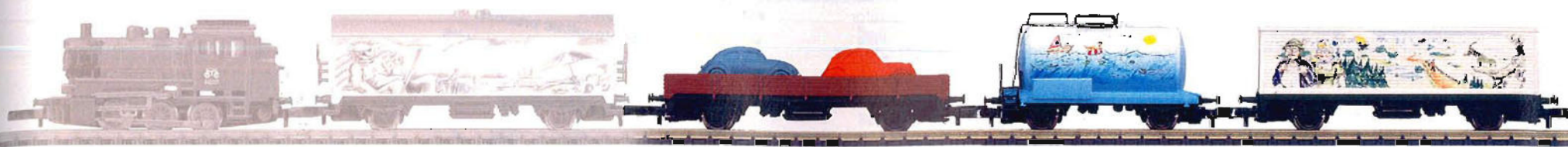
This starter set is powered with a 9 volt transistor battery in the battery powered controller. Batteries not included.



357 x 302 mm  
15" x 12"



This starter set is packed in a small miniature suitcase as the ideal thing to take along on a vacation.



**N** 81950 230 volts  
**Add-on Set for the 81520 Fun Starter Set, with Track Layout and Power Pack.**

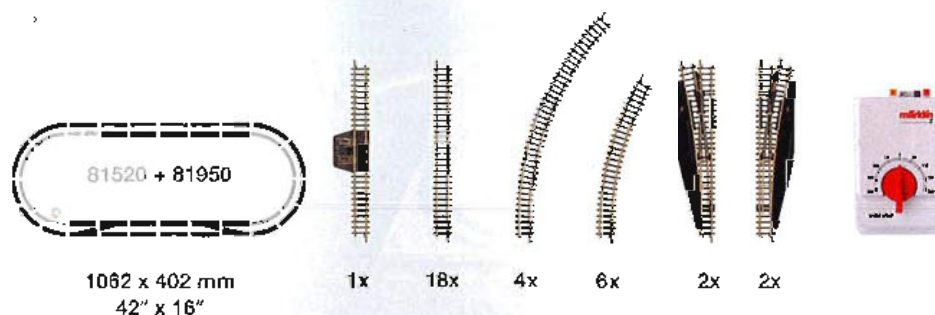
**Prototype:** 1 flat car for containers, 1 low side gondola, 1 tank car.

**Model:** Flat car for containers and tank car are attractively painted and lettered. Low side gondola is loaded with 2 model automobiles made of metal. 10 sections curved track, 18 sections straight track, 1 feeder track, 4 manual turnouts, Mini-Club power pack. Track plan brochure. Train length: 188 mm / 6-5/8". Can be expanded with the SET track extension sets 8192, 8193 and 8194 or as desired.

This add-on set marvelously expands the train from the 81520 Fun Starter Set by several cars. In addition, the track included in the set offers the possibility of expanding the small oval of track from the 81520 set to a double track layout that includes a second oval with 4 manual turnouts. A sufficiently powerful Mini-Club power pack is included with this add-on set so that you are ready to run a second train. The SET track extension

sets 8192, 8193 and 8194 offer additional possibilities for expansion to include a third oval of track and a switching area. Of course, you can design your own track layouts with the extensive Mini-Club track system.

The practical packaging for this set has room for the add-on set and for the 81520 Fun Starter Set.



# Solar Set



## 81510 Solar Set.

Small model railroad in a briefcase, powered by a solar module and free of electrical power outlets.

**Contents:** Model electric locomotive based on the class 120, comes with a 5-pole Mini-Club motor. Both trucks are powered. 1 refrigerator car, 1 flat car for containers. Straight track, curved track and feeder track mounted on a landscaped board. Locomotive controller. Rechargeable battery and charge indicator for battery. Locomotive and cars are in a special edition. Not available separately. Train length 201 mm / 7-15/16".



- Powered by solar energy.
- Independence from electrical outlets by means of photovoltaic process.
- The joining of proven technology with innovative power supply.
- Trend product for discussions about energy.



The locomotive with the cars can be operated with electrical power supplied directly from the solar module or from appropriate rechargeable batteries that are charged up by the solar module. A solar module is mounted on the upper surface of the briefcase to produce the necessary solar current. A built-in locomotive controller is used to operate the locomotive.

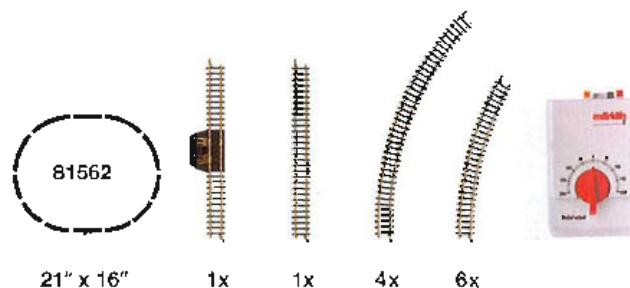


**81562** 230 volts  
**Gift Set in a Cube Format.**  
**Freight Train with Oval of Track and Power Pack.**

**Prototype:** 1 German Federal Railroad (DB) class 74 tank locomotive, 1 gondola, 1 refrigerator car.

**Model:** Locomotive with 5-pole Mini-Club motor. All driving axles powered. Gondola

with a gift as a load. Refrigerator car painted and lettered for Privatbrauerei Ganter, Freiburg, Germany. 2 sections straight track, 10 sections curved track, rerailer and power pack. Track plan brochure. Train length 169 mm / 6-5/8". Can be expanded with the SET track extension sets 8190 or 8191, 8192, 8193 and 8194 or as desired.



Trains are shown full size

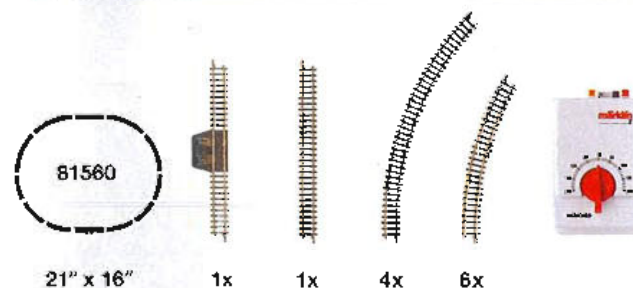


**81560** 230 volts  
**81566** 120 volts USA  
**Freight Train Starter Set with Oval of Track and Power Pack.**

**Prototype:** 1 German Federal Railroad (DB) class 24 steam locomotive with tender, 1 low side car, 1 refrigerator car.

**Model:** Locomotive with 5-pole Mini-club motor. All driving axles powered. Equipped

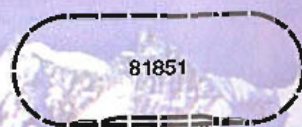
for installation of 8953 light insert. Refrigerator car painted and lettered for "Distelhauser" Brewery. 2 sections straight track, 10 sections curved track, rerailer and power pack. Track plan brochure. Train length 198 mm / 7-13/16". Can be expanded with the SET track extension sets 8190 or 8191, 8192, 8193 and 8194 or as desired.



# Starter Sets

1902-2002!

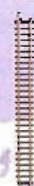
↔ SBB CFF FFS



1062 x 402 mm  
42" x 16"



1x



11x



4x



6x



1x



1x



2x





**81851 230 volts  
Freight Train Starter Set with Track  
Layout and Power Pack.**

Starter Set with Swiss Locomotive and Cars.

**Prototype:** 1 Swiss Federal Railways (SBB) class 460. 1 locomotive named "Santis".

1 sliding wall boxcar. 1 open dump car.  
1 petroleum oil tank car.

**Model:** Locomotive with 5-pole Mini-Club motor. Both trucks powered. Headlights with

maintenance-free LEDs. Dump car with separately applied railings, ladders and hatch levers. 12 sections straight track, 12 sections curved track, 2 electric turnouts, 1 kit of the Wintersdorf station, rerailer, control box, distribution strip, wire, plugs, sockets and power pack. Track plan brochure.

Train length 275 mm / 10-13/16". Can be expanded with the 8192, 8193 and 8194 SET track extension sets or as desired.

## Starter Sets



512 x 402 mm  
21" x 16"



1x



1x



4x



6x



81461 230 volts

81466 120 volts USA

**American Freight Train Starter Set with Track Layout and Power Pack.**

**Prototype:** 1 Chicago, Burlington & Quincy (The Burlington Route) "Mikado" steam locomotive with tender. 1 Great Northern boxcar. 1 Seaboard Air Line boxcar. 1 Chicago & North Western Railway gondola. 1 Chicago, Burlington & Quincy (The Burlington Route) caboose.

**Model:** Locomotive with 5-pole Mini-Club motor. All driving axles powered. 12 sections straight track, 12 sections curved track, 2 electric turnouts, typical American buildings, re-railer, control box, distribution strip, wire, plugs, sockets and power pack. Track plan brochure. Train length 390 mm / 15-3/8". Can be expanded with the 8192, 8193 and 8194 SE-1 track extensions sets or as desired.





81530 230 volts

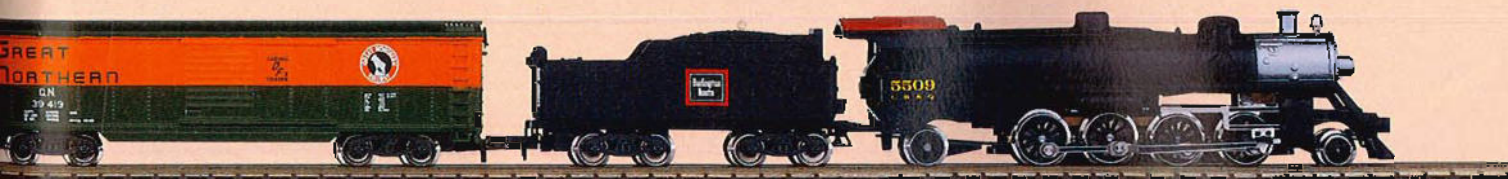
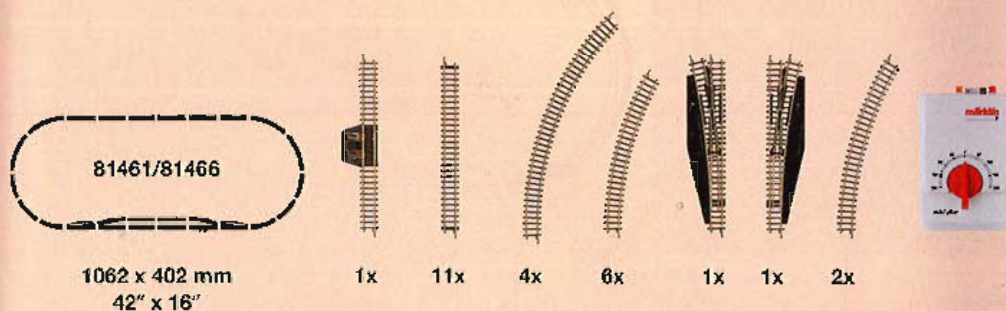
81535 120 volts

**American Starter Set.**

**Freight Train with Oval of Track and Power Pack.**

**Prototype:** 1 Northern Pacific Railway "Pacific" steam locomotive with a tender. 1 Spokane, Portland and Seattle Railroad flat car. 1 Great Northern Railway gondola. 1 Northern Pacific Railway caboose.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. 2 sections straight track. 10 sections curved track, rerailer, and power pack. Track plan brochure. Train length 330 mm / 13". Can be expanded with the SET track extension sets 8190 or 8191, 8192, 8193 and 8194 or as desired.



*Highlight*

► Extensive imprinting.



**88982 Freight Locomotive with Tender.**  
**Prototype:** Royal Prussian Railroad Administration (KPEV) class G 8.1.

**Model:** With 5-pole Mini-Club motor. All driving axles powered. Length over buffers 84 mm / 3-5/16".



**88841 Heavy Freight Locomotive with a Tender.**

**Prototype:** German State Railroad Company (DRG) class 50.

**Model:** Comes with a 5-pole Mini-Club motor. All driving axles powered. Length over buffers 109 mm / 4-5/16".

*The 82070 standard design tank car set goes well with the 88841 freight locomotive and can be found on page 384.*



**88181 Express Locomotive with Tender.**  
**Prototype:** German State Railroad Company (DRG) class 18.1.

**Model:** With 5-pole Mini-Club motor. All driving axles powered. Length over buffers 110 mm / 4-21/64".



*The class C express locomotive with a 4-6-2 wheel arrangement came into being at the start of the 20th century, because the steam locomotives in existence at that time were no longer adequate for the increasing demands on motive power, especially on grades such as the Gaistingen Grade. This elegant, rakish machine was lovingly named the "Schöna"*

*Württembergin" or "Beautiful Lady of Württemberg" and was one of the most successful creations of its kind. The first locomotives were already in service by 1909. By 1921 the Esslingen Machinery Company had delivered a total of 41 locomotives to the Württemberg State Railways.*

*The 87945 express train passenger car set goes well with the 88181 locomotive and can be found on page 369.*

# Steam Locomotives



## 88051 Tank Locomotive.

**Prototype:** German State Railroad Company (DRG) class 89.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Floating center axle. All driving axles powered. Length over buffers 45 mm / 1-3/4".



► The smallest Mini-Club locomotive

After several years' absence our 45 mm / 1-3/4" long Mini-Club locomotive, the smallest in the line, is back in the program. The class 89 steam locomotive is rich in tradition and symbolizes Mini-Club like no other locomotive. It was a component part of the

basic assortment as early as 1972, the year Mini-Club came out on the market. The external looks of the locomotive have changed, but more importantly it now has the new 5-pole motor for youthful power and dynamics.



## 88836 Freight Locomotive with Condensation Tender.

**Prototype:** German State Railroad Company class 52.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Cooling fans depicted on the tender. Length over buffers 127 mm / 5".



## 88062 Passenger Train Tank Locomotive.

**Prototype:** German State Railroad Company (DRG) class 78.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Maintenance-free LEDs are used for headlights. Length over buffers 70 mm / 2-3/4".

**Summer New Item.**



The 87681 passenger car set goes well with the 88062 tank locomotive and can be found on page 370.



**8895 Tank Locomotive.**

**Prototype:** German Federal Railroad (DB) class 74.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Coupler hook at the front. Length over buffers 55 mm / 2-3/16".



**8803 Passenger Locomotive with Tender.**

**Prototype:** German Federal Railroad (DB) class 24.

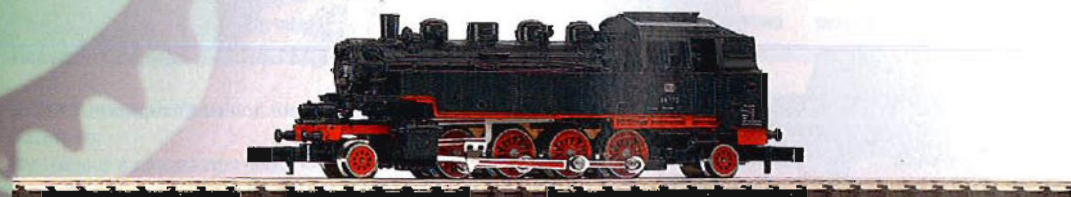
**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Equipped for installation of 8953 light insert. Length over buffers 82 mm / 3-1/4".



**88991 Passenger Locomotive with Tender.**

**Prototype:** German Federal Railroad (DB) class 38.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Length over buffers 99 mm / 3-7/8".



**8896 Tank Locomotive.**

**Prototype:** German Federal Railroad (DB) class 86.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Length over buffers 63 mm / 2-5/8".

# Steam Locomotives



## 88885 Heavy Tank Locomotive.

**Prototype:** German Federal Railroad (DB) class 85.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Headlights with maintenance-free LEDs. Length over buffers 74 mm / 2-15/16".



## 88886 Heavy Tank Locomotive.

**Prototype:** German Federal Railroad (DB) class 85.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Separately applied smoke deflectors. All driving axles powered. Headlights with maintenance-free LEDs. Length over buffers 74 mm / 2-15/16".

*The 87670 standard design branch line cars go well with the 88885 and 88886 tank locomotives and can be found on page 371.*



## 88889 Express Locomotive with Tender.

**Prototype:** German Federal Railroad (DB) class 10 with partial streamlining.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Length over buffers 120 mm / 4-3/4".



## 88831 Freight Locomotive with Tub-Style Tender.

**Prototype:** German Federal Railroad (DB) class 52.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Length over buffers 107 mm / 4-3/16".



## 88983 Freight Locomotive with a Tender.

**Prototype:** Belgian State Railways (NMBS/SNCB) class 81. Former Prussian G 8.1 and German class 55<sup>st</sup> 28.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axes powered. Gold painted boiler bands. 1 length over buffers 84 mm / 3-5/16".



Export model for Belgium  
One-time series

*The 82505 freight car set goes well with the 88983 freight locomotive and can be found on page 400.*

# USA



## 88812 American "Mikado" Steam Locomotive with a Tender and Caboose.

**Prototype:** 1 Chesapeake & Ohio steam locomotive with a tender and 1 Chesapeake & Ohio caboose.

**Model:** Steam locomotive comes with a 5-pole Mini-Club motor. All driving axes powered. Length of the locomotive 116 mm / 4-9/16". Caboose has separately applied ladders. Car length 51 mm / 2". Locomotive and cars are in a special edition. Not available separately.



*The 82590 hopper car set goes well with the 88812 freight locomotive and can be found on page 398.*



## 88811 American "Pacific" Steam Locomotive with Tender and Caboose.

**Prototype:** 1 steam locomotive with tender and 1 caboose painted and lettered for the Southern Railway.

**Model:** Steam locomotive comes with a 5-pole Mini-Club motor. All driving axes powered. Locomotive length 116 mm / 4-9/16". Caboose has separately applied ladders. Caboose length 51 mm / 2". Locomotive and caboose are in a special version. Not available separately.

*The 82514 freight car set goes well with the 88811 freight locomotive with caboose and can be found on page 398.*

# Diesel Locomotives



- ▶ Completely new tooling.
- ▶ Much requested model.
- ▶ Expansion of the diesel locomotive program.
- ▶ LED headlights.
- ▶ Correct light changeover.
- ▶ 5-pole Mini-Club motor.



## 88690 General Purpose Diesel Hydraulic Locomotive.

**Prototype:** German Federal Railroad (DB) class 212.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks powered. Headlights with maintenance-free LEDs. Length over buffers 60 mm / 2-3/8".

The German Federal Railroad (DB) in cooperation with the locomotive builder MaK and the Munich office of the railroad developed the class V 100 diesel locomotive starting in 1956 for non-electrified routes in Germany. The goal was the construction of an efficient locomotive for mixed branch line service and for light service as a passenger and freight locomotive on main line. Starting in 1958 the German Federal Railroad (DB) began to place the first of the class V 100 diesel hydraulic general purpose locomotives into service. These units had an output of 1,100 horsepower. A total of 364 class V 100.10 locomotives with 1,100 horsepower motors were built. This power figure was sufficient for

branch lines, but it soon turned out that a more powerful variant was required for routes with many grades and on main lines. From 1962 on 381 units of the class V 100.20, a more powerful version with 1,350 horsepower, were delivered to the German Federal Railroad (DB). Additional equipment was installed on ten of these units for service on steep grades. The first production run, the class V 100.10 has been designated as the class 211 since 1968, and the second series, the class V 100.20, has been reclassified as the 212. The 10 locomotives for service on steep grades are now the class 213.



## 8820 Diesel Hydraulic Locomotive.

**Prototype:** German Federal Railroad (DB) class 221.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks powered. Length over buffers 84 mm / 3-5/16".



## 8878 General Purpose Diesel Hydraulic Locomotive.

**Prototype:** German Federal Railroad (DB) class 218.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks powered. Headlights with maintenance-free LEDs. Length over buffers 75 mm / 3".

The experiences from a development period of almost 15 years for the V 160 general-purpose road diesel led in 1971 to the German Federal Railroad (DB) class 218. The output of these single motor units was increased to 3,000 horsepower and offers sufficient reserves for all types of rail traffic.



## 8879 General Purpose Diesel Hydraulic Locomotive.

**Prototype:** German Federal Railroad (DB) class 218.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks powered. Headlights with maintenance-free LEDs. Length over buffers 75 mm / 3".

Even the aged class V 60 locomotives have been painted in the German Railroad, Inc.'s (DB AG) new "traffic red" paint scheme after 40 years of service. As in the past they are indispensable in switching work.



#### 88641 Diesel Hydraulic Switch Engine.

**Prototype:** German Railroad, Inc. (DB AG) class 361 in the current "traffic red" paint scheme with the new DB emblem and Cargo lettering.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All axles powered. Length over buffers 49 mm / 1-15/16".



#### 88691 General Purpose Diesel Hydraulic Locomotive.

**Prototype:** German Railroad, Inc. (DB AG) class 212 in the current "traffic red" paint scheme with "Cargo" lettering.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered. Maintenance-free LEDs are used for headlights. Length over buffers 60 mm / 2-3/8".

The 82580 flat car set or the 82660 flat car for containers go well with the 88691 general purpose locomotive and can be found on page 391.



#### 88605 Diesel Electric Locomotive as a Double Unit.

**Prototype:** Pennsylvania Railroad A-B double unit General Motors EMD type F 7. Train name "Broadway Limited".

**Model:** The A unit comes with a 5-pole Mini-Club motor that powers both trucks. B unit is unpowered. Lighted number boards. The Mini-Club coupler on the front of the A unit can be replaced by a pilot piece included with the locomotive. Both locomotive units are coupled together permanently with a drawbar. Total length 150 mm / 5-7/8".

The 88605 double unit diesel locomotive is being produced in a one-time series only in 2002.

The 87847 car set is the ideal addition to this double unit locomotive and can be found on page 378.



The United States was home to many railroads. Of the larger railroads in the U.S., one dared call itself "The Standard of the World". This railroad, the Pennsylvania Railroad, dominated the eastern half of the U.S. The Pennsy was huge, with more locomotives in one class than other railroads had on their entire roster. Each day, hundreds of passenger trains would travel over the Pennsylvania Railroad, and it is natural that the Pennsy would have one train which symbolized all that made such a railroad great.

Limited was bold in its cool two-tone gray and silver art deco livery, the Broadway was understated and elegant.

It has been one hundred years since the Broadway first left New York for Chicago, and this wonderful train has long since left the American scene. But with the 88605 Mini-Club double diesel locomotive and the 87847 streamliner car set, the Broadway Limited still lives on in our hearts.

Operating overnight from New York to Chicago, the Broadway Limited was that train. Like most other Pennsy passenger trains, its cars were painted in muted colors of deep maroon red. Yet, inside, this train was the height of opulence with a variety of accommodations to suit the needs of the traveler. And the Broadway had strong competition, with the New York Central fielding the 20th Century Limited. But while the 20th Century

# Electric Locomotives



## 88080 Electric Locomotive.

**Prototype:** German Federal Railroad (DB) class F 18.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving wheels powered. Maintenance-free LEDs for headlights. Older design pantographs. Length over buffers 76 mm / 3".

*The 87350 express train passenger car set goes well with the 88080 electric locomotive and can be found on page 371.*

*The development of the class E 18 electric locomotive still represents today a high point in German locomotive construction. A striking feature of this design is the streamlined shape of the end of the locomotive that lends the E 18 an elegant, rakish look. The E 18 is not called the "Queen" of the rails for nothing. The first locomotive of this class was designated as the E 18 01 and when it was presented in May of*

*1935 in the Munich main station it attracted considerable attention. Even today it exudes elegance and timeless beauty in form and function. It was awarded the highest of honors such as the Grand Prix three times and a certificate of honor during the International World Exposition in Paris in 1937. Although the E 18 was developed in the 1930s as an express locomotive, it turned out to be a true general-purpose locomotive over the course of its decades of service. Hardly*

*any other electric locomotive could demonstrate such a broad range of uses. It was the motive power for almost every type of train. The E 18 pulled Prussian compartment cars equally as well as the skirted streamline cars in express train service. The E 18 was even used with center entry cars and Silberlingen cars in commuter service. Over the course of decades a genuine workhorse developed out of the rakish express locomotive of the 1930s.*



- Completely new tooling.
- In real life a legendary German locomotive development.
- Goes well with most express train passenger cars.
- Important locomotive class from Era II to Era IV.
- Fine detailing.
- LED headlights.



## 88551 Electric Locomotive.

**Prototype:** German Railroad, Inc. (DB AG) class 111 in the current "traffic red" paint scheme.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks powered. Length over buffers 76.8 mm / 3".

*The 87161, 87171 and 87181 commuter cars go well with the 88551 electric locomotive and can be found on page 375.*



## 88536 Electric Locomotive.

**Prototype:** German Railroad, Inc. (DB AG) class 120.1 in the current "traffic red" paint scheme.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks powered. Length over buffers 87 mm / 3-7/16".





### 88432 Electric Locomotive.

**Prototype:** German Railroad, inc. (DB AG) class 143 in the current "traffic red" paint scheme.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks powered. Headlights with maintenance-free I FDs. Length over buffers 76 mm / 3".

*The 87291, 87292 and 87293 bilevel cars in the "traffic red" paint scheme go well with the 88432 electric locomotive and can be found on page 376.*



*The class 143 electric locomotive has become part of the everyday scene on the German Railroad, where it is used mainly in regional and S-Bahn service. In the "traffic red" paint scheme with a white chevron instead of a white bib and a "basalt gray" frame, it is no*

*longer so apparent that these locomotives originally came from the old GDR. Currently the class 143 forms the backbone of the regional service in certain areas and has put its stamp on the image of this service along with the bilevel cars that are also already painted in "traffic red".*



### 88520 Freight Locomotive.

**Prototype:** German Railroad, Inc. (DB AG) class 152 in the current "traffic red" paint scheme with the new DB logo and Cargo lettering.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks powered. Headlights with maintenance-free I FDs. Length over buffers 87 mm / 3-7/16".

*The 82420 flat car with retractable tarp cover car set goes well with the 88520 freight locomotive and can be found on page 394.*



- ▶ New tooling for the important class 152.
- ▶ One of the most advanced German freight locomotives.
- ▶ LED headlights.
- ▶ Correct light changeover.
- ▶ 5-pole Mini-Club motor.

*These locomotives were ordered as early as 1995 in order to cover the demand for powerful freight locomotives on the German Railroad, Inc. Siemens and Krauss Maffei developed the EuroSprinter family further and presented the new class 152. The electrical equipment was improved in the process compared to the EuroSprinter and the locomotive's environmentally friendly qualities were also improved. Since these locomotives were to be used for freight trains, a maximum speed of 140 km/h or 88 mph was quite sufficient. The continuous output of 6.4 megawatts or 8,582 horsepower with a total weight of 86 metric tons and single axle steering results in a massive starting tractive effort of 300 kilonewtons or 67,440 pounds.*



### 88572 Freight Locomotive.

**Prototype:** German Railroad, Inc. (DB AG) class 151 in the current "traffic red" paint scheme with the new DB emblem and Cargo lettering.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks powered. Length over buffers 88 mm / 3-7/16".



... tiny, yet tremendous ... **mini-club**

# Electric Locomotive



**88688 Electric Locomotive.**  
**Prototype:** German Railroad, Inc. (DB AG) class 101.  
**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered. Maintenance-free LEDs are used for head-lights. Length over buffers 86 mm / 3-3/8".

The 88688 locomotive is being produced in a one-time series only in 2002.

*The 87251, 87732 and 87752 express train passenger cars go well with the 88688 electric locomotive and can be found on page 377.*



**88523 Freight Locomotive.**  
**Prototype:** Siemens "Dispolok" motive power pool class 152.  
**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered. Headlights are maintenance-free LEDs. Length over buffers 87 mm / 3-7/16".

*The reform of the German railroad system has created the conditions for authorized transportation firms to make use of the DB AG's route network by paying roadbed fees. The Siemens Company has an extensive pool of locomotives under the name "Dispolok" for different uses. The marketing of the railroad's track routes is not just directed at privately owned firms, but to all railroads in order to cover peak demand among other things. The service offered accordingly encompasses "Full Service" that*



*includes the preparation, servicing and maintenance of the locomotives on up to the training of the locomotives' engineers.*

*The 82660 flat car for containers goes well with the 88523 freight locomotive and can be found on page 391.*

## Switzerland

1902-2002!  
 SBB CFF FFS



**8856 "Crocodile" Freight Locomotive.**  
**Prototype:** Swiss Federal Railways (SBB) class Re 6/8".

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks powered. Length over buffers 91 mm / 3-5/8".

*The "Crocodiles" are among the most interesting locomotives in the world. Even in the Mini-Club gauge these massive units have a length of 91 mm or 3-5/8". With their articulated design they can master all of the Mini-Club curves with no problem.*



**Summer New Item**



**88522 Freight Locomotive.**

**Prototype:** German Railroad, Inc. (DB AG) class 152.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered. Maintenance-free LEDs are used for headlights. Length over buffers 87 mm / 3-7/16".

A ticket good for free entry to the DB Museum in the Nürnberg Transportation Museum is included with this model of a freight locomotive.

A class 152 freight locomotive was selected as a rolling advertisement to attract attention to a dual anniversary for two unique museums, the Nürnberg Transportation Museum (DB Museum) and the Märklin Museum in Göppingen. This locomotive was officially dedicated to great applause from the public at the 2nd Model Railroad Meet in Göppingen and was then in operation on the German railroad system for a year.

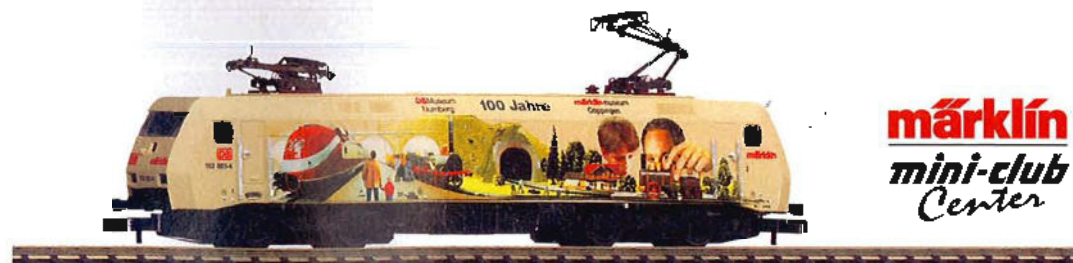


**88689 Electric Locomotive.**

**Prototype:** German Railroad, Inc. (DB AG) class 101.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered. Maintenance-free LEDs are used for headlights. Length over buffers 86 mm / 3-3/8".

The 88689 locomotive is being produced in a one-time series only in 2002.

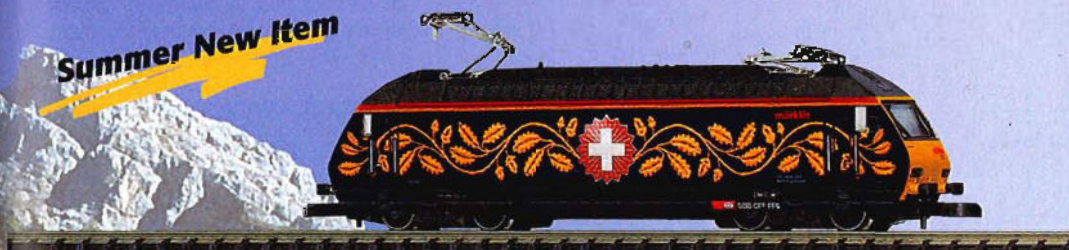


**märklin**  
*mini-club*  
Center

The 88522 freight locomotive is being produced in a one-time series only in 2002 and is available exclusively at Mini-Club-Center-Partners. Addresses for the Mini-Club-Center-Partners can

be found on the Internet under [www.maerklin.com](http://www.maerklin.com).

One-time special series in 2002. Available starting in the 3rd quarter of 2002.



**Summer New Item**



**88462 Electric Locomotive.**

**Prototype:** Swiss Federal Railways (SBB) class 460.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered. Maintenance-free LEDs are used for headlights. Length over buffers 84 mm / 3-5/16".

This fourth model from the Märklin Swiss Collection series is being produced in a one-time series only in 2002.

We are congratulating the SBB Swiss Federal Railways on the occasion of their 100th anniversary with the 4th locomotive from our Swiss Collection – the latter is SBB locomotives decorated by Märklin that are in operation in these designs for a year on the Swiss rail network. The theme of the service cap of a high railroad official at the beginning of the 20th century is the decoration on this SBB class 460 locomotive: embroidered golden oak leaves and the Swiss cross in the center on a serrated medallion with a halo. A proud symbol for 100 years of railroad history that Märklin can thank for some of the most beautiful models ever.

## Powered Rail Cars



### 8831 Rail Bus.

**Prototype:** German Federal Railroad (DB) class 798, lettered for "Jägermeister".

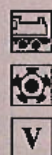
**Model:** Unit comes with a 5-pole Mini-Club motor. Both axles powered. Length over buffers 62 mm / 2-1/2".



### 8817 Rail Bus Trailer.

**Prototype:** German Federal Railroad (DB) class 998.

**Model:** Length over buffers 62 mm / 2-1/2".



### 88021 Powered Track Cleaning Car As An Inductive Measurement Car.

**Prototype:** German Railroad, Inc. (DB AG) class 724.

**Model:** Unit comes with a 5-pole Mini-Club motor. Two axles powered. Length over buffers 62 mm / 2-7/16".

Two of the three axles on this track cleaning car are powered. The wheels on the rear axle and on the front axle have ridges on the treads. The two front wheels for cleaning turn faster than the driving wheels. Regular use of this track cleaning car will prevent dirt buildup on the rails.

## Insider Model For 2002

As early as the beginning of the 1930s the first regularly scheduled express train service in the world with rail car sets was placed into service between Berlin and Hamburg. Since many of the main lines were not yet electrified then, use was made of two and later three and four-unit diesel powered rail car sets. These rail cars established the excellent reputation of the German express rail car network with travel times that in some cases have still not been reached today. The legendary "Fliegende Hamburger" ("Flying Hamburger") required only 138 minutes for the 287 km or 179 mile route from Berlin to

Hamburg, which was an average trip speed of 125 km/h or 78 mph. This success was so impressive that the train was already sold out weeks in advance. Another four double units with improvements were therefore ordered in the middle of 1933. They were assigned the road numbers 137 149 - 152 a/b and were designated from then on as the Hamburg design express rail cars. Another 9 double units were ordered in 1934 with the road numbers 137 224 - 232 a/b, bringing the total to 13 rail car sets. Additional express rail car routings to Cologne and Frankfurt/Main were set up when the first Hamburg design rail car sets were



### 88870 Diesel Express Rail Car.

**Prototype:** German Federal Railroad (DB) class SVT 04, Hamburg design express rail car. Two unit design.

**Model:** Two axles of the end truck on one unit powered with a 5-pole Mini-Club motor. Jakobs truck links the two units. The two units are permanently coupled together.

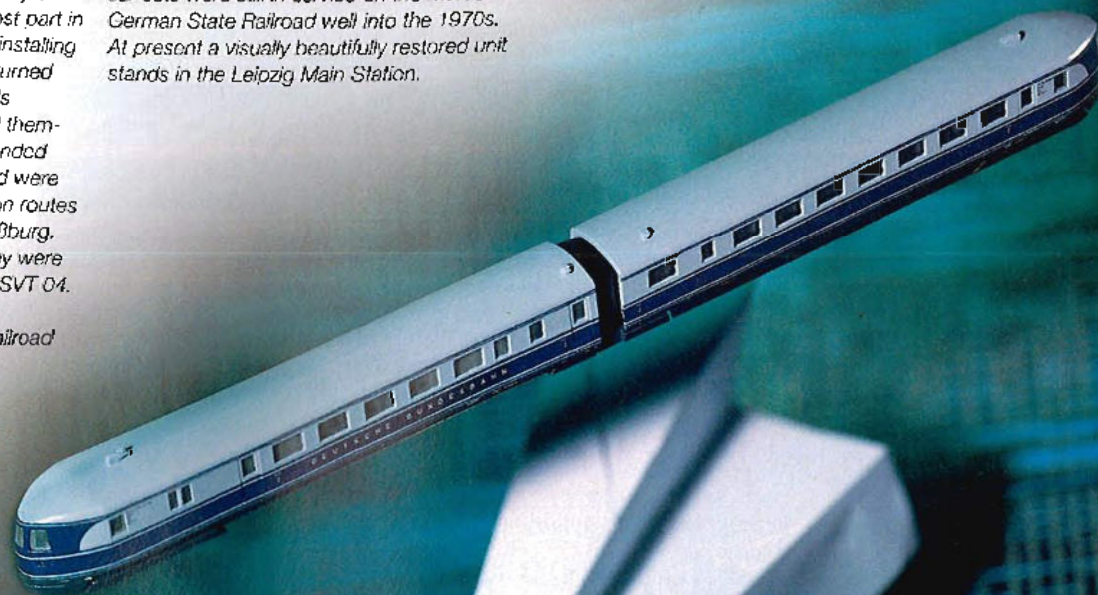


placed into service. The goal was to have an extensive express rail car network in place by 1935, the 100th anniversary of German rail-roading.

One of the most striking changes to the "Fliegender Hamburger" was the new shape for the ends of the "Hamburg" design rail cars. The elegant end shape developed in the process was continued on the German State Railroad's other locomotives and rail cars such as the E 18 and E 19.

After the end of the war the Hamburg design express rail cars were used for a variety of purposes. They remained for the most part in the individual occupation zones. By installing 30 beds in it, one rail car was even turned into a hospital train for the US Army's Medical Corp. Six rail car sets found themselves on the roster of the newly founded Czechoslovakian railroad system and were used as so-called "lightning" trains on routes such as the one from Prague to Píseňburg. The units remaining in West Germany were relabeled and now classified as the SVT 04. Two units of the SVT 04 were still in operation on the German Federal Railroad

during the years 1956/57. The express rail car sets were still in service on the DDR's German State Railroad well into the 1970s. At present a visually beautifully restored unit stands in the Leipzig Main Station.



Headlights and interior lighting are with maintenance-free LEDs. Train length 202 mm / 7-15/16".

The 88870 express rail car is being produced in a one-time series only in 2002 for Insider members.



- Completely new tooling.
- LED's for headlights and interior lighting.
- The first time with a Jakobs truck.
- Legendary express rail car.
- The "Flying Trains".



Please note the information on the Märklin Insider Club on page 533. Additional Insider models for 2002 can be found in H0 Gauge on page 57 and in 1 Gauge on page 498.

## Powered Rail Car Train



### 88732 Diesel Powered Rail Car Train.

**Prototype:** German Federal Railroad (DB) class 601 "Alpen-See-Express". 2 type DÜ powered end units. 1 type WRÜZ dining car. 1 type BÜZ compartment car.

**Model:** Each powered end unit comes with its own motor driving 4 axles. Both powered end units have a 5-pole Mini-Club motor. Headlights, marker lights and interior lighting for the powered end units and the intermediate cars with maintenance-free LEDs. Special couplings, only for the model of the TEE train, that give a very close spacing between the cars of the train. Train length 347 mm / 13-11/16".

*With the introduction in 1979 of the dual class InterCity system still in effect today the powered rail car trains that were always in great demand were suddenly out of a job on the German Federal Railroad (DB). However, the positive image enjoyed by these trains over the years among the passengers prompted the German Federal Railroad to use most of the diesel rail car trains as regularly scheduled special tourist trains and to keep them for travel agency charter service. They were particularly well known for a time under the name "Alpen-See-Express" ("Alpine Lake Express"). This name did not refer to any particular train line, but rather to all of the*

*north-south special trains operated on a regular basis by a number of rail travel charter businesses from metropolitan areas to typical vacation destinations. Both the familiar TFF emblem and the InterCity signs disappeared from the ends of these trains. In their place was the customary, but somewhat plain DB emblem (nicknamed the "cookie" in German).*



### 87932 Car Set.

**Prototype:** 3 German Federal Railroad (DB) TEE intermediate cars. 1 open seating car. 1 bar car converted to an open seating car. 1 compartment car.

**Model:** Intermediate cars to supplement the model of the "Alpen-See-Express" diesel

powered rail car train (Märklin item no. 88732). Lighting with maintenance-free LEDs. Special couplings, only for the model of the TEE train, that give a very close spacing between the train's cars. All cars in special version. Not available separately. Total length 246 mm / 9-11/16".





# Powered Rail Car Train



## 88712 Powered Rail Car Train.

**Prototype:** High-speed InterCity Express train (ICE 3). German Railroad, Inc. class 406. 1 type 406.0 end car, 1st class. 1 type 406.3 "Bord-Restaurant" intermediate car (dining car). 1 type 406.5 end car, 2nd class.

**Model:** "Bord-Restaurant" intermediate car has a 5-pole Mini-Club motor, all 4 axles powered. Headlights and marker lights for the end cars, and interior lighting for all of the cars, including the 2nd class intermediate car, with maintenance-free LEDs. Special couplings, only for the model of the ICE 3 train, that give a very close spacing between the train's cars. Train length 465 mm / 18-5/16".

*At the end of October 1998 the third ICE generation, the ICE 3, was presented to the public for the first time at the Eurailspeed in Berlin. This new ICE was presented with a whole series of technological refinements, and it is contributing to the further shortening of travel times. The ICE 3 adds a train with a very striking appearance to the variety of locomotives and cars on the German Railroad, Inc. system. The most striking technical change is of course the propulsion concept. Whereas the propulsion for the ICE 1 and ICE 2 was located in one or two of the end cars, in the new generation ICE 3 the entire propulsion system is now distributed under*

*the car bodies. The ICE 3 is generally operated as an eight-car train and can be operated in tandem with another train. Some of the ICE 3 trains are equipped for the German Railroad, Inc.'s power system and are designated as the class 403. Another group is equipped as four-system trains for cross border traffic in Europe. These latter powered rail car trains are designated as the class 406 and are intended chiefly for international routings. The interiors of the cars are also striking with their functional, appealing ambience. Particularly attractive is the passenger area directly behind the engineer that allows a direct view into the cockpit and*

*down the tracks. In 1999 these trains were placed into service and in the year 2000 the first trains were used for the Expo in Hannover.*

The special features of the end cars in the Märklin Mini-Club model can be reproduced quite true to the prototype in large part by locating the motor in the dining car. The model of the ICE 3 is designed for a minimum radius of 195 mm / 7-11/16".



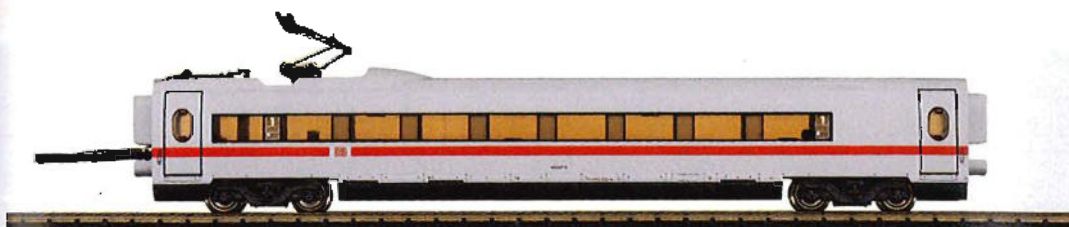
## 88711 Intermediate Car.



**Prototype:** German Railroad, Inc. (DB AG) type 406.7 power converter car, 2nd class, 2-door design.

**Model:** Intermediate car to supplement the model of the ICE 3 powered rail car train (Märklin item no. 88711). Lighting with maintenance-free LEDs. Special couplings, only for the model of the ICE 3 train, that give a very close spacing between the train's cars. Length 113 mm / 4-7/16".





**87712 Intermediate Car.**

**Prototype:** German Railroad, Inc. (DB AG) type 406.1 transformer car, 1st class, 4-door design.



**Model:** Intermediate car to supplement the model of the ICE 3 powered rail car train (Märklin item no. 88712). Lighting with maintenance-free LEDs. Special couplings, only for the model of the ICE 3 train, that give a very close spacing between the train's cars. Length 113 mm / 4-7/16".



**87713 Intermediate Car.**

**Prototype:** German Railroad, Inc. (DB AG) type 406.2 power converter car, 1st class, 2 door design.



**Model:** Intermediate car to supplement the model of the ICE 3 powered rail car train (Märklin item no. 88712). Lighting with maintenance-free LEDs. Special couplings, only for the model of the ICE 3 train, that give a very close spacing between the train's cars. Length 113 mm / 4-7/16".

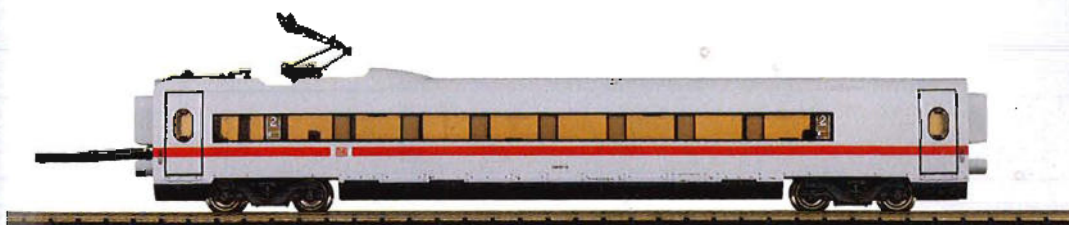


**87714 Intermediate Car.**

**Prototype:** German Railroad, Inc. (DB AG) type 406.8 intermediate car, 2nd class, 4-door design.



**Model:** Intermediate car to supplement the model of the ICE 3 powered rail car train (Märklin item no. 88712). Lighting with maintenance-free LEDs. Special couplings, only for the model of the ICE 3 train, that give a very close spacing between the train's cars. Length 113 mm / 4-7/16".



# Train Sets



## 81420 "Passenger Train with Freight Service" Train.

**Prototype:** 1 Grand Ducal Baden State Railways class P 8 passenger locomotive. 1 two-axle passenger car, 2nd class. 1 two-axle passenger car, 3rd class. 1 old-timer tank car with a brakeman's cab. Privately owned by the Wood Coking Industry, Inc., Constance, Switzerland. Used on the Grand

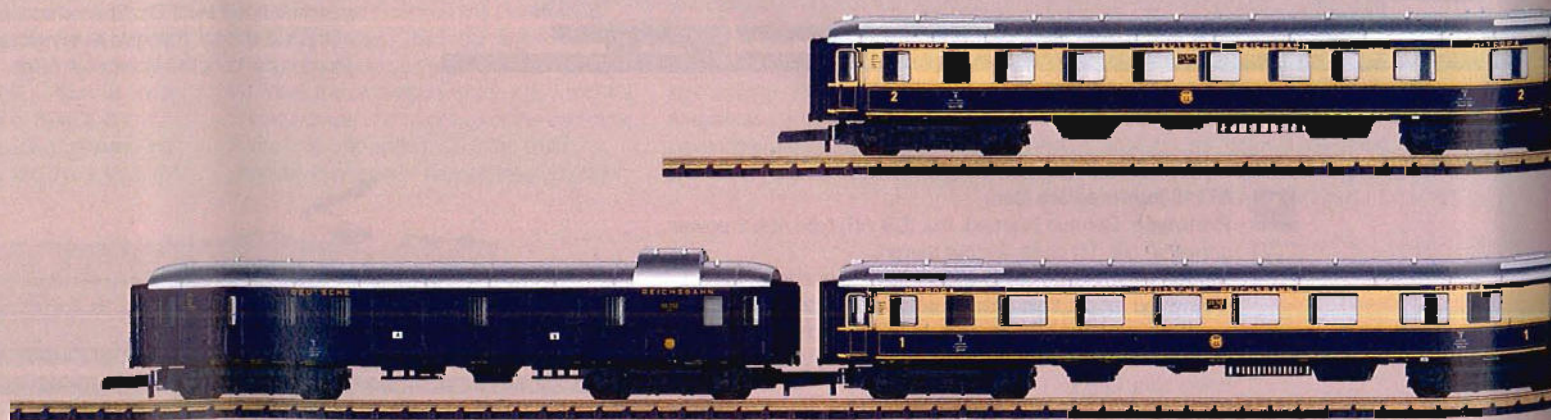
Ducal Baden State Railways. 1 refrigerator car with a brakeman's cab. Privately owned by Reitter Brewery, Lörrach, Germany. Used on the Grand Ducal Baden State Railways. **Model:** Locomotive comes with a Mini-Club motor. All driving axles powered. Boiler bands painted in gold. Locomotive and cars in a special version. Not available separately. Train length 301 mm / 11-7/8".



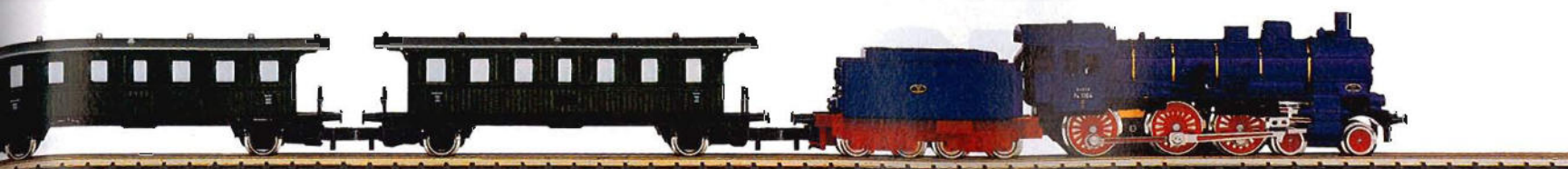
## 81426 Train Set.

**Prototype:** 1 German State Railroad Company (DRG) class S 3/6 express locomotive with a tender, Bavarian Group Administration. 1 type SPw4ü-28 baggage car, 1 type SA4ü-28 salon car, 1 type SA4ük-28 salon car, 1 type SB4ü-28 salon car, 1 type SB4ük-28 salon car, 1 type SPw4ü-28 baggage car.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Locomotive and cars are in a special edition. Not available separately. Train length 730 mm / 28-3/4".



*Long before the TEE and ICE, the "Rheingold" was considered as the symbol of a modern, luxurious long distance passenger train. According to advertising for the German State Railroad, it linked the North Sea and the Alps together. In October of 1927 the European Schedule and Car Provision Conference in Prague was probably the birth*



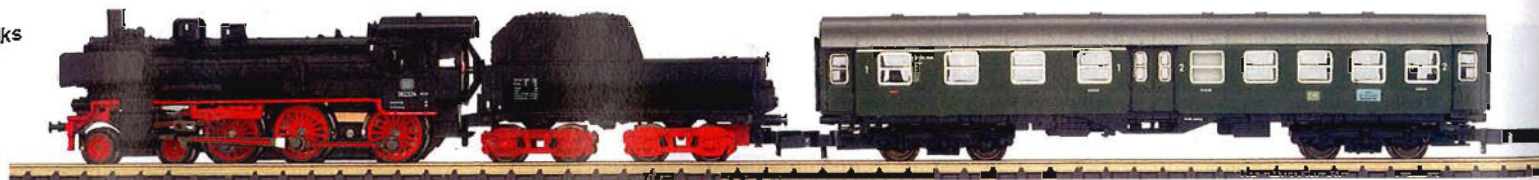
date of the "Rhaingold". There the decision was made to set up an express train connection from Amsterdam/Hook of Holland to Basle. The first scheduled run for this train then took place on May 15, 1928. This Mini-Club train reproduces an authentic train composition from this time. According to the regulations in effect at that time, no

passenger car could be coupled directly behind the locomotive, and a baggage car was therefore placed in the train between it and the other cars. A baggage car was placed at both ends of the train to avoid time-consuming switching maneuvers at the end stations. Only the locomotive had to be placed at the front of the train in each case.

# 75 Years of the Hindenburg Embankment.



- Interesting freight load.
- New metal automobile models and trailer models.
- Also, metal models of new panel trucks and flatbed trucks with removable tarp cover.
- Small smoke deflectors for the first time on this locomotive.



## 81428 "Sylt Auto Travel Train" Train Set.

**Prototype:** 1 German Federal Railroad (DB) class 38 passenger locomotive with a tub-style tender. 1 type AByg four-axle rebuild car, 1st/2nd class. 1 type BByg four-axle rebuild car, 2nd class. 4 low side gondolas.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Three of the low side gondolas have contemporary vacation vehicle combinations as freight, each car having 1 model automobile and 1 model trailer. The fourth low side gondola transports 2 models of delivery trucks, a panel truck and a flat bed truck with a tarp cover. All of the automobiles and trucks, and trailers are made of metal. Locomotive and cars are in a special edition. Not available separately. Train length 511 mm / 20-1/8".

The 81428 train set is being produced in a one-time series only in 2002.

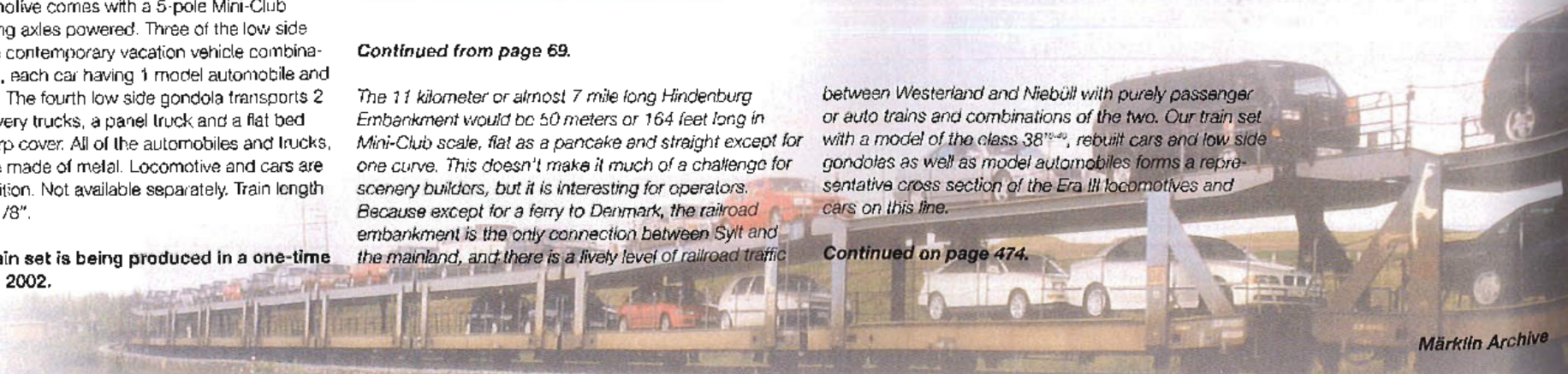


*Continued from page 69.*

The 11 kilometer or almost 7 mile long Hindenburg Embankment would be 50 meters or 164 feet long in Mini-Club scale, flat as a pancake and straight except for one curve. This doesn't make it much of a challenge for scenery builders, but it is interesting for operators. Because except for a ferry to Denmark, the railroad embankment is the only connection between Sylt and the mainland, and there is a lively level of railroad traffic

between Westerland and Niebüll with purely passenger or auto trains and combinations of the two. Our train set with a model of the class 38<sup>10-40</sup>, rebuilt cars and low side gondolas as well as model automobiles forms a representative cross section of the Era III locomotives and cars on this line.

*Continued on page 474.*



Märklin Archive

# 50 Years of Baden-Württemberg.

**märklin**  
2



A small brochure is included with this train set that gives a history of the southwest German state Baden-Württemberg.



## 81429 "50 Years of Baden-Württemberg" Train Set.

**Prototype:** 1 German Federal Railroad (DB) 18.1 class express steam locomotive with tender, 1 express train passenger car, 1st/2nd class, 2 express train passenger cars, 2nd class.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Locomotive and cars are in a special edition. Not available separately. Total length 383 mm / 15-1/16".



The 81429 train set is being produced in a one time series only in 2002 for the 50th anniversary of the founding of the German Federal land of Baden-Württemberg and is only available at Mini-Club Center Partners. Addresses for Mini-Club Center Partners dealers can be found in the Internet under [www.märklin.com](http://www.märklin.com).

The Württemberg class C express locomotive or class 18.1 entered railroad history as the "Beautiful Lady of Württemberg". This locomotive was developed and built at the Esslingen Machinery Company. The express train passenger cars in this set were also among the many excellent Württemberg

designs and were likewise built by Esslingen Machinery Company. Both the locomotive and the passenger cars can rightfully be considered as the most successful developments of the Württemberg State Railways in that period.

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*mini-club*  
Center

... tiny, yet tremendous ... **mini-club**

## Train Sets and Car Set



### 81422 "SKW Trostberg" Train Set.

**Prototype:** 1 diesel hydraulic switch engine, used as an industrial locomotive by SKW Trostberg. 4 carbide cylinder cars. Privately owned cars painted and lettered for SKW Trostberg. Used on the German Federal Railroad (DB).

**Model:** Locomotive comes with a 5-pole Mini-Club motor. All axles powered. 2 each carbide cylinder cars with brakeman's cab, 2 each carbide cylinder cars with brakeman's platform. Finely detailed reproduction of the carbide cylinders. Carbide cylinders are removable. All of the cars come with different

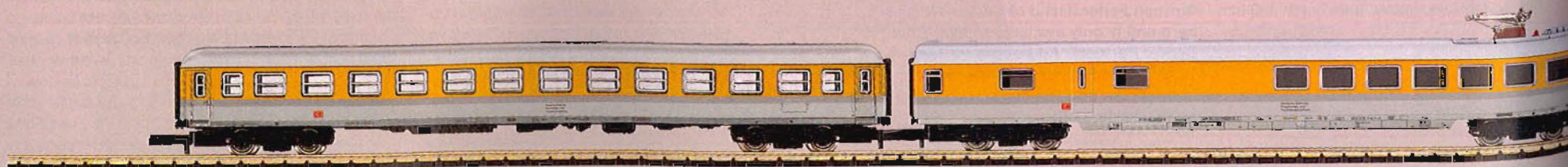
car numbers. Locomotive and cars are in a special version. Not available separately. Train length 290 mm / 11-7/16".



### 82090 Carbide Container Car Set.

**Prototype:** 3 carbide container cars. Cars privately owned by SKW Trostberg AG. Used on the German Federal Railroad (DB). 2 carbide container cars come with brakeman's platforms, 1 carbide container car comes with a brakeman's cab.

**Model:** Different car numbers and container registration numbers. Finely detailed construction with partially open car floors. Finely detailed reproduction of the carbide containers. Carbide containers are removable. All cars in a special version. Not available separately. Total length 174 mm / 6-7/8".



### 81424 "Measurement Train" Train Set.

**Prototype:** 1 class 143 electric locomotive, as an experimental locomotive for the firm ADtranz, with road number 143 001-6. 3 German Railroad, Inc. (DB AG) measurement cars and auxiliary cars for measurement cars.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks powered. Headlights with maintenance-free LEDs. Locomotive and cars are in a special version. Not available separately. Train length 445 mm / 17-1/2".



SKW Trostberg has been merged with Degussa-Hüls to form Degussa, Inc., the worldwide marketer in the area of special chemicals. Until the end of 2000 SKW Trostberg will be an independent concern with headquarters in Trostberg, Bavaria, from which 200 companies with 18,000 employees are managed around the globe. It all started in 1908 with the founding of the Bavarian Nitrogen Works, Inc. (BStW) in Munich and with the production of the fertilizer lime nitrogen. In 1939 the firm was renamed

the South German Lime Nitrogen Works, Inc. (SKW) that in 1978 was again renamed the present day SKW Trostberg, Inc. SKW Trostberg has owned its own fleet of freight cars for many decades, including carbide cylinder cars. These cars are quite striking in their appearance because they are a distinct departure from the usual picture of more familiar freight cars. They are also not to be found anywhere else in this form. The steel containers have a capacity of 40 metric tons and remind one very much of bottles laid on

their sides. These bottles are mounted in 2 square frames made of U-shaped metal profile pieces that can be loaded and unloaded easily and that are mounted over the trucks. The carbide cylinder cars are used on the route from Garching to Trostberg and on a 5 kilometer / 3 mile long plant railroad extension. Calcium carbide is still transported between Garching and the SKW complex in Hart as in the past.



The 82090 carbide container car set can be used to lengthen the 81422 train set from 2001 prototypically.



One-time special series in 2001.  
 Already delivered to the dealers.

# Switzerland

1902-2002!

↔ SBB CFF FFS



## 81427 Train Set.

**Prototype:** 1 Swiss Federal Railways (SBB) class 460. 2 four-axle tank cars and 2 two-axle tanks cars. Cars are privately owned and used on the Swiss Federal Railways (SBB).

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered.

Maintenance-free LEDs are used for headlights. Locomotive and cars are in a special edition. Not available separately. Train length 326 mm / 12-13/16".

**The 81427 train set is being produced in a one-time series only in 2002.**



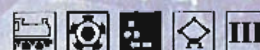
## 82517 Swiss Track Laying Train Set.

**Prototype:** 5 different freight cars for the Swiss Federal Railways (SBB) and for Sersa, Inc., Zürich, Switzerland. 1 boxcar, 1 heavy-duty transport car, 1 type Res four-axle flat car, 1 crane tender car and 1 crane car.

**Model:** Heavy-duty transport car loaded with a metal model of a power shovel. Stakes that can be installed on the car included. Flat car loaded with a 20 ft. container and with ballast. Crane car has a rotating crane cab, movable boom and boom support. Crane hook can be raised and lowered with a hand

crank. All cars in a special version. Not available separately. Total length 306 mm / 12-1/16".

**The 82517 track laying train set is being produced in a one-time series only in 2002.**



### 81418 "Swiss Passenger Service" Train Set.

**Prototype:** 1 Swiss Federal Railways (SBB) class Ae 3/6 II express locomotive, 2 type 4Ü older design express train passenger cars, 1st/2nd class, 1 type 4Ü

express train baggage car, BLS design.  
**Model:** Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Locomotive and cars in a special version. Not available separately. Train length 338 mm / 13-5/16".



### 88692 General Purpose Diesel Hydraulic Locomotive.

**Prototype:** Class Am 847, locomotive privately owned by Sersa AG, Zürich, Switzerland. Former German class 212.

**Model:** Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered. Maintenance-free LEDs are used for headlights. Length over buffers 60 mm / 2-3/8".

Sersa AG was founded in 1948 with its headquarters in Zürich. Since then this internationally active firm has established companies in Switzerland, Germany, the Netherlands and England. For many years Sersa AG has been in the business of track laying and rail welding. The pool of locomotives and cars for this work is surprisingly varied. Their motive power pool is among the largest in Switzerland. The different locomotives all have their own names. The Mini-Club model of the V 100 was selected from the prototype with the pretty name of "Gretli II".

The 88692 general purpose locomotive is being produced in a one-time series only in 2002.



**I**

**8700 Passenger Car.**

**Prototype:** Württemberg Provincial Railroad.  
2nd class.

**Model:** Length over buffers 60 mm / 2-3/8".



**I**

**8701 Passenger Car.**

**Prototype:** Württemberg Provincial Railroad.  
2nd class.

**Model:** Length over buffers 60 mm / 2-3/8".

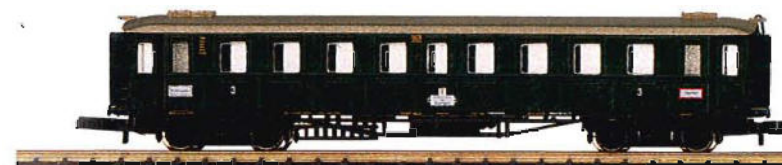


**II**

**87945 Express Train Passenger Car Set.**

**Prototype:** 3 Württemberg express train  
passenger cars painted and lettered for the  
German State Railroad Company (DRG). 1  
type ABC4ü express train passenger car,  
1st/2nd/3rd class. 1 type BC4ü express train

passenger car, 2nd/3rd class. 1 type C4ü  
express train passenger car, 3rd class.  
**Model:** All cars in special version. Not avail-  
able separately. Total length 270 mm / 10-  
5/8".

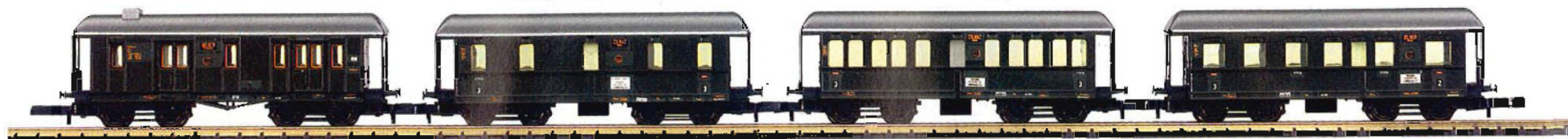


Passenger car  
models shown  
full size

*The 88111 locomotive goes well with the  
87945 express train passenger car set  
and can be found on page 343.*

## Car Sets

**Summer New Item**



**N II**

### 87681 Passenger Car Set.

**Prototype:** 4 different "Langenschwalbach" design passenger cars, painted and lettered for the German State Railroad Company (DRG). 1 type Pr 09, 8C4i passenger car, 2nd/3rd class. 1 type Pr 11, C4i passenger

car, 3rd class. 1 type Pr 11, C4itr passenger car with baggage compartment, 3rd class. 1 type Pr 11, PwPost4i baggage car with mail compartment.

**Model:** All cars in a special version. Not available separately. Total length 233 mm / 9-3/16".

*The 88062 tank locomotive goes well with the 87681 passenger car set and can be found on page 344.*



- Completely new tooling.
- The ideal cars to go with the new model of the E 18 electric locomotive.
- Adds a whole new family of cars to the passenger car program.

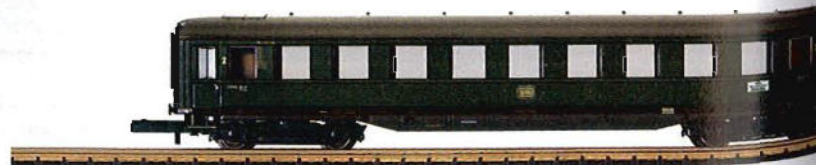


**N III**

### 87350 Express Train Passenger Car Set.

**Prototype:** 6 different German Federal Railroad (DB) express train passenger cars. 1 type A4ü express train passenger car, 1st class. 2 type B4ü express train passenger cars, 2nd class. 1 type AB4ü express train passenger car, 1st/2nd class. 1 type WR4ü express train dining car. 1 type Post4 mail car.

**Model:** All cars in a special version. Not available separately. Total length 611 mm / 24-1/16".





- Completely new design.
- Ideal cars to go with the class 85 tank locomotive.
- Expands the passenger car program for Era III.



**87670 Standard Design Branch Line Car Set.**

**Prototype:** 3 different German Federal Railroad (DB) standard design branch line cars. 1 type Bie standard design branch line car,

2nd class. 1 type ABie standard design branch line car, 1st and 2nd class. 1 type PwPostli-31a baggage-mail car.

**Model:** All cars in special version. Not available separately. Total length 183 mm / 7-13/16".

*The 88885 steam locomotive is the appropriate unit for the 87670 standard design branch line car set and can be found on page 346.*



The 87350 express train passenger car set is being produced in a one-time series only in 2002.



*The 88080 locomotive goes well with this express train passenger car set and can be found on page 350*

# Passenger Cars

*These two-axle standard design passenger cars originally had wood roofs and interior walls. Later they were built entirely of metal as the type 29. By today's standards these German Federal Railroad (DB) cars were very loud and they rumbled a great deal. For this reason they were nicknamed "Donnerbüchsen" or "Thunder Boxes".*



III

## 8750 "Thunder Box" Standard Design Passenger Car.

**Prototype:** German Federal Railroad (DB) type ABi 29. 1st and 2nd class.

**Model:** Length over buffers 63 mm / 2-1/2".



III

## 8751 "Thunder Box" Standard Design Passenger Car.

**Prototype:** German Federal Railroad (DB) type Bi 29. 2nd class.

**Model:** Length over buffers 63 mm / 2-1/2".



III

## 8752 "Thunder Box" Standard Design Baggage Car.

**Prototype:** German Federal Railroad (DB) type D2ie.

**Model:** Length over buffers 63 mm / 2-1/2".

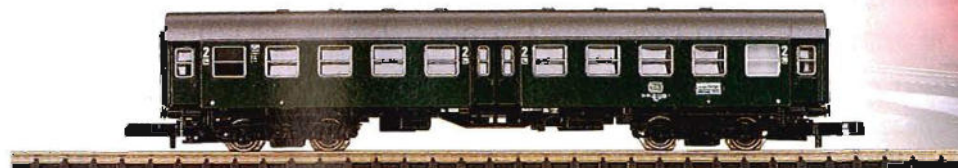


IV

## 8753 Four-Axle Rebuild Car.

**Prototype:** German Federal Railroad (DB) type AByg 503. 1st and 2nd class.

**Model:** Length over buffers 89 mm / 3-1/2".



IV

## 8754 Four-Axle Rebuild Car.

**Prototype:** German Federal Railroad (DB) type Byg 515. 2nd class.

**Model:** Length over buffers 89 mm / 3-1/2".



IV

## 8755 Four-Axle Rebuild Car with Baggage Compartment.

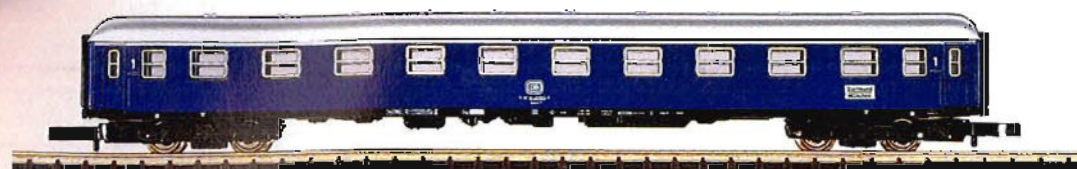
**Prototype:** German Federal Railroad (DB) type BDyg 533. 2nd class.

**Model:** Length over buffers 89 mm / 3-1/2".

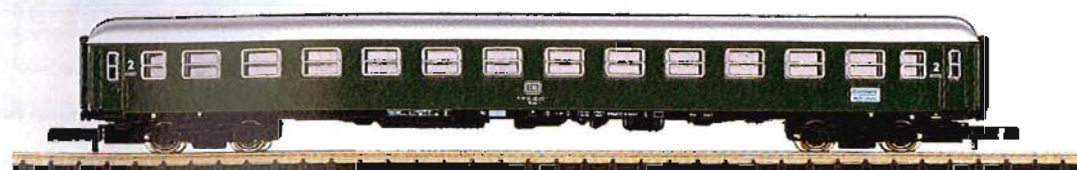
*Starting in 1954 the German Federal Railroad (DB) rebuilt a large number of old two-, three-, and four-axle passenger cars into modern cars. The car bodies for these rebuild cars were completely new and were built using a frame design. Old trucks, mostly Prussian designs, were reused for these cars.*

## Express Train Passenger Cars

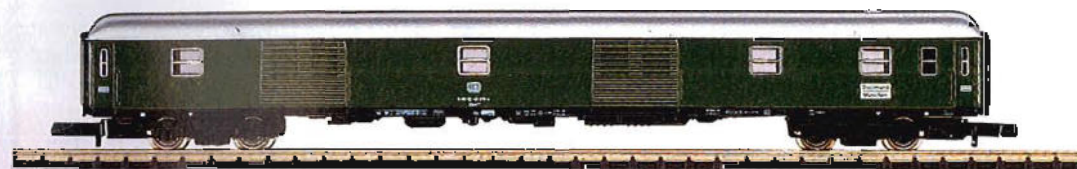
**märklin**  
Z



**IV** 8710 Express Train Passenger Car.  
**Prototype:** German Federal Railroad (DB) type Am 203. 1st class.  
**Model:** Length over buffers 120 mm / 4-3/4".



**IV** 8711 Express Train Passenger Car.  
**Prototype:** German Federal Railroad (DB) type Bm 234.  
2nd class.  
**Model:** Length over buffers 120 mm / 4-3/4".



**IV** 8712 Express Train Baggage Car.  
**Prototype:** German Federal Railroad (DB) type Dm 902.  
**Model:** Length over buffers 120 mm / 4-3/4".



**IV** 8713 Dining Car.  
**Prototype:** German Federal Railroad (DB) type WRmh 132.  
**Model:** Length over buffers 120 mm / 4-3/4".

... tiny, yet tremendous ... **mini-club**

# Express Train Passenger Cars



V

**8743 Express Train Passenger Car.**  
**Prototype:** German Federal Railroad (DB)  
 type Aim, 1st class.  
**Model:** Length over buffers 120 mm / 4-3/4".



V

**8744 Express Train Passenger Car.**  
**Prototype:** German Federal Railroad (DB) type  
 Bim, 2nd class.  
**Model:** Length over buffers 120 mm / 4-3/4".



- ▶ Long awaited Bistro Café car.
- ▶ This completes the models for all InterRegio trains.
- ▶ Correct model of an Inter-Regio cab control car.

•••

**87751 Express Train Passenger Car Set.**  
**Prototype:** 2 different German Railroad, Inc.  
 (DB AG) InterRegio express train passenger  
 cars. 1 type ARbuimz 262 InterRegio express  
 train passenger car, Bistro Café, 1st class.  
 1 type Bimdzf 269.0 InterRegio cab control  
 car, 2nd class.

V

**Model:** Maintenance-free LEDs for the head-  
 lights / marker lights on the cab control car.  
 Both cars in a special version. Not available  
 separately. Total length 243 mm / 9-9/16".



When operated  
 control car first,  
 triple headlights  
 shine.



When operated  
 locomotive first,  
 dual red marker  
 lights shine.



The 88551 electric locomotive goes well with the 87161, 87171 and 87181 commuter cars and can be found on page 350.



V

**87161 Commuter Car.**

**Prototype:** German Railroad, Inc. (DB AG) type Bnz, 2nd class, in the current "traffic red" paint scheme for the "Regionalbahn" ("Regional Railroad").

**Model:** Length over buffers 120 mm / 4-3/4".

V

**87171 Commuter Car.**

**Prototype:** German Railroad, Inc. (DB AG) type ABn, 1st and 2nd class, in the current "traffic red" paint scheme for the "Regionalbahn" ("Regional Railroad").

**Model:** Length over buffers 120 mm / 4-3/4".



V

**87181 Commuter Car with Engineer's Cab.**

**Prototype:** German Railroad, Inc. (DB AG) type BDnrf, 2nd class with baggage area, in the current "traffic red" paint scheme for the "Regionalbahn" ("Regional Railroad").

**Model:** Length over buffers 120 mm / 4-3/4".

V



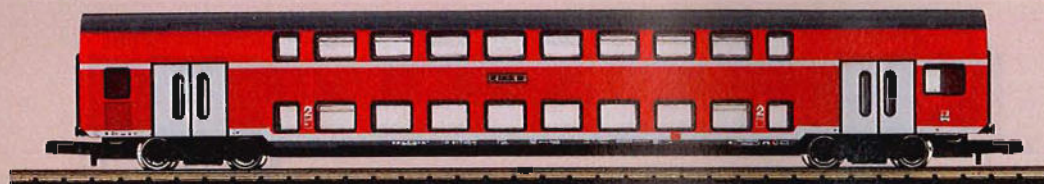
When operated control car first, triple headlights shine.



When operated locomotive first, dual red marker lights shine.



## Bilevel Cars

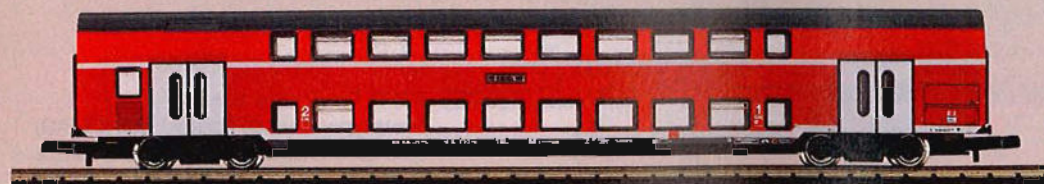


V

### 87291 Bilevel Car.

**Prototype:** German Railroad, Inc. (DB AG) type DBz 751, 2nd class, in the current "traffic red" paint scheme.

**Model:** Destination signs lettered "RegionalExpress Kassel Hbf". Length over buffers 122 mm / 4-13/16".



V

### 87292 Bilevel Car.

**Prototype:** German Railroad, Inc. (DB AG) type DABz 756, 1st and 2nd class, in the current "traffic red" paint scheme.

**Model:** Destination signs lettered "Regional-Express Kassel Hbf". Length over buffers 122 mm / 4-13/16".



V

### 87293 Bilevel Cab Control Car.

**Prototype:** German Railroad, Inc. (DB AG) type DBbz 761, 2nd class, in the current "traffic red" paint scheme.

**Model:** Headlights / marker lights with maintenance-free LEDs. Destination signs lettered "RegionalExpress Kassel Hbf". Length over buffers 124 mm / 4-7/8".

*The DB AG's class 143 electric locomotive is the appropriate unit for the 87291, 87292 and 87293 bilevel cars and can be found under item number 88432 on page 351.*



*When operated cab control car first, triple white headlights shine.*



*When operated cab control car last, dual red marker lights shine.*

## Express Train Passenger Cars

N

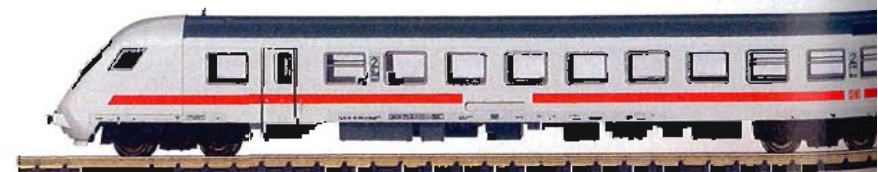
### 87752 Express Train Passenger Car Set.

**Prototype:** 2 different German Railroad, Inc. (DB AG) InterCity express train passenger cars. 1 type ARkimbz 262.4 InterCity express train passenger car, BordBistro, 1st class. 1 type Bimdzf 269.2 InterCity cab control car, 2nd class. Both cars come in the current distance passenger car color scheme.

**Model:** Head lights / marker lights for the cab control car are maintenance-free LFDs. All cars in a special version. Not available separately. Total length 243 mm / 9-9/16".

V

V



*When operated cab control car first, triple white headlights shine.*



*When operated locomotive first, dual red marker lights shine.*



**N V**

**87732 Express Train Passenger Car.**

**Prototype:** German Railroad, Inc. (DB AG) type 8pmz 291.2 InterCity open seating car in the current long distance passenger car color scheme, 2nd class.

**Model:** Length over buffers 120 mm / 4-3/4".

**N**

**87251 Express Train Passenger Car.**

**Prototype:** German Railroad, Inc. (DB AG) type

**V**

Aprmz 121.2 InterCity open seating car in the current long distance passenger car color scheme, 1st class.

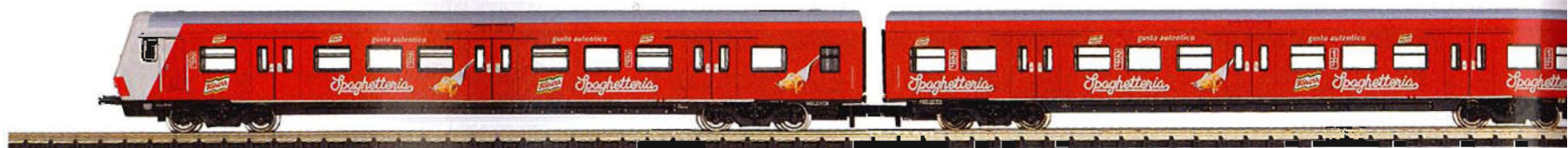
**Model:** Length over buffers 120 mm / 4-3/4".



*The 88688 electric locomotive goes well with the 87251, 87732 and 87752 express train passenger cars and can be found on page 352.*



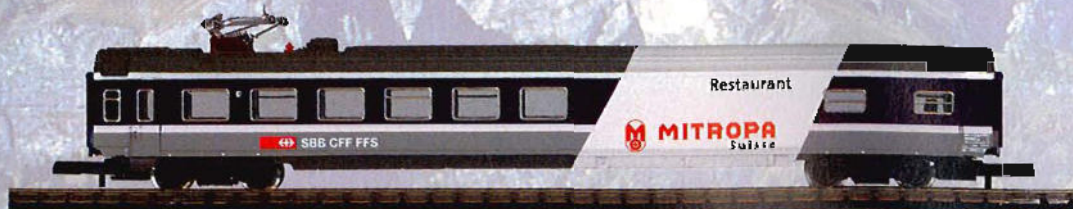
# Express Train Passenger Cars



## Switzerland

1902-2002!

 SBB CFF FFS



V

**87471 EuroCity Dining Car.**

**Prototype:** Swiss Federal Railways (SBB)

type Mark IV WR. Catered by Mitropa, Inc.

**Model:** Length over buffers 120 mm / 4-3/4".

A 4 year contract between the SBB and German Mitropa, Inc. has been signed for the business reorganization of the catering service on Swiss passenger trains. Since 1997 the former dining cars for the firm Buffet Suisse, Inc. and the Glacier Express, among others, are being catered by the new subsidiary Mitropa Suisse in Basle, Switzerland.

V

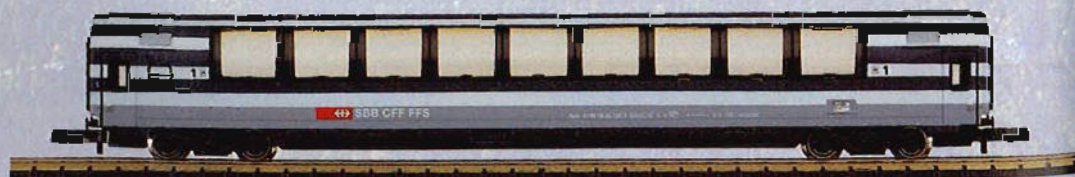
**87661 EuroCity Panorama Car.**

**Prototype:** Swiss Federal Railways (SBB) type Apm, 1st class.

**Model:** Length over buffers 120 mm / 4-3/4".

With the development of the EuroCity cars the Swiss Federal Railways (SBB) have placed a totally new pool of cars into service

for international passenger traffic. So-called "panorama cars" were built on the same basic design as for the 1st and 2nd class open seating coaches with their quite modern interiors. The "panorama cars" offer an incomparable view of the scenery on both sides of the tracks.





When operated control car first, triple white headlights shine.

When operated locomotive first, dual red marker lights shine.



#### 87901 S-Bahn Car Set.

**Prototype:** 3 German Railroad, Inc. (DB AG) S-Bahn cars with advertising for Knorr Spghetteria across the sides of the cars. 1 type ABx 791 S-Bahn car, 1st and 2nd class. 1 type Bx 794 S-Bahn car, 2nd class. 1 type Bxf 796 S-Bahn car with engineer's cab, 2nd class.

**Model:** Headlights / marker lights on the cab control car are maintenance-free LEDs. All cars in a special version. Not available separately. Total length 343 mm / 13 1/2".

**One-time special series in 2001. Already delivered to the dealers.**



When operated cab control car first, triple white headlights shine.



When operated locomotive first, dual red marker lights shine.



#### 87456 Swiss Express Train Passenger Car Set.

**Prototype:** 4 different Swiss Federal Railways (SBB) Mark IV express train passenger cars. 1 Mark IV type A standard design express train passenger car, 1st class. 2 Mark IV type B standard design express train passenger cars, 2nd class. 1 type B:

EuroCity design express train cab control car, 2nd class. All of the cars are in the current paint scheme.

**Model:** Head lights / marker lights for the cab control car are maintenance-free LEDs. All cars in a special version. Not available separately. Total length 490 mm / 19-5/16".



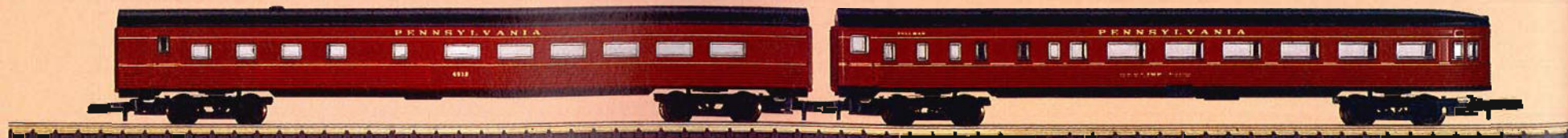
## 87847 Streamliner Car Set.

**Prototype:** 6 different Pennsylvania Railroad streamliner cars. Train name "Broadway Limited". 1 baggage car. 1 duplex sleeping car. 1 type 10/6 sleeping car. 1 dining car. 1 type 10/6 sleeping car. 1 chair observation car.

**Model:** All cars in a special version. Not available separately. Total length 680 mm / 26-3/4".

The 87847 streamliner car set is being produced in a one-time series only in 2002.

*The 88605 double unit diesel locomotive is the ideal motive power for the 87847 streamliner car set and can be found on page 347.*





**I** **82171 Wine Barrel Car with Brakeman's Cab.**  
**Prototype:** Car privately owned by the German Wine Barrel Car Company, Ltd., Kitzingen a. Main, Germany (Bavaria). Used on the Royal Prussian Railroad Administration (KPEV).  
**Model:** Wine barrels made of real wood. Length over buffers 33 mm / 1-5/16".

**I** **82173 Wine Barrel Car with Brakeman's Cab.**  
**Prototype:** Car privately owned by Robert Metzger & Co., Berlin, Germany. Used in Württemberg.  
**Model:** 3 cylindrical barrels made of real wood. Length over buffers 40 mm / 1-9/16".



**I** **82400 "Gas Cars" Freight Car Set.**  
**Prototype:** 3 Royal Bavarian State Railroad (K.Bay.Sts.B.) gas cars with brakeman's platform.  
**Model:** Different car numbers. Finely detailed, partially open frame. Finely detailed reproduction of the fittings and retaining bands. All cars in special version. Not available separately. Total length 126 mm / 4-15/16".

*During the provincial railroad period the lighting for locomotives, passenger and maintenance cars was well as station lighting was operated chiefly with gas. Supplies of this fuel were transported to the stations and maintenance facilities with so-called gas cars. The Bavarian gas cars gave such excellent results in operation that they remained in service for decades.*



- Completely new tooling.
- Detailed construction.
- Interesting car type.
- Expansion of the provincial railroad program.

Freight car models shown full size.

# Freight Cars

In 1942 rolling stock for transporting heavy freight was built parallel to the development of the class 52 locomotives. This was the origin of the type Ssym 46 six-axle flat car. It had an empty weight of approximately 22 metric tons and a loaded weight of 80 metric tons. The maximum speed for these cars was set at 80 km/h or 50 mph. After the war this class of cars was used to transport construction machinery, machine parts, steel products, concrete parts for construction work and many other types of heavy, single piece loads.



## 82351 Heavy Duty Flat Car.

**Prototype:** German State Railroad Company (DRG) type Ssym 46.

**Model:** Removable stakes included. Length over buffers 60 mm / 2-3/8".



## 82312 Tank Car with Brakeman's Cab.

**Prototype:** Car privately owned by Rhenania-Ossag Petroleum Oil Works, Inc., Düsseldorf, Germany. Used on the German State Railroad Company (DRG).

**Model:** Brakeman's cab and platform with ladders separately applied. Finely detailed partially open frame. Length over buffers 40 mm / 1-9/16".



- ▶ New four-axle standard design tank car type.
- ▶ For Eras II to IV.



## 82070 Tank Car Set.

**Prototype:** 2 standard design tank cars with steel brakeman's cabs. Cars privately owned by Rhenania-Ossag Petroleum Oil Works, Inc., Düsseldorf, Germany. Used on the German State Railroad Company (DRG).

**Model:** Steel brakeman's cab and catwalk with ladder separately applied on both cars. Different car numbers. Both cars in a special version. Not available separately. Total length 115 mm / 4-1/2".

*The 88841 steam freight locomotive goes well with the 82070 standard design tank car set and can be found on page 343*



**82562 High Capacity Boxcar with Brakeman's Platform.**

**Prototype:** Type GI Association design. Privately owned car painted and lettered for the firm Harder, Meiser & Co., Bremen, Germany. Used on the German Federal Railroad (DB).

**Model:** Length over buffers 56 mm / 2 3/16".



**86611 Refrigerator Car with Brakeman's Cab.**

**Prototype:** Car privately owned by Kaiser-Friedrich-Quelle, Offenbach/Main, Germany. Used on the German Federal Railroad (DB).

**Model:** Length over buffers 40 mm / 1-9/16".



**86661 Silo Container Car.**

**Prototype:** Type Ucs 909. Car privately owned by Club-Kraftfutterwerke GmbH, Mannheim, Germany. Used on the German Federal Railroad (DB).

**Model:** Length over buffers 40 mm / 1-9/16".



**8609 Freight Train Baggage Car.**

**Prototype:** German Federal Railroad (DB) type Pwg 012.

**Model:** Car has sliding doors that can be opened. Length over buffers 40 mm / 1-9/16".



**82352 Heavy Duty Flat Car.**

**Prototype:** German Federal Railroad (DB) type SSym 46.

**Model:** Removable stakes included. Length over buffers 60 mm / 2-3/8".



**82314 Tank Car with Brakeman's Platform.**

**Prototype:** German Federal Railroad (DB) car for express milk traffic, Frankfurt-Hoechst, Germany.

**Model:** Brakeman's platform and catwalk with ladders separately applied. Additional lettering on the ends of the tank. Finely detailed partially open frame. Length over buffers 40 mm / 1-9/16".

*In 1952 a small series of two-axle tank cars was placed into service on the German Federal Railroad (DB) for transporting milk between regular destinations.*

# Freight Cars



## 86393 Freight Car Set.

**Prototype:** 3 type G 10 boxcars. Cars privately owned by Königsbacher Brewery AG, Koblenz, Germany. Used on the German Federal Railroad (DB). 2 boxcars without brakeman's cab, 1 boxcar with brakeman's cab.

**Model:** Cars come with different car numbers.

All cars in a special version. Not available separately. Total length 126 mm / 4-15/16".

**One-time special series in 2002.**

Available starting in the 2nd quarter of 2002.



- Prototypical double unit.
- Models of VW Beetles in the typical 1950s "Pretzel" Beetle design. Made of metal as a freight load.



## 86221 Auto Transport Car Set.

**Prototype:** 2 German Federal Railroad (DB) type Laae 540 auto transport cars.

**Model:** 4 metal models of VW Beetles are included as a load for each car. 2 auto transport cars make up a prototypical double unit. Both cars in a special version. Not available separately. Total length 111 mm / 4-3/8".

*In the 1950s the German Federal Railroad (DB) developed bilevel auto transport cars based on the type E 037 gondolas. Two cars that were permanently coupled together formed a double unit. The side doors and end walls were left off.*



**IV** **8624 Ballast Car.**  
**Prototype:** Talbot self-dumping car for maintenance work on the German Federal Railroad (DB).  
**Model:** Unloading hatches that can be opened. Length over buffers 33 mm / 1-5/16".

**IV** **8610 Low Side Car.**  
**Prototype:** German Federal Railroad (DB) type Klmns 440.  
**Model:** Length over buffers 54 mm / 2-1/8".



**IV** **8622 Gondola.**  
**Prototype:** German Federal Railroad (DB) type E 037.  
**Model:** Length over buffers 54 mm / 2-1/8".

**IV** **8630 Hopper Car.**  
**Prototype:** German Federal Railroad (DB) type Fals 176.  
**Model:** Length over buffers 53 mm / 2-1/8".



**IV** **8605 Boxcar.**  
**Prototype:** German Federal Railroad (DB) type Gos-u 253.  
**Model:** Length over buffers 54 mm / 2-1/8".

# Freight Cars



IV

## 8657 Crane Car Set.

**Prototype:** 1 German Federal Railroad (DB) low side car and crane car.

**Model:** Crane car with rotating cab, movable boom and boom support. Crane hook can be raised and lowered with a hand crank. Total length 93 mm / 3-5/8".



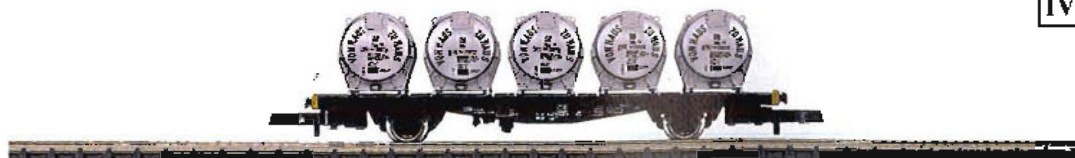
IV

V

## 8226 Stake Car.

**Prototype:** German Federal Railroad (DB) type Snps 719.

**Model:** Loaded with logs. The tension bands on the stakes can be prototypically reproduced with the 8 black rubber bands included with the car. Length over buffers 95 mm / 3-3/4".



IV

## 82363 Flat Car for Containers.

**Prototype:** German Federal Railroad (DB) type Lgjs 598. Loaded with 5 "Von Haus zu Haus" tank containers.

**Model:** Tank containers are removable. Metal car frame. Length over buffers 64 mm / 2-1/2".

*In door-to-door service the tank containers are offloaded directly from the flat cars onto trucks for delivery. The containers themselves are secured on the flat car with quick lock fasteners.*

IV

## 82366 Flat Car for Containers.

**Prototype:** German Federal Railroad (DB) type Lgjs 598. Loaded with 5 tank containers lettered for Dortmunder Union Brauerei.

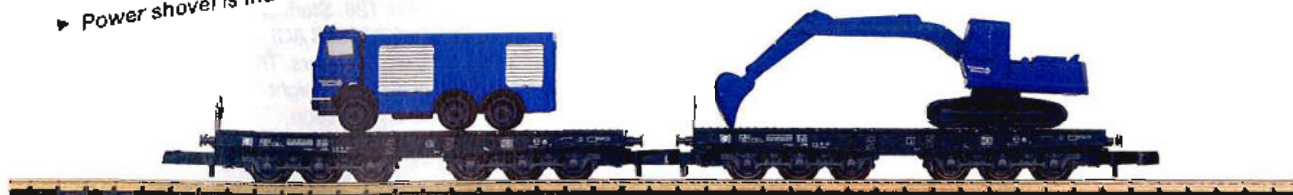
**Model:** Tank containers are removable. Metal car frame. Length over buffers 64 mm / 2-1/2".



Available starting in the 1st quarter of 2002.



- Interesting freight loads.
- Power shovel is made of metal.



**Model:** Refrigerator car painted and lettered for Dinkelacker Brewery. Length over buffers 54 mm / 2-1/8".



**Model:** Separately applied railings, ladders, and hatch levers. Length over buffers 43 mm / 1-11/16".



**Model:** Refrigerator car painted and lettered

for Fürstlich Fürstenbergischen Brewery, Inc.,  
Donaueschingen, Germany. Length over  
buffers 54 mm / 2-1/8".



**Model:** Loaded with the model of a removable semi truck trailer lettered for the firm.

Frigo-Werk, Beltle, Inc., Kerners, Germany. Advertising on the sides of the trailer, "Ahoj-Brause – Das prickelnde Erlebnis" ("Ahoj Shower – The tingling experience"). A model of the truck tractor is included. Length over buffers 78 mm / 3-1/16".

# Freight Cars



## 82430 Bulk Material Dump Car Set.

**Prototype:** 3 German Railroad, Inc. (DB AG) type Fas 126 dump cars.

**Model:** Cars come with different car numbers. All cars in a special version. Not available separately. Total length 181 mm / 7-1/8".



In 1993 the Blankenburg Research and Development Facility (FEV) presented the prototype of a new efficient, four-axle dual side dump car, the type Fas 126. Starting in 1994 the German Railroad, Inc. (DB AG) purchased a total of 250 of these cars. The most important use for these bulk freight cars was the transport of construction materials for the modernization of the infrastructure in the reunited Germany and

specially for the transport of debris and material for the large construction projects in and around Berlin. The large loading capacity of 59 metric tons, the ability to dump on both sides of the car, built-in pneumatic cylinders and automatic control of the unloading hatches are the most important features of this new type of bulk freight car. These cars are used in unit trains and can be run at a maximum speed of 100 km/h or 63 mph.



- Completely new tooling.
- Important modern car type.
- Used in unit trains.



## 86552 Stake Car Set.

**Prototype:** 3 German Railroad, Inc. (DB AG) type Snps 719 stake cars in the current "traffic red" paint scheme and lettered "DB Cargo".



**Model:** Different car numbers. Each car loaded with 8 sections of gas pipe. Gas pipes with black flanges. All cars in special version. Not available separately. Total length 291 mm / 11-7/16".





- New tooling.
- Interesting modern car type.
- Can be used in unit trains of containers.
- Expands the freight car program.



**82660 Four-Axle Flat Car for Containers.**

**Prototype:** German Railroad, Inc. (DB AG) type Sgs 693. Loaded with a 40 ft. and a 20 ft. container.

**Model:** Containers are removable. Length over buffers 90 mm / 3-9/16".

*The Sgs 693 flat car for containers was developed from rebuilt type Rs 684 flat cars. The stakes, end plates and load beams were removed on these flat cars in order to alleviate the lack of flat cars for containers.*

*The 88691 diesel locomotive goes well with the 82660 flat car for containers and can be found on page 349.*



- New tooling.
- Interesting modern car type.
- Suitable for different freight loads.



**82580 Flat Car Set.**

**Prototype:** 2 German Railroad, Inc. (DB AG) type Res 687 four-axle flat cars.

**Model:** Different car numbers. Each car is loaded with the multi-part reproduction of a shop crane with a crane trolley and accessories.

Both cars in a special version. Not available separately. Total length 183 mm / 7-3/16".

*Over 4,300 units of this flat car type were built from 1979 to 1985. A striking difference in these cars is the fact that they were equipped with type Y 25 trucks. Starting in 1989 500 of these flat cars were turned into retractable tarp cars with the type Rlts 652 canvas tarp covers (the same as Mini-Club item no. 82420).*

*The 88691 diesel locomotive goes well with the 82580 flat car set and can be found on page 349.*

# Freight Cars



**82431 Bulk Freight Dump Car Set.**  
**Prototype:** 3 type Fas dump cars. Cars privately owned by the firm Schauffele, Stuttgart, Germany. Used on the German Railroad, Inc. (DB AG).  
**Model:** Cars come with different car numbers. All cars in a special version. Not available separately. Total length 181 mm / 7-1/8".

One-time special series in 2002.  
 Available starting in the 3rd quarter of 2002.



**86303 Hopper Car Set.**  
**Prototype:** 3 type Fals hopper cars. Cars privately owned by the firm Schauffele, Stuttgart, Germany. Used on the Bulgarian State Railroad (BDZ).  
**Model:** All of the cars are loaded with rubble. Cars come with different car numbers. All cars in a special version. Not available separately. Total length 165 mm / 6-1/2".

One-time special series in 2002.  
 Available starting in the 3rd quarter of 2002.



V

**8203 Petroleum Oil Tank Car.**

**Prototype:** Car privately owned by Minol Petroleum Oil Distribution, Inc., Berlin, Germany. Used on the German State Railroad (DR) of the GDR.

**Model:** Length over buffers 40 mm / 1 9/16".



IV V

**8811 Petroleum Oil Tank Car.**

**Prototype:** Car privately owned by German Shell, Inc. Used on the German Federal Railroad (DB).

**Model:** Length over buffers 40 mm / 1-9/16".



N V

**86114 Tank Car Set.**

**Prototype:** 2 tank cars with different paint schemes. Cars privately owned by the firm Henkel KGaA, Düsseldorf, Germany. Used on the German Railroad, Inc. (DB AG).

**Model:** Cars come with different car numbers. Both cars in a special version. Not available separately. Total length 83 mm / 3-1/4".

One-time special series in 2002. Available starting in the 3rd quarter of 2002.

N

**82451 Glass Tank Car with Brakeman's Cab.**

**Model:** Privately owned car painted and lettered for the firm Danish Distillers Berlin GmbH, Berlin, Germany. Tank made of real glass. Sealed with a cork. Tank comes empty. Length over buffers 40 mm / 1-9/16".

One-time series in 2002.

Available starting in the 3rd quarter of 2002.



*High Light*

- ▶ Tank made of real glass.
- ▶ Sealed with real cork.

# Freight Cars



## 82420 Flat Car with Retractable Tarp Cover Car Set.

**Prototype:** 3 German Railroad, Inc. (DB AG) type Rils 652 flat cars with retractable tarp covers in the current "traffic red" paint scheme with the lettering "DB Cargo".

**Model:** Cars come with different car numbers. All cars in a special version. Not available separately. Total length 277 mm / 10-7/8".



*The first flat cars with retractable tarp covers of this type originated in 1988/89 with the conversion of the type Res 687 flat car. The sidewalls on this type of car were removed and new floorboards were installed. In addition, these cars were given new end walls and*

*a tarp cover. An advantage of these large capacity flat cars with retractable tarp covers is the ability to load and unload on a large surface by pulling back the tarp covers. Five hundred of the type Rils 652 flat car with retractable tarp cover are now in use.*



## 86352 Sliding Tarp Car Set.

**Prototype:** 3 German Railroad, Inc. (DB AG) type Shimms-tu 718 sliding tarp cars in the current "traffic red" paint scheme and lettered "DB Cargo".

**Model:** Different car numbers. All cars in special version. Not available separately. Total length 171 mm / 6-3/4".

*These cars have been built since 1996 specially for the transport of weather-sensitive sheet metal coils. As a successor to the type Shimms 708 flat cars with telescoping covers, these cars have a tarp cover to keep out snow as compared to the steel telescoping covers of the other cars. The tarp cover can be arranged so that 2/3 of the load surface is open for loading and unloading. Over 2 metric tons of weight per car are saved by using the tarp covers instead of steel telescoping covers.*

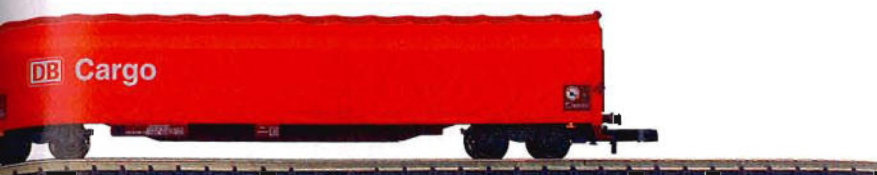


## 86681 Gondola with Retractable Roof.

**Prototype:** German Railroad, Inc. (DB AG) type Tams 886 with the new DB emblem.

**Model:** Weathered roof tarp. Length over buffers 63 mm / 2-1/2".





*The 88520 freight locomotive goes well with the 82420 flat car with retractable tarp cover car set and can be found on page 351.*



V

**82380 Sliding Wall Boxcar.**

**Prototype:** German Railroad, Inc. (DB AG) type Hobbins in the "traffic red" paint scheme, lettered for "DB Cargo".

**Model:** Length over buffers 64 mm / 2-1/2".

The "Jörger System" track cleaning car gently cleans the railhead of the track with a special felt pad. This means that this track cleaning car can be run constantly as part of a train and provides completely independent cleaning of the track. A spring-loaded holder for a special felt pad is mounted on the underside of the car. The weight in the gondola provides an extra light downward pressure for the pad. This special felt pad

can be removed easily by hand from its holder and replaced with another pad. Two additional special felt pads are included with the track cleaning car. Dirty felt pads that have been replaced on the car can be used again. Just put them in a small cloth bag and include them in your next wash on laundry day. We still recommend that you also clean the track by hand at regular intervals.



V

**86501 Track Cleaning Car.**

**Prototype:** Type Eaos gondola.

**Model:** "Jörger System" track cleaning car. Special spring-loaded holder on the underside of this freight car for a special felt

pad. A special felt pad is already installed on the car. 2 replacement felt pads included with the car. Additional weight in the gondola. Length over buffers 63 mm / 2-1/2".



- New track cleaning car.
- Cleans gently.
- Can be used constantly.
- Reusable felt cleaning pads.

# Freight for Switzerland

1902-2002!

 SBB CFF FFS



V

## 82383 Sliding Wall Boxcar Set.

**Prototype:** 2 Swiss Federal Railways (SBB) type Hbbilns sliding wall boxcars with different advertising imprinted on them. 1 boxcar lettered for "Der Decibello", 1 boxcar lettered for "Volg frisch und fründlich".

**Model:** Both cars in a special version. Not available separately. Total length 131 mm / 5-3/16".



IV V

## 86301 "Swiss Cement Works" Hopper Car Set.

**Prototype:** 3 hopper cars with trucks, with different advertising on their sides. Cars privately owned, used on the Swiss Federal Railways (SBB). 1 "Juracement Wildegg"

hopper car. 1 "Vigier Cement AG" hopper car. 1 "Portlandcementwerk AG Olten" hopper car.

**Model:** All cars in special version. Not available separately. Total length 165 mm / 6-1/2".



V

## 82368 "Container Transport" Car Set.

**Prototype:** 3 Swiss Federal Railways (SBB) container cars. 1 car loaded with two 20 ft. containers lettered for "Hangartner". 1 car

loaded with two 20 ft. containers lettered for "Hangartner". 1 car loaded with two 20 ft. containers lettered for "Frey Transport".

**Model:** All of the containers can be removed

and stacked. Metal car frames. All cars in special version. Not available separately. Total length 207 mm / 8-1/8".



V

**82203 "Foodstuffs Transport" Tank Car Set.**

**Prototype:** 2 Swiss Federal Railways (SBB) type Uacs four-axle tank cars for foodstuffs transport.

**Model:** Cars come with different car numbers. Both cars in a special version. Not available separately. Total length 153 mm / 6".

V

**82204 Tank Car.**

**Prototype:** Privately owned car painted and lettered for the firm Wascosa AG, Railroad Transportation Services, Zug, Switzerland. Used on the Swiss Federal Railways (SBB).

**Model:** Length over buffers 75 mm / 2-15/16".



V

**82162 Refrigerator Car.**

**Prototype:** Privately owned car painted and lettered for the firm Interfrigo, Basle, Switzerland. Used on the Italian State Railways (F-S).

**Model:** Length over buffers 64 mm / 2-1/2".



# Freight Cars



## 82514 American Freight Car Set.

**Prototype:** 4 different design American freight cars. 1 boxcar painted and lettered for the Louisville & Nashville Railroad. 1 gondola painted and lettered for the Atchison, Topeka & Santa Fe Railway. 1 tank car painted and lettered for Gulf Oil Corporation. 1 flat car

painted and lettered for the Union Pacific Railroad.

**Model:** Gondola comes with a load of gravel. Flat car is loaded with scrap tanks. All cars in a special version. Not available separately. Total length 295 mm / 11-5/8".

*The 88811 locomotive and caboose go well with the 82514 freight car set and can be found on page 347.*



- New tooling.
- Typical car for unit trains.
- Goes well with models of American steam locomotives and F 7 diesel locomotives.



## 82590 American Hopper Car Set.

**Prototype:** 4 Chesapeake & Ohio Railroad type hopper cars. Design with 3 bays.

**Model:** Different car numbers. Separately applied brake wheels. All cars in a special version. Not available separately. Total length 268 mm / 10-9/16".

*The 88812 American steam locomotive goes well with the 82590 hopper car set and can be found on page 347.*

# Freight Cars

**N** **III**

## 82505 Freight Car Set.

**Prototype:** 4 different design Belgian State Railways (NMBS/SNCB) freight cars.

1 hopper car, 1 tank car, 1 boxcar without a brakeman's cab, 1 powdered freight silo car.

**Model:** Hopper car comes with separately applied railings, ladder and control rods. All cars in a special version. Not available separately. Total length 172 mm / 6-3/4".



Export model for Belgium  
One-time series

*The 88983 steam locomotive goes well with the 82505 freight car set and can be found on page 347.*



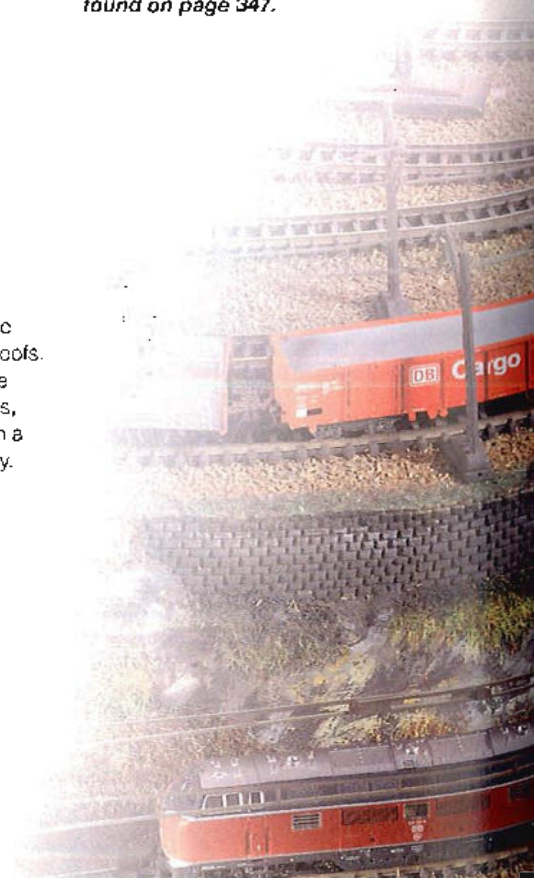
Export model for the Netherlands  
One-time series

**N** **V**

## 82376 Freight Car Set.

**Prototype:** 2 type Tds 243 Dutch State Railways (NS) dump cars with hinged roofs.

**Model:** Different car numbers. Movable hinged roofs. Separately applied railings, ladders and locking levers. Both cars in a special version. Not available separately. Total length 89 mm / 3 1/2".



# Märklin Clubs ...

... are located in the French part of Switzerland, France, Belgium, Denmark, the Netherlands, Great Britain, Sweden, Spain, Italy, Greece, the USA, Canada, Australia, New Zealand, Japan, Indonesia, Malaysia, Singapore, and Slovenia.

They are very popular because of exclusive club services such as:

- the "Insider" club magazine. It is published 6 times a year in an English, French and Dutch edition, and has articles on all sorts of useful subjects about Märklin.
- the mailing of informational materials and brochures about Märklin products.
- the ability to order the annual Märklin Club car in H0 and Z at an exclusive club price.
- the option to order the "Club Edition", which is reserved exclusively for club members.



Märklin Z Club Car



Märklin H0 Club Car

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# The Märklin Magazin.

The Märklin Magazin offers its readers reading material in color on all of the themes about the hobby of model railroading. Implicit in the name is the focus on the different Märklin systems of Mini-Club, 3-rail H0 and 1 Gauge. There are also numerous reports and construction projects as well as tips on technology and how to build with models and accessories from other manufacturers.

As a magazine with an emphasis on the practical side of the hobby, the Märklin offers its readers in six issues each year basic information on a broad range of themes about layout planning, layout construction, building scenery and the technology of model railroading. In addition, the reader will find an abundance of easy-to-understand suggestions about building or rebuilding model railroad layouts, locomotives and cars, buildings and accessories. Specific ideas about the rational use of the Märklin system will help operators of conventional layouts as well as digital model railroaders. Among the special focal points in articles are descriptions of layouts by Märklin fans, presentation of new items from the Nürnberg Toy Fair as well as tips for collectors, and information about the current delivery status of products and information about shows and promotions.

Available with German text at your authorized Märklin dealer or from Modellbahnen-Welt Verlags- GmbH, Postfach 940, D-73009 Göppingen, Germany.



- N** 80812 Märklin Magazin Z Annual Car for 2002.  
**Prototype:** Type Lgjs 598 flat car for containers.  
**Model:** MM annual car for 2002. Flat car painted in the typical MM blue scheme. Loaded with 5 cylindrical containers for printer's colors, each container in a different color. Color containers are removable. Car floor for the container transport flat car is made of metal. Imprinted with "Märklin Magazin 2002" on the side sills. Length over buffers 64 mm / 2-1/2".

The 80812 Märklin Magazin Z Annual Car is being produced in a one-time series only in 2002.



- N** 48251 Märklin Magazin H0 Annual Car for 2002.  
**Model:** Finely detailed partially open car floor with metal beams. Separately applied data boards with the lettering "Märklin Magazin 2002". Length over buffers 14.3 cm / 5-5/8". Removable freight load, a paper glazing cylinder in an overseas transport wrapping. Freight load reproduction made of real wood. Separately applied manufacturer's sign. DC wheel set 70 0580

The 48251 Märklin Magazin H0 Annual Car is being produced in a one-time series only in 2002.

Märklin Magazin annual cars are sold only by authorized Märklin dealers.



## H0 Museum Car for 2002.

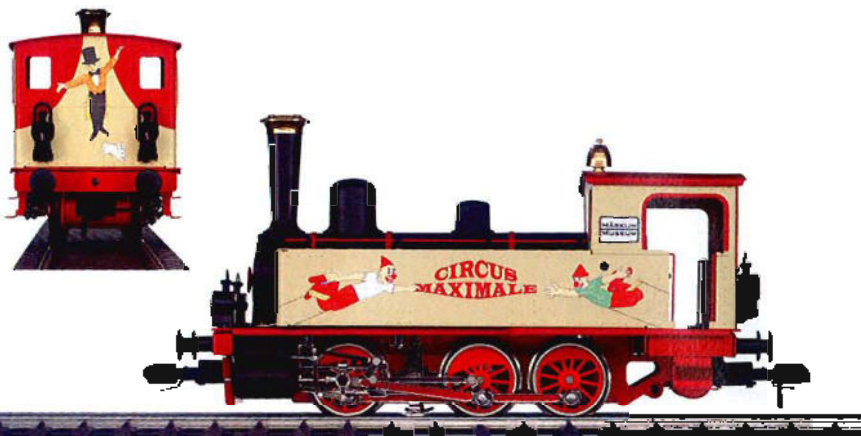
**Prototype:** Privately owned type G1 car, used on the German State Railroad Company (DRG). With brakeman's cab. Benz type truck with a flatbed and a promotional bottle for Kessler champagne.

**Model:** Boxcar with finely detailed reproduction of the truss rods. Length over buffers 13.8 cm / 5-7/16".

Truck has a metal body. Neck of the promotional champagne bottle is vacuum metallized.

Length 7.0 cm / 2-3/4".

DC wheel set 70 0580



## Maxi Museum Tank Locomotive for 2002.

**Model:** Three-axle tank locomotive lettered and painted for the "Circus Maximale". Different lettering on the right and left side as well as on the back side. 3 axles powered through side rods. 2 traction tires. Built-in electronic circuit for operation with AC power or Märklin Delta and Digital. Electronic circuit

plate included for operating the locomotive with DC power. Headlights front and rear that change over with the direction of travel. Built-in smoke generator that can be turned on and off with a switch in the engineer's cab. Minimum radius for operation is 600 mm / 23-5/8". Length over the buffers 26.8 cm / 10-9/16".



## Märklin Z Museums Car Set for 2002.

**Prototype:** High capacity Association design boxcar with brakeman's cab. Privately owned car, used on the German State Railroad Company (DRG).

**Model:** Painted and lettered for the firm G.C. Kessler, Sektkellerei, Esslingen, Germany. Length over buffers 56 mm / 2-3/16".

1 model of a Benz flatbed truck lettered for

the firm G.C. Kessler, an oversized promotional champagne bottle for a load on the flatbed. Metal model of a truck. Length 32 mm / 1-1/4".

An appropriate sheet metal container as packaging rounds out this Mini Club museum car set.



## Standard 1 Gauge Museum Car for 2002.

**Prototype:** German State Railroad Company (DRG) type X car with a brakeman's platform.

**Model:** Two-axle low side gondola with a brakeman's platform. Loaded with a model of a MAN flatbed truck lettered for the firm G.C. Kessler. The model of the truck has an oversized promotional champagne bottle for a load. Minimum radius for operation is 600 mm / 23-5/8". Length over buffers 27.5 cm / 10-13/16".



# The Märklin Club Of North America

## All Aboard The Märklin Club!

Besides getting your hobby started on the right track with valuable technical and product information, a Märklin Club membership gives you many other exclusive benefits.

## Other Services and Benefits

### Märklin Magazin Subscription Service

Club members may subscribe to the German language *Märklin Magazin* through the Märklin Club.

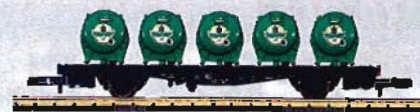
### Technical Help

Through the *Insider* magazine and a variety of guide-books and videos, a world of technical and layout building assistance is available to Club members.



### Insider – The Club Newsletter

The club newsletter, *Insider*, provides full-color detailed help with building layouts; maintaining your trains, new product updates, historical perspectives and many other topics to make training with Märklin more enjoyable. In addition to *Insider*, the *Märklin Depot* is also received exclusively by Club members. This small catalog offers books and videos on all kinds of train subjects, as well as unusual gift items such as tool kits, apparel, prints and posters.



### Collectible Annual Club Cars

Club cars are available each year for purchase by Club members only. News and availability about other Märklin collectible cars are always made available to Club members on a timely basis.



### Special Bonus For Club Members

In 1992 Märklin GmbH established the Insider Club, which is open to enthusiasts who reside in Germany, Austria and Switzerland. Each year the Insider Club releases special locomotives and cars that are produced by reservation only. These highly sought after collectibles are also available to Märklin Club members to purchase, using the reservation system.