

märklin



Complete Program 2003 / 2004 E

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.



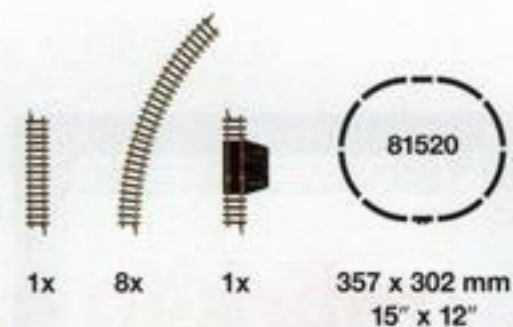
81520 Fun Starter Set with Battery Powered Train Controller.



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

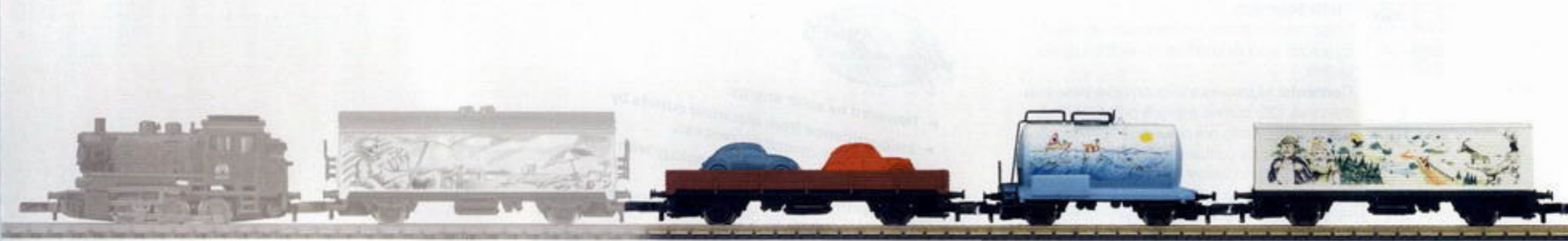
Model: Locomotive with 5-pole Mini-Club motor. Floating center axle. All driving axles powered. Refrigerator car comes in an attractive paint scheme. 8 sections curved track, 1 section straight track, 1 feeder track, 1 battery powered train controller with feeder wires. Models not available separately.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

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



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

Add-On For The Fun Starter Set.



81950 230 volts

Add-on Set for the 81520 Fun Starter Set, with Track Layout and Power Pack.

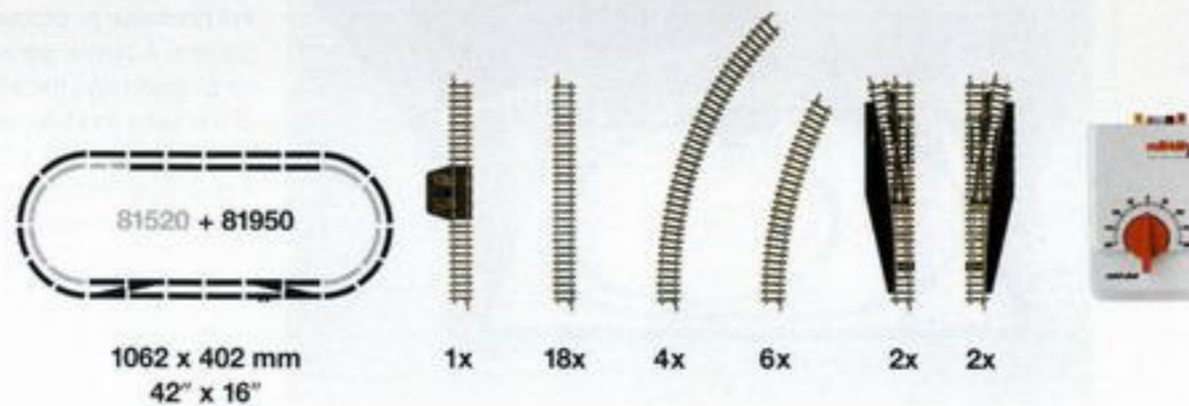
Prototype: 1 flat car for containers. 1 low side gondola. 1 tank car.

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 168 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. Models not available separately. Train length 201 mm / 7-15/16".

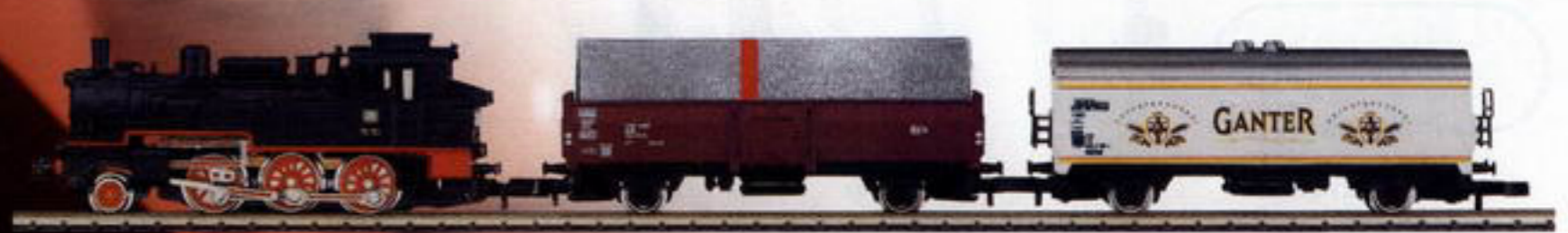


- ▶ Powered by solar energy.
- ▶ Independence from electrical outlets by means of photovoltaic process.
- ▶ The joining of proven technology with innovative power supply.
- ▶ Trend product for discussions about energy.



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 power pack is included that can be plugged into the scenery board in place of the solar module, so that this briefcase layout can be operated on cloudy days. A built-in locomotive controller is used to operate the locomotive.

Trains are shown full size.



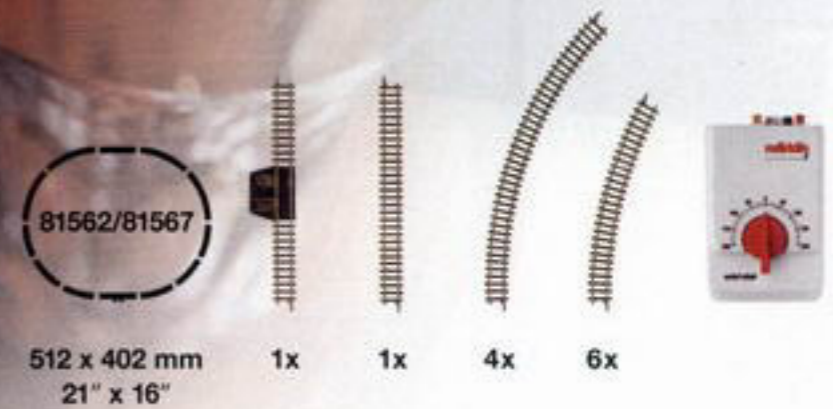
81562 230 volts

81567 120 volts

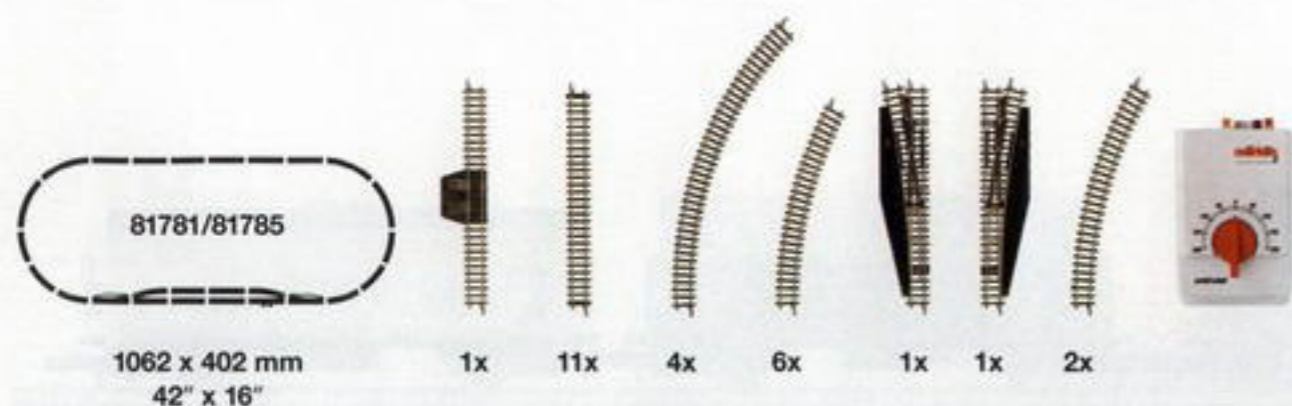
**Gift Set in a Cube Format.
Freight Train with Oval of Track and
Power Pack.**

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
189 mm / 6-5/8". Can be expanded with
the SET track extension sets 8190 or 8191,
8192, 8193 and 8194 or as desired.



Starter Sets



81781 230 volts

81785 120 volts

"King Ludwig II" Starter Set with a Bavarian Passenger Train, Kit of Neuschwanstein Castle, Track Layout, and Power Pack.

Prototype: 1 Royal Bavarian State Railroad (K.Bay.Sts.B.) class S 3/6 express locomotive with tender. 1 type ABCCü express train passenger car, 1st/2nd/3rd class. 1 type CCü express train passenger car, 3rd class. 1 type PPü express train baggage car.



81863 230 volts

81865 120 volts

81868 100 volts

Large Freight Train Starter Set with a Large Track Layout and a Power Pack.

Prototype: 1 German Federal Railroad (DB) class 50 freight locomotive. 1 refrigerator car with a brakeman's cab. 1 type Xim low side car. 1 type Fals hopper car. 1 tank car with a brakeman's platform. 1 type lbs 407 refrigerator car.

Model: Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Low side car is loaded with 2 automobile models made of metal. Hopper car is loaded with real coal. Brakeman's

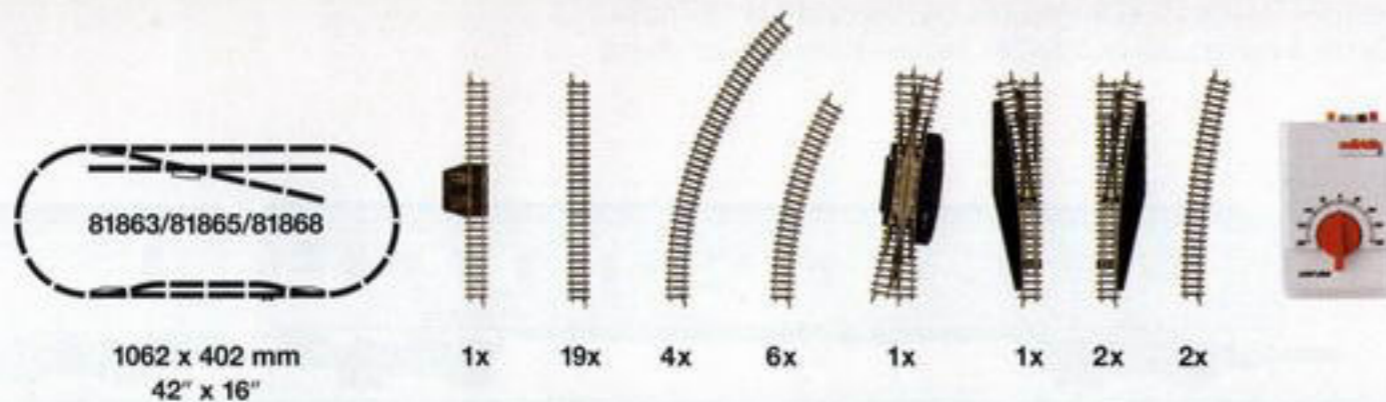
platform and walkway with ladders are separately applied. Finely detailed, partially open frame. 20 sections straight track, 12 sections curved track, 1 double slip switch, 3 electric turnouts, 3 track bumpers, rerailer, control box, distribution strip, wire, and power pack. Track plan brochure. Train length 365 mm / 14-3/8". Can be expanded with the SET track extension sets 8192 and 8193 or as desired.



Model: Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. 12 sections straight track, 12 sections curved track, 2 electric turnouts, 1 extensive "Neuschwanstein Castle" building kit, rerailer, control box, distribution strip, wire, and power pack. Track plan brochure. Train length 366 mm / 14-3/8". Can be expanded with the SET track extension sets 8192, 8193, and 8194 or as desired.



Reduced size photograph.
Width of base approx. 16".



USA



512 x 402 mm
21" x 16"



1x



1x



4x



6x



81830 230 volts

81835 120 volts

Large American Super Deluxe Starter Set with 1 American Freight Train and

1 American Passenger Train, 2 Ovals of Track, Turnouts, and 2 Power Packs for Independent Operation of Both Trains.

Prototype for the 1st train: 1 Southern Pacific "Mikado" steam locomotive with tender. 1 Tennessee Central gondola. 1 Burlington Route hopper car. 1 Seaboard Air Line Railroad boxcar. 1 Southern Pacific caboose.

Prototype for the 2nd train: 1 Southern Railway F 7 A unit diesel locomotive. 1 streamliner baggage car, 1 streamliner passenger coach, 1 streamliner dining car, 1 streamliner observation car, all painted and lettered for the Southern Railway.

Model: Both locomotives come with 5-pole Mini-Club motors. All

driving axles powered on the steam locomotive, both trucks powered on the diesel locomotive. 26 sections straight track, 20 sections curved track, 2 electric turnouts, 4 electric curved turnouts, rerailer, 2 control boxes, distribution strips, 2 power packs, and other hardware for wiring the layout. Track plan brochure. Total length of the 1st train 385 mm / 15-1/8". Total length of the 2nd train 520 mm / 20-1/2". Can be expanded with the 8194 SET track extension set or as desired.





81530 230 volts
81535 120 volts

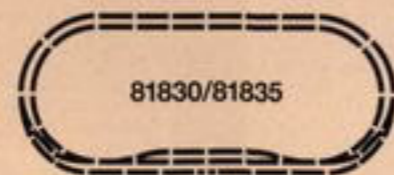
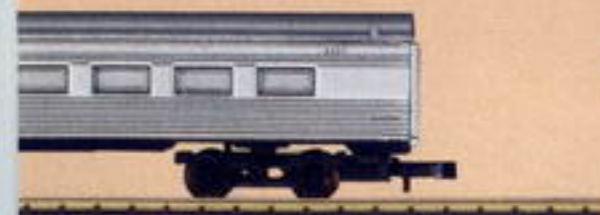
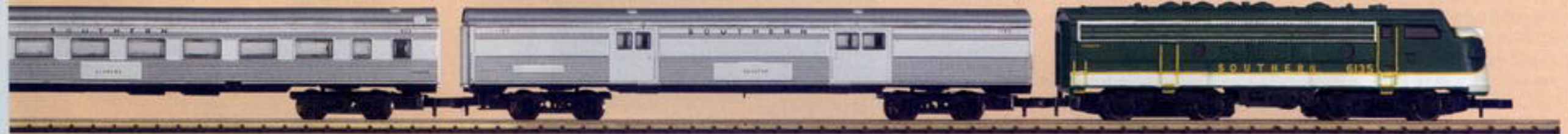
**American Starter Set.
Freight Train with Oval of Track and
Power Pack.**

Prototype: 1 Northern Pacific Railway "Pacific"

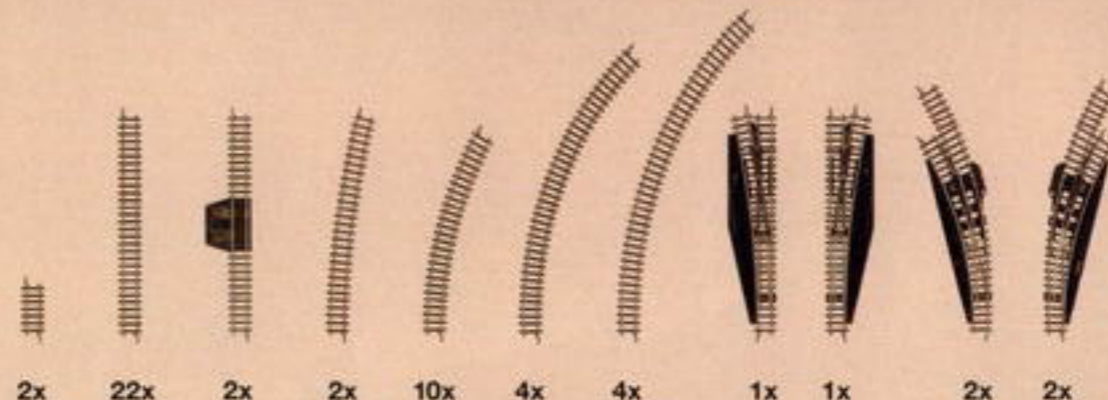
steam locomotive with a tender. 1 Spokane, Portland and Seattle Railroad flat car. 1 Great Northern Railway gondola. 1 Northern Pacific Railway caboose.

Model: Locomotive comes with a 5-pole Mini-Club motor. All driving axes 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.



1112 x 452 mm
44" x 17"



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

Steam Locomotives



88181 Express Locomotive with Tender.

Prototype: German State Railroad Company (DRG) class 18.1.

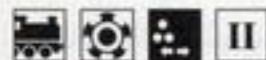
Model: With 5-pole Mini-Club motor. All driving axles powered. Length over buffers 110 mm / 4-21/64".

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 Geislingen Grade. This elegant, rakish machine was lovingly named the "Schöne



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 367.



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".



The 87681 passenger car set goes well with the 88062 tank locomotive and can be found on page 368.



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.



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".

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



► The smallest Mini-Club locomotive



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.

Fall New Item



The 88887 locomotive, together with the 87672 car set, forms a prototypical German State Railroad train on the

Höllentalbahn or Valley of Hell Line in the Black Forest (see page 368).



88887 Heavy Tank Locomotive.

Prototype: German State Railroad Company (DRG) class 85. Version for the Höllentalbahn / Valley of Hell Line.

Model: Locomotive comes with the new 5-pole Mini-Club motor. All driving axles powered. Headlights are maintenance-free LED's. Length over buffers 74 mm / 2-15/16".



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".

Berlin Commuter Service.

Continuation from page 106.

Please Close the Doors. All of Them.

The Berliners called their commuter trains 1,000-door trains. The Prussian compartment cars were the standard in commuter service. Because each compartment had its own outside doors, the passengers could board and get off in the wink of an eye. It was a special sight, when all of the doors the entire length of the train would open and the people would stream out. The platforms were raised

half a meter or about 20 inches to 76 cm or 30 inches above the railhead in order to make it faster. The dwell times became shorter which made a difference at the many commuter stations. The Berlin railroaders managed to achieve a three-minute headway between trains all day – an enormous achievement in the steam locomotive era.

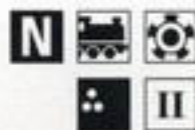
The fact that you could not go from car to car in search of a seat was mitigated by the short trip times. And experienced commuters knew anyway the best part of the train in which to find a seat. During the trip, the conductors

hung on the side of the train and went from compartment to compartment to collect tickets. It was "train riding" in the truest sense of the word and despite the many running boards and grab irons was not without its dangers. The Mini-Club prototype class 74 (former T 11) was a typical locomotive on the Berlin Metropolitan Railroad. It had large direction signs on the smoke box and on the coal bunker similar to what you see today on the S-Bahn commuter lines.

Continued on page 460.

Highlights

- ▶ Locomotive has the typical destination signs on the smoke box door and on coal bunker.
- ▶ Used in Berlin commuter service.



88951 Tank Locomotive.

Prototype: German State Railroad Company (DRG) class 74, used in Berlin commuter service.

Model: Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Coupler hook on the front. Prototypical destination signs are mounted on the smoke box door and on the coal bunker. Length over buffers 55 mm / 2-3/16".





Sächsische-Eisenbahn

Il grüneartige Dentar
 fika lei einu der lude
 sanner auf dant
 edition. Von
 gromer W
 schen Ver
 haktung
 haktung



N 87055 "Berlin Commuter Service"
 Compartment Car Set.

II **Prototype:** 4 different 3-axe Prussian compartment cars, 2nd/3rd class and 3rd class painted and lettered for the German State Railroad Company (DRG). 2 compartment cars without brakeman's cabs. 2 compartment cars with brakeman's cabs.

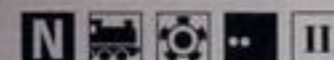
Model: All cars in a special version. Not available separately. Total length 237 mm / 9-5/16".

A CD with the popular Berlin hit "Pack die Badehose ein" ("Pack up your bathing suit") is included with this train.



Highlights

- ▶ New tooling.
- ▶ Comes with striking Belpaire firebox.



88090 Passenger Locomotive with Tender.
Prototype: German State Railroad Company (DRG) class 39.

Model: Locomotive comes with a 5-pole Mini-Club motor. All driving axes powered. Length over buffers 112 mm / 4-7/16".



The Prussian P 10 was the last design for a passenger locomotive by the Prussian State Railroad and at the same time formed the transition to the standard design locomotives, classes 01 and 03. The P 10 was the result of the need to haul heavy trains in hilly country with long grades. It was the only eight coupled passenger locomotive class and the most powerful passenger locomotive on the German provincial railroads. As the "Queen of the Mittelgebirge Mountains" it not only pulled express trains right into Berlin, but was

also as active in Silesia, Saxony, and Thuringia, as well as in Baden, Bavaria, and Württemberg. By 1927 a total of 260 locomotives were produced by different locomotive builders. The first design drawings were available, however, as early as 1919. This class was first designated by the German State Railroad Company (DRG) as the class 17 and later as the class 39. The majority of these locomotives were still in use on both German railroads long after the end of the Second World War. Many of them on the German Federal Railroad (DB) were equipped with the small Witte smoke deflectors and standard design type 2'2'T34 tenders. In the summer of 1967, the last of these locomotives was retired.



N 89020 Vehicle and Accessory Set.

9 pieces. 2 models of Daimler-Benz limousines. 2 models of Horch limousines. 2 models of Daimler-Benz type 170 delivery cars. 1 model of a Benz box style delivery truck. 2 advertising columns. All of the vehicles and advertising columns are made completely of metal. Era II, goes with the Berlin city commuter rolling stock.

Photographs show locomotive and accessory models full size.

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

Insider Model For 2003



88040 Freight Locomotive with Tub-Style Tender.

Prototype: German Federal Railroad (DB) class 42.90 Franco-Crosti.

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

The 88040 freight locomotive is being produced in 2003 in a one-time series only for Insider members.

The 82518 freight car set goes well with the 88040 freight locomotive and can be found on page 386.



- ▶ New tooling.
- ▶ Unique steam locomotive innovation.
- ▶ Era III.



What was the special feature of this steam locomotive innovation from Era III? It was a new method from the two Italian engineers Franco und Crosti whereby the hot exhaust gases expelled from the smoke stack were used to preheat the boiler water. According to this principle that had been successfully used in Italy since 1938, the coal consumption for steam locomotives can clearly be reduced. Coal was a sought after commodity and therefore relatively expensive in the period after the war and during the rebuilding of Germany. So, in 1950 the German Federal Railroad adopted this method and had Henschel convert two new class 52 locomotives with

Franco-Crosti exhaust gas preheaters. They were designated as the class 42.90 due to the increase in weight. A striking feature of these locomotives was the two main flat smoke stacks the rise up on both sides of the boiler in order not to block the engineer's view. They lend the Franco-Crosti units their typical look. In 1959/60 both of these locomotives were retired from service.



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".





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".



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".



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 369.

Steam Locomotives



88851 Express Locomotive with Tender.

Prototype: German Federal Railroad (DB) class 03.

Model: Locomotive comes with a five-pole Mini-Club motor. All driving axles powered. Model comes with Wagner smoke deflectors. Length over buffers 112 mm / 4-7/16".

One-time series

The 87351 passenger car set goes well with the 88851 express locomotive and can be found on page 369.



8889 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".



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 axles 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 397.





88063 Passenger Train Tank Locomotive.

Prototype: French State Railways (SNCF) class 232 TC.

Model: Locomotive comes with a 5-pole Mini-Club motor. All driving axes powered. Headlights are maintenance-free LED's. Length over buffers 70 mm / 2-3/4".





Export model for France

The 87505 passenger car set goes well with the 88063 tank locomotive and can be found on page 377.







Diesel Locomotives









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".








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".









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".





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".

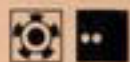
The 82580 flat car set or the 82660 flat car for containers go well with the 88691 general purpose locomotive and can be found on page 391.



The 87848 car set is the ideal add-on for this double diesel locomotive and can be found on page 380.



88606 American Double Unit Diesel Electric Locomotive.



Prototype: A-B double unit. General Motors EMD type F 7 painted and lettered for the Atchison, Topeka & Santa Fe Railway.



Model: A unit comes with a 5-pole Mini-Club motor that powers both trucks. B unit is unpowered. Number

boards are lighted. The front Mini-Club coupler on the A unit can be replaced by the pilot that is included with the locomotive. The two locomotive units are permanently coupled to one another with a drawbar. Total length 150 mm / 5-7/8".

Export model for USA



88321 American Triple Unit Diesel Electric Locomotive with Caboose.



Prototype: 1 triple unit General Motors EMD F 7 A-B-A unit, and 1 caboose painted and lettered for the Pennsylvania Railroad.



Model: Both A units come with a 5-pole Mini-Club motor that powers all 4 trucks. B unit is not powered. Lighted number boards. Mini-Club couplers for the A units can be replaced by pilots that are included with the locomotive.

The A-B-A units are permanently coupled together with drawbars. Length of this triple unit is 228 mm / 9". Caboose has separately applied ladders. Caboose length 51 mm / 2". Models not available separately.

One-time series



The 82591 American hopper car set goes well with the 88321 American diesel locomotive and can be found on page 396.

Electric Locomotives



88223 Freight Locomotive.

Prototype: German State Railroad Company (DRG) class E 94.

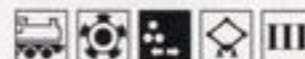
Model: Locomotive comes with a 5-pole Mini-Club motor. Both hood pieces are made of metal. Both trucks are powered. Length over buffers 85 mm / 3-3/8".



The 82570 freight car set goes well with the 88223 freight locomotive and can be found on page 385.



- ▶ 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.



88080 Electric Locomotive.

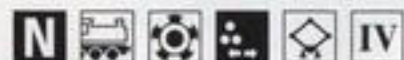
Prototype: German Federal Railroad (DB) class E 18.

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 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.



88081 Electric Locomotive.

Prototype: German Federal Railroad (DB) class 118.

Model: Locomotive comes with a 5-pole Mini-Club motor. All driving wheels powered. Headlights are maintenance-free LED's. Older design pantographs. Length over buffers 76 mm / 3".



The 87330 and 87335 center entry cars go well with the 88081 electric locomotive and can be found on page 372.

Fall New Item



88433 Electric Locomotive.

Prototype: German Railroad, Inc. (DB AG) class 143. Color scheme for commuter service.

Model: Locomotive comes with the new 5-pole Mini-Club motor. Both trucks powered. Headlights are maintenance-free LED's. Length over buffers 76 mm / 3".

The 88433 locomotive, together with the 87971, 87981 and 87991 cars, forms a prototypical, current S-Bahn train (see page 376).



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".



- ▶ 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.



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 LEDs. Length over buffers 87 mm / 3-7/16".

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.

The 82420 flat car with retractable tarp cover car set goes well with the 88520 freight locomotive and can be found on page 392.

Electric Locomotives



88524 Freight Locomotive.

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

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

One-time series

The 82421, 82661, 82581, and 82432 freight cars go well with the 88524 freight locomotive and can be found on pages 391 and 392.



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.



88670 Electric Locomotive.

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

Model: Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered. Headlights are maintenance-free LED's. Length over buffers 86 mm / 3-3/8".

One-time series



88463 Electric Locomotive.

Prototype: Swiss Federal Railways (SBB) class 460. "Swiss Collection 5" special version.

Model: Locomotive comes with the new 5-pole Mini-Club motor. Both trucks powered. Headlights are maintenance-free LED's. Length over buffers 84 mm / 3-5/16".

One-time series

Fall New Item



Switzerland

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.



8856 "Crocodile" Freight Locomotive.

Prototype: Swiss Federal Railways (SBB) class Be 6/8".

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



88501 General-Purpose Locomotive.

Prototype: Swiss Federal Railways (SBB) class Ae 6/6. City locomotive "Lucerne City".

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

The 82516 freight car set goes well with the 88501 general-purpose locomotive and can be found on page 394.



88464 Electric Locomotive.

Prototype: Bern-Lötschberg-Simplon Railroad (BLS) class 465.

Model: Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered. Headlights are maintenance-free LED's. Length over buffers 84 mm / 3-5/16".



The 87457 express train passenger car set goes well with the 88464 electric locomotive and can be found on page 379.

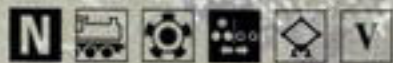
Austria

The "Taurus" class 1016/1116, originally designed for the Austrian Federal Railways (ÖBB), has now become a European success and is currently among the most up-to-date high power locomotives on the continent. This locomotive is called the "Taurus" ("bull" in English) and is a representative of the EuroSprinter family's second generation. This locomotive is distinguished by an extremely high level of power, with a peak output of 7,000 kilowatts or more than 9,500 hp. There's a reason for the name "Taurus" for this powerhouse. This locomotive can be used for both the heaviest freight

trains and for important passenger service. In addition to the single system version (designated as the class 1016), this locomotive is also used in Europe as a dual system locomotive (class 1116). "Taurus" locomotives are now also in use in Switzerland and Hungary. "Taurus" locomotives are even on the rosters of private carriers in locomotive pools. Even DB Cargo changed the remainder of its order for the class 152 into class 1116 dual system universal locomotives that are now in use on the German Railroad as the class 182.

Highlights

- ▶ New tooling.
- ▶ Important locomotive class from the prototype of the "Taurus".
- ▶ Modern general-purpose locomotive, can be used with all European trains.
- ▶ LED headlights.



88580 Electric Locomotive.

Prototype: Austrian Federal Railways (ÖBB) class 1016.

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

The 87342 express train passenger car set goes well with the 88580 electric locomotive and can be found on page 377.

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.

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 axes 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 ambiance. 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".



87711 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



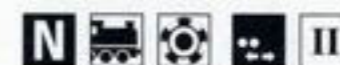
81426 Train Set.

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. Models 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



81430 Passenger Train.

Prototype: 1 German State Railroad Company (DRG) class V 120 diesel-pneumatic compressed air locomotive. 1 Württemberg design express train passenger car, 1st/2nd/3rd class. 2 Bavarian design express train passenger cars, 3rd class. 1 express train baggage car.

Model: Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Headlights are maintenance-free LED's. Models not available separately. Train length 431 mm / 16-15/16".



date of the "Rheingold". 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 Rheingold.

Continued from page 108.

Apt. lux. furn. 6-pers. occ. w/Rhine view.

Anyone with the time and the money would love to travel this way today: In sumptuous club chairs, the gala dinner served at your seat, the table set with the finest china, crystal, and silverware. Afterwards a fine cigar and a little glass of something for the lady. And during all of this the constantly changing panorama of one of the most beautiful landscapes in Europe before your eyes ...



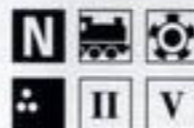
The interiors of the cars in the Belle Epoque style came from the designs of important artists and architects. Deluxe trains such as the Rheingold gave wings to the fantasy of society reporters and writers. Our model trains offer consolation for everyone who could not take the Rheingold, at least externally they convey the special nature of this deluxe train: The special arrangement of the extra wide windows, the blue-cream

paint scheme, the decorative gold striping and fine lettering. With the 75th anniversary as the occasion, the preserved S 3/6 has also been given this typical Rheingold paint scheme. The models of our Rheingold train sets in H0 and Z as well as the model of the S 3/6 in 1 Gauge will come this way.

Continuation on page 434.



Reduced size photograph. Original dimensions of the sign with handles is 160 x 65 mm / 6-1/2" x 2-9/16".



81331 "75 Years of the Rheingold" Train Set.

Prototype: German State Railroad Company (DRG) class 18.4 express train steam locomotive. 1 type SB 4ü 28 salon car, 2nd class. 1 type SB 4ü K28 salon car, 2nd class with galley. 1 type SA 4ü 28 salon car, 1st class. 1 type SA 4ü K28 salon car, 1st class with galley. 1 type SPw 4ü 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 639 mm / 25-1/8".

A reproduction of an original train destination sign from the legendary "Rheingold" is included with this train.

The lithographed sheet metal case as the packaging underscores the exclusiveness of this train. The embossed "Rheingold" lettering and the color scheme for this case were inspired by the prototype.

One-time series



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. Models 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. Models 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. Models 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 was 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 series

Switzerland



81418 "Swiss Passenger Service" Train Set.

Prototype: 1 Swiss Federal Railways (SBB) class Ae 3/6 II express locomotive. 2 type 40 older design express train passenger cars, 1st/2nd class. 1 type 40 express train baggage car, BLS design.

Model: Locomotive comes with a 5-pole Mini-Club motor. All driving axles powered. Models not available separately. Train length 338 mm / 13-5/16".





81431 "Alpine Transit" Train Set.

Prototype: 1 Siemens Locomotive Pool Lease Locomotive class 1116 electric locomotive. 2 piggyback cars, privately owned cars painted and lettered for the firm Hupac, used on the Swiss Federal Railways (SBB). 1 two-axle flat

car for containers and 1 four-axle flat car for containers, both painted and lettered for the Swiss Federal Railways (SBB).

Model: Locomotive comes with a 5-pole Mini-Club motor. Both trucks are powered. Headlights are maintenance-free LED's. 1 piggyback

car loaded with a removable semi-truck trailer. Model of the truck tractor included. 1 piggyback car loaded with 2 flatbeds with tarp covers. The containers on both flat cars for container transport are removable. Models not available separately. Train length 409 mm / 16-1/8".

One-time series

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: Models not available separately. Total length 270 mm / 10-5/8".



The 88181 locomotive goes well with the 87945 express train passenger car set and can be found on page 338.

Passenger car models shown full size

Car Sets



87672 "Höllentalbahn" Passenger Car Set.

Prototype: 4 German State Railroad Company (DRG) standard design branch line cars. 1 type Bci-34 car, 2nd and 3rd class. 2 type Ci-33 cars, 3rd class. 1 type PwPosti-34 mail/baggage car.

Model: Cars are not available separately. Total length over buffers 245 mm / 9-5/8".

One-time series

The 88887 locomotive, together with the 87672 car set, forms a prototypical German State Railroad train on the Höllentalbahn (Valley of Hell Line) in the Black Forest (see page 339).



II

87681 Passenger Car Set.

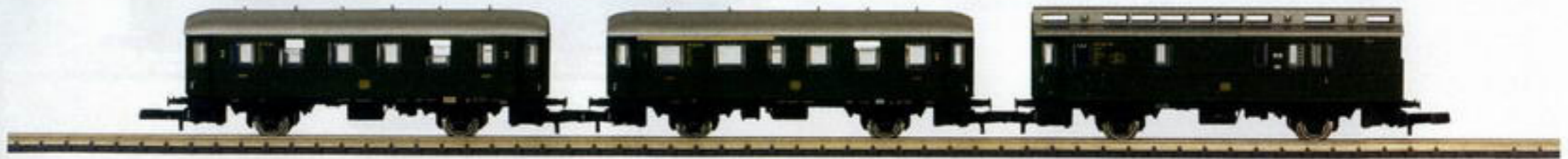
Prototype: 4 different "Langenschwalbach" design passenger cars, painted and lettered for the German State Railroad Company (DRG). 1 type Pr 09, BC4i passenger car, 2nd/3rd class. 1 type Pr 11, C4i passenger car, 3rd class. 1 type Pr 11, C4itr passenger car with baggage compartment, 3rd class. 1 type Pr 11, PwPost4i baggage car with mail compartment.

Model: Models 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 338.





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 PwPosti-34a baggage-mail car.
Model: Models 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 345.



87351 "Lorelei" Express Train Passenger Car Set.

Prototype: 5 different German Federal Railroad (DB) express train passenger cars. 1 type A4üe coach, 1st class. 1 type AB4üwe coach, 1st/2nd class. 1 type WR4ü(e) dining car. 2 type B4üe coaches, 2nd class.
Model: Models not available separately. Total length 503 mm / 19-13/16".

One-time series

The 87351 express train passenger car set goes well with the 88851 express locomotive that can be found on page 346.



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".

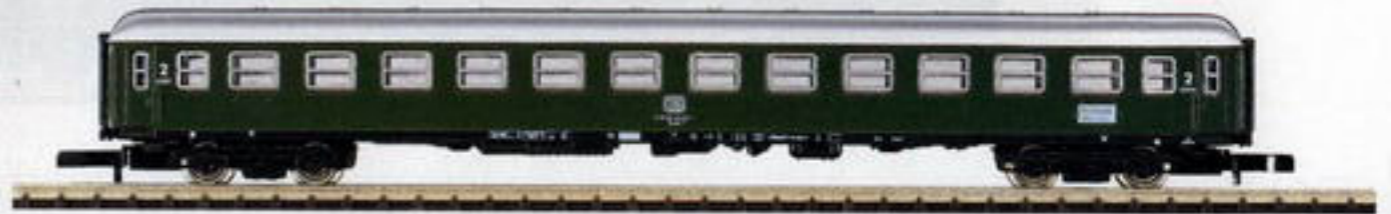
Starting in 1954 the German Federal Railroad (DB) rebuilt a large number of old two-, three-, and four-axle passenger cars into modern cars. The car bodies for these rebuild cars were completely new and were built using a frame design. Old trucks, mostly Prussian designs, were reused for these cars.

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

N IV

87335 Center Entry Coach.

Prototype: German Federal Railroad (DB) type Bym 421, 2nd class.

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



The 88081 electric locomotive goes well with the 87330 and 87335 center entry coaches and can be found on page 350.



N IV

87330 Center Entry Coach.

Prototype: German Federal Railroad (DB) type ABym 411, 1st and 2nd class.

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

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".



The 88536 electric locomotive goes well with the 87161, 87171 and 87181 commuter cars and can be found on page 351.

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".



When operated control car first, triple headlights shine.



When operated locomotive first, dual red marker lights shine.



V

87181 Commuter Car with Engineer's Cab.

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

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 InterRegio cab control car.



V

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.

Model: Maintenance-free LEDs for the headlights / marker lights on the cab control car. Models 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.

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 "Regional-Express 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 DBbzf 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".



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

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

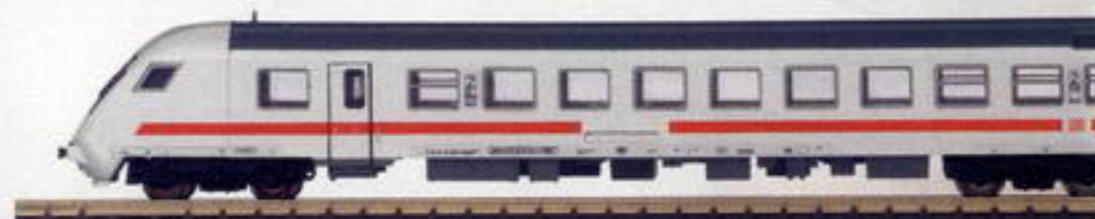
Express Train Passenger Cars



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 LEDs. Models not available separately. Total length 243 mm / 9-9/16".



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



When operated locomotive first, dual red marker lights shine.



V

87732 Express Train Passenger Car.

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

V

87251 Express Train Passenger Car.

Prototype: German Railroad, Inc. (DB AG) type Apmz 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 88670 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

N **V**

87971 S-Bahn Car.

Prototype: German Railroad, Inc. (DB AG) type Bx 794.3 open seating coach. 2nd class.
Model: Length over buffers 111 mm / 4-3/8".



Fall New Item

Fall New Item



N **V**

87981 S-Bahn Car.

Prototype: German Railroad, Inc. (DB AG) type ABx 791 open seating coach. 1st and 2nd class.
Model: Length over buffers 111 mm / 4-3/8".

N **V**

87991 S-Bahn Car.

Prototype: German Railroad, Inc. (DB AG) type Bxf 796.3 cab control car. 2nd class with engineer's compartment.
Model: Headlights / marker lights at the ends are maintenance-free LED's. Length over buffers 115 mm / 4-1/2".



Fall New Item

When operated control car first, triple headlights shine.



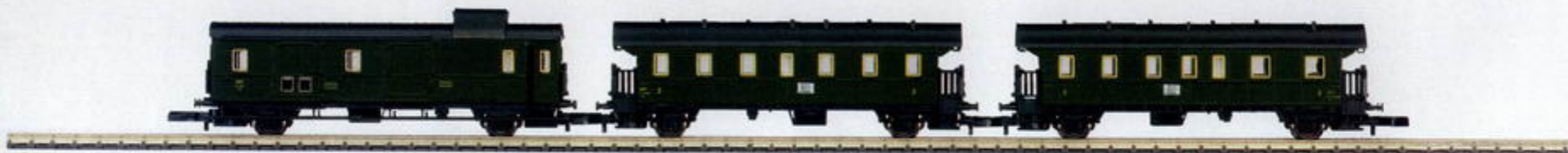
When operated locomotive first, dual red marker lights shine.





N **87342 Express Train Passenger Car Set.**
Prototype: 3 Austrian Federal Railways (ÖBB) Eurofima express train passenger cars. 1 type Amz express train passenger car, 1st class. 2 type Bmz express train passenger cars, 2nd class.
Model: Models not available separately. Total length 366 mm / 14-7/16".

One-time series



N III **87505 Passenger Car Set.**
Prototype: 3 different French State Railways (SNCF) standard design passenger cars. 1 type BC standard design passenger car, 2nd/3rd class. 1 type C standard design passenger car, 3rd class. 1 type Dmp

standard design baggage car.
Model: Models not available separately. Total length 195 mm / 7-11/16".

Export model for France

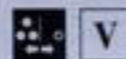
Switzerland



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 Bt 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. Models not available separately. Total length 490 mm / 19-5/16".





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.



N V

87457 Push/Pull Express Train Passenger Car Set.

Prototype: Bern-Lötschberg-Simplon Railroad (BLS) standard design Mark IV coaches.

1 standard design Mark IV type A express train passenger car, 1st class. 2 standard design Mark IV type B express train passenger cars,

2nd class. 1 EuroCity design type Bt express train cab control car, 2nd class with engineer's cab for push/pull train operations, leased from the Swiss Federal Railways (SBB).

Model: Headlights / marker lights are maintenance-free LED's. Models not available separately. Total length 490 mm / 19-5/16".

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



When operated locomotive first, dual red marker lights shine.



The 88464 electric locomotive goes well with the 87457 express train passenger car set and can be found on page 354.

USA



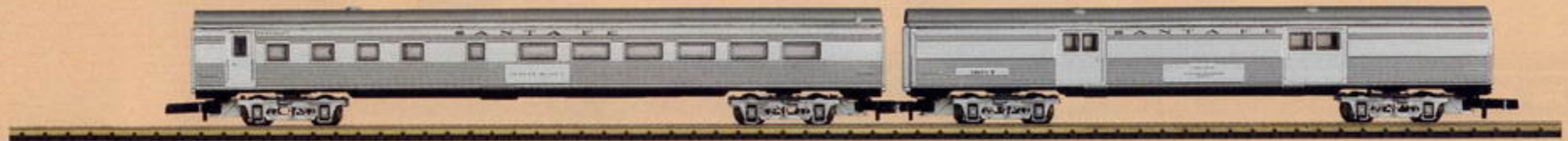
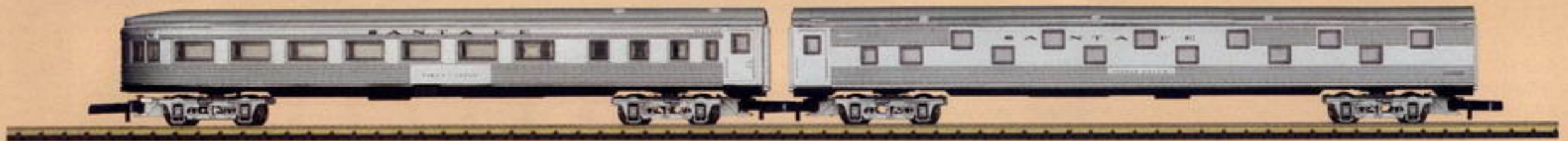
87848 American Passenger Car Set.

Prototype: 6 different Atchison, Topeka & Santa Fe Railway streamliner cars. 1 baggage car. 1 sleeping car. 1 dining car. 1 Duplex sleeping car. 1 vista dome car. 1 observation car.

Model: Models not available separately. Total length 676 mm / 26-5/8".

Export model for USA

The 88606 double unit diesel locomotive is ideal for the 87848 American streamliner car set and can be found on page 349.





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. Models 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.

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.

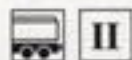
Model: Removable stakes included. Length over buffers 60 mm / 2-3/8".



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".



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. Models not available separately. Total length 115 mm / 4-1/2".



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

The 88841 steam freight locomotive goes well with the 82070 standard design tank car set and can be found on page 338.



82071 Tank Car Set.

Prototype: 1 each standard design tank car with a steel brakeman's cab and with a brakeman's platform. Cars are privately owned by the firm of Henkel, Düsseldorf, Germany. Used on the German State Railroad Company (DRG). Benz panel truck lettered for the same firm.

Model: Brakeman's cab and walkway with ladder separately applied. Cars have different car numbers. Metal truck model. Cars and truck are not available separately. Total length over buffers 115 mm / 4-1/2".

One-time series





- ▶ New tooling.
- ▶ Prototypical freight loads.



82570 Flat Car Set.

Prototype: 3 different German State Railroad Company (DRG) type SSml four-axle flat cars with brakeman's cabs.

Model: 1 flat car loaded with squared timber that has been stacked in layers. 1 flat car loaded with cordwood banded in packs. 1 flat

car loaded with heavy beams stacked in a slanted fashion. Cars have different car numbers. Finely detailed reproduction of the arch bar trucks and of the truss rods. Stakes that can be installed on the cars are included. Models not available separately. Total length 240 mm / 9-7/16".

The 88223 freight locomotive goes well with the 82570 flat car set and can be found on page 350.



82519 Beer Car Set.

Prototype: 1 refrigerator car and 1 low side car both with a brakeman's cab. Cars privately owned by Lederer Brewery, Nürnberg, Germany. Used on the German State Railroad Company (DRG). Benz flat bed truck lettered for the same firm.

Model: Brakeman's cabs separately applied. Truck model is made of metal; the barrels are made of real wood. Cars and trucks are not available separately. Total length over buffers 83 mm / 3-1/4".



One-time series



82562 High Capacity Boxcar with Brakeman's Platform.

Prototype: Type G1 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".



Freight Cars



III **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".



III **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".



82518 Freight Car Set.

Prototype: 5 different design freight cars, used on the German Federal Railroad (DB). 1 boxcar, lettered with Brit.-US-Zone. 1 two-axle tank car with a brakeman's platform. Privately owned car painted and lettered for VTG Vereinigte Tanklager und Transportmittel GmbH, Hamburg, Germany. 1 type R 10 stake car with brakeman's cab. 1 high capacity boxcar with brakeman's cab. Privately owned car painted and lettered for a brewery. 1 four-axle standard design tank car with a steel brakeman's cab. Privately owned car painted and lettered for Deutsche Gasolin AG, Hannover, Germany.

Model: Brakeman's platform and walkway with ladders separately applied on the two-axle tank car. Finely detailed, partially open frame. The stake car is loaded with bundled briquettes. Stakes that can be installed on it are included. Steel brakeman's cab and walkway with ladder separately applied on the four-axle standard design tank car. Models not available separately. Total length 260 mm / 10-1/4".

One-time series



III **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".



III **82314 Tank Car with Brakeman's Platform.**
Prototype: German Federal Railroad (DB) car for express milk traffic, Frankfurt-Hochst, 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.





N III

86222 Auto Transport Car Set.

Prototype: German Federal Railroad (DB) type Off 52 double unit.

Model: 2 cars form a prototypical double unit. Models not available separately. Total length 111 mm / 4-3/8".



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



III

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. Models 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.



The 82518 freight car set is the ideal addition to this year's Mini-Club Insider model, item no. 88040, the model of the Franco-Crosti class 42.90 freight locomotive with a tub-style tender.

Freight Cars



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 Klms 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".



IV **V** **8611 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".





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

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** **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".



V

8648 Beer Car.

Prototype: Car privately owned, used on the German Federal Railroad (DB).

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



V

86001 Beer Car.

Prototype: Car privately owned, used on the German Railroad, Inc. (DB AG).

Model: Refrigerator car painted and lettered

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

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. Models not available separately. Total length 181 mm / 7-1/8".

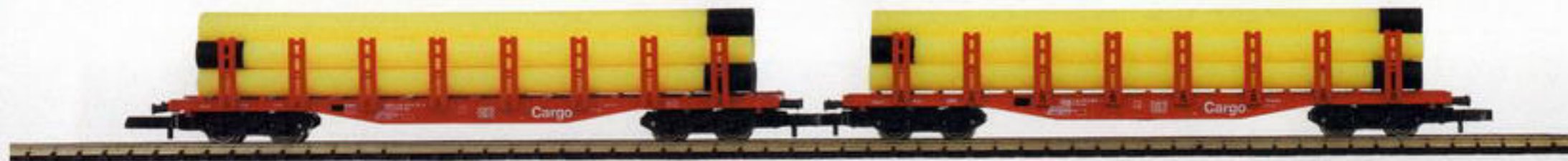
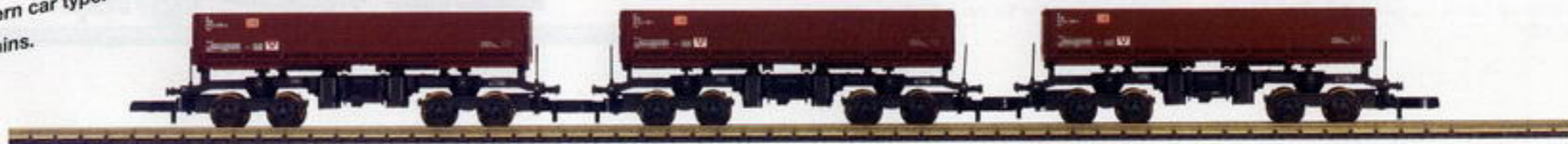


In 1993 the Blankenburg Research and Development Facility (FEW) presented the prototype of a new efficient, four-axle dual side dump car, the type Fas 126. Starting in 1994 the German Railroad, Inc. (DB AG) purchased a total of 250 of these cars. The most important use for these bulk freight cars was 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. Models not available separately. Total length 291 mm / 11-7/16".





82661 Four-Axle Flat Car for Containers.

Prototype: German Railroad, Inc. (DB AG) type Sgs 693. Loaded with two 20 ft. containers.

Model: Containers are removable. Length over buffers 90 mm / 7-3/8".

The 88524 freight locomotive goes well with the 82661 flat car for containers and can be found on page 352.



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.



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 88691 diesel locomotive goes well with the 82660 flat car for containers and can be found on page 348.



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. Models 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 Rils 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 348.



82581 Four-Axle Flat Car.

Prototype: German Railroad, Inc. (DB AG) type Res 687 in the "traffic red" paint scheme.

Model: Loaded with H-shaped steel beams in two lengths. Length over buffers 90 mm / 3-9/16".

The 88524 freight locomotive goes well with the 82581 flat car and can be found on page 352.

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. Models 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.



82432 Dump Car Set.

Prototype: 2 German Railroad, Inc. (DB AG) type Fas 126 side dump cars.

Model: Cars have different car numbers. Models not available separately. Total length 118 mm / 4-5/8".

The 88524 freight locomotive goes well with the 82432 dump car set and can be found on page 352.



82271 Piggyback Car.

Prototype: German Railroad, Inc. (DB AG) type Sdgkms 707 in the "traffic red" paint scheme, with the lettering "DB Cargo".

Model: Loaded with the model of a removable semi truck trailer lettered for the firm Frigeo-

Werk, Bettle, Inc., Kernen, 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".



82421 Four-Axle Sliding Tarp Cover Car.

Prototype: German Railroad, Inc. (DB AG) type Rils 652.

Model: Length over buffers 90 mm / 3-9/16".

Die zum Schiebepanewagen 82421 passende Güterzuglokomotive 88524 finden Sie auf Seite 352.



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

82373 Side Dump Car.

Prototype: German Railroad, Inc. (DB AG) type Fcs 089 in the "traffic red" paint scheme, lettered for "DB Cargo".

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



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".



V

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".

Highlights

► Continuation of the emergency aid series.



82272 Piggyback Car.

Prototype: German Railroad, Inc. (DB AG) type Sdtkms 707.

Model: Car is loaded with a model of a removable emergency aid semi-truck trailer.

Model of the truck tractor is included. Length over buffers 78 mm / 3-1/16".

One-time series

Highlights

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

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.

Switzerland



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. Models not available separately. Total length 153 mm / 6".



82516 "Wood Transport" Swiss Freight Car Set.

Prototype: 4 different Swiss Federal Railways (SBB) freight cars, for the transport of wood. 2 type Snps stake cars. 2 type Eacs high side gondolas.

Model: Both stake cars are loaded with freshly cut timber. Both high side gondolas are loaded with mining timber. Models not available separately. Total length 325 mm / 12-13/16".

One-time series

The 88501 general-purpose locomotive goes well with the 82516 freight car set and can be found on page 354.



Belgium



- ▶ New tooling.
- ▶ New car type.
- ▶ Can be used for all European trains.
- ▶ Ideal for unit trains.



82620 Grain Silo Car Set.

Prototype: 4 special cars for the transport of grain. Privately owned cars, used on the Belgian State Railways (NMBS/SNCB).

Model: Finely detailed reproduction of the brakeman's platforms and ladders. Models not available separately. Total length 277 mm / 10-7/8".

Export model for Belgium

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".



Netherlands

N V

86304 Hopper Car Set.

Prototype: 2 Dutch State Railways (NS) type Fals hopper cars for the transport of limestone.

Model: Both cars are loaded with real limestone. Models not available separately. Total length 109 mm / 4-5/16".

Export model for the Netherlands





82591 American Hopper Car Set.

Prototype: 5 type H35 hopper cars painted and lettered for the Pennsylvania Railroad. Three-bay design.

Model: Cars have different car numbers. Separately applied brake wheels. All of the cars are loaded with real coal. Models not available separately. Total length 340 mm / 13-3/8".

One-time series



- ▶ New load insert with real coal.
- ▶ Hopper cars are ideal for unit trains.



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. Models not available separately. Total length 295 mm / 11-5/8".





The 88321 American diesel locomotive goes well with the 82591 American hopper car set and can be found on page 349.



- ▶ 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. Models 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.



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.

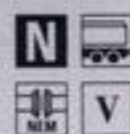


Summer New Item



N
80813 Märklin Magazin Z Annual Car for 2003.
Prototype: Type Eaos 106 high side gondola. Load of wood chips for paper production.
Model: Car has the blue color scheme of the Märklin Magazin. Removable load insert. Length over buffers 63 mm / 2-1/2".

The 80813 Märklin Magazin Z Annual Car is being produced in a one-time series only in 2003.



47447 Märklin Magazin H0 Annual Car for 2003.
Prototype: Standard design type Sdgkms 707 depressed well flat car with semi truck trailer. Painted and lettered as privately owned units.
Model: Metal frame, floor, and load well. Special trucks with low riding design. Many separately applied details. Adjustable load restraints. Semi-truck trailer (Herpa) is a special edition. Length over buffers 18.9 cm / 7-7/16".
DC wheel set 32 0557

The 47447 Märklin Magazin H0 Annual Car is being produced in a one-time series only in 2003.

Summer New Item



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

Highlights

- ▶ Refuse crane is completely new tooling.
- ▶ Movable crane boom.
- ▶ Special steel cable on the refuse crane with a diameter of only 0.27 mm or 1/64".
- ▶ Drum wound with special steel cable.



N **II**

H0 Museum Car for 2003.

Prototype: Privately owned type O Halle car, used on the German State Railroad Company (DRG). This car has a brakeman's cab. Büssing design refuse crane.

Model: Gondola with reproduction of the dished sheet metal doors. Loaded with a winch made of real wood and special steel, safeguarded in a load frame. Length over buffers 10.1 cm / 4".

Refuse crane has metal frame and superstructure. Separately applied side markers. Rubber-like tires with reproduction of the tire profile. Crane boom can be moved. Metal crane hook with fixed special steel cable. Length 10.1 cm / 4".

DC wheel set 70 0580

N **II**

Märklin Z Museum Car Set for 2003.

Prototype: German State Railroad Company (DRG) type O high side gondola with brakeman's cab.

Model: High side gondola is loaded with a cable drum and load frame. Cable drum is wound with 42 cm / 16-9/16" of real fine cable made of special steel by the firm Carl Stahl, Süssen, Germany. Length over buffers 40 mm / 1-9/16".

1 Büssing crane lettered for the firm Carl Stahl, Süssen. The crane has a boom that can be rotated. Truck is made of metal. Length 39 mm / 1-9/16".

An appropriate metal container as packaging rounds out this Mini-Club Museum car set.

N **III**

Standard 1 Gauge Museum Car for 2003.

Prototype: German Federal Railroad (DB) type R 10.

Model: 2-axle stake car, loaded with 2 cable drums on a transport frame. The cable drums have real fine cable made of special steel by the firm Carl Stahl GmbH, Süssen, Germany. The stake car has a brakeman's platform and brake handle that can be turned. Numerous separately applied parts such as brake shoes, etc. Minimum radius required for operation 1,020 mm / 40-5/32". Length over buffers 37.5 cm / 14-3/4".



Märklin Clubs ...

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

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

- the "Club News" 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.

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Märklin Z Club Car 2003



Märklin H0 Club Car 2003

Some of the services listed here are not available in all countries.

Please contact your local Märklin Club for more information.

10 Years of Insider Membership

märklin
Insider



The German Federal Railroad's new flagship locomotive was supposed to shine because of its external appearance as well as its technology. The color design for the prestigious class 10 therefore expanded into a much discussed topic. The locomotive builders participating in the construction of the locomotive submitted their designs and color studies for consideration by the blue ribbon committee at its meeting on August 4, 1955. Important aspects of this were the color selection, but also the execution of decorative striping and the smoke deflectors. Study no. TLO 5801 from Krauss-Maffel showed a locomotive in a red paint scheme that gave a very dynamic and innovative effect. The extremely large, teardrop shaped smoke deflectors with a diagonal front edge emphasized the forward striving character of the locomotive. In the following meeting on December 14, 1955, the committee could not agree on this design, however.



37082 Express Steam Locomotive.

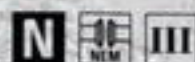
Prototype: German Federal Railroad (DB) class 10, design version from Krauss-Maffel.

Model: Locomotive comes with a digital decoder, controlled high-efficiency propulsion, running gear lights, and sound effects modul. 3 axes powered. 2 traction tires. Tender is made of metal. Close coupling between locomotive and tender. Ready for installation of 72270 smoke generator. Headlights and smoke generator that can be retrofitted into the

locomotive will work in conventional operation and can be controlled digitally. **Running gear lights, whistle, and steam locomotive sound effects synchronized with the motion of the locomotive can be controlled digitally with the 6021 Control Unit.** Length over buffers 30.5 cm / 12".

The 37082 express steam locomotive is being produced exclusively for Insider members who have been members for at least 10 years.

Special cars
for H0 Gauge
celebrants.



46010 Track Cleaning Cars "10 Years of Insiders".

Prototype: Pair of type KK 15 gondolas with hinged roof hatches, permanently coupled together, used as a railroad maintenance cars. Painted and lettered for Era III.

Model: Both cars come with built-in track cleaning equipment. Each car has a metal block that can move up and down, each

block with cleaning surface consisting of polishing felt. Cleaning surfaces can be replaced and are washable. Hinged roof hatches can be opened. Close couplers with guide mechanism. The two cars are coupled together with a plug in coupling. Length over buffers 15.3 cm / 6".

DC wheel set 70 0580

This cleaning procedure for maintaining track is also suitable for nickel silver or brass.

The track cleaning cars are being offered exclusively for Insiders who have been members for 10 years or more.



Special cars
for Z Gauge
celebrants.



86002 Birthday Car.

A car for 10 years' membership as an Insider. This birthday car lends itself for more than just giving yourself enjoyment. It can also be a special gift for friends and acquaintances. A music circuit for "Happy Birthday" is built into the packaging with its original design. The song plays when the packaging is opened.

This special Insider car only be ordered by Insider members who have been loyal members without interruption for at least 10 years.

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 the *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.



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.

Insider – The Club Newsletter

The club newsletter, 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.

