

## New Items for 2018





# The Class 103.1

At the start of the Sixties, the DB decided to expand the growing passenger train service with the development of a powerful locomotive. At the end of 1962, four test locomotives of the class E 03 were ordered from Henschel (mechanical equipment) and Siemens-Schuckert (electrical equipment). These units were finished in time for the International Transportation Exhibition in 1965 in Munich.

Starting in 1969 regular production of the class 103 was done for the InterCity service (IC 71) planned to begin in 1971, but with new specifications. The effective load for TEE and IC trains with speeds of 200 km/h / 125 mph increased from 300 to 480 metric tons, and 800 metric ton D-Zug express trains had to be able to run at 160 km/h / 100 mph. The 145 regular production locomotives – now designated as the class 103.1 – had a basic design that followed that of the prototypes with a bridge frame, locomotive

body consisting of five segments, and three-axle trucks. The same end shape was taken from the pre-production locomotives. The most striking thing externally was the doubling of the ventilation openings by a second five-part row of vent grills in the lower half of the side walls. This was caused by a larger air intake due to the greater performance of the locomotive. With a main transformer adjusted for maximum performance (continuous tractive effort output of 6,250 kilovolt amps) and type WBM 368/17f lightweight traction motors with a continuous rating of 1,240 kilowatts the result was a full increase in performance of 25.3% compared to the prototypes – an impressive 7,440 kilowatts or 10,116 horsepower.

The last thirty units (road numbers 103 216-245) were equipped with a frame lengthened by 700 mm / 27-1/2" with larger cabs in order to realize the increase in size of the cramped cabs request-

ed urgently by locomotive engineers. In addition, a more powerful air conditioning unit that could control the supply of warm or cool fresh air independent of the outside temperature contributed to the well-being of the engineers.

After being delivered in the years 1970 to 1974 the class 103.1 units immediately took over the new IC trains as well as the prestigious TEE trains that had now been partially integrated into the new IC network. The regular production locomotives ran in regular service until December of 2002, over thirty years of use in heavy, high-quality passenger train service running at the highest levels of performance. Several units remained on the roster for reserve and special service. Two units (road numbers 103 113 and 245) are still kept operational at the Munich maintenance facility by the DB Inc. for long distance service and they get a workout regularly.



## 88544 Class 103.1 Electric Locomotive

**Prototype:** German Federal Railroad (DB) class 103.1 electric locomotive in a beige-crimson paint scheme.

**Model:** The locomotive is finely and extensively painted and lettered. It is equipped with the new generation motor (motor with a bell-shaped armature). Warm white LEDs are used for the lighting that changes over with the direction of travel. The skylights in the engine room have window inserts and the engine room is lit. Both trucks powered. The locomotive has a concealed switch for the working catenary operation. Length over the buffers 88 mm / 3-1/2".

### Highlights:

- Extensive model redesign includes:
- New generation motor.
- Engine room skylights include window inserts and the engine room has warm white LED lighting.

One-time production for the Märklin Dealer Initiative (MHI).





**87269 "Rheingold" Car Set**

The German Federal Railroad's renowned "Rheingold" train was painted in the colors of wine red and ivory as a TEE train according to European standards after its beginning phase in the historic blue design. The luxurious observation cars – jargon: dome cars – were used on the Rhine line until 1975.

**Prototype:** 5 German Federal Railroad (DB) TEE "Rheingold" express train passenger cars as they looked in Era IV around 1973/1974. 2 type Avümh 111 compartment cars, 1st class, 1 type ADümh 101 vista dome car, 1st class, one type WRümh 131 hump-backed dining car, and 1 type Apümh 121 open seating car.

**Model:** All of the cars are prototypically painted and lettered. The cars have interiors as new tooling in all of the models. All of the cars have close coupler hooks. The minimum radius for operation is 195 mm / 7-11/16".

Total length over the buffers about 600 mm / 23-5/8".

The 88544 locomotive can be added to the 87269 car set for a prototypical train consist.

One-time series for the Märklin Dealer Initiative (MHI).



87269

88544



This model is being produced in a one-time series only for the Märklin Dealer Initiative (MHI). 5 years warranty on all MHI/Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012. See Page 193 for warranty terms. See Page 192 for an explanation of the symbols and age information.

# Universal Locomotive

The year 1956 was memorable: Triple headlights were introduced on branch lines, there were now only two passenger car classes, and on September 29, the DB took delivery of the first electric locomotive from the new type program – an E 41. Indeed, in Germany steam motive power still accounted for 87 percent of all gross ton kilometers, but for the first time the DB bought more electric locomotives than steam locomotives. “Motive power for the structural transformation” was the message. The smallest new construction electric locomotive with a length of 15.66 meters / 610-3/4” over the buffers, 2,400 kilowatts / 3,217 horsepower hourly output, and

a service weight of 67 metric tons fit this image ideally. “Light train service on main and branch lines”, was the notation in the type program as the planned application – as a universal type for express, passenger, and freight trains the 451 units purchased between 1956 and 1969 worked as the successor to the E 44 in commuter service between the Alps and the North Sea. “Many club members know the E 41 from their youth as a symbol for the optimistic mood of the Sixties with its reliable design”, explains Z Gauge product manager at Märklin Jürgen Faulhaber from discussions. Road number E 41 012 on the roster in 1958 was thus

selected as the prototype for the exclusive Club model for 2018. “The four-axle E 41 has become legendary due to the characteristic noise generated when starting up, which has given the units affectionate nicknames such as “Champagne Corks” or “Fire Cracker”, reports the Z product manager. He is following a goal with the two exclusive pieces of new tooling for the Club in 2017 and 2018: “Club members can place two top units into service for diesel and electric motive power for commuter service starting at the end of the Fifties. This is in the form of diesel locomotive road number V 80 008 and in 2018 road number E 41 012.”



## 88353 Class E 41 Electric Locomotive

Express, limited stop, and even freight trains – the class E 41 electric locomotives easily pulled everything over five decades in commuter service.

**Prototype:** German Federal Railroad (DB) class E 41 electric locomotive with three simple lamps, Schweiger air vents with vertical fins, and continuous rain gutter, in a steel blue paint scheme of Era III.

**Model:** The model is completely new tooling. The frame is constructed of metal and the body is made of plastic. The model has a motor with a bell-shaped armature. All axles powered. The headlights are warm white LEDs that change over with the direction of travel. Length over the buffers 71 mm / 2-13/16”.

One-time production only for members of the Insider Club.

### Highlights:

- Completely new tooling.
- Motor with a bell-shaped armature.



 This model is being produced in a one-time series only for the Märklin Dealer Initiative (MHI). 5 years warranty on all MHI/Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012. See Page 193 for warranty terms. See Page 192 for an explanation of the symbols and age information.

# The Beautiful Lady of Württemberg



## 88185 Class C Express Steam Locomotive with a Tender

**Prototype:** Royal Württemberg State Railways (K.W.St.E.) class C express steam locomotive. The locomotive looks as it did in Era I around 1915.

**Model:** The model has been improved and is finely detailed. The locomotive body and frame are constructed of metal. It has a reproduction of the brakes, sand pipes, rail clearance devices, etc. on the underside of the locomotive. The locomotive also has finely detailed valve gear and rods. There are enlarged buffer plates on the locomotive and tender. The locomotive has a motor with a bell-shaped armature. All 3 coupled axles powered. The locomotive has dual headlights. The tender has spoked wheels.

Length over the buffers about 112 mm / 4-3/8".

### Highlights:

- ✓ Locomotive frame and body constructed of metal.
- ✓ Finely detailed valve gear and rods.
- ✓ Reproduction of brake rigging, rail clearance devices, etc.
- ✓ Dual headlights.



Finely detailed valve gear

*The tender has spoked wheels*



87009

88185

# "Württemberg" Passenger Car Set



## 87009 "Württemberg" Passenger Car Set

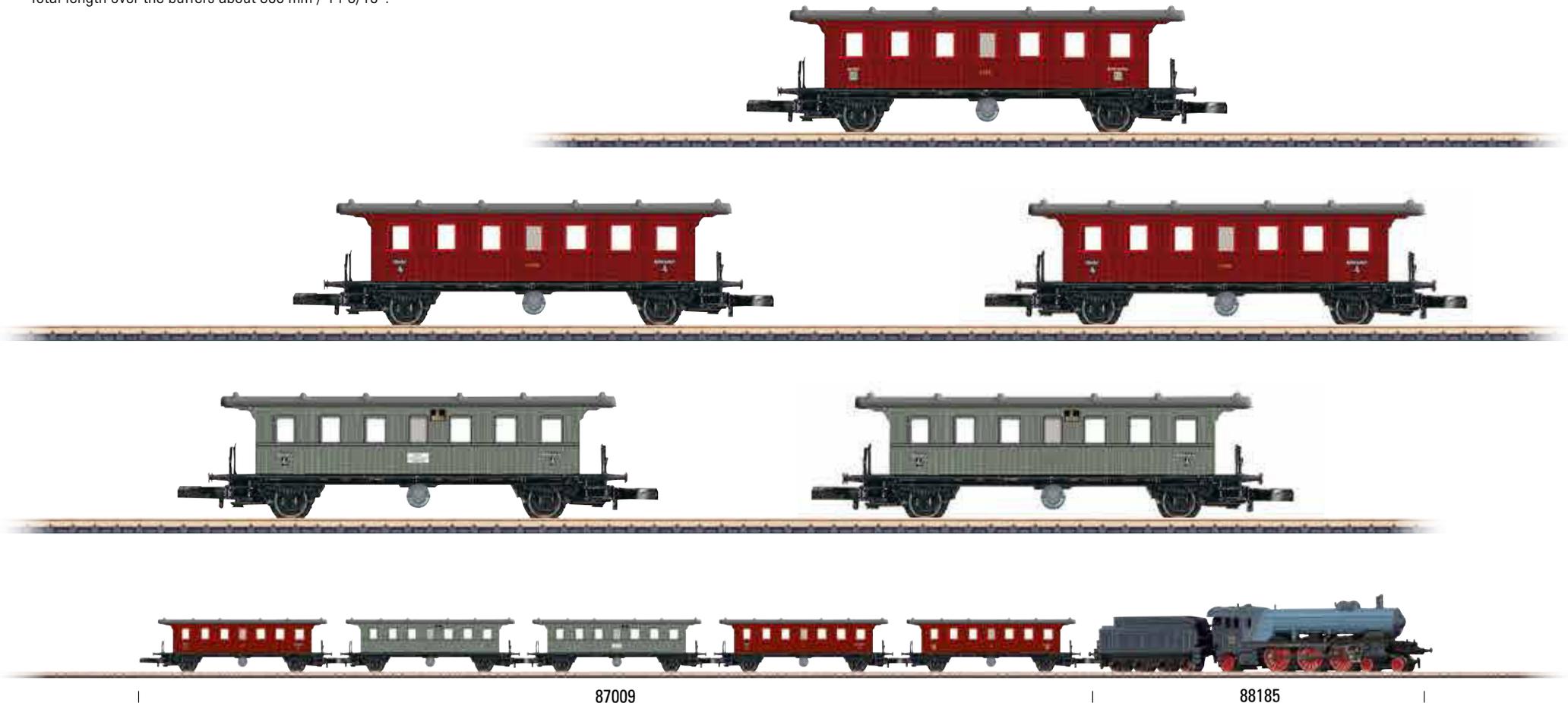
**Prototype:** 5 Royal Württemberg State Railways (K.W.St.E.) passenger cars consisting of 2 type Di Wü 04 corridor coaches, 4th class, 2 type Di Wü 08 corridor coaches, 4th class, and 1 type Ci Wü 05 corridor coach, 3rd class, as they looked around 1910.

**Model:** All of the cars are prototypically painted and lettered. Each car has an individual car number. The cars have interiors as new tooling in all of the models as well as separately applied gas tanks, and spoked wheels. All of the cars are individually packaged. Total length over the buffers about 360 mm / 14-3/16".

### Highlights:

- Interior details and separately applied gas tanks included.

*All of the cars are individually packaged*



87009

88185

# 90 Years of the Rheingold



## 81332 "90 Years of the Rheingold" Train Set

An impressive set for what is probably the most wonderful travel experience of the early Thirties. Lovingly realized, rich in detail and with an eye on the special.

**Prototype:** 1 German State Railroad Company (DRG) class 18.4 steam express locomotive with a type 2'2'T26,2 tender, 1 type SPw4ü-28 baggage car, 1 type SB4ü-28 parlor car, 2nd class without a galley, 1 type SB4ük-28 parlor car, 2nd class with a galley, 1 type SA4ü-28 parlor car, 1st class without a galley, 1 type SA4ük-28 parlor car, 1st class with a galley. Cars in a violet/beige paint scheme. The train looks as it did in the DRG's Era II around 1931.

**Model:** The locomotive has a motor with a bell-shaped armature. All driving axles powered. The locomotive model is finely detailed and includes modelling of the brake rigging, rail clearance devices, enlarged buffer plates, etc. The cars are prototypically and finely imprinted. These models are not available separately.

Train length about 635 mm / 25".

Included with the train set is a reproduction of an original builder's plate for the locomotive constructed of metal. The train set comes in an exclusively designed "book packaging" with a booklet about the history of the Rheingold and a certificate of authenticity.

### Highlights:

- **Exclusive one-time series for the anniversary of 90 years of the Rheingold.**
- **A reproduction of a locomotive builder's plate in metal included.**
- **Certificate of authenticity.**

One-time series.



See Page 192 for an explanation of the symbols and age information.



## 82318 "DRG Liquids Transport" Car Set

**Prototype:** 2 privately owned acid container cars and 1 privately owned 2-axle tank car used on the German State Railroad Company (DRG). The cars look as they did in Era II.

**Model:** The 2 acid container cars each have 12 "acid pots" and a brakeman's cab. The tank car has a brakeman's cab. Total length over the buffers about 120 mm / 10-1/2".



## 82267 Type G1 "Dresden" Boxcar mit the Advertising Lettering "Märklin"

**Prototype:** German Federal Railroad (DB) type G1 "Dresden" boxcar as it looked in Era III. Both sides of the car include advertising lettering for the firm "Gebr. Märklin & Cie. GmbH", Göppingen, Germany.

**Model:** The car includes repaired areas and weathering. Length over the buffers 56 mm / 2-3/16".



# The Prairie Pony



## 88031 Passenger Locomotive

**Prototype:** German Federal Railroad (DB) class 24 steam locomotive with Wagner smoke deflectors and a 4-axle type 2'2'T26 tender as the locomotive looked around 1950.

**Model:** The model has been extensively redesigned and improved with fine complete working valve gear and imitations of brakes. The locomotive has Wagner smoke deflectors. All driving axles powered. The locomotive has triple headlights with warm white LEDs. Length over the buffers about 85 mm / 3-3/8".

### Highlights:

- Redesigned model.
- Fine working valve gear.

- Imitations of brakes.
- LED headlights.
- First time with a type 2'2'T26 tender.



## 87040 German Federal Railroad Passenger Car Set

**Prototype:** 4 German Federal Railroad (DB) passenger car as they looked in Era IIIa. 1 type Pw3 Pr 02 baggage car with 3 wheel sets and a conductor's cupola. 1 type BC3 Pr 21 compartment car, 2nd/3rd class, with 2 wheel sets and a brakeman's cab, 1 type C3 Pr 04 compartment car, 3rd class, with 3 wheel sets and without a brakeman's cab, 1 type C3 Pr 21 compartment car, 3rd class, with 2 wheel sets and without a brakeman's cab.

**Model:** The set has 1 DB baggage car and 3 DB compartment cars. All of the cars have different car numbers. The compartment cars have interior details. The 2-axle cars have truss rods. The cars are finely painted and have detailed lettering. All of the cars are individually packaged. Total length about 230 mm / 9-1/16".



87040

88031

See Page 192 for an explanation of the symbols and age information.

# The Classic V of Railroad History



## 88203 Class V 200.0 Diesel Locomotive

**Prototype:** German Federal Railroad (DB) class V 200.0 heavy diesel hydraulic general-purpose locomotive in the elegant crimson/gray paint scheme. The locomotive looks as it did in Era III around 1958.

**Model:** All of the axles on the locomotive are powered. The model has a motor with a bell-shaped armature. The locomotive has dark wheel treads. Maintenance-free warm white and red LEDs are used for the

lighting. The headlights and marker lights change over with the direction of travel. The engine room details are modelled, and the locomotive has a fine complete paint scheme. The locomotive is lightly weathered in the roof area.

Length over the buffers 84 mm / 3-5/16".

*Motor with a bell-shaped armature*



## 82102 Type R 10 Stake Car with a Brakeman's Platform

**Prototype:** German Federal Railroad (DB) type R 10 Association design stake car in Era III with a load of construction steel matting.

**Model:** This car fits in with the theme of steel and/or steel processing. The car is finely painted and lettered. A removable load of "construction steel matting" is included.

Length over the buffers 56 mm / 2-3/16".



## 82341 Type SSym 46 Heavy-Duty Flat Car with a Load of T Shapes

**Prototype:** German Federal Railroad (DB) type SSym 46 heavy-duty flat car. Six-axle design with a flat load surface and a load of steel T shapes.

**Model:** The flat car has a metal body with stakes that can be installed on it. It is loaded with T shapes on a load frame.

Length over the buffers 60 mm / 2-3/8".





### 82343 Type SSym 46 Heavy-Duty Flat Car with a Load of Round Shapes

**Prototype:** German Federal Railroad (DB) type SSym 46 heavy-duty flat car. Six-axle design with a flat load surface and a load of steel round shapes.

**Model:** The flat car has a metal body with stakes that can be installed on it. It is loaded with round shapes on a load frame. Length over the buffers 60 mm / 2-3/8".



### 82342 Type SSym 46 Heavy-Duty Flat Car with a Load of an Insulated Hood

**Prototype:** German Federal Railroad (DB) type SSym 46 heavy-duty flat car. Six-axle design with a flat load surface and a load of an insulated hood for transporting glowing steel slabs.

**Model:** The flat car has a metal body with stakes that can be installed on it. It is loaded with a reproduction of a lightly weathered insulated hood. Length over the buffers 60 mm / 2-3/8".



### 86237 Type Omm 52 Gondola with a Load of Scrap

**Prototype:** German Federal Railroad (DB) type Omm 52 gondola without a handbrake for transporting scrap metal. The car looks as it did in Era III around 1961.

**Model:** The car is extensively painted and it has metal wheel sets, which are black nickel-plated. It is loaded with a reproduction of rusty scrap metal. Length over the buffers about 46 mm / 1-13/16".

*Prototypical freight load*



See Page 192 for an explanation of the symbols and age information.

| 86237

| 82343

| 82342

| 82341

| 82102

| 88203

# “Bubikopf”



## 88742 DB Class 064 Steam Tank Locomotive



© Thomas Estler

**Prototype:** German Federal Railroad (DB) class 064 steam tank locomotive. The locomotive looks as it did in Era IV.

**Model:** This is a finely detailed model. The locomotive body and frame are constructed of metal. The brake rigging, rail clearance devices, etc. are modelled on the underside of the locomotive. The locomotive has finely detailed working valve gear and side rods. It also has larger buffer plates. The locomotive has welded water tanks but does not have a smoke box door central locking device or a bell. The triple headlights change over with the direction of travel. Warm white LEDs are used for the headlights. The locomotive has a motor with a bell-shaped armature. All 3 coupled axles are powered. The wheels are black nickel-plated. Length over the buffers approximately 57 mm / 2-1/4”.

### Highlights:

- Metal locomotive frame and body.
- Finely detailed side rods / valve gear.
- The braking rigging and rail clearance devices are modelled.
- Motor with a bell-shaped armature.
- Warm white LEDs for the headlights.



## 82101 “High Tension Current Train” Car Set

**Prototype:** High tension current train for erecting catenary, as it looked in the German Federal Railroad’s (DB) Era IIIb, consisting of a catenary erecting car (former type R10 with a brakeman’s cab), car for drums of wire (former type R10), material supplies car (former type G car) and bunk car (former Württemberg corridor car).

**Model:** The car set consists of 2 former type R10 cars, loaded with the typical equipment and supplies for a catenary erecting train. The loads are made of real wood. There is a material supplies car and a bunk car. All of the cars are extensively painted and imprinted. Length over the buffers about 216 mm / 8-1/2”.





### **88135 Class 232 Heavy Diesel Locomotive**

**Prototype:** German Railroad, Inc. / Railion Germany, Inc. class 232 ("Ludmilla") heavy diesel locomotive in a "Traffic Red" basic paint scheme.

**Model:** The locomotive is extensively and finely painted and lettered. The cab interiors are suggested. Both trucks powered. The locomotive has triple headlights and dual red marker lights that change over with the direction of travel. Maintenance-free warm white and red LEDs are used for the lighting. Length over the buffers about 95 mm / 3-3/4".



### **82662 Type Sgs 693 Four-Axle Container Transport Car**

**Prototype:** German Federal Railroad (DB) type Sgs 693 as it looked around 1992. Loaded with two 20-foot containers of the firm MSC Geneva and a 20-foot container of the container shipping company Hamburg South.

**Model:** All of the containers are removable. Length over the buffers 90 mm / 3-1/2".



See Page 192 for an explanation of the symbols and age information.

| 82662 | 82662 | 82662 | 88135 |

# The "Iron Pig"



## 88227 Class E 94 Heavy Electric Freight Locomotive



**Prototype:** German Railroad, Inc. (DB AG) road number E 94 056, former DR class 254. Traditional locomotive from the Leipzig Main Station, museum track. Version in a "Bottle Green" / "Fire Red" paint scheme.

**Model:** The locomotive has a new generation motor, a motor with a bell-shaped armature. The headlights change over with the direction of travel and are warm white LEDs. Both hood sections of the locomotive are constructed of metal. All axles on both trucks are powered. The locomotive has a finely executed, prototypical paint scheme and lettering. The locomotive comes in an exclusive wooden box. Length over the buffers 85 mm / 3-3/8".

### Highlights:

- Continuation of the edition of museum locomotives.
- Metal replica of the AEG builder's plate included.
- Comes in a wooden box.
- Limited series of 499 pieces.



## 88437 Class 143 Electric Locomotive

**Prototype:** German Railroad, Inc. (DB AG) class 143 general-purpose electric locomotive. B-B wheel arrangement. The locomotive looks as it did around 2011.

**Model:** All axles on both trucks are powered. The catenary selector screw switch is located inside the locomotive. Maintenance-free warm white and red LEDs are used for the lighting. The headlights and marker lights change over with the direction of travel. Length over the buffers 76 mm / 3".



See Page 192 for an explanation of the symbols and age information.



### 81594 "Gotthard Panorama Express" Train Set

**Prototype:** Swiss Federal Railways (SBB) Gopex consisting of the class Re 4/4 II general-purpose locomotive in a red paint scheme and 3 panorama cars.

**Model:** The locomotive has been converted to a motor with a bell-shaped armature. All axles powered. Maintenance-free, warm white LEDs are used for the lighting (3 x white in the front, 1 x white in the lower right rear (Swiss headlight code). The locomotive has movable rail clearance devices on both trucks. The current pickup can be switched from catenary to track. The cars are imprinted in the new "Gopex design". Train length over the buffers about 435 mm / 17-1/8".

A car set to add to this train is available as item number 87662.

*New tooling  
Movable rail clearance devices  
LED lighting*



### 82531 Wascosa Gas Tank Car Set

**Prototype:** 3 four-axle freight cars for transporting gas, painted and lettered for the freight car leasing company Wascosa. Of them, 2 cars include heat shields and 1 car is without a heat shield. All of the cars look as they do in Era VI.

**Model:** All of the cars are in a special version and include close coupler hooks and individual car numbers. The cars are prototypically painted and lettered. Length over the buffers about 225 mm / 8-7/8".





### 88218 Class 2048 Diesel Locomotive

**Prototype:** Austrian Federal Railways (ÖBB) class 2048 lightweight general-purpose locomotive. "Traffic Red" paint scheme from Era V. The locomotive looks as it did around 1992.

**Model:** The locomotive has a can motor with a bell-shaped armature. All axles on both trucks are powered. Maintenance-free warm white and red LEDs are used for the lighting. The headlights and marker lights change over with the direction of travel. Length over the buffers 60 mm / 2-3/8".



#### Highlights:

- Fine detailing.
- Warm white and red headlights and marker lights.
- Extensive paint scheme and imprinting.



Read further on our Internet page  
<http://www.maerklin.de/products/88218>



### 82532 "Green Cargo" Funnel-Flow Tank Car Set

**Prototype:** 2 type Zacns funnel-flow tank cars painted and lettered for Ermewa SA "Green Cargo", used to transport fuel.

**Model:** The 2 type "Zacns" funnel-flow tank cars of the firm Ermewa SA are painted and lettered for "Green Cargo". Both cars are individually lettered and include close coupler hooks. Length over the buffers each 77.5 mm / 3-1/16".



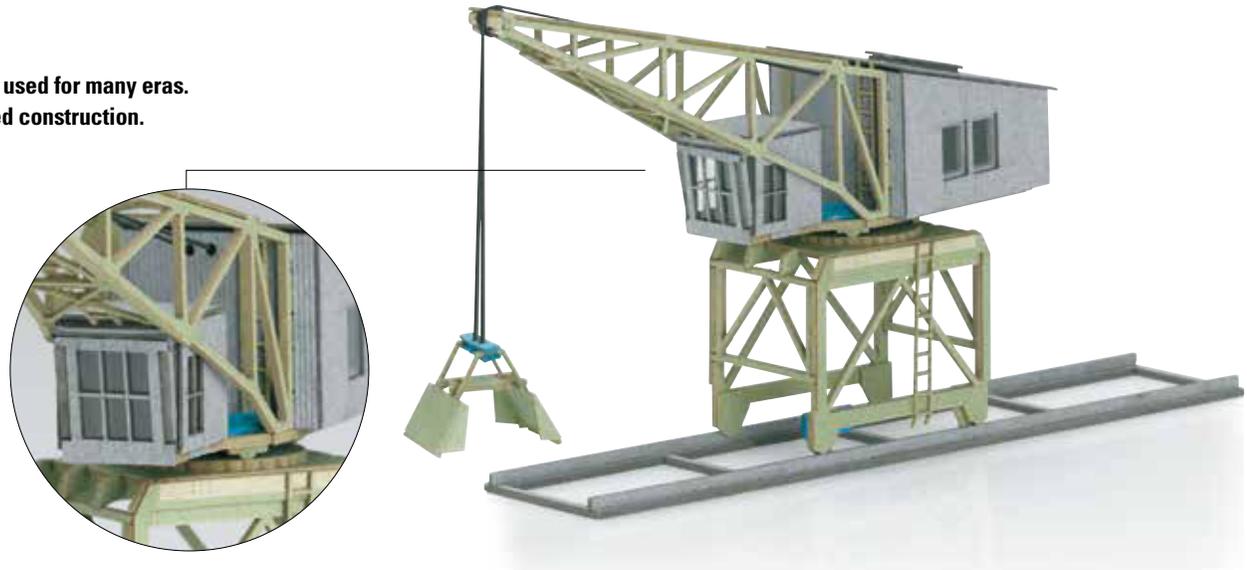
IV V VI 15+

## 89769 Duisburg Inner Harbor Crane

**Prototype:** Duisburg Inner Harbor crane as it looked at the start of Era IV. Used to load and unload bulk freight such as coal and ore.

**Model:** This advanced building kit is precision laser-cut from high-quality architectural quality cardstock and is a model of the Duisburg Inner Harbor crane. The parts are laser-cut precisely from special quality architectural quality cardstock. All of the parts already in a realistic basic paint scheme and they can be weathered and painted further with no problem. The crane cab can be turned carefully on the base. Dimensions about 60 (L) x 16 (W) x 45 (H) mm / 2-3/8" (L) x 5/8" (W) x 1-3/4" (H), Length of the under frame about 20 mm / 3/4"

- Highlights:**
- Can be used for many eras.
  - Detailed construction.



# Easter

15+

## 80418 Z Gauge Easter Car for 2018

**Prototype:** Insulated boxcar.

One-time series only in 2018.

**Model:** The car is painted and decorated for Easter. Delivered in a transparent Easter rabbit in a green Easter basket with yellow Easter grass. Length over the buffers 40 mm / 1-9/16".

*Includes an Easter basket, grass, and appropriately designed packaging*



# Museum Cars 2018



## 80029 Z Gauge Museum Car Set for 2018

**Prototype:** DB type Kds powdered freight silo car with advertising lettering for the firm Confiserie Bosch, Uhingen, Germany, used on the German Federal Railroad (DB). Hanomag Kurier delivery truck with a flatbed and tarp.

**Model:** The powdered freight silo car has detailed construction with advertising lettering for the firm Confiserie Bosch, Uhingen, Germany. Length over the buffers 40 mm / 1-9/16".

The model truck included can be rolled and is a Hanomag Kurier with a flatbed and tarp, also in the colors of the firm Bosch. The Hanomag model is constructed of metal and has glazed windows and rubber tires.

One-time series. Available only at the Märklin Museum in Göppingen.



## Märklin Museum

**märklin**eum



### The greatest pleasure lies in the anticipation!

The construction work for the "märklneum" is in full gear. Look forward starting in 2019 to unique exhibits, hand samples, drawings, an impressive model railroad layout, and an adventure world on a total area of around 3,000 square meters / 10,000 square feet for collectors and families from all over the world. Shorten your waiting time and follow the **current construction progress live** on the Homepage at [www.maerklin.de](http://www.maerklin.de).

In the flagship store, Märklin fans will find a complete assortment of all gauges for the brands Märklin, Trix, and LGB as well as accessories. We also offer seconds items at attractive prices. You can visit the new Märklin Store at **the main plant** in Göppingen as **early as mid-2018**.

**Märklin Museum**  
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Fax +49 (0) 7161/608-151  
E-Mail [museum@maerklin.de](mailto:museum@maerklin.de)  
Free entry.

For information about our hours of operation, go to [www.maerklin.de](http://www.maerklin.de)



<https://www.facebook.com/maerklinmuseum>



## 37898 Class 50 Steam Freight Locomotive with a Tub-Style Tender

**Prototype:** German Federal Railroad (DB) class 50 steam freight locomotive with a tub-style tender. Witte smoke deflectors, 4 boiler domes, standard design closed cab, shortened running boards, DB Reflex glass lamps, and without inductive magnets. Locomotive road number 50 3045. The locomotive looks as it did around 1965.

**Model:** The locomotive has an mfx+ digital decoder and extensive sound functions. It also has controlled high-efficiency propulsion with a flywheel, mounted in the boiler. 5 axles powered. Traction tires. The locomotive and tender are constructed mostly of metal. A 7226 smoke unit can be installed in the locomotive. The triple headlights change over with the direction of travel. They and the smoke unit that can be installed in the locomotive will work in conventional operation and can be controlled digitally. The cab lighting can be controlled separately in digital operation. Maintenance-free warm white LEDs are used for the lighting. There is a close coupling with a guide mechanism between the locomotive and tender and it can be adjusted for curves. The rear of the tender and the front of the locomotive have close couplers with NEM pockets and guide mechanisms. The minimum radius for operation is 360 mm / 14-3/16". Protective piston sleeves and brake hoses are included. Length over the buffers 26.4 cm / 10-3/8".

### Highlights:

- **Interesting locomotive-tender combination.**
- **Cab lighting digitally controlled.**
- **Partially open bar frame and many separately applied details.**
- **High-efficiency propulsion with a flywheel, mounted in the boiler.**
- **mfx+ World of Operation decoder and extensive operational and sound functions included.**
- **One-time anniversary model for the 25th anniversary of the Insider Club.**

Freight cars to go with this locomotive can be found in the current Märklin H0 assortment.

This steam locomotive is being produced in 2018 in a one-time series only for Insider members as an anniversary model for the 25th anniversary of the Insider Club.

Digital Functions	CU	MS	MS 2	CS1	CS2-3	CS2-3
Headlight(s)						Replenishing fuel
Smoke generator contact						Replenishing fuel
Steam locomotive op. sounds						Sanding
Locomotive whistle						"Switcher Double "A" Light"
Direct control						Switching maneuver
Sound of squealing brakes off						Generator Sounds
Engineer's cab lighting						Operating sounds
Bell						Rail Joints
Whistle for switching maneuver						Safety Valve
Air Pump						Sound of Couplers Engaging
Letting off Steam						Cab chatter
Sound of coal being shoveled						
Tipping grate						
Water Pump						
Injectors						
Replenishing fuel						



## 86025 Glass Tank Car for 25 Years of Insider Membership

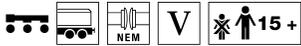
**Prototype:** German Federal Railroad (DB) 2-axle glass tank car for transporting high-proof liquids.

**Model:** This is an exclusive glass tank car for 25 years of Insider membership. The tank is made of real glass with an imprinted anniversary logo and a cork seal. Length over the buffers 40 mm / 1-9/16".

Exclusive Insider car for members with 25 years of club membership.

The 86025 glass tank car is being produced exclusively for Insider members with 25 years of membership.





### 44534 Glass Tank Car for 25 Years of Insider Membership

**Prototype:** 4-axle glass tank car with a brakeman's cab. Privately owned car for the firm Gebr. Märklin & Cie. GmbH, Göppingen, used on the German Federal Railroad (DB). The car looks as it did in 1993.

**Model:** This car has a four-axle freight car frame with trucks and a brakeman's cab. The model is finely constructed with a partially open car floor, metal sills, and close couplers. The tank is made of real glass in a special holder constructed of metal. It can be filled with liquids and sealed with a cork.

Length over the buffers 14.3 cm / 5-5/8". DC wheel set E700580.

**Highlights:**

- A real glass tank and a cork seal included.

For all Insider members with 25 years of Insider membership.



### 88012 Class 01 DB Steam Locomotive with a Tender

**Prototype:** German Federal Railroad (DB) class 01 express steam locomotive with a tender in the steel blue "F-Zug" paint scheme as it looked around 1957.

**Model:** The locomotive is in the fine steel blue paint scheme with silver boiler bands, exclusively for members of the Märklin Insider Club. The locomotive has finely detailed valve gear, imitations of the brakes, reproduction of the inductive magnet on the right side, buffer plate warning stripes, and LED headlights on the front. The model is packaged in a fine wooden box.

Length over the buffers 112 mm / 4-3/8".

**Highlights:**

- Exclusively for Insider members.

*Hand painted boiler bands and a fine wooden box included*





## 80328 Insider Z Gauge Annual Car for 2018

**Prototype:** Type Hbis-t 299 2-axle privately owned sliding wall boxcar for the firm Miele, used on the German Railroad (DB). Car for transporting moisture-sensitive freight.

**Model:** The car body is made of finely detailed, imprinted plastic, prototypically lettered, with imprinted repaired areas. The solid wheels are black nickel-plated.

Length over the buffers about 64 mm / 2-1/2".

One-time series only for Märklin Insider members.



## 48168 Insider H0 Annual Car for 2018

**Prototype:** Type F-z 120 (former Ommi 51) two-axle sectional dump car. Privately owned car for HGK Harbors and Freight Service of Cologne, Inc. Without a hand brake and a brakeman's platform, with rail clamps. The car looks as it did around 2006.

**Model:** The car has detailed construction with a partially open frame, separately applied rail clamps and separately applied dump sections. The car does not have a brakeman's platform.

Length over the buffers 10.4 cm / 4-1/8". DC wheel set E700580.

One-time series only for Märklin Insider members.



# Something Lovable for the Branch Line



## 81772 "Light Freight Train" Train Set

**Prototype:** German Federal Railroad (DB) class 236 diesel locomotive with a Nürnberg design roof cupola. 3 type Klm 441 low side cars without a hand brake and with metal sides, tractor with a trailer. All of the units are Era IV.

**Model:** The model locomotive has a roof cupola. It also has a motor with a bell-shaped armature. All axles on the locomotive are powered. Triple headlights and red marker lights change over with the direction of travel. Maintenance-free LEDs are used for the lighting. The 3 type Klm 441 low side cars are new tooling. They are finely detailed with black nickel-plated solid wheels. The tractor with trailer is constructed of metal, can be rolled, has rubber tires, and can be used as a freight load or as a scenery detail. 1 load of hay bales is included as a freight load. Total length over the buffers approximately 153 mm / 6".

### Highlights:

- Locomotive with a roof cupola.
- Type Klm 441 low side cars as completely new tooling.
- Tractor and trailer constructed of metal, can be rolled.

One-time production for the Märklin Dealer Initiative (MHI).

*Tractor and trailer constructed of metal,  
can be rolled*



*The type Klm 441 as completely new tooling*



 This model is being produced in a one-time series only for the Märklin Dealer Initiative (MHI). 5 years warranty on all MHI/Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012. The warranty terms and a current explanation of the symbols can be found on the Internet at [www.maerklin.de](http://www.maerklin.de)



### 87408 "Passenger Cars" Car Display

**Prototype:** 9 passenger cars. Of them 3 DB type Bpmz 291 open seating cars. 3 SNCF type B9u Eurofima compartment cars and 3 SBB type Bcm Eurofima slumber cars. All of the cars look as they did from 1979-1982.

**Model:** All of the cars have extensive paint schemes and lettering. Each of the cars has its own car number. The cars have close coupler hooks and black nickel-plated metal wheels.

The cars are individually packaged in the sales display. Length over the buffers per car 120 mm / 4-3/4".

**Highlights:**

- 9 individually packaged cars from which to choose.
- At your specialty dealer in a clearly laid out display.



# In Long-Distance and Commuter Service



## 82130 Type Rmms 33 Stake Car

**Prototype:** German Federal Railroad (DB) type Rmms 33 stake car as it looked in Era III. Reproduction of a car with a handbrake platform, air brakes, metal sides and stamped sheet metal stakes, and a load of bales of hay.

**Model:** The car is completely new tooling and is made of plastic. The imitation brake shoes are lined up with the wheel treads. The car is finely painted and lettered. Removable stakes are included. Length over the buffers 65 mm / 2-9/16".

*Completely new tooling*



## 82131 Type Rmms 33 Stake Car

**Prototype:** German Federal Railroad (DB) type Rmms 33 stake car as it looked in Era III. Reproduction of a car with a handbrake platform, air brakes, wooden sides, and wooden stakes.

**Model:** The car is completely new tooling and is made of plastic. The imitation brake shoes are lined up with the wheel treads. The car is finely painted and lettered. Removable stakes are included. Length over the buffers 65 mm / 2-9/16".

*Completely new tooling*



## 86603 "Staufen-Bräu" Freight Car Set

**Prototype:** 2 each Württemberg design refrigerator cars with handbrakes and brakeman's cabs and one type Tehs 50 refrigerator car for the brewery Brauerei zum Rad, Göppingen, Germany.

**Model:** 2 refrigerator cars with brakeman's cabs and one type Tehs 50 refrigerator car. All of the cars are lettered "Staufen-Bräu", Göppingen, Germany.

Both Württemberg design refrigerator cars have car numbers different from earlier models and all of the cars have weathered bodies and floors. Total length over the buffers approximately 135 mm / 5-5/16".





## 48418 H0 Christmas Car for 2018

**Prototype:** German Federal Railroad (DB) 262 insulated heavy oil tank car.  
**Prototype:** Association design type Om 21 (formerly Om Königsberg) two-axle high side gondola, with a brakeman's cab and a brakeman's platform. German Federal Railroad (DB). Here as a privately owned Märklin car.

**Model:** The high side gondola has a Christmas design for the transport of gifts. It also has a load insert.  
Length over the buffers 11.3 cm / 4-7/16".  
DC wheel set E700580.

**Highlights:**  
➤ **Reproduced gift as a load insert.**



## 80628 Z Gauge Christmas Car for 2018

**Prototype:** Refrigerator car in a Christmas design.

**Model:** The refrigerator car is in a Christmas design. Included is a bell made of laser-cut architectural quality cardstock, which can be hung as a decoration.  
Length over the buffers 54 mm / 2-1/8".

The Christmas car for 2018 is presented in a clear bell with one-half done in transparent red. This can be hung on a Christmas tree with the help of the cord included with the car. This car continues the popular series of festive themes from previous years.





## 48518 Märklin Magazin Annual Car in H0 for 2018

**Prototype:** Type Tad-u 961 four-axle dump car with a roof with hinged hatches. Privately owned car of the Märklin Magazin, Göppingen, used on the German Federal Railroad (DB). Brakeman's platforms included at the ends. The car looks as it did around 1990.

**Model:** All of the hinged hatches can be opened. Length over the buffers 13.3 cm / 5-1/4". DC wheel set E700280.

One-time series.



## 80828 Märklin Magazin Annual Car in Z Gauge for 2018

**Prototype:** Type Zans four-axle funnel-flow tank car. Privately owned car of the Märklin Magazin. The car looks as it did around 2018.

**Model:** The car body is made of highly detailed plastic and is finely imprinted. The car has black nickel-plated solid wheels. Length over the buffers 77.5 mm / 3-1/16".

One-time series.



# At a Speed of 300 down the Track



## 88715 ICE 3 406 MF High Speed Powered Rail Car Train



**Prototype:** German Railroad, Inc. (DB AG) class 406 InterCityExpress (ICE 3). Multiple system version for cross-border service. 1 type 406.0 end car, 1st class. 1 type 406.3 dining car. 1 type 406.8 intermediate car, 2nd class. 1 type 406.5 end car, 2nd class.



**Model:** The train is a 4-part unit. The intermediate car serving as a dining car has a new generation motor (motor with a bell-shaped armature). The air conditioning housings on the roof are modelled. Warm white and red LEDs are used for the headlights and marker lights that change over with the direction of travel. The two end cars and the 2nd class inter-



## 87715 ICE 3 406 MF Add-On Car Set 1

**Prototype:** 1 type 406.1 transformer car, 1st class, and 1 type 406.6 transformer car, 2nd class, both painted and lettered for the German Railroad, Inc. (DB AG).

**Model:** The set has 2 intermediate cars to add to the model of the ICE 3 powered rail car train (Märklin item number 88715 with 87716). Maintenance-free warm white LEDs are used for the lighting. The cars have

current-conducting special couplings and the models have been updated. Length 230 mm / 9-1/16".



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88715

mediate car have lighting with maintenance-free warm white LEDs. The train has new current-conducting couplings and car diaphragms for a prototypical close coupled train. The minimum radius for operation is 195 mm / 7-11/16".  
Train length 465 mm / 18-5/16".

The 87716 and 87715 add-on sets can be added to 88715 for a prototypical 8-part train consist.

**Highlights:**

- **Motor with a bell-shaped armature.**
- **Air conditioning housings modelled on the roof.**
- **New close couplings and car diaphragms.**



**87716 ICE 3 406 MF Add-On Car Set 2**

**Prototype:** 1 type 406.2 power converter car, 2nd class, and 1 type 406.7 power converter car, 2nd class, both painted and lettered for the German Railroad, Inc. (DB AG).

**Model:** The set has 2 intermediate cars to add to the model of the ICE 3 powered rail car train (Märklin item number 88715 with 87715). Maintenance-free warm white LEDs are used for the lighting. The cars have

current-conducting special couplings and the models have been updated. Length 230 mm / 9-1/16".



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⚠ This model is being produced in a one-time series only for the Märklin Dealer Initiative (MHI). 5 years warranty on all MHI/Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012. See page 31 for warranty terms, age information, and warnings.

# Motive Power with 360 HP



## 88771 Class 103 Diesel Locomotive

**Prototype:** East German State Railroad (DR) class 103 (former V 36) diesel locomotive in a green/red paint scheme in Era IV.

**Model:** The frame and body are largely constructed of metal. The locomotive has a motor with a bell-shaped armature. All axles powered. The

triple headlights and dual red marker lights change over with the direction of travel. Maintenance-free warm white LEDs are used for the lighting. The locomotive has a high level of detailing and includes a finely done extensive paint scheme and lettering. Length over the buffers approximately 42 mm / 1-5/8".

### Highlights:

- Motor with a bell-shaped armature.
- Warm white LED headlights.
- Frame and body constructed of metal.



## 82802 "DR" Hopper Car Set

**Prototype:** 5 German State Railroad (DR) type 00tu 6778 hopper cars, as they looked at the start of Era IV.

**Model:** The set has 5 type 00tu four-axle hopper cars. The car bodies are made of plastic and are prototypically lettered. The cars have close coupler hooks and solid wheels. Length over the buffers approximately 235 mm / 9-1/4".



82802

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