

**Fall New Items 2018**





## Come, see, be astonished:

Märklin opens the doors in Göppingen. Experience factory tours through the production area, the development and the construction progress of the new Märklineum, and special presentations. There is something for the whole family – **We look forward to your visit!**

# September 14 and 15, 2018 in Göppingen

**Mark your calendar now!**  
Current program information: [www.maerklin.de](http://www.maerklin.de)



Visit the **märklin** eum  
with its first completed construction phase,  
the new Märklin Store, and experience the  
class 44 as the impressive landmark in its  
new home station!



# märklin

## Open House

Admission to the factory from 9:00 AM - 4:00 PM  
Current program information: [www.maerklin.de](http://www.maerklin.de)

## Editorial



### Märklin Connects Generations

**Close your eyes for a moment** and briefly linger in this moment. Do you still remember **the light hum** when you turned the red control knob? A light, technical hum **that is not felt this way anywhere else**. An entire world got going with this hum, a world full of travel, full of adventure, and full of dreams. All of these beautiful and wonderful thoughts, connected with that first movement of your hand and with a small red control knob – **isn't it wonderful!** This heartwarming feeling has remained preserved across generations and at the same time is the real foundation for the future, because **Märklin connects generations.**

What applied in the past to the blue transformer has been perfected today in the Mobile Station or its big brother the Central Station: These control devices allow digital model fun that is extra class. The children of today will still remember them 30 years from now – just as people today like to remember the blue transformer of then and playing with Grandfather ...

This year's fall new items allow every age group to experience, discover, and above all play to their heart's content. What it means among other things a second time is **"Pull out the plug – put in the water – start up the diesel motor"**. You can read more about this on Page 6.

In addition to this perfect execution of the model, Märklin is bringing **other fascinating new items** out on the model railroad line. For example, the lovingly assembled branch line theme in Z Gauge or the fabulously detailed class 103 equipped with a new high-efficiency decoder as another variation.

To go with the upcoming Christmas period and in response to many requests we are again presenting this year a festively decorated steam locomotive in addition to the collector cars in Z and H0.

### Your Märklin Team

## Contents

"Track 1" Digital Starter Set .....	3
MHI Exclusiv H0 .....	4
H0 .....	8
International Model Railroading Day.....	11
H0 Accessories .....	12
MHI Exclusiv Z Gauge .....	14
Z Gauge .....	16
Z Gauge Building Kits .....	17
The Anticipation of Christmas .....	18
1 Gauge .....	20
1 Gauge Building Kits .....	23
CS3 App .....	24
Imprint .....	24

**New: the exclusive starter set for all beginners and people reentering the hobby – directly from our video spot “Track 1”.**

Digital Functions	CU	MS	MS 2	CS1	CS2-3
Headlight(s)					
Direct control					

**Experience the entire story starting October 17 at [www.maerklin.de/gleis1](http://www.maerklin.de/gleis1)**

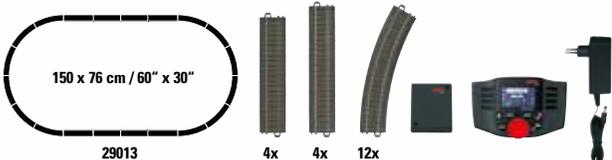


## 29013 “Track 1” Digital Starter Set

**Prototype:** German Federal Railroad (DB) class 74 tank locomotive with two standard design passenger cars, of them a type ABi “Donnerbüchse” / “Thunder Box”, 1st/2nd class, and a type Bi “Donnerbüchse” / “Thunder Box”, 2nd class.

**Model:** The locomotive has an mfx digital decoder and a special motor with a flywheel. 3 axles powered. Traction tires. The triple headlights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. The cars have close couplers with a guide mechanism. Train length approximately 45 cm / 17-3/4”.

**Contents:** 12 no. 24130 curved track, 4 no. 24188 straight track, and 4 no. 24172 straight track. A track connector box, a 230 volt / 36 VA switched mode power pack, and a Mobile Station are included. An illustrated instruction manual with many tips and ideas is included. This set can be expanded with the C Track extension sets and with the entire C Track program.



### Highlights:

- **The ideal entry into the digital world of Märklin HO.**
- **Automatic registration at the Mobile Station with the built-in mfx decoder.**
- **Easy-to-set-up C Track layout.**

*As long as supplies last!*



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)

# “Prairie Pony” with a Large Range



## 36249 Class 24 Steam Locomotive

This locomotive went into railroad history as a one of a kind of the brand new German Federal Railroad. Newly equipped with the tender of a class 50, this “Prairie Pony” went into service on the road in 1949 as an experimental locomotive with a much higher operating range.

**Prototype:** German Federal Railroad (DB) class 24 passenger steam locomotive with a type 2'2' T 26 tender from the class 50. In 1948, this locomotive was equipped with the larger tender for use at the Göttingen testing institute. This tender could clearly take on more water than the standard tender could. With its cab's back wall, it could run in reverse at speeds up to 80 km/h / 50 mph. Standard design locomotive with small, originally Wagner smoke deflectors. Locomotive road number 24 061. The locomotive looks as it did around 1950.

**Model:** The locomotive has an mfx digital decoder and extensive sound functions. It also has a special motor in the boiler. 3 axles powered. Traction tires. The boiler is constructed of metal. The locomotive comes with a factory-installed 72270 smoke unit. The dual headlights change over with the direction of travel. They and the built-in smoke unit will work in conventional operation and can be controlled digitally. Maintenance-free, warm white LEDs are used for the lighting. There is a close coupling with a guide mechanism between the locomotive and the tender. There is a close coupler with an NEM pocket and a guide mechanism on the rear of the tender. There is a close coupler in an NEM pocket on the front of the locomotive. The tender comes from the class 50. Figures of an engineer and a fireman are included. Length over the buffers 19.4 cm / 7-5/8”.

### Highlights:

- **Detailed, affordable beginner's model.**
- **Factory-installed smoke unit.**
- **Figures of an engineer and a fireman included.**

One-time series.



Digital Functions	CU	MS	MS 2	CS1	CS2-3
Headlight(s)					
Smoke generator					
Steam locomotive op. sounds					
Locomotive whistle					
Direct control					
Sound of squealing brakes off					
Bell					
Whistle for switching maneuver					
Letting off Steam					
Air Pump					
Sound of coal being shoveled					
Grate Shaken					
Injectors					
Generator Sounds					

*Type 2'2' T 26 tender from the class 50 included*

Locomotive engineer and fireman figures included with the locomotive



Locomotives for branch line service were not initially included in the DRG's standardized type program because the acquisition of new main line locomotives enjoyed a priority. New construction of the classes 24 (with a tender), 64, and 86 branch line units was not decided until later. The first 17 units of the class 24 were delivered in 1928 by Schichau (24 001-010) and Linke-Hofmann (24 031-037). A year later 69 units of these 90 km/h / 56 mph fast and 900 horsepower locomotives were already running in the districts of Stuttgart, Stettin, Schwerin, Regensburg, and Münster. The class 24 was in many ways similar in construction to the class 64 2-6-2T tank locomotive. The boiler placed well to the front due to the more favorable weight distribution was striking. This caused the smokestack to be offset from the cylinders compared to the other standard design locomotives. The last of the 95 units

of the class 24 were not taken until 1940. At the end of the Thirties most of these locomotives went to East Prussia and ran there on long branch lines. This resulted in their nickname "Prairie Pony". It was thus no wonder that after World War II almost half of the class 24 remained outside of the two German states. The later German Federal Railroad had 42 units overhauled. One conversion after the war attracted particular attention: The Testing Institute (PA) for Locomotives and Powered Railcars in Göttingen was looking for a lightweight passenger locomotive in 1948 for test runs. The PA struck it rich in Husum with road number 24 061 stored there. During a main overhaul it was given a four-axle type 2'2' T 26 tender instead of the usual three-axle tender to extend its operating range. Starting in March of 1949, this locomotive (length over the buffers 19,380 mm / 63 feet 6 inches, weight

107 metric tons) was used for testing and gave marvelous results. Praise was given above all to the locomotive's smooth running which was also due to the four-axle tender. In August of 1953, this unit had to go back into regular service. This one of a kind was retired in November of 1962 at Lübeck. The use of the class 24 locomotives on the DB concentrated in the North and chiefly in the Western part of the country. Rail busses and new diesel locomotives made life for the locomotives in passenger service increasingly harder with the beginning of the Sixties. As early as 1965 and 1966 the last five units were therefore put into storage at the railroad maintenance facilities in Rahden and Rheydt. The retirement of road number 24 067 by the railroad maintenance facility in Rheydt on August 19, 1966 effectively ended this chapter on the DB.

The 4-axle type 2'2' T 26 was a guarantee in the prototype for smooth operation



© Bellingrodt-EK Verlag

# Power House under Steam!



## 36433 Class 232 Diesel Locomotive

The legend of heavy freight service is modelling exhaust gas emission just like the prototype. With a large water tank, running and stopping this locomotive “under steam” on long routes is a real delight. The Piezo vaporizer concealed inside makes this possible. It can be controlled in **3 steps: minimum exhaust – running operation – maximum exhaust.**

**Prototype:** DB AG class 232 diesel locomotive, nicknamed “Ludmilla”. C-C wheel arrangement, built starting in 1974 in the USSR for the German State Railroad. Use: heavy passenger and freight trains. Era VI.

**Model:** The locomotive model has exhaust gas emission with a Piezo vaporizer that can be controlled digitally in three steps (operation with distilled water). The locomotive has an mfx digital decoder and extensive sound functions. It is authentically weathered and is constructed of metal. 4 axles powered. Traction tires. The triple headlights and dual red marker lights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. Maintenance-free, warm white and red LEDs are used for the lighting.

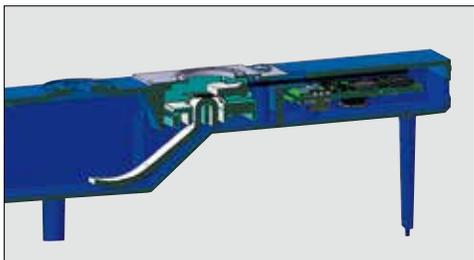
Length over the buffers 23.9 cm / 9-3/8”.

Filler pipette included.

### Highlights:

- Piezo vaporizer that can be controlled digitally in three steps.
- Authentically weathered.
- Locomotive includes a multi-protocol decoder.

Built-in with refinement, the new Piezo vaporizer with a large water tank



One-time series.



*Cold water-based smoke unit that can be controlled digitally in 3 steps*  
*Large water tank for a large range of running “under steam”*  
*Authentically weathered*

The Piezo vaporizer in use

Digital Functions	CU	MS	MS 2	CS 1	CS 2-3
Headlight(s)					
Smoke generator contact					
Diesel locomotive op. sounds					
Horn					
Direct control					
Sound of squealing brakes off					
Headlight(s): Cab2 End					
High Pitch Horn					
Headlight(s): Cab1 End					
Sanding					
Whistle for switching maneuver					
Horn					
Station Announcements					
Sound of Couplers Engaging					
Switching maneuver					
Letting off Air					





## 47810 Container Transport Car Set

**Prototype:** A type Sggrs 733.2 6-axle double container transport car with articulation and two type Sgns 691 4-axle container transport cars. "Traffic Red" basic paint scheme. German Railroad, Inc. (DB AG). Transport cars loaded with 20-ft. and 40-ft. box containers as well as a 20-ft. tank container for various firms. The cars look as they did in Era VI.

**Model:** The transport cars have prototypical partially open floors constructed of metal, including striking fish belly type side sills. All of the cars have type Y 25 trucks. The transport car halves of the double container transport car are articulated and rest on the center truck. The double container transport car has hinged walkover plates on the upper side of the transport car floor above the center truck in the articulation area. The restraint stanchions on the ends of the cars and the switching hooks are separately applied. The cars are loaded with removable 20-ft. and 40-ft. box containers as well as a 20-ft. tank container for various firms. The transport cars and the containers have different car and registration numbers as well as weathering. Total length over the buffers 76.5 cm / 30-1/8". DC wheelset E700580.

### Highlights:

- ✦ **Transport cars and containers include different car and registration numbers.**
- ✦ **Transport cars and containers include weathering.**
- ✦ **Ideal cars for unit container trains.**
- ✦ **Containers are removable and can be stacked.**

The class 232 diesel locomotive to go with this set is offered under item number 36433, also exclusively for the MHI.

One-time series.



*The specialists in freight service realized in perfect weathering*



47810

36433

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)



### 39568 Class Ce 6/8 III "Crocodile" Electric Locomotive

**Prototype:** Swiss Federal Railways (SBB) class Ce 6/8 III "Crocodile" freight locomotive. Dark brown basic paint scheme. Design from the second production series. Locomotive road number 14314. The locomotive looks as it did at the beginning of the Thirties.

**Model:** The locomotive has an mfx+ digital decoder and extensive sound and light functions. It also has controlled high-efficiency propulsion. 3axles and jackshaft powered. Traction tires. The triple headlights and 1 white marker light (Swiss headlight / marker light code) change over with the direction of travel, will work in conventional operation, and can be controlled digitally. When the locomotive is running "light" the lighting can be changed to 1 red marker light. Maintenance-free warm white and red LEDs are used for the lighting. The locomotive frame is articulated to enable the locomotive to negotiate sharp curves. The metal locomotive body comes in 3 parts with hoods that swing out separately. The roof equipment is detailed. Length over the buffers 23 cm / 9-1/16".

**Highlights:**

- **Heavy metal construction.**
- **World of Operation mfx+ digital decoder and extensive sound and light functions included.**

Digital Functions	CU	MS	MS 2	CS 1	CS 2-3	CS 2-3
Headlight(s)						Compressor
Marker light(s)						Switching maneuver
Electric locomotive op. sounds						
Locomotive whistle						
Direct control						
Sound of squealing brakes off						
Main Relay						
Whistle for switching maneuver						
Operating sounds						
Sound of Couplers Engaging						
Blower motors						
Pantograph Sounds						
Sanding						
Rail Joints						
Letting off Air						
Conductor's Whistle						





### 36644 Class 186 Electric Locomotive



#### Highlights:

- Locomotive includes a wide variety of light and sound functions.
- Metal body for the locomotive.
- 4 mechanically working pantographs.

Delivery scheduled for 2019.

Digital Functions	CU	MS	MS 2	CS 1	CS 2-3
Headlight(s)					
Operating Sounds 1					
Electric locomotive op. sounds					
Horn					
Direct control					
Sound of squealing brakes off					
Headlight(s): Cab2 End					
Whistle for switching maneuver					
Headlight(s): Cab1 End					
Sound of Couplers Engaging					
Operating Sounds 2					
Letting off Air					
Blower motors					
Conductor's Whistle					
Surrounding sounds					

On May 3, 2017, the railroad firm Lineas, formerly B Logistics, presented its first locomotive of the Lineas fleet in the new design with the typical Railpool blue on the roof vents. In the meantime, Lineas has connected destinations in France, Germany, the Netherlands, and naturally Belgium with the slogan "Your Freight Force".

**Prototype:** Railpool class 186 TRAXX Family electric locomotive, leased to Lineas. Era VI. The locomotive looks as it currently does in real life.

**Model:** The locomotive has a multi-protocol digital decoder and extensive sound functions. It also has a special motor, centrally mounted. 4 axles powered through cardan shafts. Traction tires. The triple headlights and dual red marker lights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. The headlights at Locomotive Ends 2 and 1 can be turned off separately in digital operation. When the headlights at both ends of the locomotive are turned off, then there is a double "A" light function at both ends. Warm white and red LEDs are used for the lighting. The locomotive has 4 mechanically working pantographs that are not wired to take power. Length over the buffers 21.7 cm / 8-1/2".



The color field to make you smile





## 46874 "Telescoping Covers Car" Freight Car Set

**Prototype:** Three different Belgian State Railroad (SNCB/NMBS) type Shimmns four-axle telescoping covers cars. Brown basic paint scheme.

**Model:** All of the cars have fixed end walls and three telescoping covers. The cars' interiors have five load cradles with adjustable restraint arms. Three coils are included for each car. The cars have type Y 25 trucks. All of the cars have different car numbers and are individually packaged. There is also a master package. Length over the buffers per car approximately 13.8 cm / 5-7/16". DC wheelset E700580.

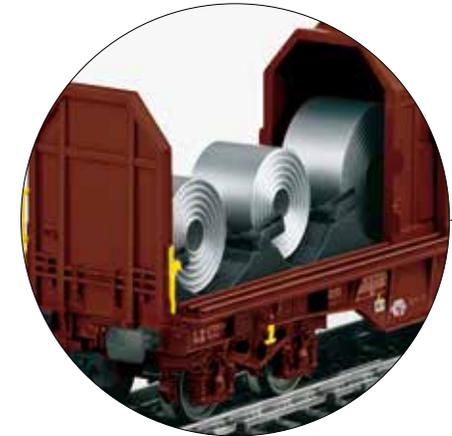
### Highlights:

➤ **Three coils included for each car as a load.**

Delivery scheduled for 2019.

A diesel locomotive to go with this car set can be found in the Märklin H0 assortment under item number 37277.

A freight car set to go with this car set can be found in the Märklin H0 assortment under item number 46873.



*All of the cars have new car numbers*

A great set with great play value



46874

46873

37277



## Model Railroading Day

2. December

### A Good Idea Grows Continuously

There is no better time to experience a model railroading day than before Christmas. For generations this time has been set aside for this beautiful hobby. A cooperative group of model railroad associations, manufacturers, clubs, and publishers has been formed at the initiative of Hagen von Ortloff – known from the SWR TV series Railroad Romanticism. All of the players in this group want just one thing: to celebrate in an appropriate manner the most beautiful hobby in the world – model railroading – and to inspire people for this hobby. Many clubs will open their doors around December 2 and all over the world, many model railroads will go into operation. Promotions revolving around the hobby of model railroading will take place all over Germany, even all over Europe.

Be part of it! Experience an unforgettable day with your family.

Get information about promotions and events near you at

[www.tag-der-modelleisenbahn.de](http://www.tag-der-modelleisenbahn.de)



## 44240 Refrigerator Car – International Model Railroading Day 2018

**Prototype:** Privately owned car painted and lettered for the International Model Railroading Day on December 2.

**Model:** The sides of the car are imprinted differently.

The car has Relex couplers.

Length over the buffers 11.5 cm / 4-1/2". DC wheel set E700580.



## 46620 „Frankenzucker“ Silo Container Car

**Prototype:** “Frankenzucker” type Kds 54 privately owned car used on the German Federal Railroad (DB). Car with 2 chambers for fine-grained freight, authorized for foodstuffs.

**Model:** The car is authentically painted and lettered for Era III. It has a close coupler mechanism. The lines and steps are separately applied.

Length over the buffers 10.0 cm / 3-1/8".

DC wheelset E700580. Trix Express wheelset E33 3578 11.



Left  
car side



Right  
car side



# Accessories



## 72709 Building Kit of the "Rottweil" Locomotive Shed

**Prototype:** Locomotive shed for steam and diesel locomotives in Rottweil.

**Model:** This kit is a 3-stall locomotive shed that can be built one next to each other and one behind each other. Four (4) each of this kit are required to build a scale model of the "Rottweil" locomotive shed (2 each next to each other and 2 each to lengthen the structure). The workshop side building is included for the prototypical structure (prototypical with 5 locomotive stalls and built-on workshop). A possible option is a 6-stall structure without a workshop. Mechanically opening and closing doors are included. Servomotors (not included with the kit) can be installed to open the doors. The center-to-center track spacing fits the 7294, 72941 transfer tables. This kit consists of colored architectural-quality hard cardstock, laser-cut. The kits features the finest, laser-engraved details. Extensive instructions for building the kit are included.

Dimensions of the 3-stall locomotive shed (L x B x H):  
308 x 233 x 118 mm / 12-1/8" x 9-3/16" x 4-5/8".

### Highlights:

- ✔ Suitable for many eras.
- ✔ Intricate, detailed model.
- ✔ Goes with the 7294, 72941 transfer tables.



### 72709

Rottweil 3-stall locomotive shed  
308 x 233 mm / 12-1/8" x 9-3/16"



A current explanation of the symbols can be found on the Internet at [www.maerklin.de](http://www.maerklin.de)



## 72706 Building Kit of the "Raiffeisen Warehouse with Market"

**Prototype:** The prototype stands in Eckartshausen near Crailsheim, right in front of the station, and it still had a track siding up to the mid-Nineties. It now belongs to the BAG Hohenlohe (formerly Velag, United Farming Coop).

**Model:** This kit is an intricate and extremely detailed laser-cut model that fits together precisely and that has numerous details. The model's frame, inner area, and superstructure consist of graphics cardstock in different prototypical colors. Window material is included with the model. The separation points are pre-marked so that optional slopes or flat set-up positions reduced in height can be easily realized. Both building parts can also be placed separately. Extensive instructions for building the kit are included. Dimensions of the model warehouse:

L x W x H approximately 320 x 162 x 223 mm / 12-5/8" x 6-3/8" x 8-3/4".

Dimensions of the model market hall:

L x W x H approximately 386 x 164 x 98 mm / 15-3/16" x 6-7/16" x 3-7/8".

### Highlights:

- Suitable for many eras.
- Intricate, detailed model.
- Separation points pre-marked.
- Easy assembly.
- Both buildings can be placed separately.

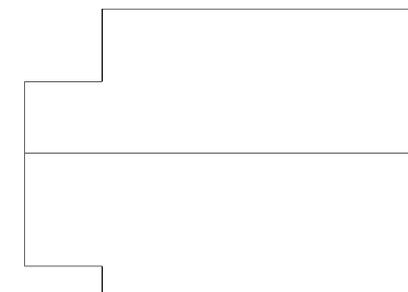
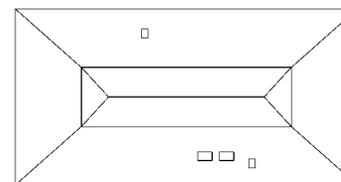
### 72706

Raiffeisen warehouse with market

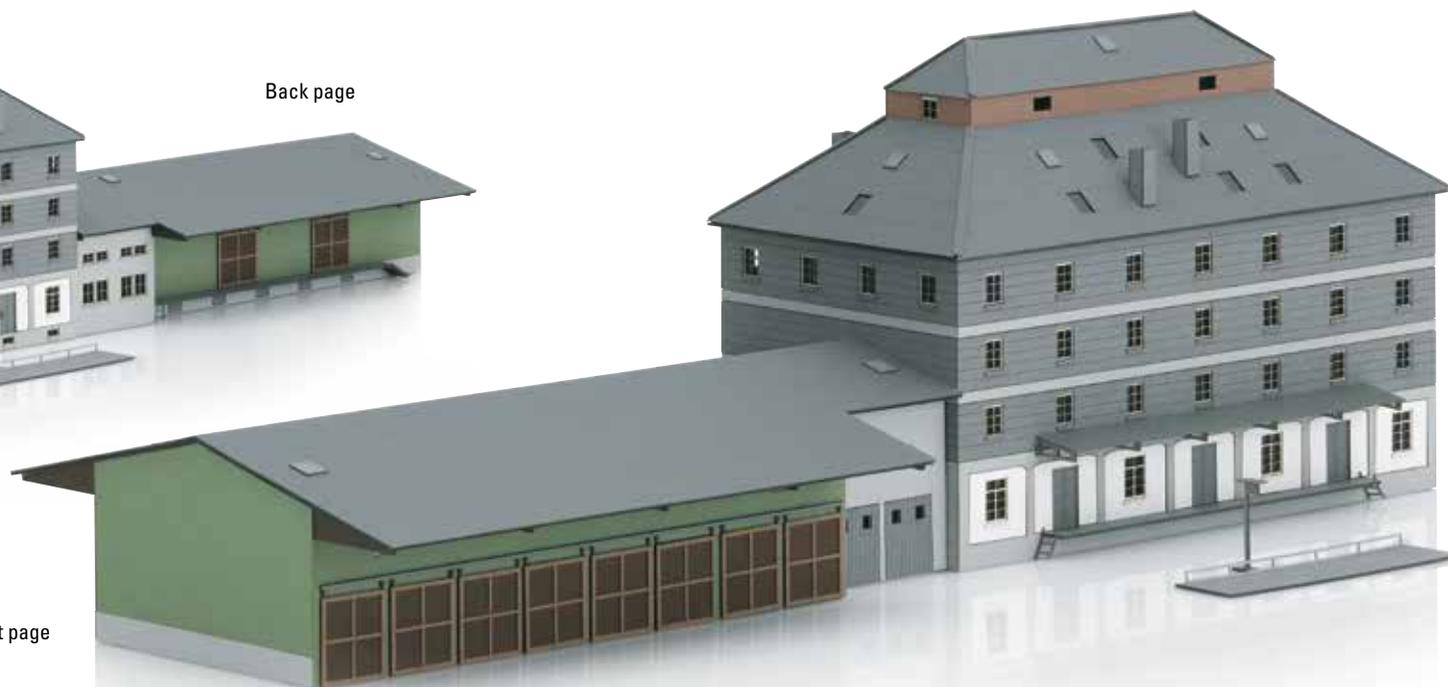
Warehouse building with market  
386 x 164 mm / 15-3/16" x 6-7/16"

Raiffeisen building

320 x 162 mm / 12-5/8" x 6-3/8"



Back page



Front page

# 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".





## 89703 Building Kit of the "Eckartshausen-Ilshofen" Station

**Prototype:** "Eckartshausen-Ilshofen" Station. The more than 150-year-old former Württemberg standard design station constructed of sandstone is on the 34 km / 21 mile long rail line from Crailsheim to Heilbronn. This station has been most recently used for RB (Regional Passenger) and RE (Regional Express) trains and was put into operation in 1867. It is currently under historic preservation.

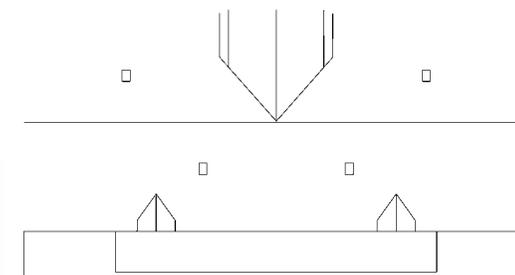
**Model:** This kit is a very intricate, extremely detailed laser-cut model that fits together precisely and that has numerous details. The model's frame, inner area, and superstructure consist of graphics cardstock. Window material is included with the model. The kit comes ready for the construction of 2 different stations (Eckartshausen-Ilshofen and Sulzdorf). Extensive instructions for building the kit are included. Dimensions of the model: L x W x H approximately 110 x 44 x 55 mm / 4-5/16" x 1-3/4" x 2-1/8" (dimensions for Eckartshausen-Ilshofen).

### Highlights:

- Suitable for many eras (I-V).
- Intricate, detailed model.
- 2 different stations can be built.

### 89703

Eckartshausen-Ilshofen Station  
110 x 44 mm / 4-5/16" x 1-3/4"



Front page



Back page



## 89705 Building Kit of the "Raiffeisen Warehouse with Market"

**Prototype:** The prototype stands in Eckartshausen near Crailsheim, right in front of the station, and it still had a track siding up to the mid-Nineties. It now belongs to the BAG Hohenlohe (formerly Velag, United Farming Coop).

**Model:** This kit is an intricate and extremely detailed laser-cut model that fits together precisely and that has numerous details. The model's frame, inner area, and superstructure consist of graphics cardstock in different prototypical colors. Window material is included with the model. The separation points are pre-marked so that optional slopes or flat set-up positions reduced in height can be easily realized. Both building parts can also be placed separately. Extensive instructions for building the kit are included.

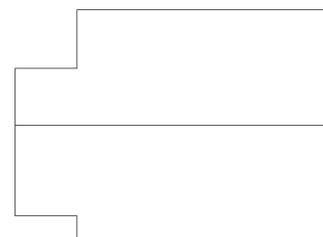
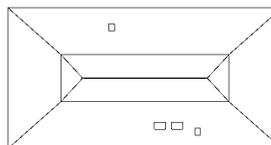
Dimensions of the model warehouse:  
L x W x H approximately 127 x 64 x 82 mm / 5" x 2-1/2" x 3-1/4".  
Dimensions of the model market hall:  
L x W x H approximately 153 x 65 x 39 mm / 6" x 2-9/16" x 1-1/2".

### 89705

Raiffeisen Warehouse with Market

Warehouse Building with Market  
153 x 65 mm / 6" x 2-9/16"

Raiffeisen Building  
127 x 64 mm / 5" x 2-1/2"



### Highlights:

- Suitable for many eras.
- Intricate, detailed model.
- Separation points pre-marked.
- Easy assembly.
- Both buildings can be placed separately.
- Goes with 89703.



Back page



Front page

# The Anticipation of Christmas



## 39006 Class 01 Steam Locomotive

A great gift idea for Christmas: In the Fifties and Sixties steam locomotives adorned with appropriate lettering often received their passengers at stations at Christmastime or Easter. Now there are also Christmas greetings as a genuine model steam locomotive in a clear Acrylic display case. The class 01 steam locomotive with its Christmas greetings and the lighted Christmas tree on the buffer beam offers a special attraction. As a special highlight, the locomotive also whistles "Süßer die Glocken nie klingen" / "The bells never ring sweeter" and "Ihr Kinderlein kommet" / "Come all ye children".

**Prototype:** German Federal Railroad (DB) class 01 steam locomotive. Type 2'2'T34 coal tender, older design boiler, and Witte smoke deflectors included.

**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. 3 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 will work in conventional operation and can be controlled digitally. The locomotive has firebox flickering that can also be controlled digitally. Maintenance-free warm white LEDs are used for the lighting. The special light function is a Christmas tree with LED lighting that can be controlled digitally. As a special sound function, the locomotive whistles, "Süßer die Glocken nie klingen" / "The bells never ring sweeter" and "Ihr Kinderlein kommet" / "Come all ye children". The tender has a guide mechanism and a close coupler with an NEM pocket. Protective piston sleeves, brake hoses, and figures of a locomotive engineer and a fireman are included. The minimum radius for operation is 360 mm / 14-3/16". Length over the buffers 27.5 cm / 10-13/16".



The lighted Christmas tree as a special light function

### Highlights:

- The special gift idea for Christmas.
- With LED lighting.
- "Süßer die Glocken nie klingen" / "The bells never ring sweeter" and "Ihr Kinderlein kommet" / "Come all ye children" steam locomotive composition.
- Tender decorated for Christmas.
- High quality gift packaging.



This model is being presented with a display case made of clear Acrylic. The base has a metal plate with the lettering in German "Merry Christmas".

Digital Functions	CU	MS	MS 2	CS 1	CS 2-3
Headlight(s)					
Smoke generator contact					
Steam locomotive op. sounds					
Locomotive whistle					
Direct control					
Sound of squealing brakes off					
Flickering Light in Fire Box					
Whistle for switching maneuver					
Special light function					
Letting off Steam					
Tipping grate					
Air Pump					
Injectors					
Conductor's Whistle					
Special sound function					
Special sound function					





## 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.



# A Powerful Presence!



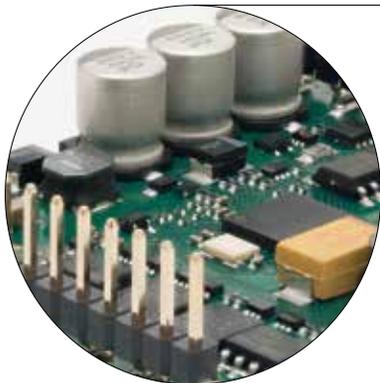
## 55107 Class 103.1 Electric Locomotive

As the first model in 1 Gauge, the DB's showpiece is being equipped with the new more powerful Märklin large railroad decoder. With up to 32 functions, a current buffer, and excellent sound, this class 103 represents a new milestone in precision and operating enjoyment.

**Prototype:** German Federal Railroad (DB) class 103.1 express locomotive as it looked in Era IV. Regular production version with double-arm pantographs and a double row of side vents, buffer cladding, end skirting, etc. Road number 103 149-1, Munich District, Munich Main Station maintenance facility.

**Model:** In many details, this is a redesigned model. The locomotive's frame and the side frames on the trucks are constructed of metal. The body is prototypically divided into parts and is constructed chiefly of metal. The locomotive has a newly developed mfx digital decoder with 32 functions, fine motor control, and a current buffer. The locomotive can be operated with AC power, DC power, and Märklin Digital. The double-arm pantographs can be raised and lowered with servomotors in digital operation. The locomotive has many sound functions such as multi-stop announcements, various dialogs including announcements. The minimum radius for operation 1,020 mm / 40-3/8". Length over the buffers 60.9 cm / 24".

A look inside the new decoder: Simple light and sound combinations up to entire combination procedures can be calibrated with the totally new mapping

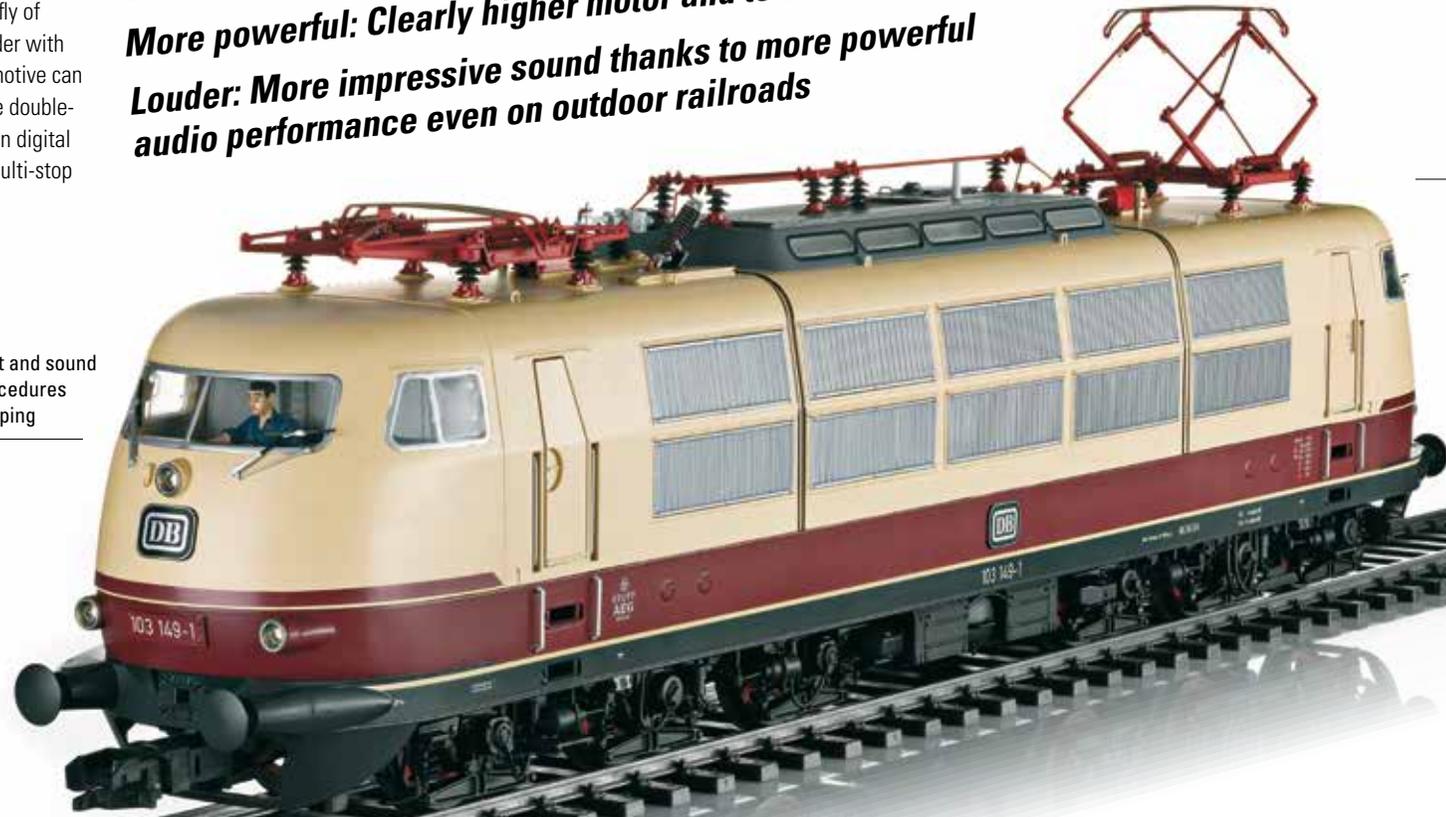


### Highlights:

- **Newly developed decoder generation with a current buffer and 32 functions.**
- **Powerful all-wheel propulsion by means of a centrally mounted motor and cardan shafts.**
- **Pantograph mechanisms on both ends that can be controlled in digital operation.**

**Faster: High-performance decoder with a 32-bit processor for up to 32 digital functions**  
**More powerful: Clearly higher motor and total current performance**  
**Louder: More impressive sound thanks to more powerful audio performance even on outdoor railroads**

Digital Functions	CU	MS	MS2	CS1	CS2-3	CS2-3
Headlight(s)						Station Announcements
Engineer's cab lighting						Letting off Air
Electric locomotive op. sounds						Blower motors
Telex coupler on the front						Station Announcements
Telex coupler on the rear						Train announcement
Locomotive whistle						Conductor
Pantograph 1						Train announcement
Pantograph 2						Dialog
Direct control						Dialog
Sound of squealing brakes off						Conductor's Whistle
Whistle for switching maneuver						Warning announcement
Front Headlights off						Special Function
Rear Headlights off						Main Relay
Compressor						Doors Closing
Station Announcements						Special sound function
Station Announcements						Surrounding sounds



A current explanation of the symbols can be found on the Internet at [www.maerklin.de](http://www.maerklin.de)

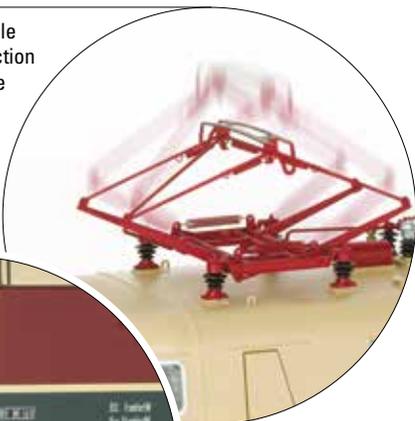
After delivery of four test locomotives for the new class E 03 (starting in 1968: 103.0) in 1965, regular production was taken up starting in 1969 for the InterCity service (IC 71) planned to start in 1971, but with a new specification sheet. The loads for TEE and IC trains at 200 km/h / 125 mph increased from 300 to 480 metric tons and 800-ton ordinary express trains (D-Züge) were still expected to run at 160 km/h / 100 mph. On the 145 production locomotives – now designated as the class 103.1 – the basic design of the locomotive with the bridge frame, body consisting of five segments, and the three-axle trucks was focused on the prototypes. The same end shape could also be taken from the test locomotives. Externally, the most striking thing was the doubling of ventilation inlet openings by a second, five-part row of vent grills in the lower half of the side walls, caused by a greater cooling air supply due to the locomotives' increased performance. With a main transformer adjusted for maximum performance (continuous tractive performance of 6,250 kilovolt amps / 8,378 horsepower) and extremely beefed-up type WBM 368/17f lightweight traction motors with a continuous rating of 1,240 kilowatts / 1,662 horsepower, the result was a full increase in performance of 25.3% compared to the pro-

totypes – all total an impressive 7,440 kilowatts or 10,116 horsepower. The last thirty units (road numbers 103 216-245) were given a 700 mm / 27-1/2 inch extension in the frame with enlarged cabs in order to realize the expansion of the cabs urgently requested by the crews. After delivery in the years 1970 to 1974, the class 103.1 units immediately took over the new IC trains as well as of course the prestigious TEE trains that had even been partially integrated into the new IC network.

In the beginning the production locomotives up to road number 103 215 were equipped with type DBS 54a two double arm pantographs with type WB 15 Wanisch contact strips as well as upper arm dampers. These special type units were designed for 200 km/h / 125 mph but did not turn out particularly well long term and caused catenary damage in the DB network as well as that of the ÖBB. It was assumed that the cause was contact pressure above the permissible 120 kilo newton. An interim solution was

initially just a partial exchange with the standard type DBS 54 with a standard contact strip, all of it designed for a maximum of 160 km/h / 100 mph. By contrast, the last 30 units (road numbers 103 216-245) came from the builder with the type SBS 65 single arm pantograph that had been developed in the meantime. Now road numbers 103 101-215 should also have been equipped with these single arm pantographs, but the industry could not deliver such a quantity under such short notice. The DB thus decided on an unconventional path and had the "old" DBS 54 and the still present DBS 54a units of the first production locomotives replaced starting in 1975/76 by the type SBS 65 single arm pantograph that was just being delivered on the class 111 that was only 150 km/h / 94 mph fast. Several class 103 units were also equipped with the further developed type SBS 67 that differed from the SBS 65 only in a wider spacing of the contact strips (400 instead of 350 mm / 15-3/4" instead of 13-3/4").

The pantographs adjustable in height and the reproduction of the springs between the axle bearings and the truck or the freestanding coil springs are only 3 examples of perfect execution



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# Faster by Rail



## 58904 Type V 23 Interchange Design Livestock Car

**Prototype:** Type V 23 Interchange Design livestock car (former type V Hamburg and V Altona) without a brakeman's platform for transporting livestock. The car looks as it did in Era III on the German Federal Railroad, car number 330 154.

**Model:** The car is made of plastic and is finely detailed with modelling of the brake system, brakeman's steps, brakeman's grab irons, etc. Reproduction prototype couplers are included with the car. The minimum radius for operation is 600 mm / 23-5/8". Length over the buffers 28.7 cm / 11-5/16".



## 58709 Type Sgjs 716 Multi-Use Container Transport Car

**Prototype:** German Federal Railroad (DB) type Sgjs 716 loaded with 20-ft. box containers for the Hamburg South Shipping Company located in Hamburg. Car number 31 80 443 7 583-6.

**Model:** The four-axle flat car has stakes on the sides that can be turned down. The car is loaded with three 20-ft. containers. All of the containers can be removed. The doors on one end of the containers can be opened. The car's frame is constructed mostly of metal. The car has hinged drive-over plates. It also has solid wheels. The minimum radius for operation is 1,020 mm / 40-3/8". Length over the buffers 65.5 cm / 25-3/4".

### Highlights:

- Containers are removable.





### 58225 Type E 040 High Side Gondola

**Prototype:** 1 type E high side gondola for the transport of freight not sensitive to moisture. The car looks as it did in Era IV on the German Federal Railroad around 1970. Car number 01 80 507 8 814-2.

**Model:** The car frame and body are made of plastic. The car has many separately applied details and sprung buffers. It has a load of real rolls of wire and prototype couplers are included. The minimum radius for operation is 1,020 mm / 40-3/8". Length over the buffers 31.5 cm / 12-3/8".

**Highlights:**

- Freight load of rolls of wire.
- Prototype couplers included.

*Freight load of rolls of wire*



### 56159 Kit for Two Railroad Telephone Booths

**Prototype:** Corrugated sheet metal railroad telephone booths as could be seen for many decades and even still in isolated examples today near rail lines.

**Model:** This model consists of 2 kits for a railroad telephone booth as constructed of corrugated sheet metal. The booths are intricate laser-cut models that fit together precisely and that are easy to build (ideal for beginners). The base and small parts are made of graphics cardstock and the corrugated sheet metal superstructure is made of photographic cardstock. Wood glues available in hobby shops and home improvement centers can be used to cement the kits together.

Dimensions for each booth approximately 35 x 35 x 70 mm / 1-3/8" x 1-3/8" x 2-3/4".

**Highlights:**

- Suitable for many eras (II-VI).
- Intricate model.
- Easy to build model, also perfect for beginners.

*Easy to build model,  
also perfect for beginners*



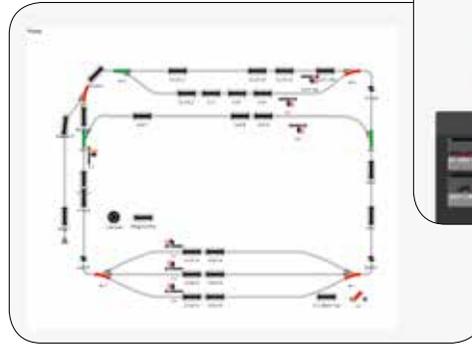
# CS 3 WebApp – Please Test Diligently

With the new CS 3 update and the Märklin CS 3 Web App, you can now control your track operations to your hearts content. Whether by means of a touchscreen monitor, a PC, a Smartphone, or a Tablet you can now have other locomotives run parallel on a rail line in addition to the CS 3. The old mirroring of the Central Station is in the past – Now you can also control your entire layout portably. Complete information can be found in the Update Information CS 3, Version 1.3.3. at [www.maerklin.de/de/service/downloads/cs3-updates/](http://www.maerklin.de/de/service/downloads/cs3-updates/)

Total Overview



Control at the Track Diagram



Locomotive Control



- ✓ **Browser based and completely updated user interface**
- ✓ **Multi-locomotive control in addition to the locomotive control on the CS 3**
- ✓ **Real multi-locomotive operation – No mirroring of the Central Station on the mobile device**
- ✓ **Whether turnouts or signals – All solenoid elements can be controlled portably**

The new Märklin CS 3 Web App is available to you in a Beta version.

Please let us know your ideas, improvements, or anomalies at [service@maerklin.de](mailto:service@maerklin.de).

## Browser Compatibility:

-  Microsoft Edge
-  Google Chrome
-  Firefox
-  Opera
-  Apple Safari

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[www.maerklin.de](http://www.maerklin.de)

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## Model Railroading Day

2. December

On December 2, 2018 –  
International Model Railroading Day

Get information about promotions  
and events near you at  
[www.tag-der-modeleisenbahn.de](http://www.tag-der-modeleisenbahn.de)

Refrigerator Car – International  
Model Railroading Day 2018  
see page 11

# Open House Day

On September 14 and 15, 2018  
from 9:00 AM to 5:00 PM  
Current program information:  
[www.maerklin.de](http://www.maerklin.de)