

# märklin

## INSIDER CLUB news

THE MAGAZINE FOR CLUB MEMBERS

01.2020

# H0 Club model 2020: The legendary TEE Ram 501



### **TECHNICAL HIGHLIGHTS**

Club models: TEE “Edelweiss” in H0 and class 41 in Z  
In detail: All about the Club annual cars for 2020

### **CLUB INTERNAL**

Knowing more: Seminar dates first half-year  
Exclusive: Krupp flat-bed truck with tarpaulin

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**The H0 Club model for 2020: The prestigious TEE RAM 501 will be a cracker – thanks to true scale proportions, weighty metal design, its fine detailing and its sound and lighting functions.**

# Dear Märklin Insiders,

First of all, a big thank you to all Club members who shared the Youtube- and landing page link of our model railroad beginners campaign “Tortenschlacht” and motivated interested people with it. By doing this you have contributed to our great success and it is highly gratifying to see committed professional railroad staff support our approach of connecting generations via the hobby of model railroading. Equally positive was the response to our Märklin Z Fine-casting Edition. With its manufacturing concept, it underlines the Mini-Club's claim to be more than just something special in precision technology: With innovative production technology, detailed gems are created from visibly valuable metals by careful craftsmanship. And of course the limited production series models will run.

Now the focus is on the model railway year 2020, which initially brings the industry together at the International Toy Fair. Märklin has again worked out a varied, sophisticated and balanced assortment in terms of traction - in mid-January a link to the 2020 New Products Brochure was already sent to Club members by e-mail. Of course, the Club models 2020 will also be presented in Nuremberg, and you will find everything you need to know about them in the current issue: The true-to-scale construction of the four-car TEE RAM 501 in H0, the high-quality metal design, its digital functions as well as coloring and printing will be explained. We also inform you in detail about the 2020 Z-gauge Club model, 41 356 with new boiler and oil tender. And finally, as many are eagerly awaiting at the beginning of the year, the 2020 annual car will be in the spotlight. So “Curtain up!” – and enjoy reading your Club News!



Sincerely,

**FLORIAN SIEBER**  
Managing Director, Gebr. Märklin & Cie. GmbH

## YOUR SERVICE NUMBERS

### CUSTOMER SERVICE

#### Club hotline

Telephone Monday - Friday  
from 1 pm to 5 pm  
Tel.: +49 (0) 71 61/6 08-2 13  
Fax: +49 (0) 71 61/6 08-3 08  
E-mail: [insider-club@maerklin.com](mailto:insider-club@maerklin.com)  
Post address: Märklin Insider Club,  
Postfach 960, 73009 Göppingen, Germany

The Club hotline is the central contact point for:

- /// Technical questions about Märklin products
- /// Information on current events at Märklin
- /// Seeking spare parts
- /// Enquiries on the status of an item sent in for repair

#### Internet

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

#### Are you moving?

Please inform us in good time of your new address so we will know where we can reach you. A simple application to the post office to forward mail is unfortunately not enough. Thanks for your cooperation!

## MASTHEAD

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In the Club mailing 01/2020 you will find the following enclosures: Märklin Insider News 01/2020, Märklin Magazin 01/2020, Märklin New Products Brochure 2020, Order form for the annual car 2020.

**CLUB YEAR AND EXHIBITIONS**

# Club schedule 2020

**A**fter the International Toy Fair (January 29 to February 2, 2020), the Faszination Modellbahn in Mannheim (March 13 to 15, 2020, info: [www.faszination-modellbahn.com](http://www.faszination-modellbahn.com)) will be the first public exhibition in the calendar – followed by Intermodellbau Dortmund from April 23 to 26, 2020 (see below), where the club team will welcome you. This is followed in September by the Märklin Open Days (September 18-19, 2020) in Göppingen.

In the Club year 2020 there will again be six club mailings (see table). The respective Märklin Magazine and Club News, new products brochures and annual DVDs will be sent out. The order form for the full 2020/2021 catalog will be enclosed with the mailing at the beginning of June. If you have misplaced one of the order forms for the exclusive models, ask the Club team to send you a replacement, or contact your Märklin MHI dealer, who can use your Club card to place the order. Both methods are also available to those who have just joined the Club. 

\* Subject to alteration. Please note the precise dates in the respective current issue. Order forms for the Club models 2020 and the Krupp flatbed truck with tarpaulin (item 18036) were enclosed with the Club mailing 06/2019.

\*\* Enter your e-mail address in the Club area: The brochure will be sent by e-mail on the day of publication.

## Mailings in 2020\*

Issue	Publication date	Märklin Magazin/Club News plus the following enclosures:
1	End of January	New products brochure 2020 Order form for: - Annual Cars 2020 in H0 and Z
2	Start of April	Order form for anniversary models
3	Start of June	DVD "A Year with Märklin" part I Order form for: - Full catalog 2020/2021 - Club model II 2020 - Annual Car Märklin Start up club (H0) - Summer new products brochure**
4	Start of August	
5	Start of October	Fall new products brochure **
6	Start of December	DVD "A Year with Märklin" part II Order form for: - Club models 2021 in H0 and Z

# Messe Dortmund

At Intermodellbau Dortmund from April 23 to 26, 2020 the Club team welcomes Club members at the Märklin stand in hall 4 (stand. 4.A40) with a small present. Models can be seen in action on the Märklin demonstration layouts, new products from the 2020 range and the current Club 2020 models will also be on display (see pages 6 and 14). The order deadline for the TEE diesel rail car train RAM 501 in H0 and 41 356 in Z-gauge is February 29, 2020. With special cars in H0 (item 48630) and Z (item 80730) exclusively for the Intermodellbau 2020 exhibition, Märklin pays tribute to the Dortmunder Eisenbahn, handling rail-based factory logistics for the steel industry since 1899. 



Photo: pw



**Special cars:** Märklin is producing two four-axle freight cars for the Dortmund Railway only for Intermodellbau: a Falns type H0 hopper car (right, item 48630) and in Z gauge an Eaos type gondola of era VI, loaded with rusty scrap (item 80730).

## Club benefit

The online day ticket costs Club members 10 euros instead of 12 euros. In the online Intermodellbau shop ([www.intermodellbau.de](http://www.intermodellbau.de)), simply enter the **Code IB2020Maerklin** (case-sensitive) and bring the printed Print@Home ticket to the exhibition.

June 17 to 21,  
2020

# Club trip to the rail-road wonderland

Photo: Gregor Sutter



The Rhaetian Railway (RhB) line over the Bernina Pass with the circular viaduct near Brusio is a UNESCO World Heritage Site – no other adhesion railroad crosses the Alps at such an altitude: At Bernina Hospiz station, it reaches 2,253 meters (7,392 feet) above sea level. From June 17 to 21, 2020, the Club will be traveling to this railroad wonderland with “crocodile” and rail car from the glaciers to the palm trees. On the journeys through the Engadine, the group will be traveling in its own special trains, so everyone will have enough space for sightseeing, photography and filming. In addition, photo stops are planned. The three highlights: First, the special train ride in the yellow rail cars in the morning light to the Bernina Pass, where breakfast is served by the Lago Bianco. Then follows the 1,200-meter downhill run to Poschiavo. Second, we visit the infrastructure: one of the power stations and the depot in Pontresina; in addition, we take a funicular ride up the Muottas Muragl (2,456 m/ 8,058 feet above sea level). Third: a special train ride with the Bernina “crocodile” over the Bernina Pass to Tirano.

## Price includes

- Rail journey from your DB/ÖBB/NS station to St. Moritz and back, 2nd class\*
- Special train ride in the yellow Bernina train Pontresina–Poschiavo and return
- Special train ride in the crocodile train Pontresina–Tirano and return
- Visit to the workshops in Pontresina
- 4 nights in a \*\*\*\*-hotel in St. Moritz
- 4 breakfasts and evening meals
- Tour accompanied by a Märklin staff member
- Escorted throughout by Bahnreisen Sutter (planned: Gregor Sutter)
- Exhaustive information material

## Price per person:

**Club members: Double/twin room 1,790 euros / single 1,990 euros.** When registering, please submit either a scan or a copy by letter of your membership card – not a fax. The reduction applies only to the member personally.

**Non-members: Double/twin room 1,890 euros / single 2,095 euros.**

**\*Supplement for 1st class rail travel outward and return: 180 euros.**

Due to DB’s new tariff regulations, travel for bookings made from March 1, 2020 will cost an extra 80 euros.

## Number of participants:

**Maximum number of participants 40**

If the minimum number is not reached by one month before departure, the trip will be canceled. The trip involves restrictions for persons with limited mobility.

## Information on booking:

**Bahnreisen Sutter, Adlerweg 2, 79856 Hinterzarten, Germany**

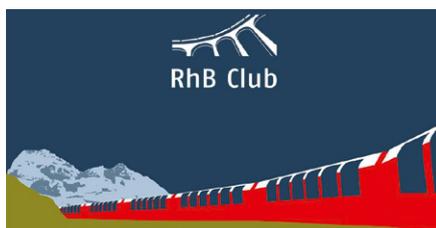
**Application forms can be obtained under:**

**Tel.: +49 (0) 76 52/91 75 81, fax: +49 (0) 76 52/91 75 82, e-mail: info@bahnreisen-sutter.de, Internet: www.bahnen.info**



## The 2019 certificates have been dispatched

At the end of December 2019, certificates were sent out for the 2019 Club models and the anniversary models to those who ordered items 39320, 39781, 39052, 37020 and also 88294, 88850 and 88012. If you have not received a personalized Certificate of Authenticity, please contact the Club team by phone or e-mail. For contact details, see masthead, page 3.



## RhB Club also cooperation partner in 2020

Members of the Märklin Insider Club also receive a 20 percent discount on annual membership in the RhB Club in 2020, valid for subscriptions until December 31, 2020. Simply register at [www.rhbclub.ch](http://www.rhbclub.ch), select the subscription form and redeem the discount code Mark80038, when you pay. Annual memberships are available for individuals, families (maximum two adults including children) and children up to 16 years of age.

## With LGBTours to northern and southern Europe



LGBTours offers Märklin Club members a five percent discount on two

exciting train and cultural trips. From July 20 to August 2, 2020, they are traveling to Sweden and Norway and from September 5 to 15 to the French Riviera and Spain. The registration deadline is March 31, 2020. Detailed information on the trips can be found in the club area (see downloads) at [www.maerklin.de](http://www.maerklin.de) or directly from LGBTours (Tel.: +49 (0) 91 03/16 97, [www.lgbtours.de](http://www.lgbtours.de), [lgbtours@t-online.de](mailto:lgbtours@t-online.de)).

EXCLUSIVE CLUB MODEL 2020 IN H0: TEE “EDELWEISS” DIESEL-POWERED TRAIN

# All about the model of the SBB TEE RAm 501

The metal body makes the exclusive H0 Club model 2020 a real heavyweight; the TEE “Edelweiss” diesel multiple unit set is made up of four cars. The mfx+ digital decoder ensures great play value for the true-to-scale new tooling.



**L**uxurious, international, fast: The TEE “Edelweiss” connected Central Europe from Amsterdam to Zurich at the end of the 1950s. One of five diesel multiple units used is the SBB’s RAM 501, which is being produced as an H0 Club model in 2020. “This elegantly designed powered rail car train set standards in European long-distance traffic,” says Karl-Heinz Grässle, Product Manager H0 at Märklin, in classifying the model in terms of railway history. “Our H0 model also sets standards. It will be a long, heavy, four-car train with metal body, which will be an exclusive retooling in a scale of 1:87” for Club members. Numerous play functions can be switched via the digital decoder, a special feature being the lighting functions. “Power car, compartment car, dining car and open seating car with engineer’s compartment are all connected with special current-conducting couplers to supply the interior lighting of the cars fitted as standard with power. The interior lighting can be controlled digitally, as can the table lamps in the dining car. Additionally there are three-lamp headlights and red taillights on the power and cab-control cars and the engineer’s cab lighting can also be switched separately. And finally, the CS3 can be used to control the light in the baggage compartment and the engine room of the power car.”

### Heavy metal for pulling power and smooth running

The superstructure, frame and wheels of the Club model are made of metal, enhancing the quality and smoothness of running. Separately applied parts such as the cab handrails and many molded and finely engraved details characterize the appearance. On the power car for example, the fan grilles are modeled on the roof, the fan grilles of the engine room are on the sides and at the transition to the roof – the cover grilles of the apron are also accurately reproduced. The same applies to the porthole windows of the engine room, the drop windows of the cab doors and the tapered front windows, which together with the triple headlight holders and the separately-applied grab-handles contribute to the design of the ends of the unit. Also noteworthy are the units mounted underfloor on the passenger cars, such as water tanks, compressor and condenser unit. The neat appearance is matched by the smart two-wing swing doors, which were made of aluminum on the original.

The Märklin design team has installed the drive – prototypically – in the power car. Power from the engine is transmitted via cardan shaft to the outer wheel sets of the two three-axle trucks. As in the prototype, the middle wheel sets are idler axles. →



**H0 Club model 2020: SBB’s RAM 501 diesel-powered train, the TEE “Edelweiss”, connected the metropolises of five European states. The four-car set in high-quality metal design is a completely new tooling – true to scale with many switchable sound and lighting functions.**

→ A wiper spring is applied laterally to the wheels of the power car to pick up the ground contact. The power car is also home to the mfx+ digital decoder, which can call up seven lighting, 17 sound and several other operating functions.

“The model impresses among other things with its compact unity and the design team has succeeded in conveying this image in the model,” says Product Manager Karl-Heinz Grässle.

“The four cars in the train are connected by couplings with guide mechanism and the transitions are concealed by a special bellows – in the original they were smooth rubber sleeves. So when we run straight ahead we have a smooth streamlined form.” Radius 2 track is easily negotiated, but the design team also made it possible to run on radius 1.

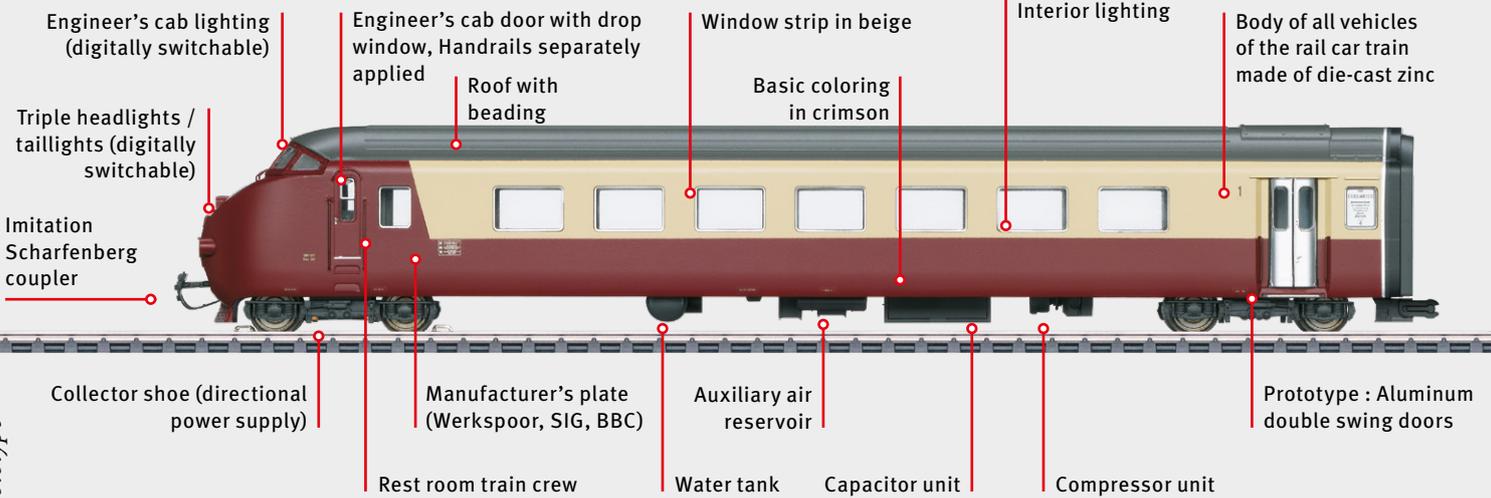
The RAm 501 measures 113 cm (44-1/2") over couplers and runs in either direction. For this reason, a collector shoe switch is provided which regulates the appropriate behavior of the train in signal sections. “Power car and cab-control car both have a shoe. In each case, the front shoe in the direction of travel is responsible



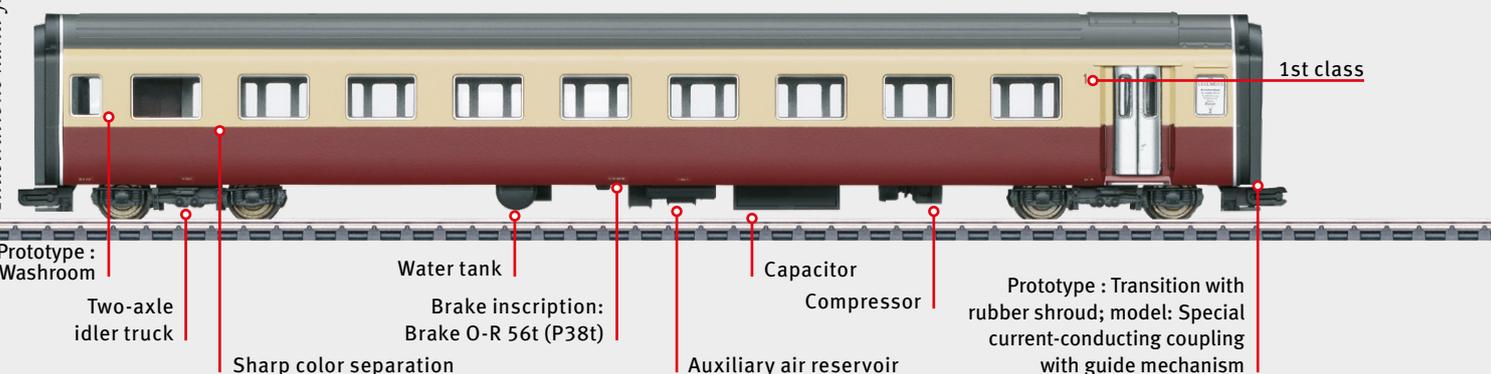
**Smart entrance doors and flawless lettering:** According to the train's route, the TEE “Edelweiss” passes through the Netherlands, Belgium, Luxembourg, France and Switzerland.

## Details and functions of the TEE RAm 501

### Open seating car with engineer's compartment



### Compartment car (54 seats in nine side-aisle compartments, arrangement 3+0; interior lighting)



Illustrations hand-finished prototype



**Lighting effect: the table lamps in the dining car are digitally switchable. All three passenger coaches have LED interior lighting.**

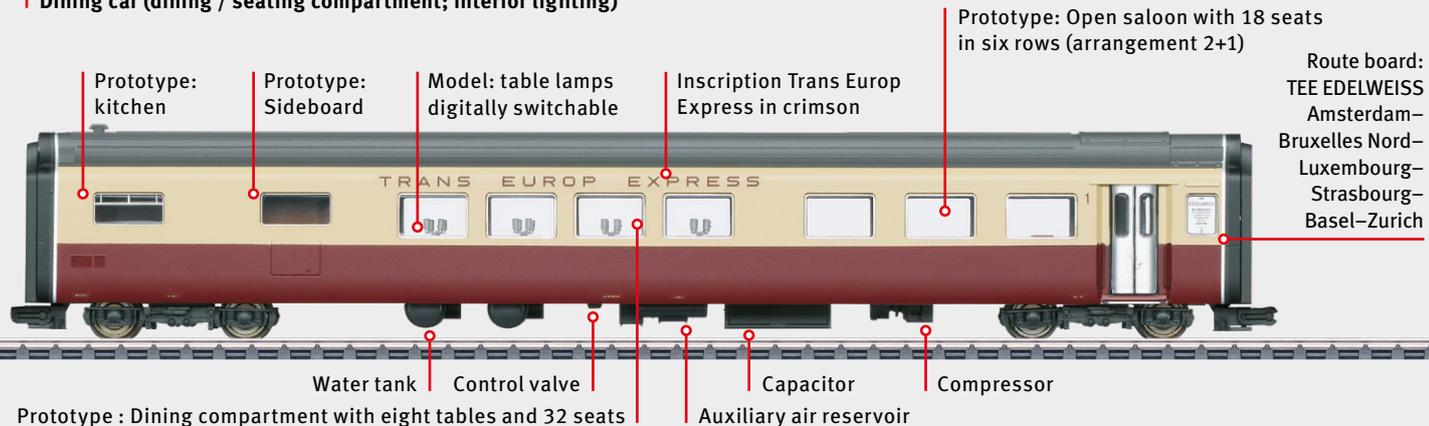
**Roof details: the cover grille for the fan wheel of one of the radiator groups has a fine structure.**



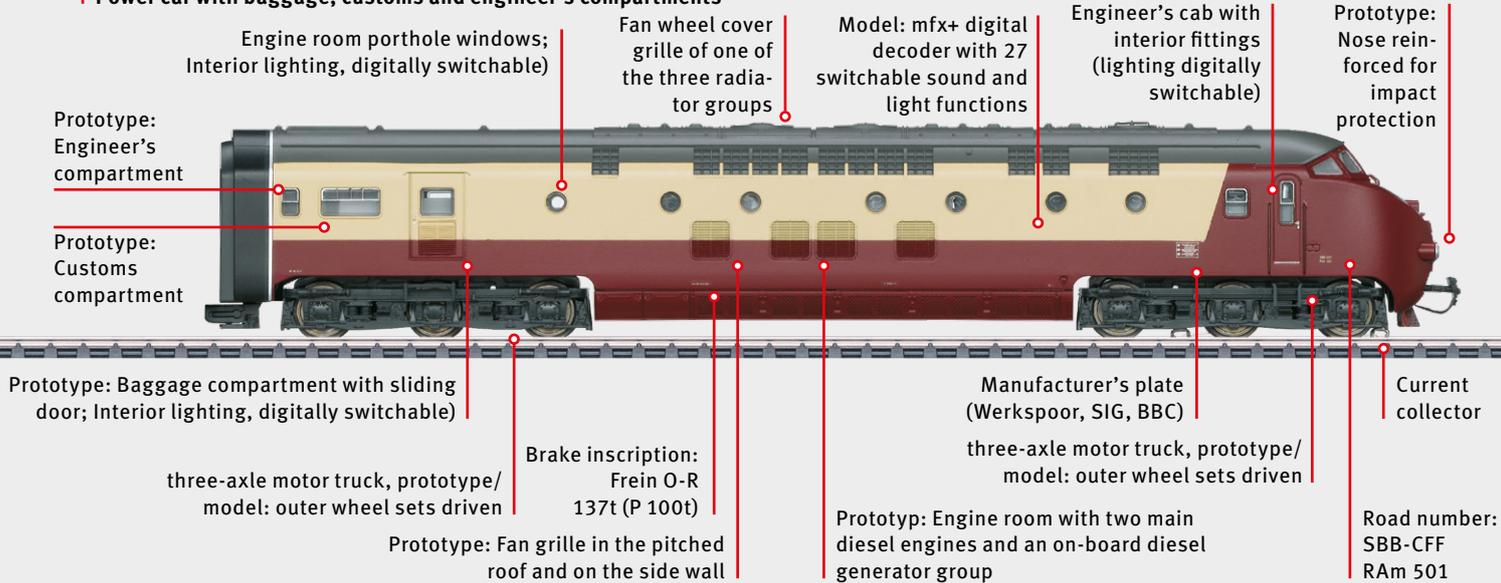
for current collection. The powered rail car train therefore stops in the signal section as prescribed and is not pushed beyond the signal. At the same time, this ensures that the LED light of the interior lighting does not go out either”.

The diesel powered rail car train’s phenomenal exterior effect is enhanced by its being painted in the TEE colors of crimson and beige, which is dynamically styled at the ends of the power and cab-control cars: the beige color area of the window strip sweeps upward towards the engineer’s cab. The sharp color separation between the two basic colors runs just below the windows and also maintains its height along the power car. The window frames and the lamp-holders on the fronts are neatly painted. The quality of the inscriptions is typical for Märklin: The large TEE letters on the dining car are crimson and sharply edged. Next to the entrance doors are printed train route boards, the TEE emblem, “Edelweiss” in red capital letters and the stations on the train’s route from Amsterdam to Zurich in black. The large boards with the manufacturers’ names Werkspoor, SIG and BBC are applied by pad printing at the lower end of the window strip at the ends of the train. Just →

**| Dining car (dining / seating compartment; interior lighting)**



**| Power car with baggage, customs and engineer's compartments**





**Compact look:** The bellows and the guided couplers between the four vehicles enhance the compact appearance of the model.

→ readable is the small road number (SBB-CFF RAM 501) next to the front handrails of the engineer's cabs. A magnifying glass is needed to study the fine technical railway lettering, such as the brake inscriptions and the truck center-to-center distance – 15,875 mm (52') for the power car and 18,300 mm (60') for the passenger cars.

**The RAM 501 must be ordered by February 29, 2020**

“Whether it’s on the road or in the showcase, the four-part TEE ‘Edelweiss’ always has something for the eye thanks to its careful implementation,” concludes product manager Karl-Heinz Grässle. “When running, the RAM 501 impresses with its smooth image, light and sound functions and the TEE paintwork. In the station or in the showcase the many details are revealed.”

Closing date for orders for the 2020 H0 Club model is February 29, 2020. 

*Text: rr; photos: Märklin, Claus Rudolph*

 Information on the H0 Club model 2020 (item 39706) can also be found online at [www.maerklin.de](http://www.maerklin.de)

**Closing date for orders is February 29, 2020**

**It's this easy to acquire your own Club model**

The H0 diesel train SBB RAM 501 (item 39706) will be produced by Märklin in a unique series exclusively for club members in 2020. The order form was sent out with issue 06/2019. If it has been mislaid, or if you only just joined the Club, you are welcome to ask our Club team to send you a replacement or you can also order one example of the model directly through your Märklin MHI retailer. We expressly remind you that order forms are not transferable.

**Closing date for orders for the Club model 2020 is February 29, 2020. Deliveries are scheduled to commence in quarter 3, 2020.**

**39706 Diesel-powered rail car train RAM TEE "Edelweiss"**



RAM 501 of the Swiss Federal Railways (SBB) is implemented as TEE “Edelweiss” with the train route Amsterdam-Bruxelles Nord-Luxembourg-Strasbourg-Basel-Zurich – as an exclusive H0 Club model in 2020, as it was operating at the end of the 1950s. The four-car set in the TEE basic color crimson/beige has an mfx+ digital decoder and a total of 27 digitally switchable sound and lighting functions (for a detailed function table, see Club News 06/2019, page 11).

**Model highlights**

- Completely new tooling.

- Heavy metal construction.
- “World of Operation” mfx+ digital decoder with extensive sound and light functions.
- With digitally switchable interior lighting fitted as standard.
- Engine room and engineer's cab lighting as standard, digitally switchable.
- Controlled high-performance drive with flywheel in the power car, 4 axles powered.

Price\*: 899.00 euros (949.00 CHF/ 989.99 USD)  
\* recommended retail price



*Hand-finished prototype pictured*

# Promotional models

December 2019/January 2020

## 4415.671 “Die Wilde 13 Weihnachten 2019” (The Wild 13 Christmas 2019)

H0

Available from the following authorized dealers in Germany: EP: Elektronik Richter GbR (01454 Wachau), Modellzentrum Hildesheim GmbH (31135 Hildesheim), Modellbahnladen und Spielparadies (33332 Gütersloh), Modellbahnladen Hilden (40723 Hilden), Modellbahn Raschka (44809 Bochum), Technische Modellspielwaren Lindenberg (50676 Köln), Modellbahn-Center am Markt (52062 Aachen),

Wilhelm Schmidt GmbH (57537 Wissen), Modell-Pelzer (58095 Hagen), Spielwaren Kremers e. Kfr. (59065 Hamm), Modellbahn-Shop-Saar (66589 Merchweiler), Spielwarenfachgeschäft Werst (67071 Ludwigshafen), Eisenbahn Dörfler (90402 Nürnberg), “Modeltreinexpress” V.O.F. (3135 HW Vlaardingen, the Netherlands)



Side 1



Side 2

## 8661.085 “Carlsberg”

Z

Tog & Tekno, Strandgade 93 A, 3000 Helsingør, Denmark. Tel. +45 (0) 98 12/04 11, postmaster@togogtekno.dk, www.togogtekno.dk



## 98166 “Westheimer Winter”

Z

HRT Informationstechnik GmbH, Kasseler Str. 7, 34431 Marsberg, Germany. Tel. +49 (0) 29 94/98 89 60, info@hrt.de, www.hrt.de



## Insiders recruit Insiders

Share the fascination of model railroads and secure the exclusive H0 premium car, designed in the style of anniversary locomotive 101 064-4 (item 39378 and item 88677). In its chic retro design, it picks up motifs from historical Märklin catalogs. And it's as simple as this: online at [www.maerklin.de](http://www.maerklin.de) (see “Clubs” – Registration) have the membership application form filled out and select Reward 1. Or: print out the flyer under “Downloads” in your club account, fill it in and send it to the Club.

New  
H0 Bonus

## 4415,672 Advertising bonus

H0

The H0 bonus car in nostalgic Märklin advertising design is exclusively available to insiders as part of the new member recruitment campaign.

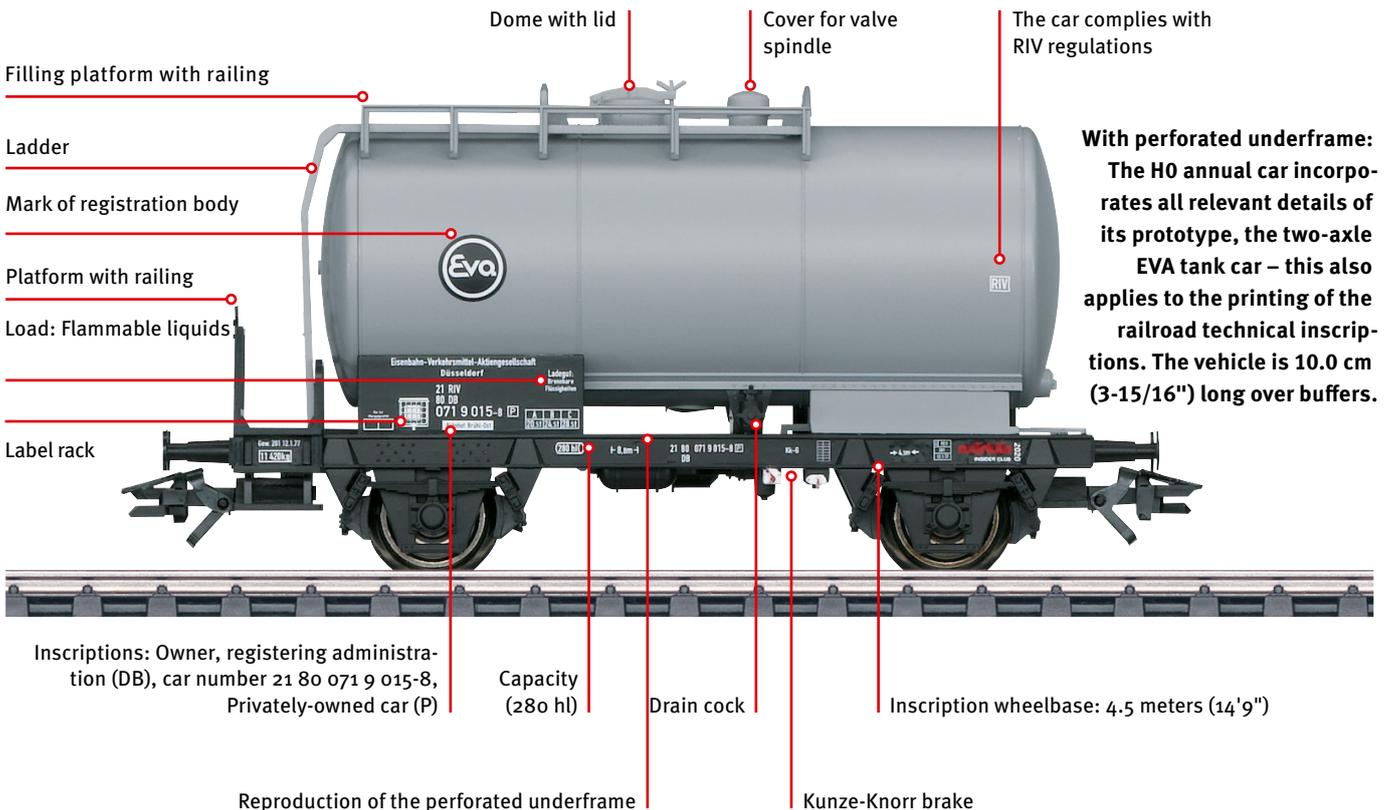


# EVA tank car in H0 and a Kuba boxcar in Z

Märklin is producing two freight cars with a history behind them as exclusive Insider 2020 annual cars: The H0 tank car spotlights the Eisenbahn-Verkehrsmittel-AG and the Z-gauge G1 Dresden type boxcar the audio and TV boom years of the 1960s.

From its inscriptions and the company logo, the H0 annual car is recognized as belonging to the Eisenbahn-Verkehrsmittel-Aktiengesellschaft (EVA) – a company which entered the market in 1899 with an extremely up-to-date business model. EVA's activity, as "Der Deutsche Volkswirt" reports in 1928, "is the leasing of railway cars, (...) mainly tank cars...". This approach catches on and through investments, takeovers and mergers, the company grows and eventually merges with the Vereinigte Tanklager und Transportmittel GmbH (VTG). Since VTG never paints its 94,000 freight cars in Europe unnecessarily, the EVA logo can still be discovered today, albeit less and less often.

The H0 2020 annual car reproduces the two-axle EVA tank car which was registered with the German Federal Railroad, as it was operating last 1970s. The tank, with a capacity of 280 hectoliters, or 7,400 US gals., sits on saddleplates connected to the underframe of longitudinal and transverse girders. The personnel reached the top of the tank by ladder from the brakeman's platform. On the filling platform, which only has a low safety rail due to loading gauge limits, is the tank filler dome and a cover for the valve spindle. According to the inscription, the tank car was used by EVA for the transport of flammable liquids.



**With perforated underframe:**  
The H0 annual car incorporates all relevant details of its prototype, the two-axle EVA tank car – this also applies to the printing of the railroad technical inscriptions. The vehicle is 10.0 cm (3-15/16") long over buffers.



**“Proven millions of times”:** in the 1950s and 1960s, Kuba-Imperial earned good money with radio-telephone furniture.

More in focus of the population is the model of the exclusive Z-gauge 2020 annual car: this is a car privately-owned by the sound furniture company Kuba-Imperial, founded by Gerhard Kubetschek in 1948, which filled living rooms with music chests and phono equipment during the years of the economic miracle. And on a grand scale, as the self-confident advertising lettering on the blue freight car announces: “Kuba-Imperial – Radio-Television Millionfach bewährt” (“proven millions of times”). The vehicle, as operating in around 1960, is a high-capacity association design boxcar of the G1 Dresden type with a load capacity of 15 tonnes – a type of car frequently seen in early era III. The model with black nickel-plated disc wheels reflects the characteristics of the design, starting with the closed superstructure through the arched roof and the standardized profiles of the car body to the sliding doors arranged centrally for loading. The 2020 Z-gauge annual car keeps alive the memory of the boom in pieces of sound furniture that the Kuba Sound Furniture Museum in Wolfenbüttel cares for on the executive floor of the former Kuba factory ([www.kuba-museum.de](http://www.kuba-museum.de)). Company founder Kubetschek employed 4,000 people when the company was sold in 1991. //

*Text: rr; photos: Märklin, Kuba-Museum*

### 48170 Insider H0 annual car for 2020

**H0**


**Prototype:** Two-axle tank car. Privately owned by Eisenbahn-Verkehrsmittel-Aktiengesellschaft (EVA), Düsseldorf, registered with the German Federal Railroad (DB). As operating at the end of the 1970s.

**Model:** Attached brakeman's platform with end ladder and filling platform. The partially open car floor is modelled. Length over buffers 10.0 cm (3-15/16"). DC wheel set E32376004.

### 80330 Insider annual car Z 2020

**Z**


**Prototype:** Boxcar of the association type G1 Dresden, without handbrake or brakeman's platform. Privately owned by Kuba-Imperial, Wolfenbüttel, and registered with the German Federal Railroad (DB). With advertising lettering “Kuba-Imperial Radio-Fernsehen Millionfach bewährt”. As running in around 1960.

**Model:** The car body is made of finely detailed and printed plastic and is prototypically lettered. The car has black nickel-plated solid wheels. Length over buffers 53 mm (2-1/8").

**Closing date for orders is April 30, 2020**

## Notes on ordering

**The two Annual Cars are only available to Club members and are free of charge as part of Club membership.**

This issue of Insider Club News includes the order form for the Insider 2020 Annual Car. On the form is printed the gauge of your choice, H0 or Z, together with the corresponding item number. Should this be incorrect, or should it have been altered, please strike out the details printed and enter the other gauge together with the item number. Members who have chosen the gauge 1 present instead of the annual car will not receive an order form. Gauge 1 fans will automatically receive their annual gift, probably in October,

directly. Basically, you can alter the scale of your Annual Car online in the club area (see: Mein Club – Einstellungen (My Club – Settings)) under [www.maerklin.de](http://www.maerklin.de).

The exclusive nature of these cars does not permit more than one example or more than one gauge to be supplied, even at an appropriate extra cost.

The order form can be handed in up to **April 30, 2020** to your Märklin MHI retailer. **The scheduled delivery of the annual car is from quarter 3 2020.**

Z-GAUGE CLUB MODEL 2020: UNIVERSAL STEAM LOCO OF CLASS 41 OIL

# Mikado loco 41 356 with new design of boiler and oil tender

From the LED headlights to the metal locomotive body to the oil tender with spoked wheels – 41 356 has all the makings of a top Z-gauge model. Windows are fitted to the engineer's cab of the exclusive Club 2020 model, and the running and reversing gear is fully functional.



**T**he economic boom from the 1950s onwards was accompanied by a huge demand for fast-moving freight trains. “The class 41 freight locos with a 2-8-2 wheel arrangement were thus indispensable for DB, especially as they had proven themselves as universally capable multi-purpose locos,” says Jürgen Faulhaber. The product manager Z at Märklin is having 41 356 produced as the exclusive Club model 2020 as she was operating in around 1962 – one of the 41s made fit for the future by the DB with high-performance boiler and oil firing. “The rebuilt locomotive with the 2’2’ T34 oil tender was still absent from the Märklin Z-gauge range, and this is now made up for by the predominantly new design. With 41 356, Märklin shows what is possible in modeling details in Z gauge in 2020.”

### **Metal superstructure adds weight to pulling power**

The body of the standard locomotive is made of metal. Special attention should be paid to the high-performance new-build

boiler, which clearly differs from the original boiler with three domes: the smoke stack is followed by the flat superheater header cover and the steam dome with warning flash. Parts separately attached such as the bell, the filigree steam whistle and the safety valves give the boiler crown an authentic profile. This impression is enhanced by the molded-on pipes, control rods and washout plugs”, says the product manager, going into detail: “The open engineer’s cab – locomotive engineers and firemen used to climb the tender ladder to gain the cab – has glazed windows, in front of the front windows the large spectacle hoods are reproduced.” In case there was insufficient adhesion between rail and wheel, the four coupled wheel sets had sanders on the original; in rebuilding, the sandboxes were simply placed on the decking, so that they could be filled without climbing. These sandboxes are reproduced on the model. The locomotive crew could reach the smokebox door and the two slender Witte smoke deflectors via the buffer beam and a step.



**Pulling power thanks to bell armature motor: The exclusive Club model 2020 (illustration: hand-finished prototype) in Z covers fast freight trains in an authentic manner, but DB also employed the rebuilt 41 356 and her sisters with oil firing and high performance boiler in passenger train service because of its top speed.**

**“All wheel sets of 41 356, including those of the leading and trailing trucks, have spoked wheels, and the counterweights in the wheel stars of the coupled wheels are of course modeled.”**

### **Running gear and drive are designed for pulling power**

The chassis is a very good match for the smart body: The chassis is also made of metal, the driving rods and external reversing gear are fully functional. All wheel sets, including those of the leading and trailing trucks, have spoked wheels, and the counterweights in the wheel stars of the coupled wheels are of course modeled. The cylinder block with integrated valve chest is attached, as are the air pump on the engineer’s side and the feed pump on the fireman’s side. Working in the boiler is the bell armature motor, now known for its good running characteristics. As on the prototype, the four coupled wheel sets are all driven. The inductive train control magnet is in front of the trailing axle and the rail guards are in front of the leading axle. The oil tender with two two-axle trucks had a capacity of 34 cubic meters (9,000 US gals.) of water and twelve cubic meters (3,170 US gals.) of oil, according to the model’s flawless inscriptions – the oil tank was fitted into the coal bunker box on the original.

### **Light, varnishing and legible lettering**

Warm white LEDs are used for the lamps of the Club model →

# Club Cooperation Partners\* and class 41 freight locomotives

A list of all Club cooperation partners can be found at [www.maerklin.de](http://www.maerklin.de) (see Clubs)



41 113 is a preserved locomotive at the Club cooperation partner Technikmuseum Sinsheim (<https://sinsheim.technik-museum.de>). The machine has a new design boiler and was also converted to oil firing.



41 024 is maintained in the Bahnwelt Darmstadt-Kranichstein ([www.bahnwelt.de](http://www.bahnwelt.de)). She also received a new boiler and oil firing in 1960 and was then used successively by DB depots at Osnabrück Hbf, Kirchweyhe and Rheine until March 1977. In the picture she wins the unfair size comparison with T141, the "Schweineschnäuzelchen" ("piggy nose").



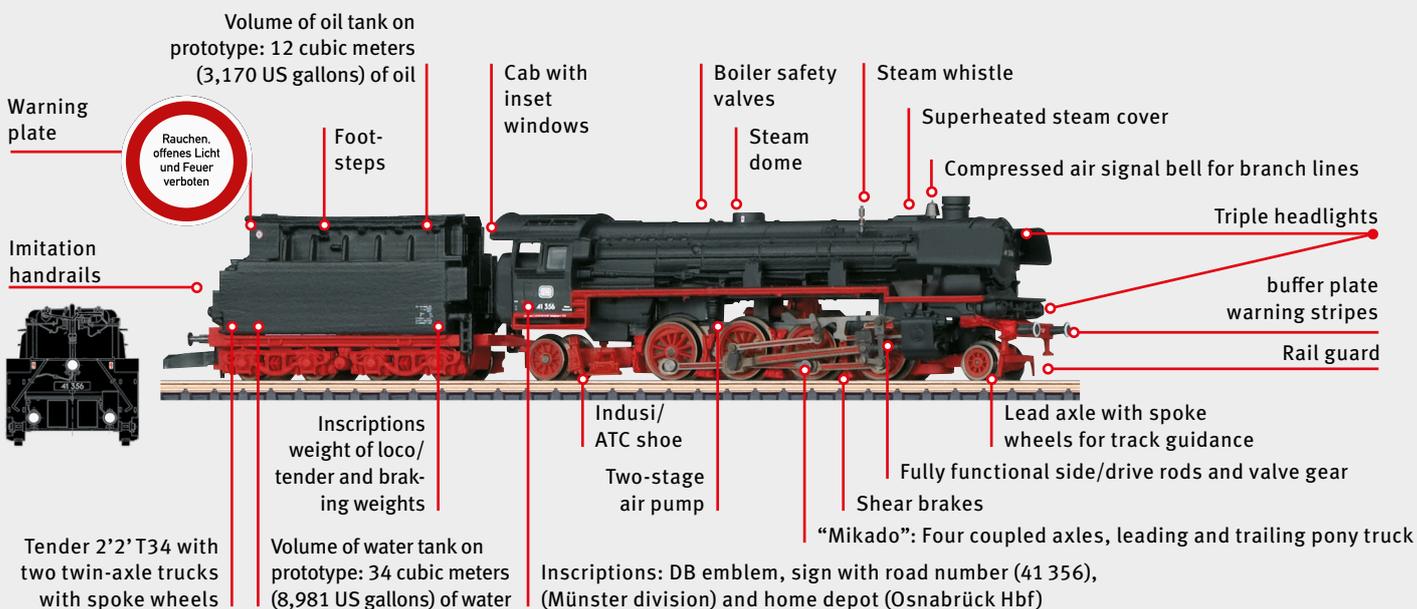
41 018 of the Dampflokgesellschaft München is located in the Bahnpark Augsburg ([www.bahnpark-augsburg.de](http://www.bahnpark-augsburg.de)). It is another of the typical class 41 locos with an oil tender and high-performance boiler. The Railway Park consists of the completely preserved depot from the time of the Royal Bavarian State Railways (K.Bay.Sts.B.).



41 186 of the Dieringhausen railway museum (<https://eisenbahnmuseum-dieringhausen.de>) was reboilered in 1961 and received oil firing.



## 41 356: everything on her and about her





**Cab inscriptions:** Among other things, the DB logo and the road number, details of the federal railroad division and the home depot are given.

**Tender inscriptions:**  
The oil tender of 41 356 gives weights, braking weights and the maximum capacity of supplies. In addition, there is brake information, the date of brake inspection and the type of frame.



→ for the triple headlights. The technical railway inscriptions applied to the silk-matt black lacquer by tampon printing are legible – if a magnifying glass is at hand. The DB logo is emblazoned on the engineer's cab as a property feature, including the road number, next to that the railroad division (Münster) and home depot (Osnabrück main station) in tiny letters. A red dot tells railroad staff that the locomotive has a steel firebox, the inscription "WM 80" indicates the white metal bearings have an 80 percent tin content. On the oil tender, the clear white lettering gives details, among other things, of the weight of the locomotive and tender, the braking

**Closing date for orders is February 29, 2020**

## And here's how to get to your Club model

The club model 2020 (item 88275) in Z-gauge will be produced in a once-only series exclusively for Insider members in 2020. The order form for steam freight loco 41 356 was sent out with issue 06/2019. If it has been mislaid, or if you only just joined the Club, you are welcome to ask our Club team to send you a replacement or you can also order the models directly through your specialist Märklin MHI retailer using your Club card. We expressly remind you that order forms are not transferable.

**Important: The closing date for orders is February 29, 2020. Scheduled delivery date for locomotive item 88275 is quarter 4, 2020.**

weights and the volume of supplies that can be carried in the tender. Anyone who wants to add the rebuilt locomotive to his collection or run it on his layout with its realistic appearance, its precision technology and accurate coloring will have to hurry: The closing date for orders is February 29, 2020. 

*Text: rr; photos: Märklin*



Information about the Club model 41 356 (item 88275) in Z-gauge can also be found at [www.maerklin.de](http://www.maerklin.de)

## 88275 class 41 oil-fired steam locomotive



Z



*Hand-finished prototype pictured*

**Prototype:** German Federal Railways (DB) class 41 steam freight locomotive with high-performance new-design boiler and 2'2'T34 oil tender as it looked in era IIIb.

**Model:** Finely detailed and largely new tooling with high-performance boiler (new-design boiler). Locomotive body made of metal with inset cab windows and accurately reproduced details (smoke-stack, cab, ventilators, etc.). Replicated sand fall-pipes, brakes, inductive magnets, rail guards and additional details on the locomotive chassis. Highly detailed, fully functional valve gear and side/drive rods. Loco with bell armature motor. All 4 coupled axles are driven. Warm white LED headlights. Tender fitted with spoke wheels. Length over buffers approx. 4-13/32 inches (112 mm). The minimum radius for operation is 7-43/64 inches (195 mm).

### Model highlights

- Largely new tooling.
- Chassis and loco superstructure of metal.
- Finely detailed valve gear and drive/side rods.
- Replicated braking system, inductive magnets, rail guards, etc.
- Bell armature motor.
- Inset cab windows.
- Warm white LED headlight.

**Price\*: 269.00 euros (289.00 CHF/299.99 USD)**  
\*recommended retail price

EXCLUSIVE MODEL 2020 IN SCALE 1:45

# Collector's piece:

**W**ith its flatbed and tarpaulin, the carmine red Märklin lettering and its pure white body and cab, the new Krupp truck really stands out from the previous squad of exclusive metal vehicles for club members. The metal parts of the cab-over-engine truck are made to a size of approx. 1:45 with old original tools, so the vehicle fits perfectly into the series in its appearance: The essence of the truck from the 1960s is modeled in it. This also applies to the coloring of details such as the radiator grille frame, bumper, lamp rings, headlights, rear lights and the rims of the rubber-tired wheels. The homogeneous impression is reinforced by the window insert of the driver's cab. Of course, this replica of the Krupp cab-over truck is delivered in the historically designed packaging, which is so appreciated in the replica series by Club members. A Certificate of Authenticity guarantees the exclusivity of the model. **///**

Text: CN;  
photo: Märklin



Information on the exclusive Krupp flatbed truck item 18036 can also be found at [www.maerklin.de](http://www.maerklin.de)

**Closing date for orders is February 29, 2020**

## It's this easy to get your exclusive replica

The Krupp flatbed truck with tarpaulin body (item 18036) will be produced by Märklin in a once-only series exclusively for club members in 2020. The order form was sent out with issue 06/2019. If it has been mislaid, or if you only just joined the Club, you are welcome to ask our Club team to send you a replacement or you can also order the models directly from your Märklin MHI dealer using your club card. We expressly remind you that order forms are not transferable.

**Closing date for orders for the Krupp-truck with tarp is February 29, 2020. Scheduled delivery date: from 3rd quarter 2020.**



The two exclusive Krupp cab-over-engine trucks of 2017 (above, item 18035) and 2010 (right, item 18034) were also created from the molds of the former model item 8034.

## New member of the exclusive replica series: Krupp truck with tarpaulin

Superstructure of the model in die-cast metal: Manufactured from the original tools of the earlier model 8034

Flatbed fitted with tarp superstructure

**MÄRKLIN**

In keeping with the 1960s, the company name MÄRKLIN is written in capital letters

The model is supplied in cardboard packaging in historical design with a Certificate of Authenticity.

Driver's cab with window insert

Radiator grille with KRUPP lettering and the logo with the three seamlessly forged and rolled railroad wheel tires

Bumper in slate grey (RAL 7015)

Headlights, trim and radiator grille surround in contrasting colors

Step for driver's cab entrance

Sheet steel floor (under cab item number 18036)

**MÄRKLIN**

All vehicle parts completely lacquered in high gloss.

Rear lights in contrasting colors

Wheels with rubber tires

Turned metal wheels

Illustration exemplary (tarp picture not binding)

# Digital info days



## Germany

Venue	Retailer	Address	Time*	Date
10589 Berlin	Modellbahnen am Mierendorffplatz	Mierendorffplatz 16	10.00 am – 06.00 pm	March 05, 2020
22087 Hamburg	Modellbahn Uwe Hesse, Inh. Martina Hesse	Landwehr 29	10.00 am – 06.00 pm	March 04, 2020
24941 Flensburg	Imlau 2play Spielwaren+Modellbau	Langberger Weg 4	10.00 am – 06.00 pm	March 03, 2020
31135 Hildesheim	Modellbahnzentrum Hildesheim GmbH	Peiner Landstraße 213	10.00 am – 06.00 pm	March 26, 2020
32312 Lübbecke	Lorenz Spiel zund Freizeit	Lange Straße 43	10.00 am – 06.00 pm	March 25, 2020
42281 Wuppertal	Matschke Modellbahnen Inh. Laag & Co. oHG	Schützenstraße 90	10.00 am – 06.00 pm	April 02, 2020
44141 Dortmund	Modellbau & Lokschuppen Berlinski	Märkische Straße 227	10.00 am – 06.00 pm	April 01, 2020
49716 Meppen	Wöbker Spiel + Freizeit, Inh. Hermann Wöbker	Hasestraße 7	10.00 am – 06.00 pm	March 24, 2020
52499 Baesweiler	Modelleisenbahnen Baesweiler, Glas Frings GmbH	Emil-Mayrich-Straße 8	10.00 am – 06.00 pm	March 18, 2020
55130 Mainz	Märklin Store Theis Modellbahn Weisenau GmbH	Wormser Straße 59	10.00 am – 06.00 pm	March 10, 2020
56068 Koblenz	Modellbahn Rössler	Löhrrendell 6	10.00 am – 06.00 pm	March 19, 2020
68775 Ketsch	Markus Andrae Höreck	Enderlestraße 23	10.00 am – 06.00 pm	February 25, 2020
73630 Remshalden	E+E Spielwaren GmbH	Wilhelm-Enßle-Straße 40	10.00 am – 06.00 pm	March 26, 2020
74821 Mosbach	Dunz GmbH & Co. KG	Kesslergasse 5	10.00 am – 06.00 pm	February 26, 2020
76532 Baden-Baden	Märklin Shop Baden-Baden	Ooser Hauptstraße 12	10.00 am – 06.00 pm	March 13, 2020
79793 Wutöschingen	Euromodellbahn International S. L.	Poststraße 5	10.00 am – 06.00 pm	February 27, 2020
80335 München	Märklin Store München (im Karstadt)	Bahnhofplatz 7	10.00 am – 06.00 pm	February 14, 2020
82110 Germering	Auto-Modellbahn-Welt Germering Linden Gbr	Untere Bahnhofstraße 50	10.00 am – 06.00 pm	March 19, 2020
86368 Gersthofen	Spiel + Freizeit Handels-GmbH & Co. KG	Hery-Park 2000	10.00 am – 06.00 pm	March 18, 2020
89073 Ulm	Müller Drogeriemarkt Ulm	Hirschstraße 17–19	10.00 am – 06.00 pm	March 27, 2020



## Netherlands

Venue	Retailer	Address	Time*	Date
1171 DB Badhoevedorp	Harlaar Modeltreinen	Badhoevelaan 53	10.30 am – 04.30 pm	February 15, 2020
3361 BJ Sliedrecht	Oude Station	Kerkbuurt 28	10.30 am – 04.30 pm	April 18, 2020

\* Ask your Märklin dealer directly whether they break for lunch.  
Please register for the info days with the retailer sponsoring the event at least a week in advance.

## A new round table is starting in Hof in 2020

In 95028 Hof a Märklin Insider Round Table has been set up. "I want to set up a C-track table layout for young and old in an informal group where everyone can bring their own models to show them running", Uwe Thomas explains his concept, according to which operators of all systems, three-wire as well as two-wire runners, are all welcome. Start is in 2020, and interested model railroaders simply need to register by phone (+49 (0) 15 16/8 13 69 34) or e-mail (uwe-thomas2@outlook.de). 



A list of all regular round tables can be found at [www.maerklin.de](http://www.maerklin.de) (see Clubs).

## MIST 72: DC car control by CS2/3 and day of the long tracks



On the day of the long tracks by MIST 72 ([www.mist72.de](http://www.mist72.de)) a particularly long train went on the track: 128 001-5 took charge of all Märklin Magazin cars (left picture). Members of the Märklin Insider Round Table laid 1,860 pieces of track for the 337-meter (1,105') long track. In addition, MIST 72 regularly organizes workshops on the



DC-Car system, with which realistic road traffic can be operated on the model railroad layout. The CS2 and CS3 can also be used to control these layouts. The 27th DC-Car-System-Workshop will take place on February 15th and 16th at MIST 72 ([www.mist72.de](http://www.mist72.de)) in 72800 Eningen. 

# Learning with Märklin

## FIRST HALF OF 2020

### Venue for all seminars:

Gebr. Märklin & Cie. GmbH  
Stuttgarter Straße 55–57,  
73033 Göppingen, Germany  
Meeting place: At the gate

### Hotel reservation:

Hotel Restaurant  
Hohenstaufen  
Freihofstraße 64 – 66  
73033 Göppingen, Germany  
Telephone:  
+49 (0) 71 61/6 70-0  
www.hotel-hohenstaufen.de



Modern training rooms at Märklin headquarters: practical instructions for decoder installation.

Whatever knowledge the model railroad hobby needs, you will find support in the Märklin seminar program for the first half of 2020. Experienced Märklin coaches cover topics such as layout construction, maintenance and inspection of models,

decoder installation, as well as switching and control with the Central Station 2 and 3. Märklin attaches great importance to intensive and individual help for each seminar participant, which is why the places per course are limited. 

## H0: SERVICE AND INSPECTION (2 DAYS)

### Seminar content:

- Basics of soldering technique with soldering practice.
- Function of the Märklin drum and disc collector motors.
- Adjusting a mechanical reversing switch.
- How to oil an H0 loco correctly.
- Checking and maintaining a class 218 loco.
- Stripping down a class 218 loco, explanation of its components, reassembly of the loco.
- Carrying out maintenance and inspection work on a class 74.
- Disassembly of a class 74 loco, explanation of its components, reassembly of the loco
- Conversion of the Märklin locomotive to digital operation with high-performance motors and current-generation decoder (theory, not practically implemented).
- Fault-finding made easy with doctored locomotives using the knowledge gained on this course.

### Aim of the seminar:

This seminar is ideal for getting to know how best to care for and maintain your older locos, and how to carry out minor repairs yourself.



Date	Seminar no.	Seminar leader
Th./Fr., May 07/08, 2020	620100 a	Rüdiger Haller
Tu./Wed. 19./20.05.2020	620100 b	Rüdiger Haller

### Miscellaneous:

Each participant receives an exclusive special seminar car on the subject of maintenance and inspection.

### Duration and cost of the training courses:

2 days: Each day 8.45 am to about 4.30 pm,  
269.– euros for Insiders, otherwise 299.– euros



**Registration for all seminars in writing only please:**

- **by post:** Gebr. Märklin & Cie. GmbH,  
Stuttgarter Strasse 55–57,  
73033 Göppingen, Germany
- **by e-mail:** [training@maerklin.de](mailto:training@maerklin.de) – or directly online  
under [www.maerklin.de](http://www.maerklin.de)  
(see under Service/Seminare (Service/Seminars))

Telephone inquiries please to +49 (0) 71 61/6 08 -2 22. You will find our conditions of registration and participation on the Märklin homepage; no separate seminar brochure is available.

Note: Please only book hotels using the telephone numbers given here.

Seminars on locomotive assembly are scheduled for the end of the year.

All seminars are held in German.

**H0: LAYOUT PLANNING AND BUILDING PREPARATION (2 DAYS)**



**Seminar content:**

- Track geometry for K and C track, track planning, for example arrangement of station tracks (also suitable for staging yards).
- Providing grades in model railroad layouts, theoretical construction of a track helix including relevant parameters (steepness, minimum radius).
- Use and purpose of an electrical ring circuit, accessories for the electrical wiring (a selection).
- The different properties of switching contacts (circuit track, reed contact, contact track), correct placement of switching contacts.
- Testing solenoid-operated accessories (signals and turnout motors) before installation – some practical exercises.
- A short soldering course with realistic practice (soldering on various tracks).
- Installation notes and function of the signal module 72441 for controlled stopping of high-performance digital motors.
- Assessing the electric current requirement for a layout and determining the number of transformers/boosters required, for which sample calculations will be made.
- Jointly working out the conditions in which a layout can best be fitted into a room; joint planning of a model railroad layout to occupy the maximum area in a previously-defined room plan.

Date	Seminar no.	Seminar leader
Wed./Th., April 29/30, 2020	620120 a	Rüdiger Haller
Wed./Th., 27/28 May, 2020	620120 b	Rüdiger Haller

**Miscellaneous:**

Each participant will receive an exclusive seminar special car on the theme of layout planning and construction preparation.

**Duration and cost of the training courses:**  
2 days: Each day 8.45 am to about 4.30 pm,  
269.– euros for Insiders, otherwise 299.– euros

**Aim of the seminar:**

Theoretical basis for proper construction using the necessary components (analog and digital) of a model railroad layout.

## Z: SERVICE AND INSPECTION (2 DAYS)

### Seminar content:

- Basics of soldering technique with soldering practice.
- Dismantling locomotives and explaining the assemblies.
- How to oil a Z-gauge locomotive correctly.
- Cleaning locomotives correctly.
- Carrying out servicing and inspection work on various locomotives.
- Assembly of these locomotives and noting the corresponding maintenance points.
- Fault-finding made easy with doctored locomotives using the knowledge gained on this course.

### Aim of the seminar:

This seminar is ideal for getting to know how best to care for and maintain your older locos, and how to carry out minor repairs yourself.



Date	Seminar no.	Seminar leader
Tu./Wed. June 30/July 01, 2020	620130 a	Rüdiger Haller

### Miscellaneous:

Each participant will receive an exclusive seminar special car on the theme of Z-gauge service and inspection.

### Duration and cost of the training courses:

2 days: Each day 8.45 am to about 4.30 pm,  
269.– euros for Insiders, otherwise 299.– euros

## H0: DECODER-INSTALLATION SEMINAR (2 DAYS)

### Seminar content:

- The training is suitable for participants who want to upgrade analog and digital H0 locomotives to the latest state of the art system technology with mfx decoders.
- Refresher course on soldering with little practice pieces.
- All you need to know about the new decoder generation, two Märklin locomotives are retrofitted.

### Conditions:

- Soldering ability is essential.
- The Märklin locomotives you bring must be in very good condition (other makes will not be considered).
- When registering for the seminar, be sure to give the locomotives which are to be retrofitted (please give several locos for a choice, and bring these all to the seminar).

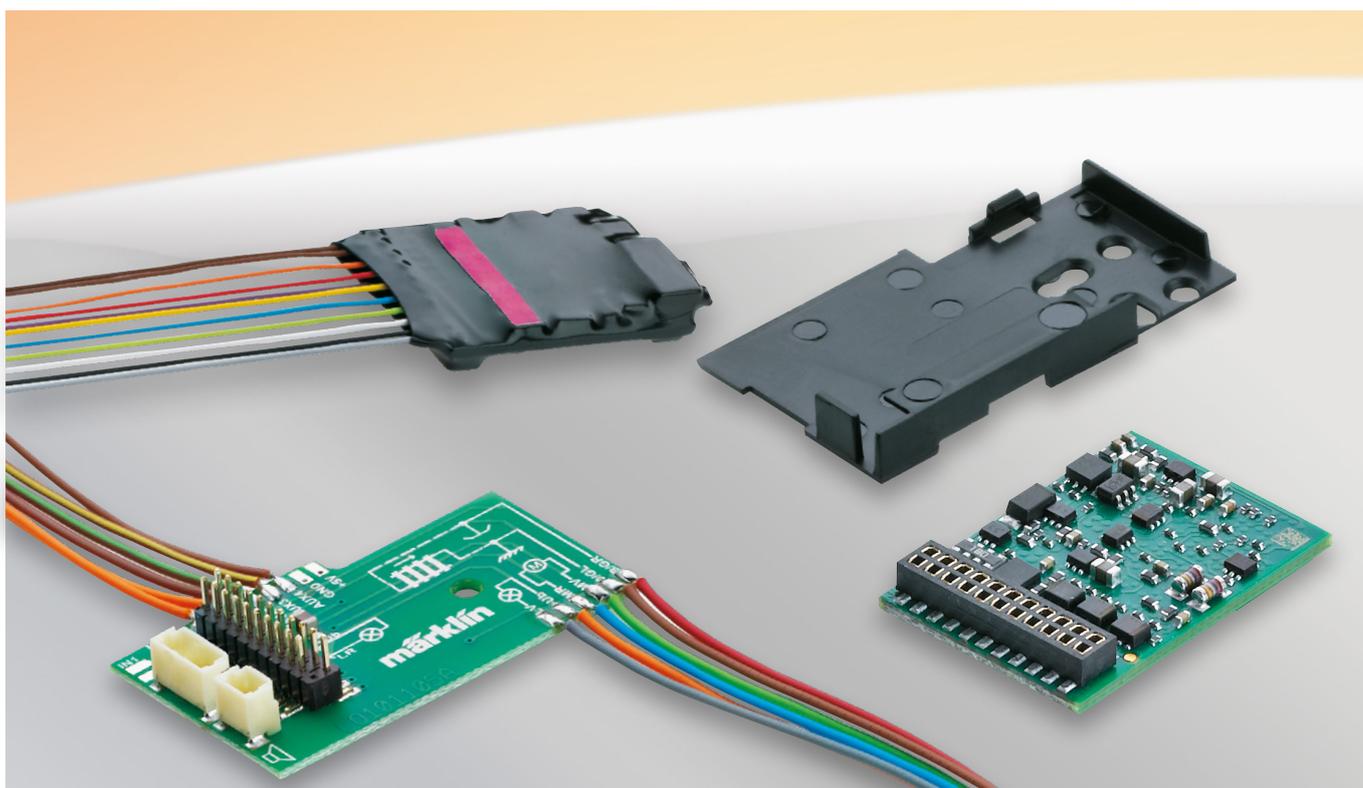
Date	Seminar no.	Seminar leader
Th./Fr., May 14/15, 2020	620110 a	Rüdiger Haller
Th./Fr., June 25/26, 2020	620110 b	Rüdiger Haller

### Aim of the seminar:

To acquire knowledge on how to convert Märklin locomotives

### Duration and cost of the training courses:

2 days: Each day 8.45 am to about 4.30 pm,  
509.– euros for Insiders, otherwise 539.– euros





A good supplement: Learn about Märklin Digital in the seminar, later refer to the new Märklin guide “Controlling Digitally with the Central Station 3” (item 03083).

## CONTROL AND SWITCHING WITH THE CENTRAL STATION 3 – BEGINNERS (2 DAYS)

Date	Seminar no.	Seminar leader
Th./Fr., February 13/14, 2020	620143 a	Rüdiger Haller
Th./Fr., February 20/21, 2020	620143 b	Rüdiger Haller
Th./Fr., February 27/28, 2020	620143 c	Rüdiger Haller
Th./Fr., March 05/06, 2020	620143 d	Rüdiger Haller

### Seminar content:

- Principles of the Central Station system: Connections and operating the control panel.
- Operating and programming locomotives (mfx and Motorola).
- Setting up a shuttle train control using contact tracks.
- Setting up and switching turnouts and signals.
- Setting up track diagrams for the layout.
- Setting up routes.
- Incorporating the Central Station in existing layouts.
- Connecting additional units to the Central Station (e.g. a Mobile Station).
- Mobile running and control possibilities using iPhone and iPad apps.

**Duration and cost of the training courses:**  
2 days: Each day 8.45 am to about 4.30 pm,  
269.– euros for Insiders, otherwise 299.– euros

### Aim of the seminar:

To learn how to design a model railroad layout based on the Central Station or to convert an existing model railroad layout

### Miscellaneous:

Each participant receives an exclusive seminar special car (H0) on the subject of Märklin Digital.



## CONTROL AND SWITCHING WITH THE CENTRAL STATION 3 – ADVANCED (2 DAYS)

**Advanced course: CS3 for advanced players**

Date	Seminar no.	Seminar leader
Th./Fr., March 19/20, 2020	612044 a	Rüdiger Haller
Th./Fr., March 26/27, 2020	620144 b	Rüdiger Haller

**Important:** The participants should already have attended the beginner course, since the advanced course is based on this.

### Seminar content:

- Installing mfx switch decoders and programming.
- Installing signals and programming.
- Construction and operation of a shuttle control with events.
- Programming routes with contact requests and solenoid article monitoring.
- Installing a staging yard control with commissioning.

**Organization/conditions as Seminar CS3 beginner** (see above).



## CONTROL AND SWITCHING WITH CENTRAL STATION 2 (TWO-DAY)

Date	Seminar no.	Seminar leader
Th./Fr., April 02/03, 2020	620140 a	Rüdiger Haller

**Seminar content**  
**Organization/conditions as Seminar CS3 beginner** (see above).

# Long-legged cross-country



The famous express steam locomotive of the Bavarian type S 3/6 was modified and optimized in many building lots. The era I locomotive with the road number 3624, later 18 441, is one of series d – it had driving wheels of 2,000 mm (6'6-3/4") diameter. The S 3/6 locomotives, which were generally approved for 120 km/h (74 mph), reached a speed of 135 km/h (84 mph) in tests with a 420-tonne train; when pushed to their limit, locomotives with “small” driving wheels (diameter 1,870 mm – 6'1-1/2") achieved 140 km/h (87 mph), the “Hochhaxige” (Longlegs) even 150 km/h (93 mph). The Märklin model of No. 3624 (item 39436) shows the basic features of sub-series d: large driving wheels, unstreamlined engineer’s cab, large tender type 2'2'T32,5 for longer runs, and a higher-pitched boiler.

For comparison: the series f, which Märklin realized with 3644 (item 33181, pictured at the bottom), has smaller driving wheels, a streamlined cab, a surface feedwater heater between 2nd and 3rd driving wheel sets and the smaller tender type 2'2'T26,2.

## Model highlights steam loco S 3/6 “Hochhaxige” (Longlegs)

- Driving wheels 2,000 mm shown to scale.
- Detailed representation of the illuminated driver’s cab.
- Filigree metal chassis with perforated bar frame.
- Locomotive largely made of metal.
- Smoke unit fitted as standard.
- mfx+ digital decoder with 30 switchable sound, light and operating functions.
- Coupler mechanism between locomotive and tender with “showcase position”.



Information about the “longlegs” S3/6 3624 (item 39436) can be found at [www.maerklin.de](http://www.maerklin.de)

**Engineer’s cab:** the cabs of series d had a flat front end. In series f, the wedge-shape windbreak was again used.

**Play value:** The mfx+ digital decoder can switch 30 sound and lighting functions.

**Chassis:** Due to the higher pitch of the boiler and the large driving wheels, 3624 provides a clear view through the chassis.

**Smoke stack:** For the first time, the d-e series features a flared smoke stack.

**Parts separately attached:** handrails and grab-irons on the tender, hook coupling and air hose supplied.

**Execution:** Fine replication of details – from the ashpan to the separately-applied pipes to the prototypical inscriptions.

**Tender:** The capacity of the Bavarian type 2'2'T32.5 tender was 32.5 cubic meters (8585 US gals.) of water and nine tonnes of coal. The large fuel supply was needed for long cross-country runs.

**Coupled wheels:** A large wheel diameter suggests fast running – 3624 represents the S 3/6 maximum diameter of 2,000 millimeters.

**Reversing gear and side rods:** The external reversing gear is a faithful, functional replica as are the side rods.

**Front:** Two low-pressure cylinders at the bottom, two high-pressure cylinders in the middle. Lamps on the buffer beam, handrails and steps for the ascent.



**S 3/6 sub-class f:** The smaller wheeled 3644 (item 33181) is characterized by a streamlined cab, the small tender 2'2'T26,2 and a reinforced red coloring. The feedwater preheater is located between driving wheel sets 2 and 3. Moreover, the smoke stack is parallel.