

Press Release

Model Railway Innovations in 2023

Roco

Once again, ROCO has sensational highlights up its sleeve for 2023!

One of these is without doubt the launch of the completely newly developed steam locomotive P8 or class 38. Due to many requests and wishes from our customers, we have decided to include this model in our Edition range. Its most attractive appearance and a multitude of digital functions in the sound designs are sure to delight you.

With the class 288 double diesel locomotive model, which is also part of the Edition range, we are again fulfilling a wish for many of our fans. Delicate engravings, attached parts as well as two motors or sound decoders are in no way inferior to the large prototype!

For Swiss railways fans, a contemporary model is to roll onto H0 rails with the short version of the class 4/4II. Let's take a look at the Czech Republic and the neighbouring countries, where the class T466.2 diesel locomotives are still in service today. Reason enough for us to commemorate this special vehicle.

Since even ROCO models are subject to the passing of time, many of our miniatures are now being produced with technical and optical revisions. Mention should be made here of models such as the Prussian T3 or the TRAXX AC1 series electric locomotive. Through constant programme updates, we fulfil our promise of a portfolio that remains as innovative and contemporary as possible.

ROCO H0-gauge - new designs

The "P8": Steam locomotive class 038, DB (71379/71380/79380) and steam locomotive class 38, DR (71381/71382/79382)

We begin with some true classics: The German Federal Railways class 038 steam locomotive model is to be launched as an Epoch IV model. All details have been accurately

implemented, whether the rain gutters in classic split design, the free-standing locomotive plate or the Knorr-type feed pump.



Photomontage

The German State Railway class 38 steam locomotive model is also an Epoch IV model.

It features amongst other things the Wagner smoke deflectors, the DR design rain gutters and the VEB-type feed pump.

However, these aren't the only details contributing to the realistic appearance of these models. There are also the prototypical lines and hand rails on the boiler and driver's cab and the delicately-crafted control with its striking wheels.



Photomontage

In addition, the tender with its intricate rows of rivets and a finely-perforated reproduction of the bogies in American design enhance the model. Technically, too, the Edition model is of outstanding quality: a completely newly

developed dynamic steam system provides even more powerful smoke emissions from the chimney. The large loudspeaker is also accommodated in the boiler area. The drive is located in the tender and ensures elegant, even running.

Diesel-electric double locomotive 288 002-9, DB (70115/70116/78116)

ROCO has included the diesel-electric double locomotive in its Edition range. The two locomotive housings are decorated with finely-crafted rows of rivets on the side walls and roof panels. All the ventilator slats are deeply engraved and thus give a highly realistic feeling of depth. The bullish front end of this engine delights connoisseurs with its harmonious rounded roof, separately attached windscreen wipers and delicately crafted lamps. A

glance at the transition area between the two halves of the locomotive will reveal the many connecting lines. The chassis area stands out due to its three-dimensional

contouring as well as the many engravings and attached parts. In terms of technology, this heavyweight engine impresses with two driven locomotive halves which guarantee particularly high tractive force. In the digital versions, both locomotive halves also have two large loudspeakers each and reproduce the earthy sound of the large original perfectly for model rails. The fan impellers displayed under a perforated grille can be activated at the touch of a button. The lighting functions also leave nothing to be desired: whether engine room lighting, driver's cab lighting, the illuminated fittings or the control box. The new construction is ideal for use with a comprehensive freight train set, and thus brings a piece of railway history to your home layout.

Rendering



Electric locomotive class 4/4 II 11108 “Swiss Express”, SBB (7500002/7510002/7520002)

Often requested and now realised in new design, the most famous of all short “Bo bos”, as this locomotive is affectionately called in Switzerland, is to roll onto H0 tracks as the 11108.



Photomontage

As is to be expected from ROCO, the model impresses with a design exactly corresponding to the original: this includes the 3D engraved locomotive numbers and the arrow logo, as well as the SBB logos, which are painted on. The front ends of the models are just as carefully designed: Handle rails in prototypical material thickness or the

finely-executed tread plate will delight model railway fans. Depending on the design, the models feature train destination panels in the driver’s cab. The roof also looks impressive, with its realistic line layout and the fan grilles made from perforated etched sheet. The large base frame and an additional weight attached from above ensure high tractive force. As a perfect complement, two colourful wagon sets are also to be launched (Article no.: 7500002/ 7510002/ 7520002; 6200022/6200023), which are modelled on the so-called “Bözberg Interregio” trains.

Diesel locomotive class T 466.2, ČSD (7300003/7310003/7320003)

The new T466.2 is a true Eastern European classic. ROCO designers have paid great attention to all the refinements and subtleties of the original during implementation. The many railings and shunter handle rails immediately catch the eye. They are designed in prototypical material thickness. On the roof section, the free-standing roof hooks and the perforated protective grilles,

through which the fan impellers below can be viewed, are particularly striking. The low motor installation permits an unobstructed view through the replicated driver’s cab. The free-standing sand pipes, the braking system and other characteristic components have been mounted onto the chassis.

Photomontage



Electric locomotive 185 077-5, DB AG (70332/70333/78333)

ROCO places value on its promise to continuously update its products. For this reason, the TRAXX 1 family is to be relaunched with comprehensive optical and technical updates. The windscreen wipers are now

Photomontage



separately attached as detailed replicas of the original components. Also new: Handle rails made from painted metal on the front end of the locomotive add sophistication to the model. New snow ploughs of varying designs are now directly mounted on the chassis and can be replaced by

open or closed components depending on the type of operation. On the roof, current collectors are invisibly mounted to permit a free view through them. The model is illuminated with LEDs and the driver's cab can now also be lit up at the touch of a button. All models feature a Plux interface. In the digital versions, the models are produced with prototypical sound functions.

Electric locomotive series E.432 (also called "Trifase"), FS (70466/70467/78467)

Photomontage

For the first time, the series E.432 models are to be equipped with a Plux22 interface, which permits easy subsequent digitalisation. Sound versions are also available on the standard models for all lovers of railway sounds. The elaborate implementation of the current collectors immediately catches the eye on this ROCO model. It consists of countless parts and lines, a particularly impressive feat at a scale of 1:87! The sophisticated technical design of the chassis is also striking.



ROCO H0-gauge - advance notices

Long-distance double-deck trains belonging to the SBB (Article numbers to be decided)



Figure 1: Photo by D. Hausermann

The new long-distance double-deck trains belonging to the SBB connect all the different regions within Switzerland. With 62 trainsets currently on order, the RABe 502 trains form the largest train fleet in the SBB's long-distance service. This service covers large parts of Switzerland, with stations such as Geneva, Zurich, St. Gallen and Basel on the daily timetables.

ROCO is pleased to reproduce this important milestone in Swiss railway history as a finely detailed model in 1:87 scale. In an initial step, the 4-part versions of the IR100 as well as the 8-part IR200 are to be implemented. As usual for ROCO designs, the models will feature a wealth of functions in addition to fine detailing.

Nightjet belonging to the ÖBB (Article numbers to be decided)

The train as an environmentally friendly alternative to air travel is a pioneer in terms of sustainable transport. Since the end of 2016, the ÖBB is one of the largest transport companies to operate a regular and attractive night train service with popular destinations across most of Europe. The ÖBB and "Siemens Mobility" will put a total of 33 seven-part trainsets of the new "Nightjet" into service over the next few years. They each consist of two seating coaches, three couchette coaches and two sleepers, which offer the highest level of comfort and a high-quality interior design.



Figure 2: Symbolic representation of the ÖBB

Parallel to the prototype, ROCO is also working on the detailed implementation of this new "super train". As usual with ROCO products, the models will delight with optimised operating characteristics paired with high detailing. In addition to switchable interior lighting, the train destination displays can also be illuminated at the touch of a button.

ROCO H0 gauge shape variations and technical updates

Steam locomotive class 77 belonging to the ÖBB (70083/70084/78084) and class 354 belonging to the ČSD (70079/70080)



Photomontage

In the year 2023, further versions of the popular class 77 steam locomotive are to roll onto model railway tracks. The 77.28 belonging to the ÖBB is a special prototype of this distinctive locomotive. With the 354.130, a ČSD version based on the Czechoslovakian prototype is to roll onto model rails for the first time.

Both of these models are elaborate shape variations and, in addition to their perfect detailing, convince with their flawless printing and paintwork.

As usual with ROCO products, the models guarantee optimised operating characteristics even in case of demanding use.



Photomontage

Steam locomotive 03 0059-0, DR (70067/70068/78068)

ROCO is to produce the 03 0059 with a matching passenger coach set (6200028/6200029) to



Photomontage

commemorate this special period of service. The class 03.10 is able to withstand the closest scrutiny: a particular highlight is the prototypical and movable reproduction of the inner engine, a characteristic of the 03.10. As a

whole, the details on these Reko engines are beautifully worked and accurate to the prototype: fine etched sheet on the driver's cab roof, free-standing lines and wheelsets made from metal emphasise the high quality of the models.

Electric locomotive class 116, DB (70462/70463/78463)

This year, a class 116 model from the German Federal Railways is to be presented for the first time with new technical equipment.

This includes LED lighting, a new interface with PluX22 and models with prototypical sound. To accompany this model, two coach sets (74010/74011) are to be launched which reproduce a typical passenger train between Munich and Freilassing.

Photomontage



4-piece set: Gas turbine multiple unit class 602, DB (7700002/7710002/7720002)

The ROCO model is for the first time to be produced with LED lighting, and features the striking sound produced by both traction motors. However, this model is also striking in appearance, with its delicate

engravings on the coach bodies. The paintwork and printing of the sophisticated livery is as flawless on the model as it is on the prototype. Above all the highly-accurate reproduction of the sound in both gas turbines is thoroughly convincing in the digital

Photomontage



versions. As on the prototype, both engines start up separately from each other to produce the distinctive sound scaled down for home model railway layouts.

Fleischmann

This year, we at FLEISCHMANN will celebrate the introduction of the N-gauge range, which took place 55 years ago. 55 years which were - and still are - packed with innovative ideas and developments! Irrespective of whether we consider our first steam locomotives, or the introduction of the Fleischmann multi-train control system (FMZ): these were milestones which made our brand what it is today.

Following positive feedback regarding our last new design class 44 steam locomotive, a true icon is to roll onto N-gauge tracks in the year 2023! The class 01 is to expand our range of finely-detailed models as the ideal monument to this special class. It is a delicately-crafted model implementation which is also perfect for pulling express trains on your home railway layout. A further classic is to be launched in the form of the newly-designed class V100 diesel locomotive belonging to the German Federal Railways. These locomotives are still used by countless railway administrations today, in part painted in colourful liveries, to the particular delight of all collectors.

This year again, more models are to be reproduced with technical innovations. The class 86 steam locomotives, for example, are to be manufactured for the first time with a new interface and in sound design.

FLEISCHMANN N-gauge new designs

Steam locomotive 01 161, DRG (714503/714573)

The class 01 model in the Deutsche Reichsbahn Gesellschaft (DRG, German State Railway Company) version reproduces all the specific characteristics of the locomotive's initial years of service. Here the most conspicuous feature is the type T32 tender, which will delight model railway fans with its delicate rows of rivets. But the coal structure is also skilfully reproduced in every detail. The bogie covers are also beautifully crafted.

The long boiler of the 01 impresses with its numerous lines

and the prototypical dome arrangement. In accordance with the original, the driver's cab roof also features a light-coloured paint coating. The model is to roll onto N-gauge tracks with the large Wagner smoke deflectors, and the impressive original smokebox doors with central locking system. An authentic Epoch II express train is to be launched to match the class 01. In addition to the two express train coaches, the ABC and the Prussian-type postal wagon are particularly striking.



Photomontage

Steam locomotive 01 102, DB (714505/714575)

The German Federal Railways 01 design represents the typical operating condition for Epoch III. The most striking features are the Witte-type wind deflectors and the classic T34 tender. On the driver's cab, the modernised visibility screens as a typical feature of the Federal railways catch the eye immediately. The air or feed pump is correctly positioned on the circulation lines.

Under the circulation lines, the strikingly large driving wheels of this class 01 version really stand out.

Together with the delicately-crafted control, they show what possible today at a scale of 1:160.



The front end of the locomotive already been adapted for the Federal Railway standard with the classic DB smokebox door, and the finely-worked lamps with free-standing mounting brackets and the detailed buffer beam are impressively realistic. The DB 01 locomotives are also to receive the perfect companions in the form of a 4-part express train with attractive skirted wagons and a baggage wagon with raised cab for the guard.

The class 01 models are equally impressive in technical terms. In addition to optimum driving characteristics, model railway fans can enjoy the high tractive force of these models, which they will need to transport the express trains. In the digital versions, the switchable driver's cab and engine lighting as well as prototypical sound functions will delight their operators.

Diesel locomotive class 211, DB (721210/721280 and 721213/721283)

CAD Zeichnung/CAD drawing



The completely newly developed FLEISCHMANN model is to be produced as a true to scale, detailed and contemporary model. The free-standing shunter's handle rails and the detailed buffer beam design catch the eye immediately. Depending on the design, the models will be equipped with a snow plough. The

Rendering

multitude of prototypical engravings on the bogies are extremely impressive. It is possible to look through the outlined driver's cab and see how compactly all the technical components have been accommodated. To increase the weight, the motor stems are made of high-quality die-cast zinc. In the digital versions, the standard model is equipped with a sound decoder, using which diverse sound functions, but also driver's cab illumination is possible.



FLEISCHMANN N-gauge shape variations and technical updates

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8-piece set: Gas turbine multiple unit class 602, DB (7760001/7770001)

Photomontage



The FLEISCHMANN model now features the striking gas turbine sound in both end cars and is represented in the design with Intercity labelling. Above all the fine engravings and delicate details characterise this attractively-designed multiple unit. The sharp paint finish and flawless printing are also impressive on a small scale. The class 602 is a true classic which should not be missing from any collection and which is a skilful reproduction of the typical appearance of the German Federal Railways at that time.

ROCO and FLEISCHMANN: New article numbers

We are launching our new article number system with this innovations programme. We have designed this system as simply as possible so that you can find the designs you require quickly and efficiently. During the transitional period, the tried and tested ROCO and FLEISCHMANN article numbers will be used in parallel.

1	0	X	Electronics
4	0	X	Accessories
5	1	X	Starter set
5	3	X	Starter set "Premium"
5	5	X	Train set
5	7	X	Train set "Premium"
6	1	X	Passenger Car Start
6	2	X	Passenger Car Standard
6	5	X	Freight wagon Start
6	6	X	Freight wagon standard
7	1	X	Steam Locomotives
7	3	X	Diesel locomotives
7	5	X	Electric locomotives
7	7	X	Railcars

X	X	0	H0 - DC
X	X	1	H0 - DCC / Snd.
X	X	2	H0 - AC
X	X	3	H0 - special case
X	X	4	H0e - DC
X	X	5	H0e - DCC / Snd.
X	X	6	N - DC
X	X	7	N - DCC / Snd.
X	X	8	TT - DC
X	X	9	TT - DCC / Snd.

ROCO example:

Electric locomotive 151 070-0											
7	3	3	6	8	7	5	0	0	0	0	8
7	3	3	6	9	7	5	1	0	0	0	8
7	9	3	6	9	7	5	2	0	0	0	8
Electric locomotive 1293 200-2 "Nightjet"											
7	1	9	7	5	7	5	0	0	0	0	9
7	1	9	7	6	7	5	1	0	0	0	9
7	9	9	7	6	7	5	2	0	0	0	9

FLEISCHMANN example:

Electric locomotive 1293 200-2 "Nightjet"												
7	3	9	2	8	1	7	5	6	0	0	0	1
7	3	9	3	5	1	7	5	7	0	0	0	1
Steam locomotive BR 043												
7	1	4	4	0	4	7	1	6	0	0	0	1
7	1	4	4	7	4	7	1	7	0	0	0	1
Steam locomotive 64 518												
7	0	6	4	0	4	7	1	6	0	0	0	2
7	0	6	4	8	4	7	1	7	0	0	0	2

Modelleisenbahn GmbH

The Modelleisenbahn Group, based in Bergheim near Salzburg (Austria), is the European market leader in the direct current segment, as well as being ranked number two in the European market for model railways. Due to its high innovative force, the Modelleisenbahn Gruppe is the international innovation and technology leader. Featuring the model railways of its two brands, ROCO (www.roco.cc) and FLEISCHMANN (www.fleischmann.de), the Modelleisenbahn Holding GmbH focuses on producing a superb standard of processing and detail as well as a fair price-performance ratio. With the digital controller z21 (www.z21.eu), the Modelleisenbahn Gruppe continuously sets new standards in model railway control. We strive to consistently improve the fun factor for model railway enthusiasts.

ROCO is pure model railway enjoyment – with great details and technology!

ROCO's aim is to further develop the high play value of model railways through the use of digital technologies. Here the focus remains on great attention to detail in the reproduction of original vehicles. Therefore, ROCO is continuing to prioritise maximum quality in design and processing and the use of ultra-modern technologies and production methods.

FLEISCHMANN – tradition and passion for your hobby!

FLEISCHMANN sets the highest quality standards in model development. A company characterised by long-standing tradition and a passion for hobby model railways, FLEISCHMANN focuses on robust durability and enduring driving performance in order to continuously develop the high play value of your model railway.

You can find more information under www.moba.cc / www.roco.cc / www.fleischmann.de / www.z21.eu - or alternatively by contacting the following address:

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