## NOVELTIES 2025

citt nightjel

www.fleischmann.de







#### Fleischmann

#### Dear FLEISCHMANN fans,

The new product year 2025 is just around the corner, bringing a veritable fireworks display of special models!

The highlight of this year is the brand-new construction of the ÖBB Nightjet! It is an absolute dream model that no collection should be without. All carriages are accurately replicated in 1:160 scale, faithfully reproducing the large originals. Perfectly inserted windows and detailed air conditioning units on the roof complete the elegant appearance. For the first time in the FLEISCHMANN range, the model is also available directly from the factory with built-in interior lighting and current-carrying couplings. This makes operating the small model at night an exceptional experience!

But fans of classic railways will also get their money's worth this year! For enthusiasts of the Austrian federal railways, the 1010 and 1110 class electric locomotives are rolling onto N-gauge tracks. The models have been completely revised and are particularly stunning with their detailed fronts and separately attached parts, such as the windscreen wipers. The roof also leaves nothing to be desired: the pantographs have been entirely redesigned and, depending on the prototype version, are convincingly rendered without fastening screws.

Swiss railway fans don't have to look to Austria for new models either: the Alpine classic, the Ae 6/6, has received a visual and technical makeover. Filigree pantographs with an invisible attachment are sure to impress. In addition, the driving characteristics of the models leave nothing to be desired, impressing with powerful and tractive engines!

Some models are also being introduced as technical revisions, directly to you! The popular railbus class VT 95 has been technically upgraded, and the ICE 2 is equally presented with technical revisions, featuring authentic sound functions.

Enthusiasts of modern transport will highly appreciate the new variants of the popular FLEISCHMANN Vectron. A perfect complement is the T3000e double pocket wagon, making it an ideal addition to the diverse selection of combined transport models.

But now, enough words - We wish you an enjoyable time exploring all of them.

#### Your FLEISCHMANN TEAM

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# Content

# FASCINATION OF N-GAUGE

DC



### Fleischmann NIGHTJET NEW design

In 2018, ÖBB attracted a great deal of attention on the European railway market by ordering a new generation of night trains. Together with Siemens Mobility Austria, they presented the new vehicle generation based on the "Viaggio Comfort Next Level" passenger coach family only a short time later. Special attention was paid to state-of-the-art technology and collaboration with innovative partners. The specially developed lightweight bogies from the Siemens plant in Graz ensure smooth running and a perfect night's sleep for the passengers. The final production of the coaches, including final assembly, takes place at Siemens in Vienna. The windows of the coaches have a special surface that makes mobile communications in the train easier.

But the concept of the individual sleeping and couchette coaches alone is completely new in night train operation: In addition to high-quality 2- and 4-person compartments in the sleepers, which among other things feature their own toilet with shower facilities, it is mostly the Mini Cabins that are causing a sensation. They offer everything you need when travelling: Shelves, a folding table, reading lamps and separate storage facilities for shoes and luggage. Small seating areas in each mini cabin alcove are designed to encourage socialising, which is ideal for young travellers or groups. All in all, ÖBB will receive 33 7-piece trainsets, which it will use in Austria, Germany, Italy, Switzerland and the Netherlands, as well as in other countries. Maintenance of the modern trainsets will be carried out at the ÖBB plant in Vienna Simmering, which has been given its own modern maintenance hall especially for this purpose.







### NIGHTJET, ÖBB IN DETAIL



 Handle rail repositioned as a free-standing element



Separately applied details on the control cab coach



Roof area realistically reproduced



Rendering



Buffer beam completely covered



 Areas of the skirting elaborately reproduced



End car elaborately implemented











#### Electric locomotive 1116 195-9 "Nightjet"



7500000	The locomotives previously in the Nightjet design have been given an overhaul. Instead of foiling, preference was given to a livery scheme in the colours of the latest Nightjet design. The previously used starry sky is now a thing of the past.
Ep VI <b>  4</b> 121 <b>  4</b>	NEM 051 0, •• LED NEM 051 0, •• LED Cab







#### Steam locomotive 44 089



Photomontage

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NEM

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The locomotives were capable of hauling trains with a total load of 1,200 tonnes, and 600 tonnes on steep ramps. Known as "Jumbo" due to their high tractive power, the steam locomotives were widely used in Germany and many other European countries. They could reach a maximum speed of 80 km/h forward and 50 km/h in reverse. From 1937, the majority of locomotives were ordered with welded tenders, but these were immediately replaced with older riveted tenders from express locomotives.



#### Steam locomotive class 92.5-10





#### 4 piece set: Freight train









#### Steam locomotive 86 049





#### Steam locomotive 055 635-7

DB



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The Prussian Class G 8.1, of which almost 5.000 units were built, had a power output of 1.260 hp and reached a top speed of 55 km/h. The locomotive was mainly used in goods trains and for heavy shunting services.









#### Steam locomotive 01 200



Photomontage



Next18

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The two-cylinder engines of class 01 are considered the first express train locomotives to be produced according to the standard construction programme. The first construction lots had leading wheels with a diameter of 800 mm and were approved for a maximum speed of 120 km/h. Later models, starting from 01 102, were equipped with 1.000 mm leading wheels and reinforced brakes, allowing for an increased maximum speed of 130 km/h. The golden age of the class 01 locomotives began in 1934 with the summer timetable. The high level of commitment and performance expected from them in the following years posed significant challenges for both the locomotives and the personnel. After the Second World War, these standards were not achieved again until the introduction of electric locomotives and large-scale diesel locomotives. In 1935, locomotive 01 200 was transferred from Henschel to the Hof depot, and from there it was called upon to haul fast and express trains between Bamberg and Hof on the Schiefen Ebene line.





#### 2<sup>nd</sup> class express train coach with luggage compartment





#### 2<sup>nd</sup> class express train coach







#### Steam locomotive 638.1809

ÖBB

Q1/2025

6260055

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Photomontage

Q1/2025				
7160021	DC	4/2		With
7170021	DCC	4/2		After
Ep III		122	00	

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NEM

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R1

ith almost 4,000 units produced, the Prussian P 8, later classified as class 38, went down in history as one of the most powerful steam locomotives of times in terms of number. ter the turmoil of the two world wars, they were in service with almost all European railway administrations. Five locomotives ultimately remained in Austria and formed ÖBB class 638.

#### 3 piece set: Passenger train



The design of the compartment coaches dates back to the early days of the railway. The "pr 11" design was one of the last Prussian compartment coaches built with a skylight roof and at the same time the most frequently built passenger coach on German soil. The three-axle and two-axle coaches were available with and without a brakeman's cab. Some models are still kept at museum railways today. ÖBB also purchased various Prussian compartment coach vehicles.



 Q1/2025
 A milestone in the inservice with a class designation

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**R1** 

A milestone in the development of Prussian passenger locomotives was the P 8, as the later class 38 was called in both East and West. After the turmoil of the two world wars, they were in service with almost all European railway administrations. In Belgium, the SNCB still had 148 operational machines. With the renumbering plan of 1946, the locomotives were given class designation 64.

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#### 24



#### Steam locomotive class 232 TC

SNCF



Round roof
 Model with a tightly soldered-in digital decoder built-in from factory (7170025)

Photomontage



The SNCF purchased twenty-seven locomotives of type T18 from the Reichseisenbahnen in Alsace-Lorraine. The locomotives were built between 1915 and 1918 by the Vulcan works. They were stationed in Strasbourg, Haguenau, Sélestat, Colmar, and Mulhouse. Due to their incredible top speed of 100 km/h, large water reservoir, and much-appreciated smooth-running characteristics, they were mainly used in fast suburban traffic. The last 232 TCs quit regular services at the SNCF and were decommissioned in 1966.

#### 3 piece set: Passenger train









#### Electric locomotive E 10 228 Version with rain gutter, double lamps and all-around handle rail - ----**INCOME** Switchable headlight or tail light in digital mode Photomontage



NEM

•••••• NEM 651

••••• NEM 651

NEM

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LED

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DB

The E 10 class locomotives were put into service by the Deutsche Bundesbahn in 1956 for heavy express and fast trains on main lines. The locomotives reached a top speed of 150 km/h and had an output of 3,260 kW. During production (starting with E 10 216), the large single lamps were replaced by two smaller lamps (one as a headlight and one as a tail light); this version was designated E 10.2 according to the serial numbers.





BZA Munich, Kraus-Maffei and SSW developed class E 40, which largely corresponds to the E 10.1 in terms of its technical design, for hauling heavy freight trains on main lines in the lowlands. Only the gear ratio was changed and an electric brake was not fitted as standard. Over 800 of the 110 km/h machines were put into service from 1957. Their power output was 3,260 kW. In 1968, it was redesignated class 140. For a long time, it carried the main load of freight trains on electrified lines, but was also used to pull passenger trains. It was decommissioned at the end of 2016 after almost 60 years of service with DB.

## Fleischmann ELECTRIC LOCOMOTIVE CLASS 120, DB/DB AG

The Class 120, a pioneering three-phase locomotive, achieved remarkable speeds that still inspire awe today. In 1979 and 1980, five prototypes were built with three-phase asynchronous traction motors. These locomotives, certified for 160 km/h, were all approved for 200 km/h after extensive test runs. In 1984, the 120 001 set a record speed of 265 km/h.

The extensive tests of this first universal locomotive ultimately took too long for the DB; it needed the new vehicles as quickly as possible. Any weak points were to be remedied in the follow-up series 121 (which was never realised). In addition, the Deutsche Bundesbahn had reoriented itself in terms of its intended use during the construction period in 1986: the locomotives were now to be used mainly in fast passenger services. As a result, the gear ratio had to be changed to achieve better pulling power at high speeds. This was implemented starting with the 120 137 locomotive.

Due to various difficulties during production, acceptance testing and the opening of the new lines, it was even a curiosity that the DB accepted all 60 locomotives in the summer of 1988; however, all 60 locomotives were actually available for service in May 1989. Class 120.1 could have represented an optimal design if its development had been given a bit more time. In addition, the brand-new locomotives were subjected to excessive wear and tear in the early years, with running times of 22 hours per day not uncommon. During the day, they often thundered along the new lines with InterCity trains, and at night, they returned in a "night jump" ahead of heavy goods trains.

Due to technical progress in rail vehicle technology, Class 120 is now considered obsolete. A small fleet of class 120 still ran according to schedule on the Stuttgart-Karlsruhe and Stuttgart-Nuremberg routes until July 2020. The last scheduled journey of the Class 120 in DB long-distance services took place in July 2020 with IC 2161 from Stuttgart to Munich. Some vehicles have since been sold to private railway companies.









DB

#### Electric locomotive 120 001-3

Precise realisation of the pre-series locomotive

- Fine windscreen wipers
- Roof garden, multi-part and elaborately modelled
- With switchable headlight or tail light and driver's cab lighting in digital mode

**NEW** design







#### Electric locomotive class 120.1

DB AG

- Precise realisation of the Class 120.1
- Fine windscreen wipers
- Filigree design of the pantographs
- Roof garden, multi-part and elaborately modelled
- With switchable headlight or tail light and driver's cab lighting in digital mode











### <u>Fleischmann</u>





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LED

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R1

Photomontage



DR

RAILADVENTURE

In the 1980s, the DR purchased electric dual-system locomotives to enhance its ability to manage cross-border traffic operations and the steadily growing traffic volume on the lines between the GDR and Czechoslovakia. However, due to a lack of experience in dual voltage technology (GDR: AC voltage 15 kV/16 2/3 Hz, CSSR: DC voltage 3 kV) and the full capacity production at the electric locomotive manufacturer LEW in Hennigsdorf, the locomotives were built based on the CSD series ES 499.1 and 499.2. The Škoda locomotive factory had no prior experience in manufacturing locomotives for the AC system 15 kV/16 2/3 Hz. Consequently, the AC equipment components were sourced from the GDR. The CSD's demand led to a double order for Škoda, resulting in 15 locomotives of class 372 and 20 locomotives of class 230 for the DR.





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NEM

NEM 651

As one of four classes in the German Federal Railway product range for standard electric locomotives, the E 40 was also developed as a locomotive for pulling freight trains on flat terrain. For gradients, 31 locomotives were delivered with resistance brakes independent of the contact wire and designated as substructure class E 40.11. This multi-purpose locomotive was used on the Höllentalbahn railway, among others. From 1968, the class designation of these locomotives was changed to 139 (ex E 40.11) to suit computer compatiblety. To this day, a few of these locomotives are still in service with private railway companies.



#### Electric locomotive 193 818-2

SIEMENS

- Used as an advertising medium for Siemens
- Switchable high beam and separately switchable headlights/taillights



Photomontage








 Switchable shunting light and individually switchable headlight or tail light in

digital mode





•••••• NEM 651

LED

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Deutsche Bahn class 101, the successor to the proven but technically obsolete class 103, was equipped with the latest technology. The three-phase asynchronous motors with single-axle drive had a continuous output of 6,400 kW and a starting tractive force of 300 kN. This enabled it to reach a top speed of 220 km/h. A total of 145 units of class 101 were put into service between summer 1996 and the end of 1999. The first three locomotives were still painted in the oriental red colour scheme.

Photomontage

DB



DB

Electric locomotive 103 233-3



Photomontage



NEM

••••• NEM 651

LED

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**R1** 

Z21

38

Cab

In the mid-1960s, the E 03 class was created. It was the most powerful DB locomotive to date and was intended to haul heavy passenger trains. Between 1970 and 1974, 145 series locomotives were put into service. The last 30 locomotives (from 103 216 on) were given an enlarged driver's cab, making them 700 mm longer. After completing her official service period, many fans of this locomotive class suggested that a new traffic red livery with a colour-contrasting frame be designed for the locomotive. This new design is similar to the classic 103 locomotives, which feature a red/beige colour combination. The ROCO company acted as a sponsor for this livery. As a unique feature during the presentation, the locomotive received a dedication text under each right-hand side cab window.



#### 3 piece set 1: Passenger coaches "IR 2471"



## Heischmann

# ICE 2 UPI CLASS 402, DB AG

The of the Deutsche Bahn uses the ICE 2 in the form of half-length trains, which consist of a power car, six intermediate cars and a driving trailer. If necessary, two half-length trains can be coupled together to form a full set.

If possible, the full sets run with driving trailers at either end, so that the 250 km/h speed can be reached at both ends of the train. However, combinations of power car/driving trailer or power car/ power car are also possible. The class 402 power cars differ from their predecessors mainly in the modified front end, which can be opened for coupling. The driving trailer is also equipped with this front end.



## Fleisc<u>hman</u>n





DB AG

#### 4 piece set: Electrical multiple unit ICE 2 (class 402)



- With green stripes on the end cars
- In "Redesign 2005" operating condition
- For the first time with Next18 interface and LED headlight



805.0





#### 4 piece set: Intermediate coaches ICE 2 (class 402)

DB-AG

In "Redesign 2005" operating condition

Also suitable for ICE-2 start set, art. no. 931884





## **ELECTRIC** LOCOMOTIVE CLASSES 1010/1110/1110.5, ÖBB



In the booming post-war years, the Austrian federal railways also focused on modernisation. The most important railway lines in the country were electrified and could now be used at a maximum speed of 120 km/h. However, the older electric locomotives were only suitable for such operations to a limited extent, which is why the ÖBB commissioned the construction of a new locomotive. This led to the development of the Class 1010 in the mid-1950s.

The twenty express train locomotives of Class 1010, delivered from 1955 onward, were based on Classes 1040 and 1041 but offered significantly greater power. The six-axle electric locomotives, with a power output of 4,000 kW, reached a maximum speed of 130 km/h. For use on the mountainous lines of the Tauern, Brenner, and Arlberg railways, a series of locomotives with higher power and a slightly lower maximum speed was developed based on this design. These locomotives were incorporated into the ÖBB as the Class 1110. Another version, equipped with an additional electric brake, was designated as the 1110.5. The braking resistor boxes on the roof distinguish these locomotives from other models. With a maximum speed of 110 km/h, the 1110 and 1110.5 classes were used for both express and goods train services and were accordingly deployed across Austria.







#### Electric locomotive class 1110

ÖBB



- Rich detailing on the model with many separately applied plug-in parts
- Switchable headlight or tail light and driver's cab lighting in digital mode





### ELECTRIC LOCOMOTIVE CLASS 1110 IN DETAIL





■ Windscreen wiper filigree replica



 Delicate current collectors with invisible fastening



Bogies deeply engraved



Rendering



Handle bars attached separately at the front



Prototypical design of the lamp types



Buffer beam can be fully retrofitted



#### Electric locomotive 1044 107-9



#### Electric locomotive Re 4/4 II 11214 + SBB 11214 588 FFS 1.37 -Photomontage Q3/2025 732401 ■ Filigree design of the pantographs 732471 (1) Closed rail scrapers included in the package IV 96 NEM Next18 CH ...... R1 Zzı Cab Switchable headlight or tail light and driver's cab lighting in digital mode 48



#### Electric locomotive double traction Re 10/10



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The double traction of the Re 4/4 II and the Re 6/6 is named Re 10/10 for simplicity. This designation is derived from the ten powered axles that the double train has and, therefore, does not refer to a particular locomotive type. The Re 10/10 are used by the SBB almost exclusively in front of heavy goods trains on the Saint Gotthard line. The potent duo manages to pull the allowed maximum load of 1,400 tonnes with the towing hook at a speed of 80 kilometres per hour on a gradient of 26 per thousand.



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SBB

7570048

VI

#### Electric locomotiv Re 421 394-8



Photomontage



From 2021, six daily connections with a journey time of 3.5 hours will be offered between Zurich's central station and Munich's main station. The reason for the acceleration is to close the electrification gap in the section of the Deutsche Bahn line between Geltendorf and Lindau. SBB Personenverkehr has wrapped two of its Re 421 locomotives in dark blue advertising livery to draw attention to this. The locomotives are mainly used between Zurich HB-Lindau and Zurich HB-Singen.

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#### Electric locomotive 193 451-2





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#### Electric locomotive 460 078-9 "Nendaz"



Photomontage



NEM

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Since May 2023, the 460 078 class has been advertising for the "Swisstainable on the Road" campaign by Schweiz Tourismus. Swisstainable is the sustainability strategy of Schweiz Tourismus and the tourism industry. The aim is to promote sustainable travel. That is why the locomotive bears the advertising message "Nendaz and I", which refers to travelling from the tourist resort of Nendaz, located in the canton of Valais, into the whole of Switzerland.





## Fleischmann ELECTRIC LOCOMOTIVE CLASS Ae 6/6 SBB

To replace the Gotthard "Crocodiles", the Swiss Federal Railways began acquiring universal locomotives of the Ae 6/6 class in 1955. These locomotives quickly proved to be ideal workhorses, particularly on the Gotthard route, where they efficiently transported increasingly heavy train loads at high speeds over long inclines. The slower "Crocodile" locomotives struggled with the heavily utilized track sections, taking too long to complete their journeys.

With a power output of 4,410 kW, the Ae 6/6 locomotives were designed for a maximum speed of 125 km/h. However, due to the impact of their three-axle bogies on the tracks when navigating curves, their permissible speed was limited to 110 km/h and further reduced to 100 km/h on switch sections. An eventual increase in speed for the "A" train series allowed a maximum speed of 120 km/h.

By 1966, a total of 120 Ae 6/6 class locomotives had been put into service. The first 25 of these are designated as cantonal locomotives, as they feature the coats of arms of the 25 Swiss cantons. The locomotives are adorned with chrome trim lines, a distinctive "moustache" on the front, and coats of arms on the sides. This decorative design became quite popular, making these powerful locomotives renowned throughout Europe.



## Fleischmann





### ELECTRIC LOCOMOTIVE Ae 6/6, SBB IN DETAIL



Extra applied windscreen wipers



New filigree insulators and roof cables



Dainty pantographs



Rendering



Separately attached handle rails

## Fleischmann

#### Electric locomotive Ae 610 487-1

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SBB



Photomontage

 Featuring the "Langenthal" emblem
 With switchable headlight or tail light and driver's cab lighting in digital mode

SBB CFF FFS Cargo

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Ae 610 487



#### Electric locomotive BB 426063 "FRET"







Created together with FLEISCHMANN, an electric locomotive of the 1600 series shines with an eye-catching design. An attractive ambassador locomotive has been designed featuring the "Tommie and Tess" children's books. Charming motifs from these popular books decorate the sides of the locomotive and make it an absolute must-have for every collector.

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#### Railbus VT 95 with trailer VB 142

DB

DB



 For the first time with Next18 interface and LED headlights on the lower lamps

UP date

Photomontage

- No annoying cable connection between the the two units
- Skylight window above the driver's cab Only for 7770005:
- Switchable headlights and interior lighting
- Railbus and trailer with decoder

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The red railbuses, known as the "rescuers of the branch lines", were introduced in the 1950s. The FLEISCHMANN model is based on the VT 95 single-motor railbus with the shorter VB 142 trailer. Today, DB still uses the VT 95 with the trailer VB 142 as a museum vehicle. Since the trailer did not have the equipment of a control cab coach with a driver's cab, the railbus could not be used for a permanently coupled push-pull train in a 2-part operation. As a result, it always ran with the "motor car ahead" and needed to be switched at the destination station.

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#### **Diesel locomotive class 260**





The Deutsche Bundesbahn procured 942 locomotives of the class V 60/V 60.1 from the mid-1950s to use them for heavy and light shunting services. The difference between the series V 60 (260) and V 60.1 (261) consists of the higher friction load of the Class 261. The machines achieved a top speed of 30 km/h during shunting manoeuvres and a line speed of 60 km/h. It has a power output of 478 kW. After the decommissioning of the first locomotives in the 1980s, many of them were delivered to domestic and foreign railway administrations.



#### Diesel locomotive 211 319-9

DB



Photomontage



Class V 100 was purchased in series from 1961/62 after testing pilot series machines. It was used in mixed branch line operation on non-electrified lines and in light service on main lines. With an output of 1,100 hp (810 kW), it was approved for 110 km/h. In 1968, the locomotives were renamed class 211. After the classic red, many machines were given an ocean blue/beige colour scheme from 1974/75.

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#### Diesel locomotive 218 144-4



**62** 



#### Diesel locomotive 218 054-3

PRESS



 Rail scraper attached to the package
 Switchable headlight or tail light and driver's cab lighting in digital mode

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7370022	DCC	<b>L</b> )	4/1	
Ep VI		( <b>= =</b> )	102	

Locomotive 218 054 became part of the PRESS fleet at the beginning of 2020. It was the 54th locomotive to receive this running number. Originally delivered to DB in 1977 as 218 448, it was most recently in use by DB Regio Niedersachsen.

Photomontage

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#### Diesel locomotive 120 272-0

DR



- Roof variant with silencer
- Stationed at Railway Mangement Dresden, Dresden depot



Photomontage

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••••• NEM 651

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The V 200, later Class 120, with its 1,470 kW, is ideally suited for goods train service. This type was in the tried and tested M 62 design, which had been supplied to Soviet and foreign railways in Luhansk (Ukraine) for many years. From 1966 to 1975, the railway company of the German Democratic Republic purchased 378 locomotives of this class.



DR

DR

#### Diesel locomotive 106 382-5



 Q1/2025
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From 1960 to 1982, the DR procured class V 60 shunting locomotives. Despite being well received by staff and workshops, some improvements were made after delivery of the first class. The friction mass was increased to 60 tonnes by installing a 5 tonne ballast weight. The most noticeable external change was to the driver's cab. It then had the same width as the frame and was equipped with a sun canopy. The improved design was delivered from 1964 as the V 60.12, and after the DR changed the numbering system, it was designated as class 106

#### Diesel locomotive 118 104-9





NEM

The locomotive series V 180 of the Deutsche Reichsbahn was the largest diesel series ever built in the GDR. It was initially built in a four-axle version with two 2-axle bogies - later there were also 6-axle variants. The six-axle version with a low axle load of 15.6 t is even today still considered to be a masterpiece of the engineers involved. The low axle load allows for an universal use so the locomotive can also operate on branchlines. In addition to that, it has also the license to haul trains over steep railway sections. The resulting potential application area is unique with large German diesel locomotives.

## Fleischmann





#### Beilhack rotary snow blower

ÖBB Infra

- Digital functional model
- Self-propelled model
- Large impeller wheels fully functional
- Vehicle platform can be turned 180°
- Elaborately designed model with many digitally switchable functions



Photomontage

In 2019, the ÖBB-Infrastruktur AG put a new high-performance snow blower in service. Even two 793 kW (approx. 1,100 hp) MAN twelve-cylinder motors are installed in the locomotive, which is used to clear snow-covered railway tracks. One motor powers the vehicle, and the other operates the blower. The snow blower can handle up to 10,000 tonnes of snow per hour with a throwing range of 40 metres. It is allowed to run at speeds up to 100 km/h during transfer travels. A rim that can be rotated by 180° lets it turn on the spot. So railway companies can cope with even the most demanding alpine weather conditions.

Note: The model can only be used to a limited extent in analogue mode, so we recommend digital operation. In analogue mode, the snow blower starts to move, the headlights and the driving sound are activated and the blade wheels also turn.



**R1** 



#### Beilhack rotary snow blower

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SBB

Q2/2025 73<u>70021</u>

VI

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104

LED

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**R1** 

- Digital functional model
- Self-propelled model
- Large impeller wheels fully functional
- Vehicle platform can be turned 180°
- Elaborately designed model with many digitally switchable functions



Photomontage

The decommissioning of the rotary steam snow blower used on the Gotthard and the need to expand the snow blower fleet and have a reserve, led to the procurement of two selfpropelled diesel rotary snow blowers from Beilhack, Rosenheim (Germany) in 1980. The Beilhack type, which had already been supplied to Norway and Austria, also proved effective on the Gotthard, with the two snow blowers being or having been stationed in Göschenen and Erstfeld. A special feature of this type is that the entire control platform can be rotated by 180°, allowing the snow thrower to change its working direction.

**Note:** The model can only be used to a limited extent in analogue mode, so we recommend digital operation. In analogue mode, the snow blower starts to move, the headlights and the driving sound are activated and the blade wheels also turn.





#### Diesel locomotive 340-020-3

RENFE



Photomontage



#### Diesel locomotive M62 263



70



#### Diesel locomotive 761 102-3

.

METRANS



- Model exclusively available at FLEISCHMANN
- Elaborate realisation in anniversary design
- Switchable headlight or tail light in digital mode
- In co-operation with Railcolor Design

Photomontage

Q2/2025		
7360029	DC	4/1
7370029	DCC 🞝)	4/1
Ep Vi		121

In 2023, Metrans' 761 102 was given an eye-catching advertising livery with the motto "Past, Present, Future". The grey front part represents the past, the yellow and red side parts represent the present, and the other blue front part represents the future. If you look closely, you'll notice that the grey front part, representing the past, has the original company logo, which can still be seen on some other Metrans Hercules today, while the blue front part, representing the future, has the new logo.

		101					1		1
VI	(= =)	121	NEM	Next18	ಁಁೣೢ●●	LED	ANN	R1	








### z21 start digital set: Diesel locomotive class 221 with goods train



#### THE SET CONTAINS:

- 1 digitally controlled class 221 diesel locomotive
- 3 self-unloading hopper wagons
- 1 z21 start
- 1 Z21 multiMAUS
- 1 plug-in power supply unit





z21 is a modular design digital system:

- Begin with z21 start-Zentrale and Z21 multiMAUS
- Upgrading with a WiFi router and activation code, item number 10814, and thus the use of a smartphone, Tablet-PC, Z21 WLANMAUS and computer (Softwareprotected model train control) is possible.
- If you already have your own WiFi router and you know how to work with WiFi networks, then the activation code 10818 is sufficient for the aforementioned upgrade.



Photomontage



# Fleischmann





### 1<sup>st</sup>/2<sup>nd</sup> class center entry coach





IV

334

NEM

LT10

### 2 piece set (1): Double-deck coaches



Models in an authentic "mustard" hue

**76** 

# Fleischmann







### IC/EC 2<sup>nd</sup> class large-capacity coach



78



### IC/EC 2<sup>nd</sup> class compartment coach





2<sup>nd</sup> class fast train coach

ÖBB



Q2/2025 6260063 6260064 Ep IV ► 131 ► MEM ▼ 944501 ■ Item no. 6260064: Modified running number

80



### 1<sup>st</sup> class express train coach







### 1<sup>st</sup> class passenger coach

+

SBB



### 2<sup>nd</sup> class passenger coach





Photomontage

### Dining coach

Q3/2025 6260059

V

165

Bt

NEM



TRADADA TION-1

■ With function decoder for light changes (white/red) for both analogue and digital mode

----

SBB CFF FFS

Original version

· 945301

LED



### 1<sup>st</sup> class express train coach





### 2<sup>nd</sup> class express train coach











#### Carbonic acid wagon



### Double container carrier wagon



### Acid transport wagon







### 4 piece set: Goods train

distant of

DB			
Pwg	Otmm 64	Gmhs 53	Rms Photomontage
Q2/2025 6660119 Ep III ⊨ 251	The set contains a caboose, type Pwg, a self-	unloading hopper wagon without a swivel roof, type Otmm 64, a	covered wagon, type Gmhs 53, and a stake wagon, type Rms.
Sliding tarpaulin wagon		Pressurised gas tank w	ragon
DB		DB	
Rins	Photome	nntage Zags	Photomotage
Q3/2025   6660113   Ep IV   ▶ ■ 124	attached handle rails	Q3/2025 ■ Version   6660081 ■ 110	without sunroof











Photomontage







# Dust silo wagon



# Container carrier wagon AAE -Q4/2025

NEM

Sgnss

123

(= =)



6660126

VI



# ARTICULATED DOUBLE-POCKET WAGON T3000e

The first pocket wagons were built back in the early 1970s and procured by a number of European railway administrations. Over time, they were adapted and further developed to meet the constantly increasing requirements.

The "T3000e" mega trailer pocket wagon is the further development of the "T2000" type. The loading space with a pocket width of 2,700 mm is adapted to the low-lying vehicle parts of the megatrailers. This means that megatrailers can be transported without having to fold away essential parts of the semi-trailer. The length over buffers is 34,200 mm. However, trailers of older designs as well as swap bodies and containers up to 7.82 metres long can also be loaded. No 30' containers can be loaded due to the folding latches located in fixed centre positions.

The pocket wagons are equipped with outer longitudinal girders so that the so-called pockets in which the wheels of the semi-trailers are placed are as close as possible to the top of the rail. This is necessary to ensure compliance with the railway loading gauge. The wagons are equipped with a height-adjustable trestle on which the kingpin of the semi-trailer is secured. Over the past ten years, the "T3000e" has become the most popular wagon for the transport of semi-trailers and swap bodies in combined transport.



# Fleischmann





# T3000e IN DETAIL



With and without a protective guard



 Trestle in a high position for semi-trailers and a low position for loading containers



Prototypical model implementation of the swivel







### Articulated double-pocket wagon T3000e



■ Loaded with four "DHL" swap bodies

NEM

214

VI



ÖBB

### Articulated double-pocket wagon T3000e





### Articulated double-pocket wagon T3000e







### Container carrier wagon





### Articulated double-pocket wagon T2000



WASCOSA



# Fleischmann

#### 2 piece set: Swivel-type stake wagons 3 piece set: Tank wagons ÖBB ÖBB Ks Photomontage Photomontage Photomontage Q1/2025 Q1/2025 Loaded with wire reels 6660072 6660073 NEM 172 NEM 294 IV IV

### 2 piece set: Telescopic hood wagons



### High capacity sliding wall wagon



96









### 2 piece set: Sliding tarpaulin wagons



### High capacity sliding wall wagon



CD CARGO



### Telescopic hood wagon



### Sliding tarpaulin wagon



**98** 



### Stake wagon





### Stake wagon

SNCF





### Pressurised gas tank wagon





### Swivel-roof wagon



### Articulated double-pocket wagon T2000





3 piece set: Self-unloading hopper wagons "Norske Skog"



VTG







3 piece set: Self-unloading hopper wagons





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#### SYMBOLS OF RAILWAY OPERATORS

ÖBB BBÖ	Austrian Federal Railways
K.Bay.Sts.B.	Royal Bavarian State Railways
K.P.E.V.	Royal Prussian Railway
DRG	German State Railway Company (up until 1937)
DRB	German State Railway (1937-1949)
DR	German State Railway (after 1945)
DB	German Federal Railways (1951-1993)
DB AG	German Bahn AG (since 1.1.1994)
SBB	Swiss Federal Railways (SBB-CFF-FFS)
BLS	BLS AG, private rail company (Swiss)
SNCF	National French Railways
SNCB	National Railway Company of Belgium
NS	Dutch Railways
CFL	Luxembourg National Railways
RENFE	Spanish Railways
FS	Italian State Railways
RZD	Russian Railways
DSB	Danish State Railways
ČSD	Czechoslovak State Railways
ČD	Czech Railways
РКР	Polnische Staatsbahnen
AAE	Ahaus Alstätter Eisenbahn private Railway Company
SŽ	Slovenian Railways

#### **EPOCH EXPLANATION** Epoch I: approx. 1870 – 1920 Ep I Epoch II: approx. 1920 – 1945 Ep 11 Ep III Epoch III: approx. 1945 - 1968 Epoch IV: approx. 1968 – 1994 Ep IV Ер V Epoch V: 1994 – 2006 Epoch VI: since 2007 Ep VI

#### COUNTRY EXPLANATION



	LEGEND
000000	Item number
Q1-4/2022	Release: $1^{\text{st}}-4^{\text{th}}$ quarter of the same year
Ep III	Epoch
<b>a 2</b> 21	Overall length
5/2	Drive on X-axles / X-axles have traction tyres
DC	Direct current DC
DCC 🗘	Direct current DC with sound
DCC	DCC (Digital)
•••••• NEM 651	6-pole interface NEM 651
Next18	Next18 interface
PluX16	PluX16 interface
II NEM	Coupler pocket according to NEM standards 355 with close-coupling mechanism
0 00 00	Triple headlights on the front
00 00 •••	White head lights changeover
00, • 00, ••	White/red head light changeover
°°,,°• CH	Head light changeover according to the original model (e. g. Swiss)
LED	LED illumination
	Electric illumination (light bulbs)
••	Tail light (passenger coaches)
不	Interior lighting
· 9452	Interior lighting installation kit
₩ LED	Interior lighting LED
	Digital version with buffer capacitor
ANTA R1	Minimum drivable radius
Z21 Cab	Z21 driver's cab available



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