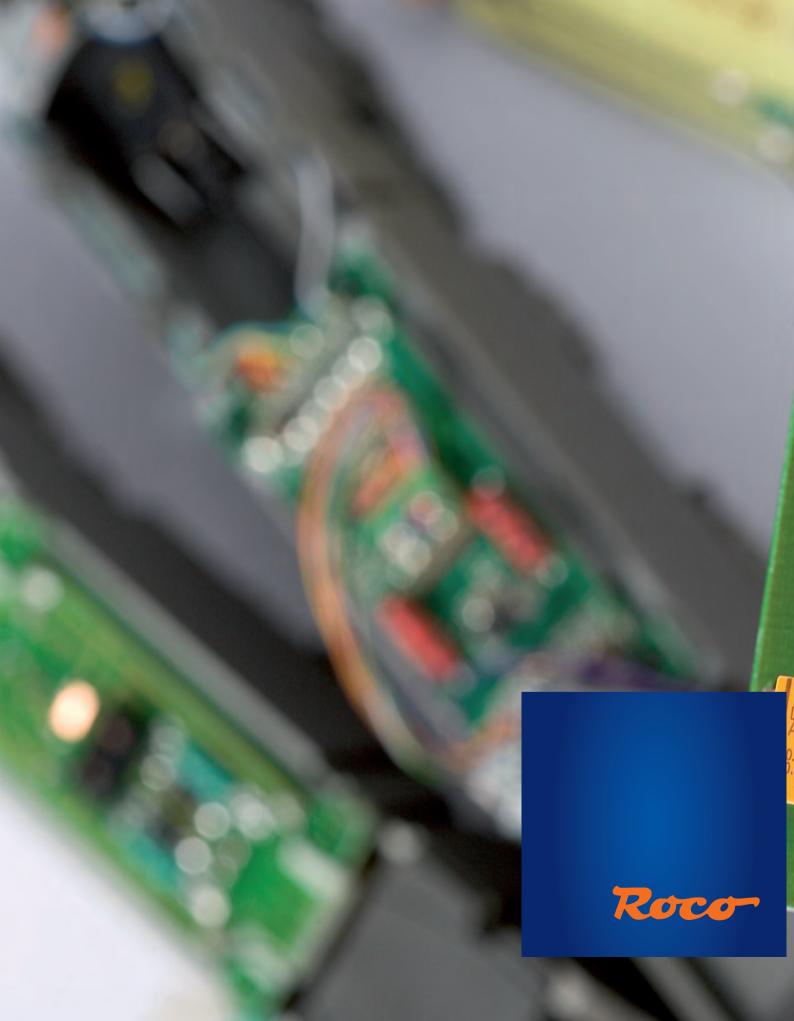
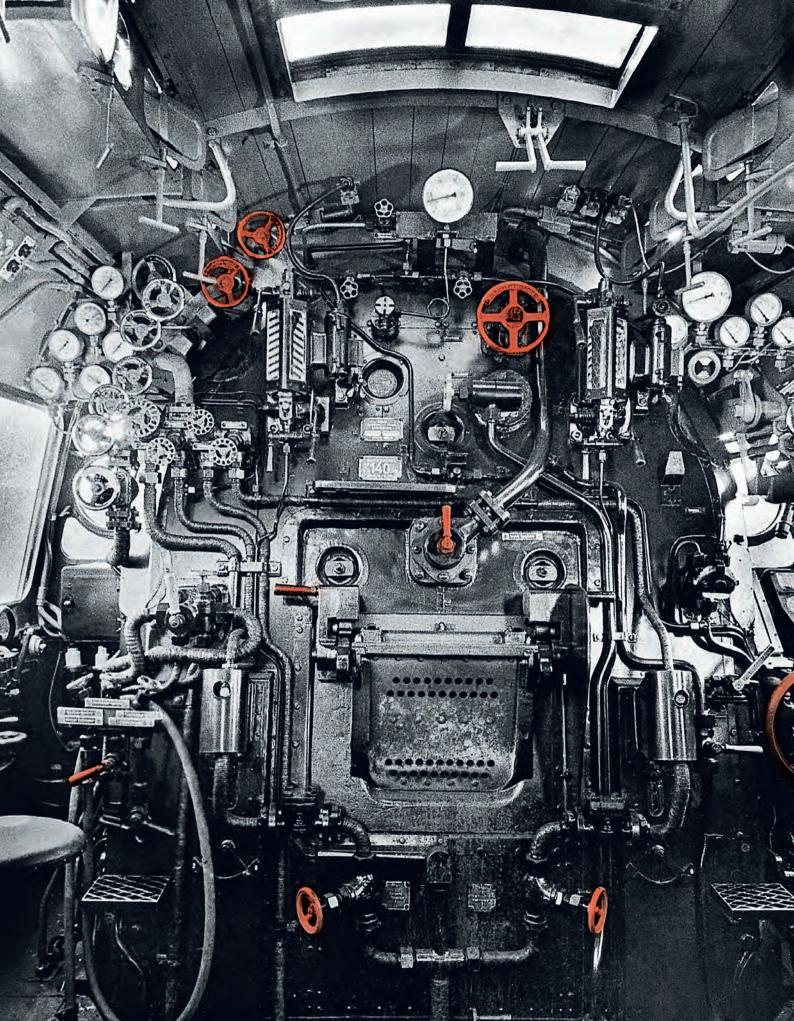


## H0 H0e TT



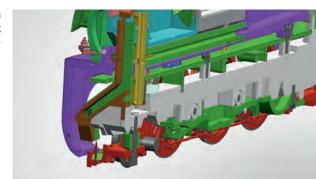








Precision is a question of paying attention to details.



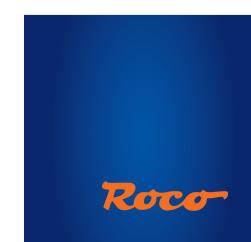
# Our tradition: innovation and vision.

Those who know Roco appreciate the high company standards for the construction and production of model trains in incomparable exact scale, with meticulous attention to de-tails and employing up to date technology. Moreover, those affirm their absolute passion to imitate the small yet perfect world of the big prototypes of international locomotive and series icons. After all it is certain that Roco is able to draw on their unlimited resources of 50 years of experience, permanent technology leadership and absolute precision combined with constant high quality.

Therefore it is not surprising that our products are not only extremely popular but definitely, above all, they are valuable collector's items. To ensure the quality and popularity, we produce and constantly develop our true-to-life railway miniatures in the scales H0, H0e and TT with fastidious accuracy in three European locations with highly qualified employees in fine manual work. Here's a small example:

Roco presented the BR 10 steam locomotive of the DB with an unprecedented dynamic steam generator which – in accordance to the factory fitted true-to-the-original sound – controls the steam emission depending on the locomotive's speed. Simultaneously, the model dazzles with its realistically emerging steam from the cylinders and combines the LED triple headlight as well as the LED red tail lights with state-of-the-art digital technology.

Once more Roco aims to meet and surpass its own high quality standards.





## ICN Top-Novelty





#### Two-coach extension set, ICN of the SBB.

**Prototype:** 2 coach extension set to the tilting ICN train, type RaBDe of the Swiss federal railways (SBB/CFF/FFS). 1 x 1st class and 1 x 2nd class coach with suitable running numbers. Current operating condition. **Service:** prestige trains. **Model:** Completely new, highly detailed construction in the current livery with exact reprduction of the interior fittings.

63152 **○** 69152



Left picture: Flawless inscriptions guarantee highest levels of authenticity.

Right picture: Roco state-of-the-art technology und highest quality.







#### RABDe 500 - ICN electric multiple unit in Switzerland.

The ambitious project to reduce the traffic and to shorten a long journey time on the roads in Switzerland goes along with the improvement of the infrastructure. So Switzerland concentrated on the quality of high-tech railways. Between 1995 and 2001 the Suisse Railroad Company (SBB) purchased 44 tilting trains for the Intercity traffic. So ICN stands for Intercity tilting express train technology and can reach a max. speed of 200 km/h with 5200 kW. The ICN has the big advantage that it also runs on curvy routes due to the highly efficient tilt technology. It therefore can reach a 20 % higher speed level than any other trains hauled by locomotives before. The 7-piece train is 188.800 mm long and it has room for 477 persons. It runs often as a double unity. Besides the four 2nd class wagons and the two 1st class wagons the ICN also has a dining car as well as a store room for bicycles (subject to reservation). Nowadays on the frontside the ICN has its elegant and characteristic SBB colour, which reminds many people on a nose in a face but this is more or less a matter of taste and imagination - also in Switzerland.

#### Electric multiple unit, ICN of the SBB.

Prototype: Tilting multiple unit, (5 part) ICN, series RABDe of the Swiss Federal railways (SBB/CFF/FFS). Current operating condition. Service: prestige passenger traffic. Model: Complete, highly detailed new construction in the current livery with exact reproduction of the interior fittings. Triple headlights and 2 red tail lights. Suitable extensions would be models 63152/69152. Overall length: 1540 mm.

















## Digital starter-set BR 03.10 with sound and multiMAUSPRO





The express locomotive type BR 03.10 and three F-train wagons steam through the "German Economic Miracle".

Content/functions: One express steam locomotive type 03.10. Comes in blue F-train livery and integrated sound. Two 2nd class compartment cars type 53 with digitally switchable doors and tail lights and interior lighting. One dining wagon type 28 with interior lighting digitally. Roco geoLine track oval A with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One universal transformer 50 VA. One multiZENTRALEPRO and one multiMAUSPRO. The multiMouse pro offers a greater flexibility through wireless communication and does not depend on the length of cables anymore. Operation advantages: Double traction, driving direction control, 9999 programmable locomotive addresses, 1024 track switches or magnetic articles, single hand operation, easy-to-read display, adjustable backlight. The starting voltage, acceleration and deceleration operations can be set independently (operation in either 14 or 28 running steps).

41307 100 61410











Every Roco detail is right due to meticulous accuracy.











#### F-train of the top class.

In the beginning of the 1950s the demand for fast connections in Germany after the war started to climb again. The young company Deutsche Bundesbahn (DB) reacted starting 1951 with the creation of the F-train net: Short, express trains with a dining wagon and exclusively for the 2nd Class (the 1st Class after the reorganization in 1956) ran without unnecessary delays on the main routes even if they had to be partially redirected due to the divided Germany. In the beginning older wagon material had to be used whereas after delivery the construction type 53 was integrated immediately in the new show trains and naturally painted in a steel blue livery for easy recognition. Very often a de-electrified steam engine type BR 03.10 with fairing was activated and with its top speed of 140 km/h it proofed to be extremely successful and therefore encountered a second spring. Since the F-trains were the pride of the Bundesbahn, they all had well sounding names and were much loved by business travelers. Only 1971 were they replaced by the Intercity rail net.



#### multiMAUSPRO.

- Wireless communication, easy of use
- Greater flexibility without having to worry about cable lengths
- Double traction, control of sets of points
- Controls up to 9999 locomotives, 2048 track switches or solenoid-operated articles
- Single-handed operation
- Clearly legible display

Find more information at page 259.



## **Internationality in** our product range





#### E.432 TRIFASE electric locomotive, FS.

**Prototype:** Electric locomotive type E.432 of the Italian State Railway (FS). **Operation condition:** 1960s. **Service:** Express trains and stopping trains. **Model:** Complete new construction. Finely detailed appearance. Comes in "castano- isablella" brown livery. With red buffer boards and original FS logo. With double headlight and two red tail lights. Overall length: 190 mm.









RRP € 319,-





#### Rh 541 electric locomotive, SZ.

Prototype: Multi purpose electric locomotive type 541 of the Slovenian State Railway (SZ). Wheel arrangement: Bo'Bo'. With advertising inscription of the "Alpenkonvention". Current operation condition. Service: Express trains and goods trains for the regional and international service. Model: Finely detailed appearance with four pantographs. Three headlight and two red tail lights. Overall length: 225 mm.

#### 62359



















#### BR 650 Diesel railcar "Regio-Shuttle", DB AG.

Prototype: BR 650 Diesel railcar (Regio Shuttle) of the Deutsche Bahn AG (DB AG). Wheel arrangement: Bo'Bo'. Operation condition: Up-to-date. Service: For the local traffic. Model: Complete new construction. Finely detailed appearance with precisely worked strut windows and interior. Triple headlight and 2 red tail lights. LED lighting. Overall length: 303 mm.

63182 **∼** 69182











2 RRP € 169,-





## We congratulate!

## 175 years German Railway History







#### Taurus in special "175 years German Railway History" livery.

In honour of the anniversary of "175 years German Railway History", the Vogtland Rail-way sends a Taurus in special livery on its way between Munich and Regensburg. The livery of the electric locomotive ES64U4 of the manufacturer Siemens is based on the historic "Adler", Germany's first steam locomotive. Huge wheel applications, wood pan-els and brass rivets adorn the Taurus' sides. The inscription "175 years German Railway History" as well as the logos of Roco and ARRIVA, the parent company of the Vogtland Railway, must not be missing. The logos and the historic stylistic elements are pasted on the locomotive with a printed adhesive film. In that way, one of the most modern locomo-tives of the 21st century with its historically inspired colouring is an ambassador for "175 years German Railway History". George and Robert Stephenson would certainly enjoy this idea. The design and its artistic realisation for the anniversary locomotive was made by the renowned designer Gudrun Geiblinger. In the past she also designed the theme-based locomotives ""Mozart" and "50 years Federal Armed Forces" of the ÖBB as well as a locomotive in honour of the 200th anniversary of Joseph Hayden's death, the fa-mous Austrian composer, in the summer of the previous year. Since June 25th 2010, the Taurus in special livery is in active duty for scheduled rail traffic. The Vogtland Railway operates the anniversary locomotive in front of the alex (the abbreviation stands for ARRIVA –Regional railway- Express).

#### BR 183 Electric locomotive of the ARRIVA.

The prototype is an electric universal locomotive type 183 of the ARRIVA belonging to the "Taurus" locomotive family of Siemens. Current operation condition. In special livery for the anniversary of "175 years German Railway History". Service: passenger trains of the "alex". Finely detailed and intricately printed model of the 183 001-7 in special de-sign with 2 pantographs, triple headlight and 2 red tail lights. LED lighting. Overall length: 225 mm.











## **Congratulations!**

## **80 years Motorail Train** of the German Railways









#### BR 115 in special livery "80 years Motorail Train".

Motorail train instead of motorway: the German Railways memorialises this 80 years old motto of numerous holiday travellers. From August 2010 on, the DB sends a BR 115 in special livery on its way on tracks throughout Germany. The locomotive has an anthracitemetallic ground-coat and is an absolute eye-catcher with the glaring red racing car in the style of the 1930s on its side. The striking design was made by Gudrun Geiblinger. Railway experts know the artist who has already designed numerous locomotive special liveries.

#### BR 115 electric locomotive of the DB.

The prototype is an electric locomotive type 115 of the DBAutoZug GmbH, a subsidiary of the Deutsche Bahn AG (DB AG). Current operation condition. In special livery for the anniversary of "80 years Motorail Train". Service: motorail and night trains across Germany and to Austria. Complete, finely detailed and intricately printed model of the 115 350-1 in special livery. With triple headlight and 2 red tail lights. Overall length: 190 mm.













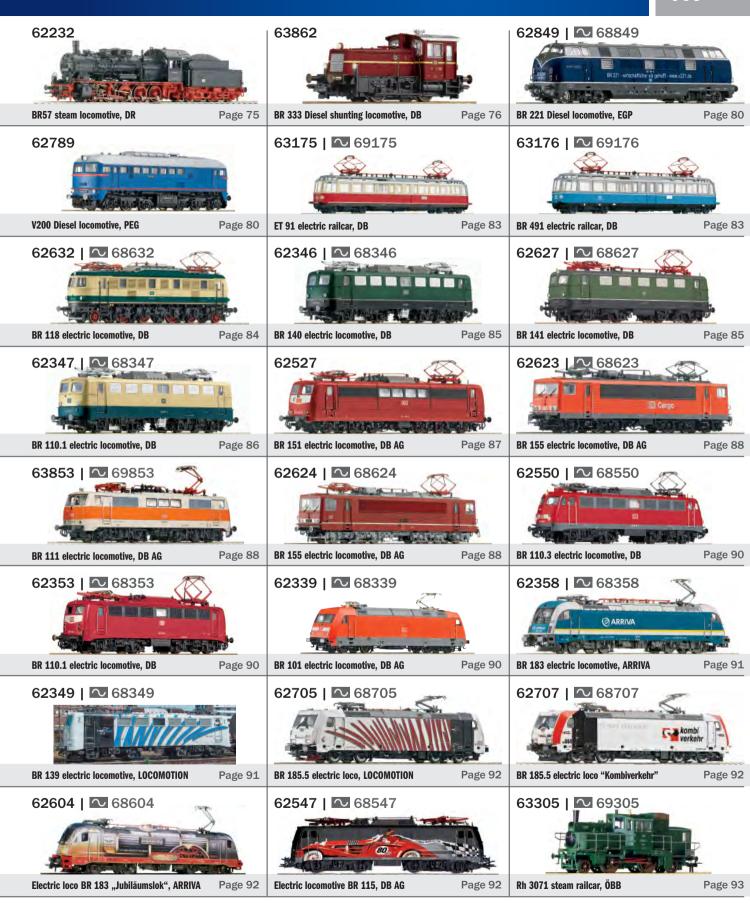


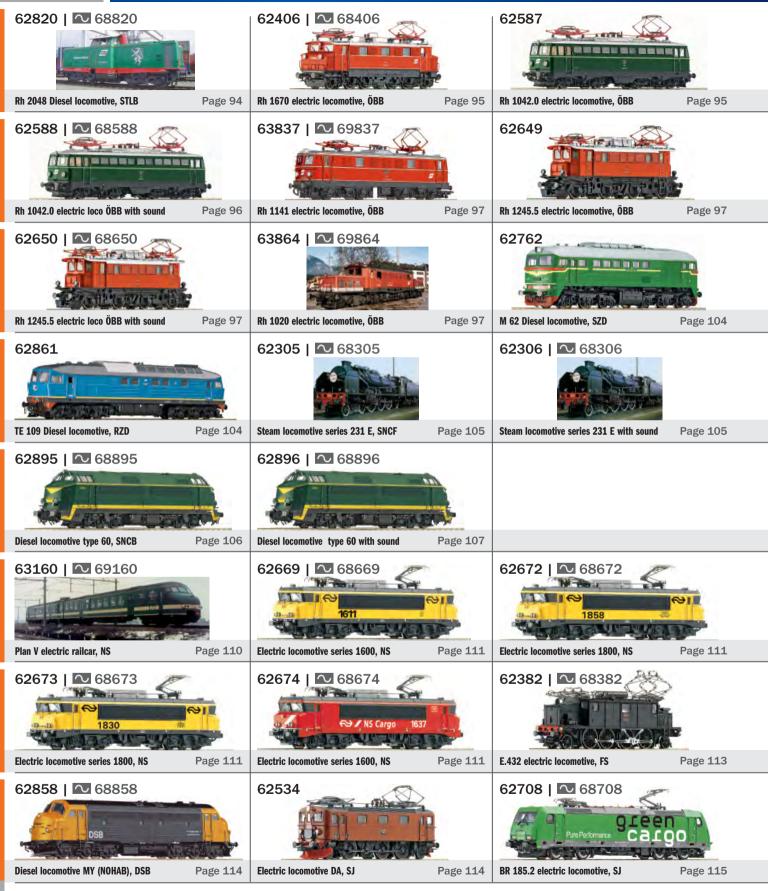
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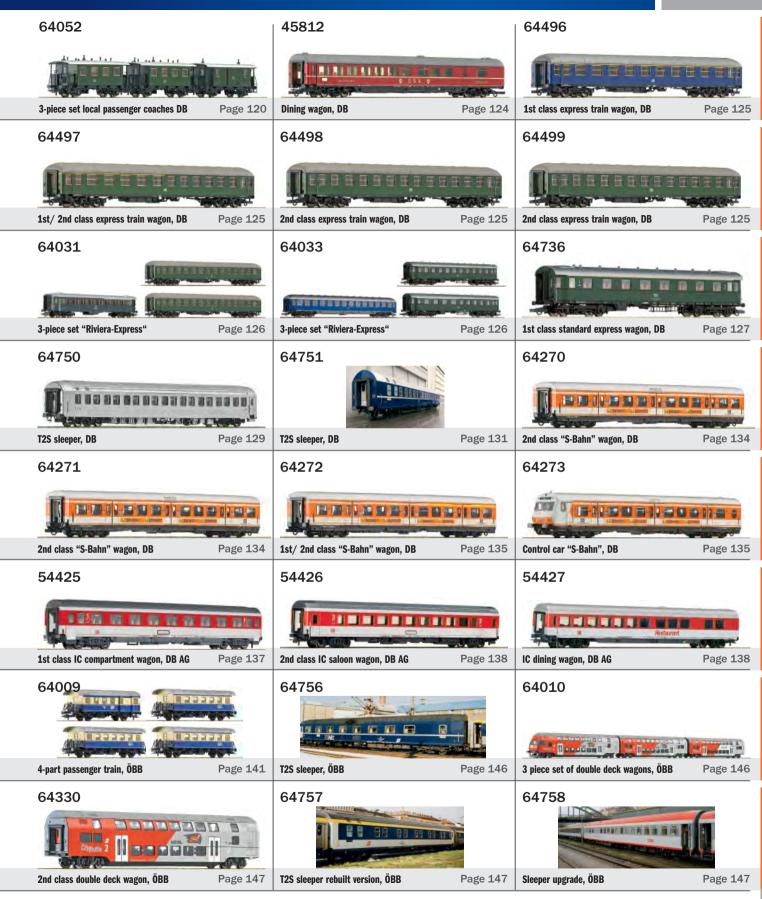


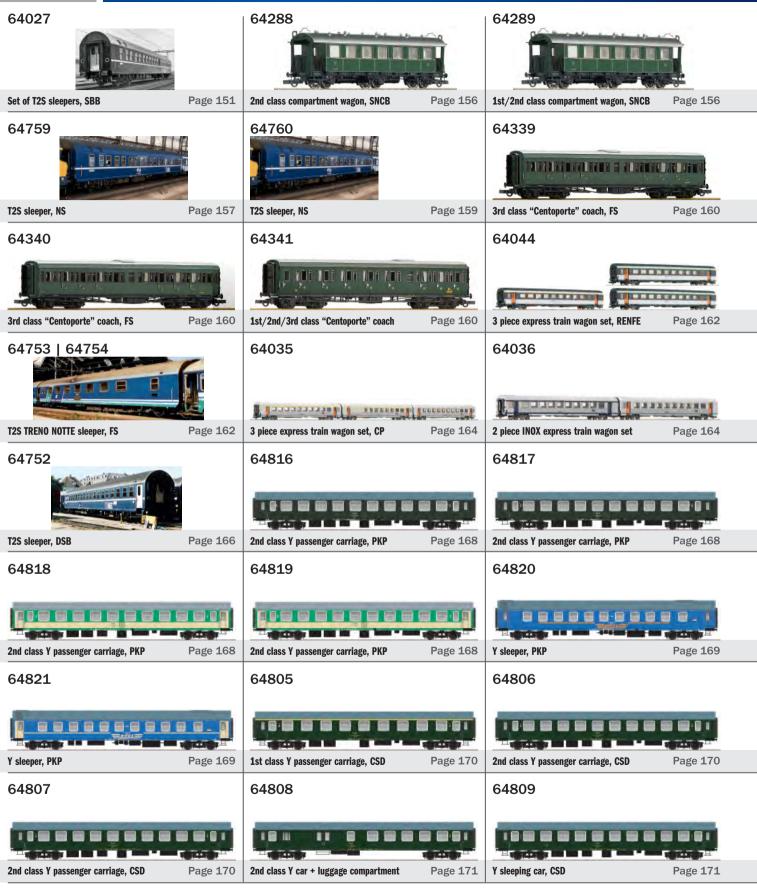
















#### Only while supplies last!



#### 62338 ES 64 U2 electric locomotive, MRCE

#### RRP € 179.00

Prototype: Electric locomotive type ES 64 U2 of the Mitsui Rail Capital Europe BV (MRCE). In current operation condition. Service: goods trains throughout Germany. Model: Finely detailed appearance in black livery with new running number and without advertisement on the side. Triple headlight and 2 red tail lights. Overall length: 221 mm.



#### 62336 Rh 1047.5 electric locomotive, GYSEV

#### RRP € 179.00

Prototype: Electric locomotive type 1047.5 of the Győr-Sopron-Ebenfurt Railway Corporation (GySEV)/ "Raaberbahn" in current operation condition. Service: passenger and goods trains in cross-border traffic between Austria and Hungary. Model: Finely detailed appearance of the 1047 501-1. Triple headlight and 2 red tail lights. Overall length: 221 mm.



#### 62337 ES 64 U2 electric locomotive, WLB

#### RRP € 179.00

Prototype: Electric locomotive type ES 64 U2 from Siemens of the Viennese Local Railway Systems (WLB). In current operation condition. Service: goods trains and particularly container trains between German North Sea ports and Austria. Model: Finely detailed appearance of the ES 64 U2-066 with 2 pantographs, triple headlight and 2 red tail lights. Overall length: 221 mm.



#### 62335 Rh 1016 electric locomotive, ÖBB

#### RRP € 179.00

Prototype: Electric locomotive type 1016 of the Austrian Railways (ÖBB) in current operation condition. Service: all-purpose loco for all sorts of passenger and goods trains. Model: Finely detailed appearance of the Rh 1016 040 in current livery with triple headlight and 2 red tail lights. Overall length: 221 mm.

#### Only while supplies last!



#### 66719 Stake wagon with wood load, DB AG RRP € 39.90

The prototype is a 4-axled stake wagon type Rs 683 of the Deutsche Bahn AG (DB AG) in operation condition of the mid 1990s. Loaded with 2 wood stacks. Finely detailed appearance of wagon and load. Overall length: 228 mm.



#### 66720 Stake wagon with wood load, DB AG RRP € 39.90

The prototype is a 4-axled stake wagon type Rs 683 of the Deutsche Bahn AG (DB AG) in operation condition of the mid 1990s. Loaded with 2 wood stacks. Finely detailed appearance of wagon and load. Model with modified running number. Overall length: 228 mm.



#### 66947 Wagon for wood transportation with load RRP € 44.90

The prototype is a 4-axled wood transport wagon type Ealos-t 058 with high front walls of the Deutsche Bahn AG (DB AG) in operation condition of the mid 1990s. It was exclusively used for the transportation of raw wood. Finely wrought and printed appearance of the model with real wood load. Overall length: 168 mm.



### 66948 Wagon for wood transportation with load RRP € 44.90

The prototype is a 4-axled wood transport wagon type Ealos-t 058 with high front walls of the Deutsche Bahn AG (DB AG) in operation condition of the mid 1990s. It was exclusively used for the transportation of raw wood. Finely wrought and printed appearance of the model with real wood load. New running number. Overall length: 168 mm.



#### 66990 Stake wagon with wood load, DB AG RRP € 39.90

The prototype is a 4-axled stake wagon type Res of the Deutsche Bahn AG (DB AG) with aluminium side walls in operation condition of the mid 1990s. Finely detailed appearance of the wagon and the load which consists of a stack of boards. Overall length: 229 mm.



#### 66991 Stake wagon with wood load, DB AG RRP € 39.90

The prototype is a 4-axled stake wagon type Res of the Deutsche Bahn AG (DB AG) with aluminium side walls in operation condition of the mid 1990s. Finely detailed appearance of the wagon and the load which consists of a stack of boards. Model with modified running number. Overall length: 229 mm.



#### 41307 •• 61410\*











41275











RRP € 790.00

#### Digital starter set "BR 03.10 with express wagons", with MultiMouse pro and MultiZentrale pro, DB

The express locomotive type BR 03.10 and three F-train wagons steam through the "German Economic Miracle".

#### Content/functions:

One express steam locomotive type 03.10. Comes in blue F-train livery and integrated sound. Two 2nd class compartment cars type 53 with digitally switchable doors and tail lights and interior lighting. One dining wagon type 28 with interior lighting digitally. Roco geoLine track oval A with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One universal transformer 50 VA. One multiZentrale pro and one multiMouse pro. The multiMouse pro offers a greater flexibility through wireless communication and does not depend on the length of cables anymore. Operation advantages: Double traction, driving direction control, 9999 programmable locomotive addresses, 1024 track switches or magnetic articles, single hand operation, easy-to-read display, adjustable backlight. Further information can be found in the main ROCO catalog 2009/2010 on pages 290/291.



Digital Starter Set with BR 110 electric locomotive and express train wagons, DB AG



Just like the DC Starter Set 41275, this set contains a BR 110 locomotive and three express train cars. All models are equipped to operate with the 3-wire AC system and have the same digital functions as the corresponding DC models. The digital controls can raise and lower the pantographs of the electric locomotive and open and shut the doors of the cars. All actions are accompanied by characteristic sounds. This set does not contain any tracks or digital components.



#### Digital starter set "Passenger train", ÖBB

Characteristic Austrian passenger train with steam locomotive type Rh93 (ÖBB) and three wagons.

#### Content/functions:

One steam locomotive type Rh93 with SAUGLUT sound absorbers, three 2nd class passenger wagons with different running numbers and one 2nd class semi luggage wagon. Roco geoLine track oval A with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One universal transformer 50 VA. One multiZentrale pro and one multiMouse pro. The multiMouse pro offers a greater flexibility through wireless communication and does not depend on the length of cables anymore. Operation advantages: Double traction, driving direction control, 9999 programmable locomotive addresses, 1024 track switches or magnetic articles, single hand operation, easy-to-read display, adjustable backlight. Further information can be found in the main ROCO catalog 2009/2010 on pages 290/291.



#### Digital starter set "Re 4/4 II electric locomotive with Schlieren wagons", SBB

One electric locomotive type Re 4/4 II and three characteristic Swiss wagons "Schlieren" type EW II of the Swiss Railways (SBB/CFF/FFS).

#### Content/functions:

Roco geoLine track oval A with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One universal transformer 50 VA. One multiZentrale pro and one multiMouse pro. The multiMouse pro offers a greater flexibility through wireless communication and does not depend on the length of cables anymore. Operation advantages: Double traction, driving direction control, 9999 programmable locomotive addresses, 1024 track switches or magnetic articles, single hand operation, easy-to-read display, adjustable backlight. Further information can be found in the main ROCO catalog 2009/2010 on pages 290/291.







41308







RRP € 629.00

41312







RRP € 749.00

41306







RRP € 729.00

41327







RRP € 359.00

#### Digital starter set "Express train", NS

One electric locomotive type 1700 of the Netherlands Railways (NS) and four express wagons.

#### Content/functions:

One electric locomotive type 1700. One 1st class express wagon, two 2nd class express wagons and one 2nd class express wagon with DCC-digitally switchable tail lights. Roco geoLine track oval A with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One universal transformer 50 VA. One multiZentrale pro and one multiMouse pro. The multiMouse pro offers a greater flexibility through wireless communication and does not depend on the length of cables anymore. Operation advantages: Double traction, driving direction control, 9999 programmable locomotive addresses, 1024 track switches or magnetic articles, single hand operation, easy-to-read display, adjustable backlight. Further information can be found in the main ROCO catalog 2009/2010 on pages 290/291.



#### Digital starter set BR 189 with military train, DB AG

SPECIA

#### **Content/Functions:**

electric locomotive type 189 of the DB AG, one empty 2-axled stake car, one 2-axled stake car with two Unimogs, one 2-axled stake car loaded with two ambulance vehicles, one 4-axled stake wagon with an articulated lorry.

One Roco geoLine track oval A with 14x G200 straight tracks, 1 pre-installed feed element and 12x R3 curved tracks (r= 434,5 mm). 1 power supply with 36 VA. A type 10764 digital amplifier and a 10810 multiMAUS with 9999 addresses. Starting voltage, acceleration and deceleration settings can be programmed separately (operation in either 14 or 28 speed steps is possible).



#### Digital starter set "Steam train German Railways (DR)" SPECIAL

The BR 50 steam locomotive hauls a mixed goods train consisting of: 1 covered ferry boat wagon type Gbh 03, 1 open goods wagon type Ommu 44 (former "Klagenfurt"), 1 sea fish wagon type Tnfs 18 and 1 stake wagon type R 63 (former "Stuttgart", without platform).

Content/functions: Roco geoLINE track oval R3 with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One power supply with 36 VA, one digital amplifier 10764, one multiMouse 10810. With 9999 programmable locomotive addresses. The starting voltage, acceleration and deceleration operations can be set independently (operation in either 14 or 28 running steps). The light output can be switched separately.



#### Digital starter set BR 120 Diesel locomotive with goods train, DR

One BR120 Diesel locomotive of the German Democratic Republic State Railway (DR) with 4 gondolas - for test runs.

#### Content/functions:

One BR 120 Diesel locomotive: Four 4-axle gondolas for test runs and for automatic central buffer coupling. Roco geoLine A: 14 straight tracks G200, 1 pre-installed feed element, 12 curved tracks R3 (434,5 mm), One universal transformator with 50 VA, One digital amplifier 10764, One multiMouse 10810. With 9999 programmable locomotive addresses. The starting voltage, acceleration and deceleration operations can be set independently (operation in either 14 or 28 running steps).







41303





**RRP** € 349.00

41314







**RRP** € 459.00

41319







**RRP** € 269.00

41318







**RRP** € 285.00

#### Digital starter set BR 140 electric locomotive with goods train, DB SPECIAL

Electric locomotive type 140 with steel slab train.

#### Content/functions:

electric locomotive type 140 of the DB and four heavy duty wagons loaded with steel slabs. Roco geoLINE A with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One power supply with 36 VA, one digital amplifier 10764, one multiMouse 10810. With 9999 programmable locomotive addresses. The starting voltage, acceleration and deceleration operations can be set independently (operation in either 14 or 28 running steps). The light output can be switched separately.



#### Digital starter set mineral train, DB AG

Six-axled electric locomotive type 151 of the Deutsche Bahn AG (DB AG) with a mineral train.

#### Content/functions:

BR 151 electric locomotive with four six-axled mineral wagons with different running numbers. Roco geoLINE A with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One power supply with 36 VA, one digital amplifier 10764, one multiMouse 10810. With 9999 programmable locomotive addresses. The starting voltage, acceleration and deceleration operations can be set independently (operation in either 14 or 28 running steps). The light output can be switched separately.



#### Train set stopping train, ÖBB SPECIAL

The prototype is a stopping train of the Austrian Railways (ÖBB) going from Oberwart to Vienna in the 1990s. The set consists of a model of the Rh 1044 501-3 electric locomotive of the ÖBB and 3 passenger coaches type "Lange Schlieren". All coaches are equipped with different running numbers and the train destination plate E 752.









#### Digital starter set express train, SBB

The Ae 3/6 II electric locomotive of the Swiss State Railroad Company hauls a classic express train from the epoch II.

#### **Contents/functions:**

"Ae 3/5 II electric locomotive" 2 x 2nd class express train wagons" 1 x 1rst class dining car", 1 x baggage car. Roco geoLine track oval A with track bed: "14 G200 straight tracks", 1 pre-installed power supply element", 12 bow curved tracks R3 (r = 434,5 mm)". One universal transformer 50 VA" 10764 digital amplifier", 10810 multiMOUSE: 9999 programmable locomotive addresses. The starting voltage, acceleration and deceleration can be programmed independently (Operating options:either 14 or 28 speed steps possible).



61412





RRP € 339.00

41305







**RRP** € 489.00

41316







RRP € 299.00

41324







RRP € 299.00

#### Digital starter set modern goods train, SBB SPECIAL

printed dust silo wagons and one 3-axled car transportation wagon.

The Re 482 electric locomotive of the Swiss Railways (SBB) hauls a goods train consisting of one 2-axled sliding wall wagon, three differently

**Content/functions:** Roco geoLINE track oval R3 with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One power supply with 36 VA, one digital amplifier 10764, one multiMouse 10810. With 9999 programmable locomotive addresses. The starting voltage, acceleration and deceleration operations can be set independently (operation in either 14 or 28 running steps). The light output can be switched separately.



#### Digital starter set BR 185 with goods train, BLS

SPECIAL

An universal locomotive type 185.5 of the Lötschberg Railways AG (BLS) hauls the following Swiss goods wagons: one 4-axled cement silo wagon, one 2-axled swing roof wagon, two 2-axled open goods wagons with plane cover and one 4-axled open goods wagon.

**Content/functions:** Roco geoLINE track oval R3 with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One power supply with 36 VA, one digital amplifier 10764, one multiMouse 10810. With 9999 programmable locomotive addresses. The starting voltage, acceleration and deceleration operations can be set independently (operation in either 14 or 28 running steps). The light output can be switched separately.



#### Digital starter set Diesel locomotive series 2400 with goods train, NS

esal locomotive series 2400 and

The prototype is a local goods train of the Netherlands Railways (NS). The sets consists of one Diesel locomotive series 2400 and a covered goods wagon, a ball silo wagon, an open goods wagon and a tank wagon.

Furthermore this set includes an oval Roco geoLINE R3 track with track bed: 14 G200 straight tracks, 1 pre-installed feed element and 12 R3 curved tracks (r= 434,5 mm). 1 power supply with 36 VA. A type 10764 digital amplifier and a 10810 multiMAUS with 9999 addresses. Starting voltage, acceleration and deceleration settings can be programmed separately (operation in either 14 or 28 speed steps is possible).







#### Digital starter set "Goods train", FS

One E.636 electric locomotive of the Italian State Railway (FS) and four express wagons.

#### Content/functions:

One E.636 electric locomotive with four different goods wagons of the FS. One Roco geoLine track oval A with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One universal transformer 50 VA and one digital amplifier 10764 and one multiMouse 10810. With 9999 programmable locomotive addresses. The starting voltage, acceleration and deceleration operations can be set independently (operation in either 14 or 28 running steps).







41315









RRP € 259.00

41311







RRP € 409.00

41313





#### Digital starter set "Diesel locomotive type T679 and goods wagons", CSD

One Diesel locomotive type T679 and four gondolas for the transportation of coal of the Czecholovakian State Railway (CSD).

#### Content/functions:

One Diesel locomotive type T679 and four aged coal wagons that carry real coal (full-scale granulation). Roco geoLine track oval A with 14x straight tracks G200, 1x pre-installed feed in element, 12x curved tracks R3 (434,5 mm). One universal transformer 50 VA. One digital amplifier 10764. One multiMouse 10810. With 9999 programmable locomotive addresses. The starting voltage, acceleration and deceleration operations can be set independently (operation in either 14 or 28 running steps).









RRP € 459.00



#### Digital Starter Set BR 140 with construction train

Construction train with mechanically operated crane.



#### Contents/functions:

- BR 140 Electric locomotive
- 1 mechanically operated crane wagon with safeguard wagon
- · 1 accompanying wagon
- Roco geoLINE A+B
  - 21 straight tracks G200
  - 1 pre-installed feed in element
  - 12 curved tracks R3 (r= 434,5 mm)
  - 1 left-hand manual turnout
- 1 buffer stop and 1 track bed end piece
- universal transformer with 50 VA
- digital amplifier 10764
- multiMouse 10810

With 9999 programmable locomotive addresses The starting voltage, acceleration and deceleration operations can be set independently (operation in either 14 or 28 running steps).



#### **Analog Starter Set ICE 1**

ICE1 at a get-acquainted price. For those desiring an introductory experience the simple ICE1 set is just right: The three-piece train makes its rounds on a small oval. In this case control is handled by a conventional train controller, but naturally the train can be retroactively integrated in digital operation with a decoder. Complementary wagons for trains: Article No. 45850 and 45851 on page 172.



#### Content/functions:

- 3-piece ICE 1 with motorized end car, with white/red light, non-powered end car with illuminated tail light and direction-of-travel dependent light change white/red intermediate car
- Roco geoLINE track oval R3 with trackbed: 8 straight track sections G200, 1 pre-installed feed element, 12 curved track sections R3 (r= 434.5 mm)
- Power supply
- · Electronic train controller



51231









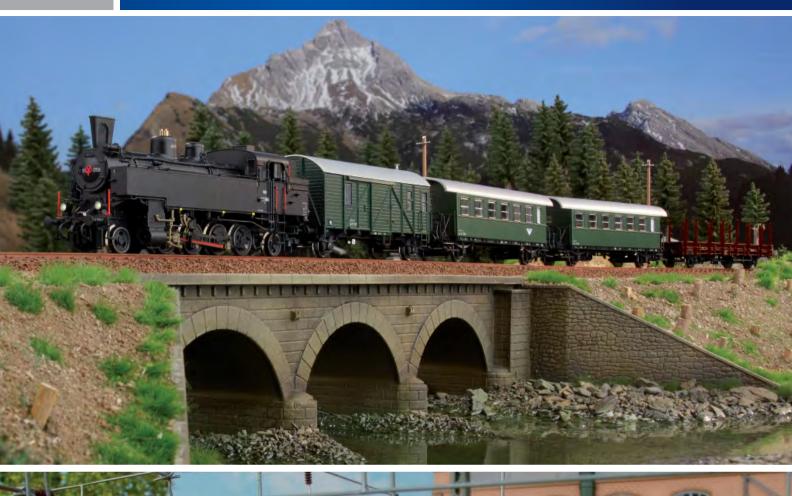
RRP € 169.00

51130





RRP € 104.00







## 68319 BR 044 steam locomotive, DB - AC system

RRP € 259.00

The prototype is a steam locomotive type 044 with oil firing of the German Railways (DB). Operation condition: mid 1970s. Service: heavy-haul freight services. Finely detailed model operating on alternating current with triple headlight. Ideal for wagon type Fad 167, item no. 66035 – 66037. Prepared for being equipped with a smoke generator. Overall length: 260 mm.



#### 69874 BR 144 electric locomotive, DB - AC system

RRP € 179.00

The prototype is an electric locomotive type 144 (formerly E 44) of the German Railways (DB). Wheel arrangement Bo'Bo' in current operation condition.

Service: passenger and goods trains. Model operating on alternating current in green livery with printing that corresponds to the original, triple headlight and 2 tail lights. Overall length: 176 mm.



## 68818 BR 212 Diesel locomotive with digital coupling, DB - AC system

RRP € 124.00

The prototype is a diesel hydraulic multi-purpose locomotive type 211 of the German Railways (DB) in operation condition of the late 1970s. Service: passenger and goods trains especially on branch lines. Finely detailed model operating on alternating current in original red livery and equipped with triple headlight and 2 red tail lights. Overall length: 139 mm.



# 68629 BR 143 electric locomotive, DB AG - AC system

RRP € 159.00

The prototype is an electric locomotive type 143 of the Deutsche Bahn AG (DB AG). Wheel arrangement Bo'Bo' in current operation condition. Service: local traffic of all kinds. Model operating on alternating current in original traffic red livery. With triple headlight and 2 red tail lights. Overall length: 192 mm.

**AC Locomotives Promotion** 



# 67843 Open goods wagon, DR

#### RRP € 10.90

Prototype: 2-axled open goods wagon of the German State Railway (DR) in operation condition of the 1980s. Service: transportation of goods resistant to any weather conditions. Model: Authentic and finely detailed appearance in brown livery. Overall length: 115 mm.



## 67845 Covered goods wagon, DR

### RRP € 21.90

Prototype: 2-axled covered goods wagon of the German State Railway (DR). In operation condition of the 1980s. Service: transportation of general cargo susceptible to weather conditions. Model: Authentic and finely detailed appearance in brown livery. Overall length: 115 mm.



# 67847 Silo wagon, DR

#### RRP € 25.90

Prototype: 2-axled dust silo wagon of the German State Railway (DR). In operation condition of the 1980s. Service: transportation of dustlike goods such as cement. Model: Authentic and finely detailed appearance in grey livery. Overall length: 98 mm.



# 67844 Open goods wagon, DR

#### RRP € 11.90

Prototype: 2-axled open goods wagon with brakeman's platform of the German State Railway (DR) in operation condition of the 1980s. Service: transportation of goods resistant to any weather conditions. Model: Authentic and finely detailed appearance in brown livery. Overall length: 115 mm.



# 67846 4-axled self-unloading coach, DR RRP € 19.90

Prototype: 4-axled self unloading coach of the German State Railway (DR). In operation condition of the 1980s. Service: transportation of bulk cargo resistant to any weather conditions. Model: Authentic and finely detailed appearance in brown livery. Overall length: 138 mm.



# 67848 Heavy duty wagon, DR

#### RRP € 19.90

Prototype: 4-axled heavy duty wagon of the German State Railway (DR) in operation condition of the 1980s. Service: transportation of heavy duty goods resistant to any weather conditions. Model: Authentic and finely detailed appearance in black livery. Overall length: 124 mm.



# 67849 **4-axled tank wagon "VTG", DB**RRP € 29.95

Prototype: 4-axled tank wagon of the company VTG, used as a private freight wagon by the German Railways (DB). In operation condition of the 1980s. Service: transportation of mineral oil. Finely detailed appearance in signal grey livery. Overall length: 179 mm.



## 67850 4-axled tank wagon "EVA", DB RRP € 29.95

Prototype: 4-axled tank wagon of the company EVA, used as a private freight wagon by the German Railways (DB). In operation condition of the 1980s. Service: transportation of mineral oil. Finely detailed appearance. Overall length: 179 mm.



# 67851 4-axled tank wagon "ARAL", DB RRP € 29.95

Prototype: 4-axled tank wagon of the company ARAL, used as a private freight wagon by the German Railways (DB). In operation condition of the 1980s. Service: transportation of mineral oil. Finely detailed appearance. Overall length: 179 mm.



# 67852 2-axled tank wagon "VGT", DB

RRP € 19.95

Prototype: 2-axled tank wagon of the company VGT, used as a private freight wagon by the German Railways (DB). In operation condition of the 1980s. Service: transportation of mineral oil. Finely detailed appearance. Overall length: 102 mm.



# 67853 **2-axled tank wagon "EVA", DB**RRP € 19.95

Prototype: 2-axled tank wagon of the company EVA, used as a private freight wagon by the German Railways (DB). In operation condition of the 1980s. Service: transportation of mineral oil. Finely detailed appearance. Overall length: 102 mm.



# 67854 2-axled tank wagon "EVA", DB

RRP € 19.95

Prototype: 2-axled tank wagon of the company EVA, used as a private freight wagon by the German Railways (DB). In operation condition of the 1980s. Service: transportation of mineral oil. Finely detailed appearance with different logo and new running number. Overall length: 102 mm.



## 67855 Covered goods wagon G10

RRP € 19.90

The prototype is a covered goods wagon type G 10 with brakeman's cab of the German Railways (DB) in operation condition of the 1950s. Service: transportation of freight forwarding goods. Finely detailed appearance. Overall length: 110 mm.



#### 67856 Covered goods wagon

RRP € 20.90

The prototype is a covered goods wagon type Glmhs of the German Railways (DB) in operation condition of the 1950s. Service: transportation of general cargo. Finely detailed appearance. Overall length: 114 mm.



## 67857 Covered goods wagon

RRP € 20.90

The prototype is a covered goods wagon with brakeman's cab of the German Railways (DB) in operation condition of the 1970s. Service: transportation of goods susceptible to weather conditions. Finely detailed appearance. Overall length: 149 mm.



## 67858 Covered goods wagon

RRP € 19.90

The prototype is a covered goods wagon type Gs 213 of the German Railways (DB) in operation condition of the 1970s. Service: transportation of goods resistant to any weather conditions. Finely detailed appearance. Overall length: 121 mm.



# 67859 Covered goods wagon Gbs

RRP € 19.90

The prototype is a covered goods type Gbs 254 of the German Railways (DB) in operation condition of the 1970s. Service: transportation of goods susceptible to weather conditions. Finely detailed appearance. Overall length: 161 mm.



# 67860 Covered goods wagon

RRP € 19.90

The prototype is a covered goods former type "Dresden" without front doors of the German Railways (DB) in operation condition of the 1970s. Service: transportation of goods susceptible to weather conditions. Finely detailed appearance. Overall length: 139 mm.



# 67811 Heavy duty wagon with M60 A1 tank RRP € 39.90

Due to the favourable unit price, this model is a part of the set "Military vehicles consignment of the Spanish Army" III/10. All models of this set are sold separately, but if a model is out of stock, it cannot be re-ordered by the retailer. Moreover, the availability cannot be indicated correctly by coloured dots. Please place an order for the desired model early enough with your specialised trade retailer.



# 67812 Heavy duty wagon with M109 howitzer RRP € 39.90

Due to the favourable unit price, this model is a part of the set "Military vehicles consignment of the Spanish Army" III/10. All models of this set are sold separately, but if a model is out of stock, it cannot be re-ordered by the retailer. Moreover, the availability cannot be indicated correctly by coloured dots. Please place an order for the desired model early enough with your specialised trade retailer.



# 67813 Heavy duty wagon with wrecker ("Buffalo") RRP € 39.90

Due to the favourable unit price, this model is a part of the set "Military vehicles consignment of the Spanish Army" III/10. All models of this set are sold separately, but if a model is out of stock, it cannot be re-ordered by the retailer. Moreover, the availability cannot be indicated correctly by coloured dots. Please place an order for the desired model early enough with your specialised trade retailer.



# 67814 Heavy duty wagon with "Leopard 2A6" combat tank RRP € 39.90

Due to the favourable unit price, this model is a part of the set "Military vehicles consignment of the Spanish Army" III/10. All models of this set are sold separately, but if a model is out of stock, it cannot be re-ordered by the retailer. Moreover, the availability cannot be indicated correctly by coloured dots. Please place an order for the desired model early enough with your specialised trade retailer.



# 67815 Heavy duty wagon with "Leopard 2A6" combat tank RRP € 39.90

Due to the favourable unit price, this model is a part of the set "Military vehicles consignment of the Spanish Army" III/10. All models of this set are sold separately, but if a model is out of stock, it cannot be re-ordered by the retailer. Moreover, the availability cannot be indicated correctly by coloured dots. Please place an order for the desired model early enough with your specialised trade retailer.



# 67816 Stake wagon, RENFE, with 2x M113 tank RRP € 39.90

Due to the favourable unit price, this model is a part of the set "Military vehicles consignment of the Spanish Army" III/10. All models of this set are sold separately, but if a model is out of stock, it cannot be re-ordered by the retailer. Moreover, the availability cannot be indicated correctly by coloured dots. Please place an order for the desired model early enough with your specialised trade retailer.



#### 175 years of railway history in Germany

"Horses on the nearby country road shied at the sight of the approaching colossus, children started to cry and some people couldn't help but tremble slightly", an eye witness reports on the morning of the 7th December 1835. The colossus which frightened ingenuous citizens was the "Adler", the first German locomotive on its maiden trip from Nuremberg to Fürth - the hour of birth of the German railway.

#### There's more behind it

People with visions and a good sense of business working in the fields of politics, military and industry sense quickly that the railway has far more potential than being a mere means of transport. They invest heavily in construction and development as well as in technology. The railway boosts the whole economy and after a few decades it has become an inherent part of the public life. The railway remains the means of transport of choice well into the time of the economic miracle during the 1950s, until the automobile thwarts the railway. But the railway proves to be literally indestructible. Nowadays trains rumble with a speed of 300 km/h on European high-speed lines. Moreover, the railway is far more environmentally friendly than the automobile or plane.

#### Epoch I - The regional railway epoch

The years after the first passage of the "Adler" are marked by a fast-paced development. Within 10 years the railway network is expanded to 2.300 km of length. Railway companies spring up like mushrooms: every state, every kingdom or dukedom founds its own railway administration. And every railway administration develops its own vehicle program. Diversity is therefore the greatest asset. The type program for steam locomotives alone includes more than 200 different locomotives.

#### Epoch II - The state railway epoch

The newly founded German State Railways (DRG) marks the end of the regional railway companies in 1924. The rather young company has to cope with a sheer unmanageable amount of different construction types of locomotives and wagons. Unity is required. The DRG superiors issue a new numeric scheme to every existing locomotive. The vehicles' liveries and inscriptions are standardised. Last but not least, a new locomotive type is being developed: the standard layout locomotive – many identical construction groups for multiple vehicle series.

#### Epoch III - The early German Railways and German State Railway epoch

The reconstruction work after World War II marks the first years of the epoch III. The economic miracle gathers full speed. However, Germany develops into two different directions: in the year 1949 the Federal Republic of Germany in the western part, and the German Democratic Republic in the eastern part are founded. The division does not spare the railway. In West Germany the Deutsche Bundesbahn (Germany Railways, DB) is responsible for the railway network, in East Germany the so called Deutsche Reichsbahn (German State Railway, DR) is in charge. Even though the millionth VW Beetle is produced on 5th August 1955, the railway is still popular.

#### Epoch IV - The late German Railways and German State Railway epoch

It will still take 20 year for the Atari and C64 to be developed, but the computer era has already begun in 1968. The epoch IV starts with the conversion to computer-compatible norms and the introduction of an internationally valid inscription scheme. The period of the flower children also effects the railway: the trains are getting colours at the beginning of the 70s. Modern and friendly – according to the German Railways. Too multicoloured – according to the public. But the time of the pop colours is over just as quickly as it started. Only a few years after the end of the steam locomotives in 1977, the Intercity Experimental, the prototype of the ICE, roars through Germany.

#### Epoch V - The epoch of the Deutsche Bahn AG

Now grows together what belongs together. The year 1990 marks the end of the two separate German states and in 1994 the two different railway administrations cease to exist. DB and DR now form the DB AG. The railway reform heralds the era of the non federally owned railways. Moreover, the trend to rent advertising space on the smooth side walls of locomotives and wagon spills over from the USA. Allowed is what pleases; and the coloured inscriptions add a noticeable touch of colour to the predominantly uniform red.

#### Epoch VI - The epoch of the privately owned railways

Cross boarder multi system capable locomotives and trans-European high speed railways are already becoming the norm rather than the exception. Therefore the vehicle inscriptions are Europeanised. Since 2007, every newly licensed railway vehicle bears a 12-digit UIC-number. Apart from that, many features from the previous epoch can be found – most notably the coloured privately owned locomotives which stand out from the DB monotony. The epoch VI has just begun and is in its early stages of development.

But no matter how diverse the different epochs are, a distinctive trait can still be detected for every single one. For further information, please read the following pages or browse through our magazine "Modelleisenbahn report".

## Epoch I - Royal Bavarian

Epoch I means regional railways and that is precisely where the Ptl 2/2, better known as "Glaskasten" ("Glass Box"), belongs. The little steam locomotive of the Royal Bavarian State Railway (K.B.Sts.B.) – the second biggest regional railway apart from the Prussian State Railway – is first and foremost known by its nick name. It is a reference to the huge driver's cab with its multiple windows on every side which surrounds the whole boiler, with exception of the smoke box. The little steam locomotive disposes of a semi-automatic gravity-feed firing, therewith enabling one-man operation. The local train can be seen on Bavarian branch lines during the first decades of the 20th century.



# Steam locomotive type BR PtL 2/2, K.Bay.Sts.B.

Prototype: Steam locomotive "Glaskasten" type PtL 2/2 of the Royal Bavarian State Railway (K.B.Sts.B.). Wheel arrangement: B h2t. Original version that comes in typical Bavarian livery. Operation condition: 1914s. Service: Passenger transportation and for light goods trains on branchlines. Model: Reissue model with finely detailed appearance. New running numbers. Double headlight. Overall length: 80 mm.



# 3 piece set of branchline trains, K.Bay.Sts.B

Prototype: Three different branchline trains of the Royal Bavarian State Railway (K.Bay.Sts.B), one luggage wagon type GwL and two platform wagons type CL. Operation condition: 1910s. service: Passenger trains on Bavarian branchlines. Model: Finely detailed appearance with original decoration strips and inscriptions. Overall length: 100 mm / 102 mm.



63228

K. Bay. Sts. B.



80

RRP € 159.00

64048

K.Bay.Sts.B.



RRP € 99.00



#### **Epoch II - Berlin City Railway**

The epoch II is not imaginable without the Berlin City Railway, even though it has been around much longer than the beginning of this epoch. Since 1882 the Berlin City Railway meanders from east to west through Berlin as an elevated railway on striking viaducts built of masonry and iron bridges. The tender locomotive type 74 – which by the way was operated as Prussian T 11 before the standardisation wave of the DRG – and its two times coupled compartment wagons from the 1930s are among the last exemplars of the steam generation on the Berlin City Railway. This is due to the gradual electrification of the city railway routes which began in the 20s at the insistence of the City Railway's operating company. The two times coupled, 3-axled compartment wagons are typical for the Berlin City Railway. That way, longer trains have still enough space next to the platform edge and with that many doors in each wagon, the passengers can board and exit the train considerably faster.

#### 62293







RRP € 161.00

> 64014 64015







RRP € 69.00

#### 64016







RRP € 69.00

# **BR 74 steam locomotive, DRG**

Prototype: BR 74 Passenger-Tank locomotive of the German State Railway (DRG). Wheel arrangement: 1'C h2t. Operation condition: 1930s. Service: City railway traffic in Berlin. Model: Finely detailed appearance with 2 headlight. Overall length: 135 mm. Complimentary to the compartment wagon pairs 64014, 64015 and 64016.



# 3rd class compartment car set, DRG

Prototype: Two entirely coupled 3rd class compartment cars, in 3-axle Prussian design of the German State Railway (DRG). Operation condition: 1930s. Service: Passenger trains on the Berlin City Railway route. Model: Finely detailed appearance. Eqipped for interior lighting. Overall length: 300 mm.



#### 3rd class compartment car set DRG

Prototype: Two entirely coupled 3rd class compartment cars, in 3-axle Prussian design of the German State Railway (DRG). Operation condition: 1930s. Service: Passenger trains on the Berlin City Railway route. Model: Finely detailed appearance. Eqipped for interior lighting. Overall length: 300 mm.



# **Epoch III - Shapely pride of the German Railways**

With the summer timetable of the year 1951 – the economic miracle just begins to blossom – the German Railways (DB) introduce a new train type: the long-distance train. These trains connect the economic centres of the Federal Republic. A red dining wagon, operated by the DSG, is situated between the steel blue coloured express train wagons. A V 200 can oftentimes be found at the front. Shapely designed, this locomotive is the pride of the German Railways. If you book a city trip to Kiel, Cologne, Frankfurt or Munich in the 50s, you will make that journey with the "Gambrius" – named after the legendary inventor of brewing – one of the most famous long-distance train of this time.



# V 200.0 Diesel locomotive, DB

Prototype: Diesel locomotive type V 200.0 of the German Railways (DB). Wheel arrangement: Bo'Bo'. Operation condition. 1960s. Service: Heave passenger trains, also F-trains. Finely detailed reissue model in purple red livery. With "DEUTSCHE BUNDESBAHN" inscriptions. Also with three headlight and two red tail lights. Overall length: 212 mm.



# 3 piece F train set "Gambrinus", DB

Prototype: Two 2nd class F-trains and one dining wagon of the German Railways (DB). Operation condition: 1950s. Service: High quality passenger transportation on the F-train railway network. Model: Finely detailed and reworked appearance with trimmed long carriers and in blue F-train livery. Equipped for interior lighting. Overall length per wagon: 249 mm.



63943 № 69943





RRP € 139.00 RRP € 179.00

64041





RRP € 169.00





# 62496 BR 110.3 electric locomotive, DB

RRP € 174.00

Prototype: Electric locomotive type 110.3 of the Deutsche Bahn AG (DB), in blue livery. Wheel arrangement: Co'Co'. Operation condition: 1980s. Service: Express trains and stopping trains. Model: Finely detailed appearance without rain drain, but with Klatte ventilators. With three headlight and 2 tail lights. Overall length: 190 mm.







## 64028 3 piece set of night trains

RRP € 169.00

Prototype: One sleeper type WLABm 175 in blue livery and with steep roof, one sleeper type WLABm 174 in red livery and with round roof and compartment wagon type Bm232 of the German Railways (DB). Operation condition: 1980s. Service: Night trains and for the Turnus traffic. Model: Finely detailed appearance with original livery and inscription. Equipped for interior lighting. Sleepers in this construction version for the first time. Overall length per wagon: 303 mm.





# **Epoch IV - Night trains**

Even at a late hour there's happening a lot on the tracks: national and international night trains supplied by the international TEN sleeper pool (Trans Euro Night) run through the night. Different types of couchette coaches and sleepers – with a round or steep roof, in blue, red or green livery or striped – are lined up one after the other in long trains, hauled by a type 110 locomotive. The so called "Bügelfalte" ("Crease") locomotives may be not the newest ones, but – externally modernised – they are still in good shape.



## 64029 3 piece set of night trains, DB

RRP € 169.00

Prototype: Two sleepers type Bcm 241 in blue livery and one sleeper type Bcm 251 in ocean blue livery of the German Railways (DB). Operation condition: 1980s. Service: Night trains. Model: Finely detailed appearance with original livery and inscription. Equipped for interior lighting. Sleepers in this construction version for the first time. Overall length per wagon: 303 mm.



#### Epoch V - Stripes design

The Interregio trains in their characteristic white livery with the blue window strips and a single light blue narrow decorative strip are a popular sight on German and international tracks during the epoch V. The trains are often hauled by locomotives of the type 103. Their power and appearance contributed to their type series being among the most familiar German locomotives. In fact, the series should be discharged from 1997 on – 30 years of service hauling heavy passenger trains in long-distance traffic leaves its marks even on the strongest locomotive. But until today the German Railways cannot do without them: 4 locomotives are still at their disposal as an reserve.



# 62371 BR 103.1 electric locomotive, DB AG

RRP € 209.00

Prototype: Electric locomotive type 103.1 with long driver's cab of the Deutsche Bahn AG. Wheel arrangement: Co'Co'. Operation condition: 2000s. Service: For high quality passenger transportation (IC, EC and Interregio). Model: Finely detailed reissue model in Orient red livery. With three headlight and 2 tail lights. Overall length: 236 mm.



## 45135 1st class Interregio express wagon, DB AG

RRP € 54.90

Prototype: 1st class passenger carriage type Aimz 261.4. of the German Railways (DB). Operation condition: 1993s. Service: Interregio traffic. Model: Reissue model in finely detailed appearance, in "Interregio" livery, with interior that corresponds to the original. Equipped for interior lighting. Overall length: 303 mm.



# 45140 1st class Interregio buffet wagon, DB

RRP € 54.90

Prototype: 1st class passenger carriage with buffet compartment type ARkimbz 262.4. of the German Railways (DB). Operation condition: 1993s. Service: Interregio traffic. Model: Reissue model in finely detailed and authentic appearance, in "Interregio"livery, with interior that corresponds to the original. Equipped for interior lighting. Overall length: 303 mm.





# 45136 2nd class Interregio express wagon, DB

#### RRP € 54.90

Prototype: 2nd class passenger carriage type Bimz 264.4. of the German Railways (DB). Operation condition: 1993s. Service: Interregio traffic. Model: Reissue model in finely detailed and authentic appearance, in "Interregio"livery, with interior that corresponds to the original. Equipped for interior lighting. Overall length: 303 mm.



# 45137 2nd class Interregio express wagon, DB

#### RRP € 54.90

Prototype: 2nd class passenger carriage type Bimz 264.4. of the German Railways (DB). Operation condition: 1993s. Service: Interregio traffic. Model: Reissue model in finely detailed and authentic appearance, in "Interregio"livery, with interior that corresponds to the original. With modified running numbers. Equipped for interior lighting. Overall length: 303 mm.



## 45139 2nd class Interregio express wagon, DB AG

#### RRP € 79.90

Prototype: 2nd class passenger carriage type Bimz 264.4. of the German Railways (DB). Operation condition: 1993s. Service: Interregio traffic. Model: Reissue model in finely detailed and authentic appearance, in "Interregio"livery, with interior that corresponds to the original. With modified running numbers. Equipped for interior lighting. Overall length: 303 mm.



# 45138 2nd class Interregio express wagon, DB AG

### RRP € 54.90

Prototype: 2nd class passenger carriage type Bimz 264.4. of the German Railways (DB). Operation condition: 1993s. Service: Interregio traffic. Model: Reissue model in finely detailed and authentic appearance, in "Interregio"livery, with interior that corresponds to the original. Equipped for interior lighting. Overall length: 303 mm.

# Epoch VI - IC in an express costume

Many vehicles which are used in the traffic of the epoch VI could also belong to the epoch V. The IC-trains, which were introduced into service in 1971 and are still used nowadays, are likewise a relic from epoch V times. Their appearance – as the term "ICE livery" indicates – resembles the Intercity Express trains, but concerning comfort, service and overall travel time, the IC trains have to be classified below the ICEs. Often enough both, the IC and the ICE, share the high speed lines with their many tunnels. Therefore almost all IC wagons come with improved resistance against sudden pressure fluctuations. In order to run on the high speed lines, the trains need to have enough horsepower. Constructed for a speed of 250 km/h, the universal high performance locomotive of the type 101 meets this requirement.



62340 BR 101 electric locomotive with PluX decoder, DB AG

RRP € 279.00 RRP € 279.00

Prototype: electric locomotive type 101 of the Deutsche Bahn AG (DB AG). Operation condition: around 2005. Service: mainly high-quality passenger traffic with Intercity and Eurocity (IC, EC). Finely reworked model with detached grab bars, kinematics for close coupling, LED lighting and Epoch VI inscriptions. Ex works with PluX decoder for different digitally controlled lighting functions. Overall length: 218 mm.



45788 1st class IC saloon wagon, DB AG SPECIAL

~ 68340

RRP € 55.90

The prototype is a 1st class saloon wagon type Apmz 127.1 with improved resistance against overpressure of the Deutsche Bahn AG (DB AG) in ICE livery and in current operation condition. Service: high class passenger traffic (IC, EC). Reissue model with modified running number and current epoch VI inscription. Overall length: 303 mm.



45789/64319 2nd class IC saloon wagon, DB AG SPECIAL

RRP € 55.90

The prototype is a 2nd class saloon wagon type Bpmz 293.2 with improved resistance against overpressure of the Deutsche Bahn AG (DB AG) in ICE livery and in current operation condition. Service: high class passenger traffic (IC, EC). Reissue model with modified running number and current epoch VI inscription. Overall length: 303 mm.



45790 2nd class IC saloon wagon, DB AG

SPECIAL

RRP € 55.90

The prototype is a 2nd class saloon wagon type Bpmz 293.2 with improved resistance against overpressure of the Deutsche Bahn AG (DB AG) in ICE livery and in current operation condition. Service: high class passenger traffic (IC, EC). Reissue model with modified running number and current epoch VI inscription. Overall length: 303 mm.



45830 2nd class IC compartment wagon, DB AG

SPECIAL

RRP € 55.90

The prototype is a 2nd class compartment wagon type Bvmz 185 with improved resistance against overpressure of the Deutsche Bahn AG (DB AG) in ICE livery and in current operation condition. Service: high class passenger traffic (IC, EC). Reissue model with modified running number and current epoch VI inscription. Overall length: 303 mm.



45831 1st class IC compartment wagon, DB AG

SPECIAL

RRP € 55.90

The prototype is a 1st class compartment wagon type Avmz 107 with improved resistance against overpressure of the Deutsche Bahn AG (DB AG) in ICE livery and in current operation condition. Service: high class passenger traffic (IC, EC). Reissue model with modified running number and current epoch VI inscription. Overall length: 303 mm.



45858 IC bistro wagon, DB

SPECIAL

RRP € 55.90

The prototype is a bistro wagon type Arkimbz 266.4 with improved resistance against overpressure of the Deutsche Bahn AG (DB AG) in ICE livery and in current operation condition. Service: high class passenger traffic (IC, EC). Reissue model with modified running number and current epoch VI inscription. Overall length: 303 mm.



# 62369 BR E 03 electric locomotive, DB

RRP € 209.00 RRP € 249.00

**№** 68349

Prototype: BR E 03 electric locomotive type E 03 of the German Railways (DB). Wheel arrangement: Co'Co'.Operation condition: 1965s. Service: For high quality passenger transportation (TEE) and train trial runs. Model: Finely detailed reissue model of the pilot run series. With three headlight and 2 red tail lights. The BR E 03 is perfect the pull locomotive to go with the "TEE-Blauer Enzian" train. Overall length: 226 mm.



# 64024 3 piece TEE set "Blauer Enzian", DB

RRP € 199.00

Prototype: One high capacity coach type Ap4üm, one compartment wagon type Av4üm, one dining wagon type Wrüm 132 of the German Railways (DB). Build for the TEE Blauer Enzian. Operation condition: 1965s. Servie: High quality passenger traffic (TEE). Model: Finely detailed appearance in red/beige livery in red/beige livery and with Epoch III inscriptions. Equipped for interior lighting. verall length per wagon: 303 mm / 316 mm.

#### TEE 55/56 - Blue Enzian

With the introduction of the F-train net in 1951, the Deutsche Bundesbahn (DB) was looking for a fitting name for a show train which was routed from Hamburg to Munich through the short connection via Würzburg and Treuchtlingen. A customer survey amongst the passengers resulted in the name "Blue Enzian" for the show train, the name of a very rare Alpine flower for a very special train. For example in the "Blue Enzian" the wagons of the Henschel-Wegmann-train were used which made it completely unique in relation to others. With the progressing electrification, the electric wire reached Hamburg in 1965, the "Blue Enzian" was promoted to a TEE and the newest wagon and locomotive stock was used. Even then the brand new pre series locomotives of the series BR E 03 were very often used and headed up the "Blue Enzian" between Nuremberg and Hamburg. The train was made up from two compartment wagons of the construction series A4vüm-65 (Avmz 111), two high capacity coaches A4püm (Apmz 121), one dining wagon of the series WRmz 132, and instead of a sightseeing wagon a bar wagon ARDmz 105. The TEE "Blue Enzian" created lots of excitement not only with the luxurious interior but also with its speed: with an average traveling speed of 106 km/h it was the fastest train of the Deutsche Bundesbahn (DB). The plans to connect the "Blue Enzian" with the Italian TEE "Mediolanum" all the way to Milan were dropped and instead the route of the mundane train was continued through Salzburg and the Tauern Railway all the way to Klagenfurt. The train was divided into two in Rosenheim where the remaining part was replenished with an ÖBB wagon and continued on to Zell am See via Kufstein. In 1969 the bar wagons were removed from the TEE "Blue Enzian" and 1971 it was absorbed into the new IC net of the Bundesbahn. In the following years the classification and the route were changed and even the name was completely abandoned. In the sober day to day service of today nothing reminds us of the legendary TEE "Blue Enzian"; it stays fresh in the minds of railway friends as a picture and a model as one of the most well known trains of the Budesbahn (DB).



## 64025 2 piece TEE set "Blauer Enzian", DB

RRP € 134.00

Prototype: One high capacity coach type Ap4üm, one compartment wagon type Av4üm of the German Railways (DB). Build for the TEE Blauer Enzian. Operation condition: 1965s. Servie: High quality passenger traffic (TEE). Model: Finely detailed appearance in red/beige livery and with Epoch III inscriptions. Equipped for interior lighting. Overall length per wagon: 303 mm/316 mm.



## 62609 BB9200 electric locomotive, SNCF

RRP € 199.00

Prototype: Electric locomotive series BB9200 of the French State Railway (SNCF). In red "Le Capitole" livery. Operation condition: 1960s. Service: Express trains. Model: Finely detailed reissue model with new running number. With double headlight and two red tail lights. Overall length: 188 mm.



# 64045 4 piece set "Le Capitol" withexpress trains, SNCF

RRP € 219.00

Prototype: Four express wagons type A9 of the French State Railway (SNCF) in elegant "Le Capitole" livery. Operation condition: 1960s. Service: Rapid traffic on the route Paris - Toulouse. Model: Finely detailed appearance with printing that corresponds to the original. Equipped for interior lighting. Overall length per wagon: 282, 5 mm.

#### Capitole - High speed in France

After the Second World War, France established itself more and more as a high speed country in regard to the railways. Until today the French railway industry is the industry leader with the TGV and dominates the market nationally as well as internationally. At the beginning of the standard express train service stood a very elegant train, the "Capitole," which connected Paris with Toulouse. As a locomotive a fast sub series of the established BB 9200 was used. Four locomotives were certified for 200 km/h and the 9291 and 9292 even reached a maximum speed of 250 km/h which was a breakthrough for 1967 and was internationally recognized. Locomotive and wagons were decorated in an uniform red and white which gave the train an elegant and modern touch. The train promised next to shorter trip times also more comfort for the many business travelers that liked this connection and often used it. Next to 1st and 2nd class wagons the "Capitole" also had a dining car and a 2nd class luggage wagon. The "Capitol" was one of the most beautiful and well known trains in France and with the success of its concept it was and is the foundation of the high speed rail net which presently being built and expanded all throughout Europe.



#### 64046 4 piece set of express trains "Le Capitole", SNCF

RRP € 219.00

Prototype: One express wagon type A7D, two express wagons type A9 and one dining wagon type WR of the French State Railway (SNCF) in elegant "Le Capitole" livery. Operation condition: 1960s. Service: Rapid traffic on the route Paris - Toulouse. Model: Finely detailed appearance with printing that corresponds to the original. Equipped for interior lighting. Overall length per wagon: 282, 5 mm.

#### D 264/265 Mozart Paris Est - Strasbourg - Munich - Vienna West terminal

The train connection Paris - Vienna under the name "Mozart" became a living legend just like the musician that gave it its name as a express train as well as after 1987 as the "Eurocity" train. Many photographs taken by railway enthusiasts documented the most beautiful passages of the train route with the respective locomotives from each epoch. The journey took just about 14 hours between these two historic capitals and it was famed as one of the most attractive daily connections across Europe. Not few travelers went on it for the entire duration and opted against the shorter trip by plane. In the 1980s the "Mozart" usually had wagons from all countries that it traveled through in the line up. Between several orange painted Austrian Eurofima-wagons and the French Corail-passenger carriage wagons was a German semi dining wagon lined up in the classic TEE red and beige livery. This interesting composition was on its way for many years with the typical train locomotives on the subsequent parts of the route: an Austrian series 1044, a German BR110 in a refitted version and on French soil a nose locomotive from the series BB 15000. After 1987 the "Mozart" became as the Eurocity entirely part of the Austrian train fleet of the Österreichischen Bundesbahn (ÖBB) until the name of this train legend was finally discontinued. At this moment it is planned to run a route from Paris through Vienna all the way to Budapest with a TGV. It is quite possible that once again the railway will be chosen over other forms of transportation. The "Mozart" remains unforgettable as an image and as a model almost like its ingenious namesake with his music.

# BR 110.1 electric locomotive, DB

Prototype: Electric locomotive type 101 of the Deutsche Bahn (DB). Wheel arrangement: Bo'Bo'. Operation condition: 1980s. Service: Express trains and stopping trains. Model: Finely detailed and complete new construction of the locomotive body, with single lamp, without rain drain, but with Schweiger ventilators. With three headlight and two red tail lights. Precise reconstruction of the red single lamps bulbs. Overall length: 190 mm.





# Rh 1044 electric locomotive, ÖBB

Prototype: Multi-purpose electric locomotive type 1044 of the Austrian Railways (ÖBB). Wheel arrangement: Bo'Bo'. Operation condition: 1980s. Service: Express trains and goods trains. Perfect locomotive to pull the D-train "Mozart" on the route München-Vienna. Model: Appearance in blood orange livery, with high ventilators. Three headlight and 2 red tail lights. Overall length: 184 mm.



#### **BB15000** electric locomotive, SNCF

Prototype: Electric locomotive series BB15000 of the French State Railway (SNCF). With the French TEE design. Operation condition: 1980s. Service: Express trains and goods trains, for example the D-train "Mozart" on the route Paris-Strassbourg. Model: Reissue model with double headlight and two red tail lights. With logo. Overall length: 220 mm.



















62615





RRP € 162.00

# Set of Eurofima-passenger carriages "Mozart", ÖBB

Prototype: One air conditioned 1st/2nd class passenger carriage type ABmz and two air conditioned 2nd class passenger carriages type Bmz of the Austrian Railways (ÖBB). Operation condition: 1985s. Service: Express train "Mozart", on route Vienna – Paris. Model: Reissue model with modified running numbers in "Eurofima" livery. With train destination plate D "Mozart". One 2nd class wagon has a LED tail lighting. Digitally switchable with DCC. Equipped for interior lighting. Overall length per wagon: 303 mm.









RRP € 164.00

45832









45787







64018







RRP € 164.00



# 2nd class EUROFIMA wagon "Mozart", ÖBB

Prototype: 2nd class passenger carriage with air-condition type Bmz of the Austrian Railways (ÖBB). Operation condition: approx. 1985s.

Service: FD "Mozart". On route Vienna – Paris. Model: Reissue model with modified running numbers in "EUROFIMA" livery. With train destination plate FD "Mozart". Equipped for interior lighting. Overall length: 303 mm.



# IC-Semi dining wagon "Mozart", DB

Prototype: 1st class semi dining wagon withouth pantographs type ARmh 217 of the German Railway (DB) with red skirting. Operation condition: approx. 1985s. Service: FD "Mozart". On the route Vienna-Paris. Model: Reissue model with modified running numbers. With train destionation plate FD "Mozart". Equipped for interior lighting. Overall length: 316 mm.



# Corail passenger carriage set "Mozart", SNCF

Prototype: One 1st class compartment cars type VSE and two 2nd class compartment cars type Vu of the French State Railway (SNCF). Operation condition: approx. 1985s. Service: FD "Mozart" on the route Vienna-Paris. Model: Reissue model with modified running numbers, in "Corail" livery. With the train destination plate FD "Mozart. Equipped for interior lighting. Overall length per wagon: 303 mm.



62361 68361







# Electric locomotive "Railjet" type Rh 1116, ÖBB

Prototype: Multi purpose electric locomotive type 1116 of the Austrian Railways (ÖBB). Wheel arrangement: Bo'Bo'. Comes in current livery for the star of the ÖBB "Railjet". Name of the locomotive: "Spirit of Austria". Current operation condition. Service: Lining up of the Railjet train set for the national and international traffic (routes: Budapest-Vienna-Munich and Vienna-Zurich). Model: Finely reworked model in detailed appearance. With three pantographs. Additional skirting between the bogies. Three headlight and two red LED tail lights. 22 pole Plux interface. Kinematics for close coupler. Overall length: 221 mm.



RRP 229.00 RRP 269.00

64012 •• 64022







# 4 piece wagon set "Railjet", ÖBB

Prototype: 4 piece wagon set "Railjet" of the Austrian Railways (ÖBB). Content: One economy-end wagon, one economy wagon, one dining wagon and one control cab coach with premium compartment. Current operation condition. Service: High quality international passenger transportation. Model: Complete new construction of the Railjet in multi-coloured livery. The coaches are connected to each other using a multi-pin, current conducting coupling. Power pick-up in conjunction with the locomotive 62361/68321 in digital operation with the loco at the head. Reproduction of the interior fittings for each different classes, fine corridor connections. Cab-trailer coach with triple headlights and red tail lights. Interior lighting factory fitted in all coaches, with headlight function of the trailer coach in conjunction with the loco 62361/68321 digitally operated. The running numbers correspond to those of the set "Spirit of Austria". Overall length of the 4 part set: 1,222 mm. wagons come in scale 1:87. LED interior lighting. Overall length of the 4 piece set: 1222 mm.



RRP 299.00 RRP 309.00

# Railjet-economy-wagon, ÖBB

 $Prototype: High \ capacity \ economy \ coach \ of the \ Railjet \ train \ of the \ Austrian \ Railways \ (\ddot{O}BB). \ Current \ operation \ condition.$ 

Service: High quality international passenger transportation.

Model: Complete new construction of the Railjet in multi colour livery. Exact rendering of the interior. Finely detailed wagon transitions.

Running numbers correspond to the original "Spirit of Salzburg". Overall length: 305 mm.

64719 64719







RRP € 69.90

64720

64720



Railjet-economy-wagon, ÖBB

Railjet-business-wagon, ÖBB

Prototype: High capacity economy coach of the Railjet train of the Austrian Railways (ÖBB). Current operation condition. Service: High quality international passenger transportation.

Model: Complete new construction of the Railjet in multi colour livery. Exact rendering of the interior. Finely detailed wagon transitions. Running numbers correspond to the original "Spirit of Salzburg". Overall length: 305 mm.



RRP € 69.90

64721 64721









Prototype: High capacity business coach of the Railjet train, Austrian Railways (ÖBB). Current operation condition. Service: High quality

Finely detailed wagon transitions. Running numbers correspond to the original "Spirit of Salzburg". Overall length: 305 mm.

international passenger transportation. Model: Complete new construction of the Railjet in multi colour livery. Exact rendering of the interior.

RRP € 69.90 62366 • 68366







# Electric locomotive "Railjet" type Rh 1116, ÖBB

Prototype: Multi purpose electric locomotive type 1116 of the Austrian Railways (ÖBB). Wheel arrangement: Bo'Bo. Appearance in current livery for the new ÖBB runner "Railjet". Name of locomotive "Spirit of Salzburg". Current operation condition. Service: Line up of Railjet for the national and international traffic (Routes: Budapest-Vienna-Munich and Vienna-Zurich). Model: Finely detailed appearance with three pantographs. With additional skirting between the boogies. Three headlight and 2 red LED tail lights. With integrated sound. Ex works. With electric conduit multi pole couplers and with driving direction dependent power input – in connection with the set 64042. Kinematics of the close couplers. Overall length: 221 mm.



RRP 369.00 RRP 369.00

64042 •• 64050







# 4 piece wagon set "Railjet", ÖBB

Prototype: 4 piece wagon set "Railjet", Austrian Railways (ÖBB). Content: One economy-end wagon, one economy wagon, one dining wagon and one control cab coach with premium compartment. Current operation condition. Service: High quality international passenger transportation. Model: Complete new construction of the Railjet in multi colour livery. Rendering of the different class interiors, finely detailed wagon transitions. Control cab coach with three headlight and 2 red LED tail lights. With electric conduit multi pole couplers and driving direction dependant power input if connected to the locomotive 62366. Running numbers corresponds to the original "Spirit of Salzburg". All wagons come in scale 1:87. LED interior lighting. Overall length of the 4 piece set: 1222 mm.



RRP 389.00 RRP 399.00

# Railjet-business-wagon, ÖBB

Railiet-business-wagon, ÖBB

Scale: 1:87. With LED interior lighting. Overall length: 305 mm.

Prototype: High capacity economy coach of the Railjet train, Austrian Railways (ÖBB). Current operation condition. Service: High quality international passenger transportation. Model: Complete new construction of the Railjet in multi colour livery. Exact rendering of the interior. Finely detailed wagon transitions. With electric multi pole conduit couplers. Running numbers correspond to the original "Spirit of Salzburg". Scale: 1:87. With LED interior lighting. Overall length: 305 mm.

64722 **№** 64725









Prototype: High capacity economy coach of the Railjet train, Austrian Railways (ÖBB). Current operation condition. Service: High quality international passenger transportation. Model: Complete new construction of the Railjet in multi colour livery. Exact rendering of the interior. Finely detailed wagon transitions. With electric multi pole conduit couplers. Running numbers correspond to the original "Spirit of Salzburg". RRP 89.90 RRP 89.90

64723 **∼** 64726







Prototype: High capacity business coach of the Railjet train, Austrian Railways (ÖBB). Current operation condition. Service: High quality international passenger transportation. Model: Complete new construction of the Railjet in multi colour livery. Exact rendering of the interior. Finely detailed wagon transitions. With electric multi pole conduit couplers. Running numbers correspond to the original "Spirit of Salzburg". RRP 89.90 RRP 89.90

64724 **№** 64727







Scale: 1:87. With LED interior lighting. Overall length: 305 mm

Railjet-business-wagon, ÖBB



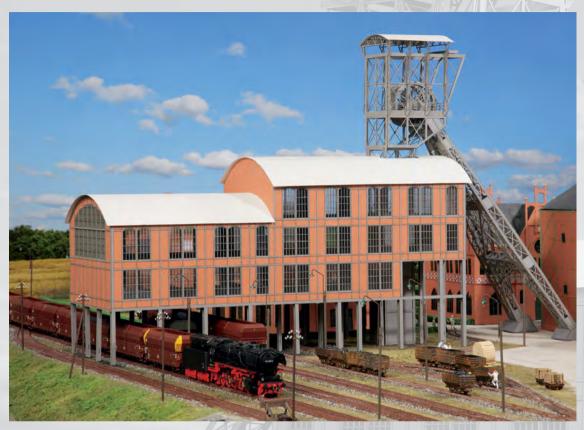
RRP 89.90 RRP 89.90

#### 15000

#### Hoist frame and shaft hall of the Zollern mine

Prototype: Hoist frame and shaft hall of the Zollern coal mine II/IV in Dortmund. This is where the coal is hoisted up to the surface and separated from the rock, then it is sorted according to size and directly loaded into the railway wagons that are waiting below.

Model: Finely detailed industrial architecture kit. All components made out of high quality special architecture carton which are engraved with laser technique and precisely cut. All parts come in realistic soft livery and on request they can be aged. Length: 665 mm, width: 195 mm, height: 505 mm (upper edge of hoist frame)



#### **Zollern Mine - from model mine to museum**

Between 1898 and 1904 a model mine was built in the Northwestern part of Dortmund by the Vereinigte Stahlwerke (United Steelworks) and renamed 1934 into Gelsenkirchner Bergwerks AG (GBAG). The main purpose of this mine was it to express modernity and progress as well as economic power with spectacular industrial buildings. The architect Paul Knobbe (1867-1956) who planned a substantial part of the new building projects of the GBAG around the turn of the century was mostly inspired by the Northern German Gothic brick buildings were red brick walls were substituted by formed stones, decorative elements and bright plaster fields. Next to the machine hall is the interior of the Lohalle that stands as a shining example of German industrial architecture and just recently a complete restoration was undertaken that now lets it shine in its old glory once again. The coal mine Zollern consisted of the underground shafts I/III in Kirchlinde and II/IV in Bövinghausen. In several steps a final depth of 490 m was reached in 1942, in shaft 2 and already 1908 the subterranean transportation of the coal with locomotives was started. The smelter however that opened 1904 operated only until 1918. Despite that the mine had very modern equipment, a lot of shortfalls became apparent in the above ground complex: an effective separation and treatment was not possible and the short shaft hall did not allow for a wagon turnaround. Therefore plans were made as soon as the 1920s to combine the production of the mines of Zollern and Germania. In 1955 the mine in Zollern was closed entirely and buildings and equipment like the shaft hall and cable cars were dismantled step by step. Between 1967 and 1967 the mine shafts in Zollern were back filled and production at the mine Germania stopped 1971 when it closed its doors for ever. It is remarkable that in Zollern no changes were made during its time of operation; even the damages sustained during the Second World War were minor. Only a few rusted and worn out parts like the scaffoldings for the transportation belts were dismantled and replaced between 1986 and 1988 by similar constructions from the mines Wilhelmine-Victoria in Gelsenkirchen and Friedrich der Grosse in Herme. The extraordinary architecture was the reason for the preservation and the following use as a museum is looked at today as one of the first examples of industrial landmark preservation. The Zollern mine belongs today to the Westfälische Industry Museum, which also has a branch in Zollern, and with the visitors center it is an important mile stone on the route of the European Industrial Culture (ERIH).

RRP € 199.00

# **Administration building of the Zollern mine**

Prototype: Administration building of the Zollern coal mine II/IV in Dortmund. Opposite of the front gate on the main axis the representative gothic brick building reminds us of the importance of the coal and steel industry. The building of the mine can be used independently of the mine as a villa or a hotel. Model: Finely detailed industrial architecture kit. All components made out of high quality special architecture carton which are engraved with laser technique and precisely cut. All parts come in realistic soft livery and on request they can be aged. Length: 185 mm, width: 235 mm height: 220 mm.



# Front gates building with gate of the Zollern mine

Prototype: Two front gate buildings with gates of the Zollern coal mine II/IV in Dortmund. The two symmetrical front gate buildings with the main gate are lined up on the same axis with the administration buildings and the machine hall. They are also suitable for similar industrial complexes o ras the front gate to a villa or to a park. Model: Finely detailed industrial architecture kit. All components made out of high quality special architecture carton which are engraved with laser technique and precisely cut. All parts come in realistic soft livery and on request they can be aged. Length: 120 mm, width: 100 mm.



15003

RRP € 179.00

15004

RRP € 99.00 62846 68846





RRP € 164.00 RRP € 204.00







RRP € 289.00 RRP € 289.00

> 62263 •• 68263





RRP € 279.00 RRP € 319.00

> 63872 № 69872





RRP € 182.00 RRP € 223.00

## **BR 221 Diesel locomotive, DB**

Prototype: Diesel locomotive type 221 of the Deutsche Bahn (DB). Wheel arrangement: Bo'Bo'. Operation condition:1970s. Service: For passenger and heavy goods transportation. Often used in the mining industry sector. Model: Finely detailed appearance. Comes in purple red livery and with three headlight and two red tail lights. With modified running number. Overall length: 213 mm.



# **BR 221 Diesel locomotive, DB**

Prototype: Diesel locomotive type 221 of the Deutsche Bahn (DB). Wheel arrangement: Bo'Bo'. Operation condition: 1970s. Service: For passenger and heavy goods transportation. Often used in the mining industry sector. Locomotive of the Bw Oberhausen. Model: Finely detailed appearance. Comes in purple red livery and with three headlight and two red tail lights. With modified running number. Sound version. Overall length: 213 mm.



# **BR 051 steam locomotive, DB**

Prototype: BR 051 steam locomotive of the German Railways (DB). Wheel arrangement: 1'E h2. Operation condition: 1970s.

Service: Mainly goods trains. Model: Finely detailed appearance with Witte smoke deflectors. Three headlight. Overall length: 264 mm.



## **BR 150 electric locomotive, DB**

Prototype: BR electric locomotive of the German Railways (DB) with double lamps. With Schweiger ventilators and rain drain. Wheel arrangement: Co'Co'. Operation condition: 1970s. Service: Heavy goods transportation. Model: For the very first time: with rain drain and double lamps of the Epoch IV. Three headlight and 2 red tail lights. Overall length 224 mm.



# 4 piece set no.1 with self- unloading hopper coaches, DB

Prototype: Four axle self-unloading hopper coaches type Fal 167 of the German Railways (DB). Operation condition: 1970s. Service: Transportation of bulk material such as coal. Model: Finely detailed appearance in brown livery. Different running numbers. Complementary to 66072. Overall length per coach: 138 mm.



66071







RRP € 132.00

66072







RRP € 132.00

66074







€ 61.00

66075







**RRP** € 106.00



# 4 piece set No.2 with self-unloading hopper coahces, DB

Prototype: Four axle self-unloading hopper coaches type Fal 167 of the German Railways (DB). Operation condition: 1970s. Service: Transportation of bulk material such as coal. Model: Finely detailed appearance in brown livery. Different running numbers. Complementary to 66071. Overall length per coach: 138 mm.



## 3 piece set no. 1 with gondolas, DB

Prototype: Three two axle gondolas of the German Railways (DB). Carrying coal. Operation condition: 1970s.

Service: Transportation of bulk material such as coal.

Model: Finely detailed appearance with pull-out coal coach, in drawn to scale graining. Different running numbers. Complementary to 66075. Overall length per gondola: 115 mm.



# 3 piece set with gondolas, DB

Prototype: Three four axle gondolas type Eaos 106 of the German Railways (DB). Carrying coal. Operation condition: 1970s.

Service: Transportation of bulk material such as coal.

Model: Finely detailed appearance with pull-out coal coach, in drawn to scale graining. Different running numbers. Complementary to 66074. Overall length per gondola: 161 mm.



# 15001

# **Machine Hall Zollern Mine**

Prototype: Machine hall of the Zollern coal mine II/IV in Dortmund. Built in Jugendstil style. In this world reknown architectual master piece is the heart and lung of the mine. Here work the machines that propell the ropes that hoist the buckets in the hoisting shafts as well as the air compressors that pump the fresh air, the "weather", into the mine.



RRP € 199.00

# 15002

# Cashier building of the Zollern mine

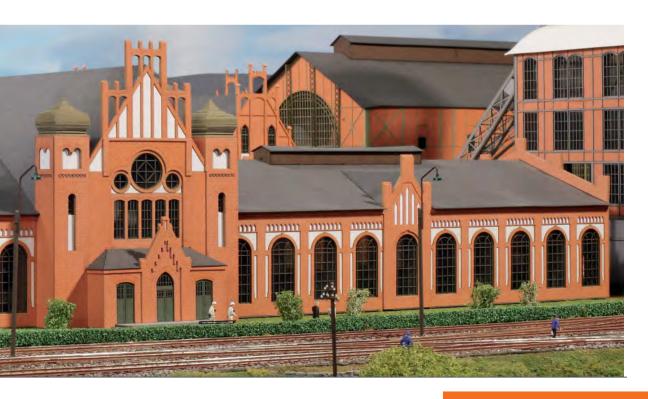
Prototype: Cashier building with locker rooms of the Zollern coal mine II/IV in Dortmund. In this building the wages were paid in cash and the miners could change their clothes and shower.



RRP € 189.00 Model: Finely detailed industrial architecture kit. All components made out of high quality special architecture carton which are engraved with laser technique and precisely cut. All parts come in realistic soft livery and on request they can be aged. The roof can be constructed so that it can be removed. Fine rendering of the steel skeleton framing inside and outside of the roof construction. Especially large window areas make it easy to view in the interior which can additionally be equipped with the interior of 15005. Length: 1120 mm, width: 220 mm, height: 270 mm.



Model: Finely detailed industrial architecture kit. All components made out of high quality special architecture carton which are engraved with laser technique and precisely cut. All parts come in realistic soft livery and on request they can be aged. Length: 970 mm, width: 210 mm, height: 210 mm.

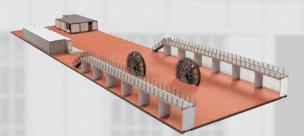


#### 15005

#### Interior of the machine hall of the Zollern mine

Prototype: Interior of the machine hall of the Zollern coal mine II/IV in Dortmund. Built in Jugendstil style.

Model: Finely detailed industrial architecture kit. All components made out of high quality special architecture carton which are engraved with laser technique and precisely cut. They are also available in special plastic. All parts come in realistic soft livery and on request they can be

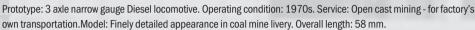


aged. The entire floor of the interior is tiled, the hoists are finely engraved, the famous control panel comes in marble design, and it further includes the machine shops and footbridges. The assemblage of the machine hall 15001 has tob e done simultanously with the construction of the hall.

# RRP € 189.00

#### 33207 HOe-Diesel locomotive ZOLLERN











# RRP € 69.00

## Set of dumpers for mining and shaft railways

34611

Prototype: Four 2 axle dumpers for mining and shaft railways. Operation condition: 1970s. Service: Transportation of wooden rods and other machines and devices. Model: Finely detailed appearance with different running numbers.





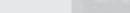
RRP € 28.50

# **Set of mining dumpers**

34612 RRP € 28.50

Prototype: Four 2 axle mining dumpers. Operation condition: 1970s. Service: Transportation of shallow overburden. Model: Finely detailed appearance with different running numbers.

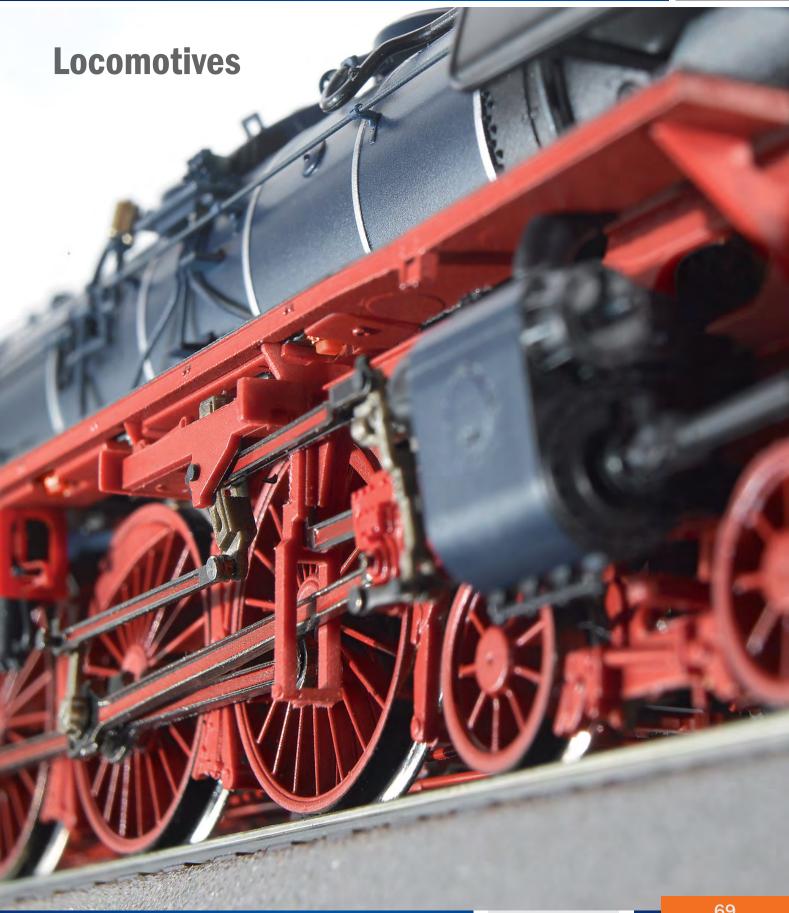
34613 RRP € 28.50











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63306 **69306** 







62212





RRP € 254.00

62327 **№** 68327





RRP € 289.00 RRP € 329.00

63289



RRP € 59.00

# BR 71.5 steam railcar, DRB SPECIAL

Prototype: steam railcar type 71.5 of the German State Railway (DRB) in operation condition of the late 1930s. Service: mainly passenger and goods trains on branch lines. Finely detailed appearance in black livery with double headlight. Overall length: 129 mm.



# Steam locomotive, class 24 of the DRG

Prototype: Passenger train, steam engine, with 3-axled tender, class 24 of the Deutsche Reichsbahn Company (DRG).

Operating condition: 1930's. Wheel arrangement: 1'C h2. Service: Primarily passenger trains.

Model: Complete new construction. Finely detailed appearance with large Wagner smoke deflectors and triple headlights. Overall length: 195 mm



#### **BR 44 steam locomotive, DRG**

Prototype: BR 44 steam locomotive of the German State Railway (DRG). Wheel arrangement: 1'E h3. Operation condition: 1930s. Service: heavy goods trains. Model: Finely detailed appearance with big Wagner smoke deflectors. With 2 headlights. Overall length: 260 mm.



## Steam locomotive, class 80

Prototype: Steam locomotive, class 80. Operating condition: Epoch III. Service: For shunting, passenger trains and goods trains. Model: In red/black livery. Comes with locomotive plates of different European Railways. Feel free to choose. Overall length: 111 mm.



# BR 98.3 steam locomotive, DB

SPECIAL

Prototype: steam locomotive type 98.3 of the German Railways (DB), nicknamed "Glaskasten", ("Glass Box"), former type PtL 2/2 of the Royal Bavarian State Railway (K.B.Sts.B.). Wheel arrangement B h2t in operation condition of the early 50s. Service: passenger trains and light goods trains on branch lines. Model of the 98 302 of the Bw Neu-Ulm with finely detailed appearance in black DB livery with red chassis. Overall length: 80 mm.



# Steam locomotive, class 24 of the DB

Prototype: Steam locomotive with 3 axled tender, class 24 of the Deutsche Bundesbahn (DB). Wheel arrangement: 1'C h2. Operating condition: around 1960. Service: Passenger trains.

Model: Completely new construction. Finely detailed appearance with small Witte smoke deflectors and triple headlights. LED lighting. Overall length: 195 mm.

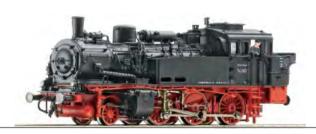


#### Steam locomotive model, class 74 of the DB

Prototype: Tank engine, class 74 of the Deutsche Bundesbahn (DB).

Operating condition: beginning of the 1950's. Service: Primarily passenger trains.

 ${\it Model: Finely detailed, reworked\ appearance\ wit\ double\ headlights.\ Overall\ length:\ 135\ mm.}$ 



## Steam locomotive, class 74 of the DR

Prototype: Tank engine, class 74 of the Deutsche Reichsbahn (DR). Wheel arrangement: 1950's. Operating condition: around 1950. Service: Primarily passenger trains and goods train over short distances.

Model: Finely detailed, reworked model with double headlights. Overall length: 135 mm.



63230







RRP € 164.00

62210 68210









RRP € 249.00 RRP € 294.00

62290







62294

DR





RRP € 151.00

#### 62316







RRP € 264.00

63220 •• 69220





RRP € 304.00 RRP € 344.00

#### 62207







RRP € 239.00

# 63343







RRP € 279.00

# **BR 41 steam locomotive, DB**

Prototype: BR 41 mixed traffic steam locomotive with coal tender and newly constructed boiler of the German Railways (DB). Wheel arrangement: 1'D1'h2. Operation condition: 1960s. Service: mainly for goods trains, express trains and stopping trains. Model: Finely detailed appearance with 3 headlight and LED lighting. Overall length: 275 mm.



# **BR 01.10 Diesel locomotive, DB**

Prototype: Diesel locomotive type BR 01.10 of the German Railways (DB). With oil firing. Operation condition: 1960s. Wheel arrangement: 2'C1'h2. Service: Express trains.

Model: Finely detailed appearance. Comes with new boiler and oil tender. With three headlight. Overall length: 278 mm.



## **BR 064 steam locomotive, DB**

Prototype: BR 064 steam locomotive of the German Railways (DB). Operation condition: 1970s.

Service: Passenger trains and goods trains. Service: Shunting services.

 $Model: Authentic \ appearance \ with \ three \ headlight \ and \ welded \ water \ tank. \ LED \ lighting. \ Overall \ length: \ 142,5 \ mm.$ 



# Steam locomotive, class 001 of the DB

Prototype: Steam locomotive, class 001 with new boiler of the Deutsche Bundesbahn (DB).

Operating condition: 1970's. Service: Express passenger and goods trains.

Model: Version with new boiler and front headlights mounted beneath the footplate. Triple headlights. Available in DC version, epoch IV for the first time. Overall length: 275 mm.

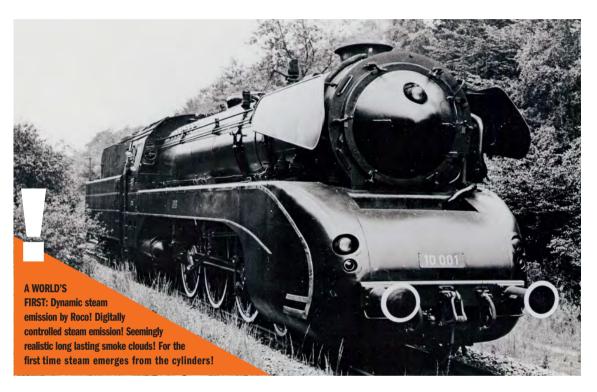


## BR 10 steam locomotive, DB SPECIAL

Prototype: steam locomotive type 10 001 of the German Railways (DB). Wheel arrangement 2'C1' h2. In delivery condition of the 1950s. Service: heavy express and stopping trains. The model is a complete reconstruction. Finely detailed appearance with multiple added pieces and metal wheel sets. With triple headlight and 2 red LED tail lights. Applicable minimum radius 419 mm. Overall length: 305 mm.

#### BR 10 - The Black Swan of the German Railways

In 1953, the company Krupp in Essen received the order to develop a new Pacific express train locomotive which was delivered in 1957 as type series 10. The locomotives with their cone-shaped smoke box doors could reach a maximum speed of 140 km/h. Until 1962 they were stationed at the BW Bebra, after that at the BW Kassel, from where they were used for heavy express train services on the north-south track and the Main-Weser-railway. The general structural change in connection with the steadily advancing electrification of the main lines were the prevailing reasons why the series 10 never entered mass production.



### BR 10 steam locomotive with smoke and sound v

The model additionally features (compared to item no 62190) an extensive digital equipment with smoke generator, sound decoder and speakers. Those functions as well as further lighting effects such as the illumination of the driving mechanism and driver's cab or a white/red light change can be activated separately on both sides of the locomotive via a PluX interface.

### Steam locomotive, class 042 of the DB SPECIAL

Prototype: Mixed traffic steam locomotive with oil-firing, class 042 of the Deutsche Bundesbahn (DB). Operating condition: around 1970. Service: Primarily goods trains, as well as express and light fast trains. Model: Finely detailed, reworked appearance with LED lighting. Triple headlights. Perfect: As a double header together with the class 043 locomotive in front of ore wagons. Overall length: 275 mm.



62190









62191 **№** 68191













RRP € 649.00 RRP € 649.00

62315







**RRP** € 259.00







62282 62283





RRP € 279.00 RRP € 404.00

> 63344 •• 69344





RRP € 289.00 RRP € 329.00

63229

**PRIVAT** 



RRP € 179.00

### Steam locomotive, class 043 of the DB

Prototype: Steam locomotive with oil-firing, class 043 of the Deutsche Bundesbahn (DB). Operating condition: around 1970. Service: Heavy goods trains, ore trains. Model: Available with oil tender from the epoch IV for the first time. Reworked version. Triple headlights. Perfect for wagon type Fad 167. Prepared for smoke units. Overall length: 260 mm.



## BR 52 steam locomotive, DB

SPECIAL

The prototype is a steam locomotive type 52 of the German Railways (DB) in operation condition of the 1950s. Service: predominantly goods and passenger trains. The model is finely detailed and true to the original without smoke deflectors. With LED double headlight. Overall length: 265 mm.



### BR 001 steam locomotive, DB

SPECIAL

The prototype is a steam locomotive BR 01 with a boiler corresponding to the old construction type of the German Railways (DB). Wheel arrangement 2'C1' h2 in operation condition of the early 1970s. Service: express and stopping trains. Finely detailed model for the first time with Witte smoke deflectors, open apron and smoke box bracket with epoch VI inscription. With metal wheel sets and LED lighting. Overall length: 275 mm.



## Steam locomotive "Zuckersusi" ("Sugar Susi")

SPECIAL

Prototype: steam locomotive nr 4 of the Südzuckerwerke ("Sugar Factory") Regensburg in operation condition of the 1950s. Service: industrial goods trains of the sugar factory and for delivery trains to the DB. The model is finely detailed and inscribed true to the original but comes without digital interface. Overall length: 115 mm.



### **BR24** steam locomotive, DR

Prototype: Passenger-steam locomotive with 3 axle with seperate tender of the German State Railway (DR).

Wheel arrangement: 1'C h2. Operation condition: 1960s. Service: Mainly passenger trains.

Model: Finely detailed appearance with big Wagner smoke deflectors and three headlight. Overall length: 195 mm.



### **BR 57 steam locomotive, DR**

The prototype is a steam locomotive type 57 of the German State Railway (DR). Wheel arrangement: E h2 with 3-axled trailing tender. Operation condition: early1970s. Service: heavy duty shunting service and goods trains for short distances. Model: Finely detailed with epoch IV inscriptions. With newly constructed drive mechanism, new buffer beam with coupling possibility and oscillatingly suspended tender axles in order to improve running smoothness and current draw. Double headlight. Overall length: 217 mm.



#### **BR 44 steam locomotive, DR**

Prototype: BR 44 steam locomotive of the German State Railway (DR). Wheel arrangement: 1'E h3. Operation condition: 1970s. Service: Heavy goods trains. Model: Finely detailed appearance with little Witte smoke deflectors. Three headlight. Overall length: 260 mm.



## BR 44 steam locomotive, DR/62329 with sound SPECIAL

The prototype is a goods train steam locomotive type 44 with tender und small smoke deflectors of the German State Railway (DR). Wheel arrangement 1'E h3. In operation condition of the 1970s. Service: heavy goods trains. Finely detailed appearance of the locomotive type 44 1281-3 of the BW Halle-G with ÜK ("reduced to the most important parts") driver's cab. With triple headlight. Overall length: 260 mm.



62213





**RRP** € 264.00

62232





RRP € 209.00

62326





**RRP** € 289.00

62328

**4** 62329





RRP € 294.00 RRP € 419.00

DR



RRP € 289.00 RRP € 334.00

63264







RRP € 304.00

63265 • 69265









RRP € 429.00 RRP € 430.00

63862







RRP € 94.00

### Steam locomotive, class 01 of the DR

Prototype: Steam locomotive, class 01 of the Deutsche Reichsbahn (DR).

Operating condition: 1970's. Service: Express passenger trains

Model: Finely detailed, re-worked model with large Wagner smoke deflectors and metal wheel sets. LED lighting, triple headlights.

Overall length: 275 mm.



### **BR 01.5 steam locomotive, DR**

Prototype: Steam locomotive type BR 01.5 with coal firing of the German State Railway (DR). Wheel arrangement: 2'C1'h2.

Operation condition: 1970s. Service: Express trains. Model: Finely detailed model with oil tender, not circuit skirted. With long Dom-fairing and metal wheel-sets with spokes. Running number: 01 1516. Comes with three headlight. Overall length: 281 mm.



#### **BR 01.5 steam locomotive, DR**

Prototype: Steam locomotive type BR 01.5 with coal firing of the German State Railway (DR). Wheel arrangement: 2'C1'h2. Operation condition: 1970s. Service: Express trains. Model: Finely detailed model with oil tender, not circuit skirted. With long Dom-fairing and metal wheel-sets with spokes. Running number: 01 1516. Comes with three headlight. Comes with three headlight and with integrated sound that relates to the original. Overall length: 281 mm.



## BR 333 Diesel locomotive, DB SPECIAL

The prototype is a 2-axled Diesel locomotive of the German Railways (DB). In operation condition of 1965. Service: mainly shunting services with passenger and goods wagons and for short transfers during the operation of railway sidings. Finely detailed appearance in classic red livery, with triple headlight and 2 red tail lights. Overall length: 90 mm.



### Diesel locomotive, class V 200.1 of the DB

Prototype: Diesel locomotive, class V 200.1 of the German Railways (DB). Wheel arrangement: Bo'Bo'.

Operating condition: 1960's. Service: Heavy passenger and goods trains.

Model: Finely detailed new construction with triple headlights and 2 red tail lights. Overall length: 213 mm.



### Diesel locomotive, class V 200.1 of the DB

Prototype: Diesel locomotive, class V 200.1 of the German Railways (DB). Wheel arrangement: Bo'Bo'.

Operating condition: 1960's. Service: Heavy passenger and goods trains.

Model: Finely detailed new construction with triple headlights and 2 red tail lights. Overall length: 213 mm. With authentic sound. Ex works.



## Diesel locomotive, class V 36 of the DB

Prototype: Diesel hydraulic, mixed traffic locomotive, class V 36 (ex WR 360 C 14 of the German army) of the Deutsche Bundesbahn (DB). Wheel arrangement: C. Operating condition: around 1960. Service: Shunting as well as light passenger and goods trains. Model: Detailed appearance, with triple headlight. Overall length: 106 mm.



## Diesel locomotive, class V 36 of the DR

Prototype: Diesel hydraulic, mixed traffic locomotive, class V 36 (ex WR 360 C 14 of the German Army) of the Deutsche Reichsbahn (DR). Wheel arrangement: C. Operating condition: around 1960. Service: Shunting as well as light passenger and goods trains.

Model: Detailed appearance, in green DR livery, with double headlight. Overall length: 106 mm.



62844





RRP € 159.00

62845









RRP € 289.00

62803







RRP € 134.00 RRP € 179.00

62806

DR





RRP € 134.00

DR





RRP € 109.00

62943







RRP € 169.00

62960 № 68960







RRP € 139.00 RRP € 179.00

> 62800 68800





RRP € 144.00 RRP € 184.00

### **BR V 100 Diesel locomotive, DR**

 $Prototype: Diesel\ locomotive\ type\ V100\ of\ the\ German\ State\ Railway\ (DR).\ Wheel\ arrangement:\ Bo'Bo'.\ Operation\ condition:\ 1960s.$ 

Service: Passenger and goods trains on main and branch lines, also used for shunting service.

Model: Finely detailed appearance. Comes in typical DR livery. With three headlight and two red tail lights. With LED lighting. Overall length: 164 mm.



## BR V 100 Diesel locomotive, DR with digital operating couplings

Prototype: Diesel locomotive type V100 of the German State Railway (DR). Wheel arrangement: Bo'Bo'. Operation condition: 1960s.

Service: Passenger and goods trains on main and branch lines, also used for shunting service.

Model: Finely detailed appearance. Comes in typical DR livery. With three headlight and two red tail lights. With LED lighting. Digital couplers on both ends that allow remotely controlled coupling and uncoupling of the trains. Overall length: 164 mm.



#### **BR 211 Diesel locomotive, DB**

Prototype: Multi-purpose hydraulic Diesel locomotive type 211 of the German Railways (DB). In original livery.

Operation condition: 1970s. Service: Passenger and goods trains.

Model: Finely detailed appearance. With three headlight and two red tail lights. Overall length: 120 mm.



### **BR 236 electric Diesel locomotive, DB**

Prototype: Electric Diesel locomotive type 236 of the Deutsche Bahn (DB). Wheel arrangement: C. Operation condition: 1970s. Service: For shunting services. Also for passenger and goods transportation.

Model: Finally detailed appearance. Comes in red-black livery and three headlight. Overall length: 106 mm.



### **BR 365 Diesel locomotive, DB**

Prototype: Diesel locomotive type 365 of the German Railways (DB). Operation condition: 1980s.

Service: For shunting services and light goods trains.

Model: Finely detailed appearance in ocean blue - beige livery. With three headlight and two red tail lights. Overall length: 120 mm.



## BR 365 Diesel locomotive, DB with digital operating couplings

Prototype: Diesel locomotive type 365 of the German Railways (DB). Operation condition: 1980s.

Service: For shunting services and light goods trains.

Model: Finely detailed appearance in ocean blue – beige livery. With three headlight and two red tail lights. With digital couplers on both ends that allow remotely controlled coupling and uncoupling of trains. Overall length: 120 mm.



### Diesel locomotive, class 114 of the DR

Prototype: Diesel locomotive, class 114 of the Deutsche Reichsbahn (DR). Wheel arrangement: Bo'Bo'. More powerful verion of the class 110. Operating condition: 1980's. Service: Passenger and goods trains on both branch and main ines.



### Diesel locomotive, class 110 of the DR

Prototype: Diesel locomotive, class 110 Deutsche Reichsbahnahn (DR). Wheel arrangement: Bo'Bo'.

Operating condition: 1980's. Service: Passenger and goods trains on branch and main lines and shunting.

Model: Finely detailed appearance in typical DR livery, with triple headlights and 2 red tail lights. Overall length: 164 mm.



62970







RRP € 124.00

62971











RRP € 189.00

62810 68810

DR





RRP € 94.00 RRP € 134.00

62815

DR





RRP € 94.00

62849 **№** 68849

**PRIVAT** 





RRP € 169.00 RRP € 209.00

62789

**PRIVAT** 





RRP € 189.00

63130





**RRP** € 299.00

63131 **∼** 69131









RRP € 424.00 RRP € 424.00

### **BR 221 Diesel locomotive, EGP**

SPECIAL

Prototype: Diesel locomotive type 221 of the Potsdam Railway Company (EGP). Wheel arrangement Bo'Bo'. Current operation condition. Service: goods and construction trains Germany-wide. Finely detailed appearance in blue livery and lettering true to the original. With triple headlight and 2 red tail lights. Overall length: 213 mm.



### V200 Diesel locomotive, PEG SPECIAL

Prototype: Diesel locomotive type series V 200 ("Taigatrommel") of the Prignitz' Railway Company (PEG). Wheel arrangement Co'Co'. Operation condition of the late 1990s. Service: goods trains Germany-wide. Finely detailed and printed appearance in livery true to the original. Overall length: 202 mm.



## Diesel multi-unit rail coach type VT 12.5, DB

Prototype: 2nd/3rd class three part Diesel multi-unit rail coach type VT 12.5 of the German Railways (DB). Operation condition: 1950s. Service: For the local traffic and for express trains. Model: Complete new construction. Finely detailed model of the "Eierkopf" in classic livery. With wing wheel, two headlight and 2 red tail lights. Equipped for interior lighting. Overall length: 927 mm.



#### VT 12.5 - "Egg Head" in fast city traffic

In the beginning of the 1950s after the reconstruction of the biggest damages resulting from the war, the still young Deutsche Bundesbahn (DB) dared to connect with the tradition of the fast traffic from the 1930s. For the unelectrified Northern part of Germany the decision fell on multi unit railcars: the series VT 08 for the long distance, and the VT 12.5 for the fast city traffic. Both Diesel hydraulic multi-unit railcar series had the typical "egg head" form which got an elegant touch with the black and red livery scheme and the white decorative strips. The VT 12.5



### Diesel locomotive MY (NOHAB), STRABAG

Prototype: Multi-purpose electric Diesel locomotive type My of the company STRABAG. Wheel arragement: Co'Co'.

Current operation condition. Service: Goods trains.

Model: Finely detailed appearance. With three headlight and two red tail lights. Overall length: 218 mm.



### **BR 221 Diesel locomotive of the Bocholter Railways**

Prototype: Diesel locomotive type 221 135 of the Bocholter Eisenbah. Wheel arrangement: Bo'Bo'. Current operation. Service: Goods trains. Model: Finely detailed appearance. In orange livery. With three headlight and 2 red tail lights. Overall length: 213 mm.



## Diesel locomotive "Eurorunner" type series BR ER20, MRCE

Prototype: Electric Diesel locomotive "Eurorunner" type series ER 20 (ER 20 from Siemens) of the MRCE. Wheel arrangement: Bo'Bo'. Current operation condition. Service: Mainly for goods trains.

Model: Private locomotive with three headlight and two red tail lights. Overall length: 221 mm.



differed from the VT 08 by additional centered doors and a modified heating system. The three part unit which consisted either of two railcars with center coach or of one railcar, one center coach and one control cab, reached a length of 77,810 mm and the 12 cylinder Diesel motor accelerated the train up to a maximum speed of 140 km/h. Many years the series VT 12.5 was stationed in Hamburg Altona from which destinations in all directions, even as far as Kobenhavn were reached. 1968 the BR 612 was renamed to comply with the computer registration and until 1985 the meanwhile classic trains were indispensable in the day to day operation of the Deutsche Bundesbahn (DB).



Prototyp

62857 **№** 68857

**PRIVAT** 





RRP € 189.00 RRP € 229.00

> 62848 **∼** 68848

> > **PRIVAT**





RRP € 164.00 RRP € 204.00

62839 **№** 68839

PRIVAT





RRP € 139.00 RRP € 179.00



63180 •• 69180







RRP € 169.00 RRP € 209.00

> 63181 •• 69181

> > **PRIVAT**





RRP € 169.00 RRP € 209.00

> 63182 •• 69182

> > **PRIVAT**





RRP € 169.00 RRP € 209.00

> 63045 •• 69045







RRP € 207.00 RRP € 249.00

## BR 650 Diesel railcar "Regio-Shuttle", DB AG

Prototype: BR 650 Diesel railcar (Regio Shuttle) of the Deutsche Bahn AG (DB AG). Wheel arrangement: B'B'. Operation condition: Up-to-date. Service: For the local traffic. Model: Complete new construction. Finely detailed appearance with precisely worked strut windows and interior. Triple headlight and 2 red tail lights. LED lighting. Overall length: 303 mm.



## Diesel railcar "Regio-Shuttle", HzL.

Prototype: Diesel railcar, (Regio Shuttle) of the Hohenzollerische Landesbahn AG. Wheel arrangement: B'B'. Current operating condition. Service: local traffic. Model: Complete new construction. Finely detailed appearance with exact reproduction of the window bracing and the railcar interior. Triple headlight and 2 red tail lights. Overall length: 303 mm.



## Diesel railcar "Regio-Shuttle," of the Oberpfalzbahn

Prototype: Diesel railcar, "Regio Shuttle" RS1 of the Oberpfalzbahn (Regentalbahn AG - Die Lánderbahn). Wheel arrangement: Bo'Bo'. Current operating condition. Service: local traffic. Model: Complete new construction. Finely detailed appearance with centre buffer couplers with exact reproduction of the window bracing and the railcar interior. With triple headlight and 2 red tail lights. Also with LED lighting. Overall length: 303 mm.



#### Electric multiple unit, class ET 420 of the DB

Prototype: Electric multiple unit (3 part) S-Bahn class ET 420 of the Deutsche Bundesbahn (DB). Operating condition: around 1980. Service: S-Bahn metropolitan traffic in the greater Munich area. Model: Re-release of the blue "Munich S-Bahn with 2 pantographs and altered running number. Triple headlights and 2 red tail lights. Overall length: 772 mm.



## ET 91 electric railcar, DB SPECIAL

The prototype is the electric railcar type ET 91 of the German Railways (DB), also known as the "Gläserne Zug" ("Glass Train"). Service: tours particularly through scenic landscapes. Finely detailed model of the ET 91 01 in blue-creamy white livery with triple headlight and 2 red tail lights. Overall length: 236 mm.



### BR 491 electric railcar, DB SPECIAL

The prototype is the electric railcar type 491 of the German Railways (DB), formerly the ET 91 and known as the "Gläserne Zug" ("Glass Train"). Service: tours particularly through scenic landscapes. Finely detailed model of the BR 491 in blue-silver livery with triple headlight and 2 red tail lights. Overall length: 236 mm.



### **Electric multiple unit, class ET 420 of the DB AG**

Prototype: Electric multiple unit (3 parts) S-Bahn class ET 420 of the Deutsche Bundesbahn (DB AG). Current operating condition. Service: Museum train of the historic S-Bahn in the greater Munich area. Model: Reproduction of the Museum train 420 001-1, in prototypical, original condition from 1969, with 2 pantographs.

Triple headights and 2 red tail lights. Overall length: 772 mm.



## Electric multiple unit, class BR 423 of the DB AG

Prototype: Electric multiple unit (4 part) class ET 423 of the Deutsche Bahn (DB AG).

Operating condition: around 2005. Service: S-Bahn metropolitan traffic in the greater Munich area.

Model: Re-release in traffic red livery with 2 pantographs and altered running number.

Triple headlghts and 2 red tail lights. Overall length: 775 mm.



63175 **№** 69175





RRP € 174.00 RRP € 214.00

> 63176 ~ 69176







RRP € 174.00 RRP € 214.00

> 63047 **2** 69047







RRP € 207.00 RRP € 249.00

63052







**RRP** € 253.00

83

Locomotives





RRP € 177.00 RRP € 219.00

> 63835 •• 69835





RRP € 182.00 RRP € 224.00

> 62631 •• 68631





RRP € 177.00 RRP € 219.00

> 62632 • 68632





RRP € 189.00 RRP € 229.00

### **BR E 40 electric locomotive, DB**

Prototype: Electric locomotive type E 40 of the German Railways (DB). Wheel arrangement: Bo ´Bo'. Operation condition: 1960s.

Service: Goods trains. Model: Finely detailed appearance of the primary series. Precise reproduction of the red bulbs in the single lamps. With three head light and two red tail lights. Overall length: 190 mm.



### **BR E 17 electric locomotive, DB**

Prototype: Electric locomotive type E 17 of the German Railways (DB). Wheel arrangement: 1'Do'1'. Operation condition: 1960s.

Service: Express trains and stopping trains. Model: Finely detailed appearance. With pantograph type SBS 9 in green livery. Three headlight and two red lights. Overall length: 183 mm.



#### **BR 118 electric locomotive, DB**

Prototype: Electric express locomotive type BR 118 of the Deutsche Bahn (DB)Wheel arrangement: 1'Do'1'. Appearance corresponds exactly to the rebuilt version with "Tütenlampen". Operation condition: 1970s. Service: Express trains and stopping trains.

Model: Finely detailed appearance with specific little headlights named "Tütenlampen". In blue livery. With three headlight and two red tail lights. Overall length: 195 mm.



# BR 118 electric locomotive, DB SPECIAL

The prototype is an electric express train locomotive type 118 of the German Railways (DB) and in operation condition of the 1980s after modification of the lamps. Wheel arrangement 1'Do'1'. Service: express and stopping trains. Model of the 118 013-2 of the Bw Würzburg with small reflectors and in ocean blue-beige livery. With triple headlight and 2 red taillights. Overall length: 195 mm.



## BR 140 electric locomotive, DB SPECIAL

The prototype is an electric locomotive type 140 of the German Railways (DB) in operation condition of the 1980s. Service: primarily goods trains and rarely passenger trains. The model comes with a completely reconstructed engine's box with double lamps, without rain drain, with hand rail positioned under the front windows and Schweiger ventilators. Chrome green livery. With triple headlight and 2 red tail lights. Overall length: 190 mm.



BR 141 electric locomotive, DB SPECIAL

Prototype: electric passenger train locomotive type 141 of the German Railways (DB). Wheel arrangement Bo'Bo'. Comes with single lamps, rain drain and Schweiger ventilators in operation condition of the 1980s. Service: stopping and passenger trains as well as push pull trains from "Silberlingen". Model in green livery, with triple headlight and 2 red tail lights. Overall length: 180 mm.



62346 • 68346







RRP € 189.00 RRP € 229.00

> 62627 **○** 68627







RRP € 169.00 RRP € 209.00



62345 **№** 68345





RRP € 189.00 RRP € 229.00

> 62350 ~ 68350







RRP € 399.00 RRP € 399.00

> 62347 **2** 68347





RRP € 189.00 RRP € 229.00

62526





**RRP** € 131.00

### BR 110.1 electric locomotive, DB

Prototype: Electric locomotive type 101 of the Deutsche Bahn (DB), Wheel arrangement: Bo'Bo', Operation condition: 1980s, Service: Express trains and stopping trains. Model: Finely detailed and complete new construction of the locomotive body, with single lamp, without rain drain, but with Schweiger ventilators. With three headlight and two red tail lights. Precise reconstruction of the red single lamps bulbs. Overall length: 190 mm.



## BR 110.1. electric locomotive, DB

WELTNEUHEIT! NOVEDAD MUNDIAL! NOVITÀ MO
A WORLD FIRST! NOUVEAUTE MO

Prototype: Electric locomotive type 110.1 of the German Railways (DB), in blue livery. Wheel arrangement: Bo'Bo'. Operation condition: 1980s. Service: Express trains and stopping trains. Model: Finely detailed and complete new construction of locomotive body, with single lamps, without rain drain but with Schweiger ventilators. With three headlight and two red tail lights. Precise reconstruction of the red single lamps bulbs. With digitally controlled lift and lower pantographs Overall length: 190 mm.





## BR 110.1 electric locomotive, DB SPECIAL

Prototype: electric locomotive type 110.1 of the German Railways (DB) in operation condition of the 1980s. Service: primarily express and passenger trains. The model comes with a completely reconstructed engine's box with single lamps, without rain drain, with a vertical hand rail positioned below the front windows and Klatte ventilators. Ocean blue-beige livery. With triple headlight and 2 red tail lights. Overall length 190 mm.



#### **BR 151 electric locomotive, DB**

Prototype: Electric express locomotive type BR 151 of the Deutsche Bahn (DB) Wheel arrangement: Co'Co'. In ocean blue-beige livery. Operation condition: 1980s. Service: For heavy goods trains. Model: Finely detailed appearance with three headlight and two red tail lights. Overall length: 224 mm.



### Electric locomotive, class 250 of the DR

Prototype: Electric locomotive type BR 250 of the Deutsche Reichsbahn (DR), Wheel arrangement: Co'Co', Operation condition: 1980s, Service: Mainly goods trains. Model: Finely detailed appearance of the pilot series in classic DR livery. With three headlight and two red tail lights. Overall length: 225 mm.



### **BR 244 electric locomotive. DR**

Prototype: Electric locomotive type 244 of the German State Railway (DR). Wheel arrangement: Bo'Bo'. Operation condition: 1970s. Service: Passenger and goods trains. Model: Finely detailed appearance. Comes in red-green livery with three headlightand two red tail lights. Overall length: 176 mm.



#### **BR 140 electric locomotive, DB**

Prototype: Electric locomotive type 140 of the Deutsche Bahn (DB). Wheel arrangement: Cargo. Operation condition: 2000s. Service: Mainly goods trains.

Model: Complete new construction with finely detailed locomotive body, with double lamp, without rain drain, but with Klatte ventilators. Wear buffer board with square buffers. Comes in traffic red livery. With three headlight and two red tail lights. Overall length: 190 mm.





## BR 151 electric locomotive, DB AG SPECIAL

Prototype: electric goods train locomotive type 151 of the Deutsche Bahn AG (DB AG). Wheel arrangement Co'Co'. Comes in Orient red livery with a white contrast area at the front and new DB AG logos. In operation condition from ca. 1995 on. Service: heavy goods trains. Finely detailed model of the 151 020 of the Bw Hagen-Eckesey with wear buffer beam, angular puffers and DBS 54 scissor pantographs. With triple headlight and 2 red tail lights. Overall length: 224 mm.



62622

**№** 68622





RRP € 192.00 RRP € 234.00

> 63839 **№** 69839





RRP € 179.00 RRP € 224.00

> 62348 **№** 68348







62527







**RRP** € 124.00 63853 •• 69853







62621





RRP € 182.00

62623 68623





RRP € 189.00 RRP € 229.00

> 62624 68624





RRP € 189.00 RRP € 229.00

## BR 111 electric locomotive, DB SPECIAL

Prototype: electric locomotive series 111 of the Deutsche Bahn AG (DB AG). Wheel arrangement: Bo'Bo'. Operation condition: late 1980s. Service: metropolitan trains with coaches of the X-series. Model: appearance true to the original in pebble grey / orange livery. Triple headlight and 2 red tail lights. Overall length: 190 mm. Appropriate locomotive for wagons item no 64270 to 64273.



## Electric locomotive, class 155 of the DB AG

Prototype: Electric goods train locomotive, class 155 of the Deutschen Bahn AG (DB AG), Operated by Railion. Wheel arrangement: Co'Co'. Current operating condition. Service: Goods trains. Model: Complete new construction. Highy detailed appearance in current traffic red livery and fitted with single-arm pantographs. Triple headlights and 2 red tail lghts. Overall length: 225 mm. Modified running number.



## BR 155 electric locomotive, DB AG SPECIAL

Prototype: electric goods train locomotive type 155 of the Deutsche Bahn AG (DB AG), division "Cargo". Wheel arrangement Co'Co'. In operation condition of the late 1990s. Service: goods trains. Finely detailed model of the 155 260-3 in traffic red livery with scissor pantographs. With triple headlight and 2 red tail lights. LED lighting. Overall length: 225 mm.



## BR 155 electric locomotive, DB AG SPECIAL

Prototype: electric goods train locomotive type 155 of the Deutsche Bahn AG (DB AG), wheel arrangement Co'Co'. Operation condition of the late 1990s. Service: goods trains. Finely detailed model of the 155 231-4 of the BW Seddin in original bordeaux red livery with scissor pantographs. With triple headlight and 2 red tail lights. LED lighting. Overall length: 225 mm.



## **Electric locomotive, class 152 of the DB AG**

Prototype: Electric locomotive, class 152 of the Deutsche Bahn AG (DB AG), Operation; by Railion, Wheel arrangement; Bo'Bo', Curent operating condition. Service: Goods wagons. Model: Complete new construction. Finely detailed appearance in Railion DB Logistics livery. Triple headlights and 2 red tail lights. LED ligthing. Overall length: 225 mm



### **Electric locomotive, class 152 Siemens Dispolok**

Prototype: Electric locomotive, class 152 of the former "Siemens Dispolok" rental pool. Wheel arrangement: Bo'Bo'. Operating condition: 2005. Service: Goods trains. Model: Complete new construction. Finely detailed appearance in yellow /grey "Siemens Dispolok" livery. Triple headlights and 2 red tail lights. Overall length: 225 mm.



#### **BR 152 electric locomotive, DB AG**

Prototype: Electric locomotive type BR152 of the Deutsche Bahn AG (DB AG) - CARGO. Wheel arrangement: Bo'Bo'. Operation condition: 2001s. Service: Mainly goods trains. Model: Finely detailed appearance with DB Cargo logo. With three headlight and two red tail lights. With LED lighting. Overall length: 225 mm.



#### **BR 182 electric locomotive, DB AG**

Prototype: Multi purpose electric locomotive construction type 182 of the Deutsche Bahn AG (DB AG) with "Railion by DB Logistics" inscriptions. Wheel arrangement: Bo' Bo'. Operation condition: 2008. Service: Goods trains. Model: Finely detailed appearance in traffic red livery. With three headlight and 2 red tail lights. Overall length: 221 mm



62700 **№** 68700







RRP € 194.00 RRP € 239.00

> 62701 ~ 68701

> > **PRIVAT**





RRP € 194.00 RRP € 239.00

> 62702 **2** 68702







RRP € 202.00 RRP € 244.00

62362









RRP € 199.00 RRP € 239.00

62550 ~ 68550







RRP € 419.00 RRP € 419.00

> 62353 **∼** 68353





RRP € 194.00 RRP € 234.00

> 62339 **№** 68339





RRP € 209.00 RRP € 249.00

63172





**RRP** € 164.00

### BR 110.3 electric locomotive, DB

SPECIAL

Prototype: electric locomotive type 110.3 in traffic red livery of the Deutsche Bahn AG (DB AG). Wheel arrangement Bo'Bo'. Current operation condition. Service: express and stopping trains as well as push pull trains in local traffic. Model: Finely detailed appearance with Klatte ventilators. With triple headlight and 2 red tail lights. When digitally controlled, pantographs can be lifted and lowered separately. Overall length: 190 mm.



## BR 110.1 electric locomotive, DB SPECIAL

Prototype: electric locomotive type 110.1 in Orient red livery with a white bib of the Deutsche Bahn AG (DB AG). Wheel arrangement Bo'Bo'. In operation condition of the mid 1990s. Service: goods trains of all kinds. Model: Finely detailed appearance in original livery. With triple headlight and 2 red tail lights. Precise reconstruction of the red single lamps bulbs. Overall length: 190 mm.



## BR 101 electric locomotive, DB AG SPECIAL

Prototype: electric locomotive type 101 of the Deutsche Bahn AG (DB AG). Wheel arrangement Bo'Bo'. Operation condition: around 2005. Service: mainly high-quality passenger traffic with Intercity and Eurocity (IC, EC). Finely reworked model with detached grab bar, kinematics for close coupling, LED lighting and Epoch V inscriptions. 22 pole PluX interface. With triple headlight and 2 red tail lights, Overall length: 218 mm.



### Dual-system tram/train, class 450 of the DB AG

Prototype: 8 axled, dual system tram / train, class 450 of the Deutsche Bahn AG (DB AG). As used in the greater Karlsruhe-Heilbronn area. Operating condition: around 2005. Service: In local and city traffic.

Model: Finely detailed appearance with under-floor motor and stunning interior. Triple headlights. Overall length: 348 mm.



## BR 183 electric locomotive, ARRIVA SPECIAL

Prototype: multi-system electric all-purpose locomotive type 183 of the company ARRIVA. Wheel arrangement Bo'Bo' in current operation condition. Service: ALEX passenger trains. Finely detailed model of the 183 005 with 2 pantographs, triple headlight and 2 red tail lights. LED lighting. Overall length: 225 mm.



### **BR 183.5 electric locomotive, MGW**

Prototype: Multi purpose electric locomotive type 183.5 of the MGW. Wheel arrangement: Bo'Bo'. Current operation condition. In current blue livery. Service: For international and regional goods trains.

Model: Finely detailed appearance with four pantographs. With three headlight and 2 tail lights. Overall length: 225 mm.



#### BR 139 electric locomotive, LOCOMOTION

SPECIAL

Prototype: electric locomotive type 139 of the private railway company LOCOMOTION. Wheel arrangement Bo'Bo'. In current operation condition. Service: mainly goods trains in Germany and Austria. Finely detailed model in special LOCOMOTION livery with single lamps, without rain drain and with Schweiger ventilators. With triple headlight and 2 red tail lights. Precise reconstruction of the red single lamps bulbs. Overall length: 190 mm.



### **BR 185.5 Electric locomotive, Lokomotion**

Prototype: Electric locomotive type 185.5 Lokomotion. Wheel arrangement: Bo´Bo´. Current operation condition.

Service: Transport of goods.

Model: Modern type series with crash optimized locomotive body. With three headlight and 2 red tail lights. Overall length: 217 mm.



62358

**№** 68358

**PRIVAT** 





RRP € 204.00 RRP € 244.00

> 62497 **∼** 68497

> > **PRIVAT**





RRP € 204.00 RRP € 249.00

> 62349 **№** 68349

> > **PRIVAT**





RRP € 194.00 RRP € 234.00

> 62390 **∼** 68390

> > **PRIVAT**





RRP € 204.00 RRP € 244.00

62705 **№** 68705

**PRIVAT** 





RRP € 204.00 RRP € 244.00

> 62707 **∼** 68707

> > **PRIVAT**





RRP € 204.00 RRP € 244.00

> 62604 **№** 68604

> > **PRIVAT**





RRP € 239.00 RRP € 279.00

> 62547 **∼** 68547

> > **PRIVAT**





RRP € 209.00 RRP € 249.00

### BR 185.5 electric locomotive, LOCOMOTION

SPECIAL

Prototype: electric locomotive type 185.5 of the LOCOMOTION. Wheel arrangement Bo'Bo'. In current operation condition. Service: mainly goods trains. Model of the 185 666-5 of the second series with crash optimised engine's box in characteristic white/red LOCOMOTION livery. With triple headlight and 2 red tail lights. Overall length: 217 mm.



## BR 185.5 electric locomotive "Kombiverkehr", LOCOMOTION SPECIAL

Prototype: electric locomotive type 185.5 in "Kombiverkehr" ("Combined transportation") design of the LOCOMOTION. Wheel arrangement Bo'Bo'. In current operation condition. Service: mainly goods trains. Model of the 185 664-0 of the second series with crash optimised engine's box in authentic livery. With triple headlight and 2 red tail lights. LED lighting. Overall length: 217 mm.



## BR 183 Electric locomotive of the ARRIVA SPECIAL

The prototype is an electric universal locomotive type 183 of the ARRIVA belonging to the "Taurus" locomotive family of Siemens. Current operation condition. In special livery for the anniversary of "175 years German Railway History". Service: passenger trains of the "alex". Finely detailed and intricately printed model of the 183 001-7 in special design with 2 pantographs, triple headlight and 2 red tail lights. LED lighting. Overall length: 225 mm.



### BR 115 electric locomotive of the DB

SPECIAL

The prototype is an electric locomotive type 115 of the DBAutoZug GmbH, a subsidiary of the Deutsche Bahn AG (DB AG). Current operation condition. In special livery for the anniversary of "80 years Motorail Train". Service: motorail and night trains across Germany and to Austria. Complete, finely detailed and intricately printed model of the 115 350-1 in special livery. With triple headlight and 2 red tail lights. Overall length: 190 mm.



## Rh 3071 steam railcar, ÖBB

SPECIAL

The prototype is a steam railcar series 3071 of the Austrian Railways (ÖBB) in operation condition of the 60s. Service: mainly passenger and goods trains on branch lines, which led to the nickname "Dorftrottel" ("Village idiot") for the series. Model: Finely detailed appearance in original green livery with double headlight. Overall length: 129 mm.



## Rh 50 steam locomotive, ÖBB

Prototype: Rh 50 steam locomotive of the Austrian Railways (ÖBB). Wheel arrangement: 1'E h2. Operation condition: 1960s. Service: Goods and passenger trains. Model: Finely detailed appearance with big Wagner-smoke deflector. Triple headlight. Overall length: 264 mm.



## Rh 52 steam locomotive, ÖBB

Prototype: Rh52 steam locomotive without smoke deflectors, round smoke stack and cab tender of the Austrian Railways (ÖBB). Operation condition: End of 1960s. Service: Mainly goods trains and passenger trains. Model: Finely detailed appearance that corresponds to the original (epoch wise and railway wise). With three headlight and LED lighting. Overall length: 265 mm.



### Rh 52 steam locomotive, ÖBB

Prototype: Rh 52 steam locomotive of the Austrian Railways (DB). Without smoke deflectors, with round smoke stack and cab tender. Operation condition: 1960s. Service: Mainly for goods trains and passenger trains. Model: Finely detailed appearance that corresponds to the original (epoch wise and railway wise), With three headlight and LED lighting. With original sound. Ex works. Overall length: 265 mm.



63305

**№** 69305







RRP € 229.00 RRP € 269.00

62262

**№** 68262







RRP € 279.00 RRP € 319.00

62280







**RRP** € 299.00

62281

**∼** 68281











RRP € 424.00 RRP € 424.00







**RRP** € 189.00

**№** 68888









**RRP** € 314.00

62828







**RRP** € 134.00

62820 **№** 68820

**PRIVAT** 





RRP € 134.00 RRP € 174.00

## Rh 2043 Diesel locomotive, ÖBB

Prototype: Diesel locomotive type 2043 of the Austrian Railways (ÖBB). Wheel arrangement: Bo'Bo'. Operation condition: 1970s. Service: Passenger trains and goods trains. Model: Finely detailed appearance. Comes in fir green livery. With grey long carriers and wing wheel. New running number. Three headlight and 2 red tail lights. Overall length: 182 mm.



## Rh 2043 Diesel locomotive, ÖBB, with Sound

Prototype: Diesel locomotive type 2043 of the Austrian Railways (ÖBB). Wheel arrangement: Bo'Bo'. Operation condition: 1970s. Service: Passenger trains and goods trains. Model: Finely detailed appearance. Comes in fir green livery. With grey long carriers and wing wheel. New running number. Three headlight and 2 red tail lights. With integrated sound. Ex works. Overall length: 182 mm.



## Electric Diesel locomotive, class 2016, ÖBB

Prototype: Electric Diesel locomotive, class 2016 of the Austrian Federal Railways (ÖBB). Wheel arrangement: Bo'Bo'.

Current operating condition. Service: Goods trains and passenger trains.

Model: Finely detailed appearance, in traffic red livery and ÖBB sign. Triple headlights and 2 red tail lights. Overall length: 221 mm.



## Rh 2048 Diesel locomotive, STLB SPECIAL

Prototype: Diesel locomotive type 2048 of the Styrian State Railways (STLB). Wheel arrangement Bo'Bo'. In current operation condition. Service: mainly goods trains. Model: Finely detailed and printed appearance in livery true to the original. Overall length: 142 mm.



## Rh E 94 electric locomotive, BBÖ

Prototype: Electric locomotive type E 94 102 of the Austrian Federal Railways (BBÖ), Wheel arrrangement: Co'Co', Operation condition: 1950s. Service: Heavy goods trains on mountain routes. Model: Finely detailed appearance in green livery. With original type classification. With two headlight. Overall length: 213 mm.



## Electric locomotive, class 1245.5 of the ÖBB

Electric locomotive class 1245.5 of the ÖBB. Wheel arrangement: Bo'Bo'.

Operating condition of the 1970'. In authentic pine green livery. Triple headlights and red tail light. LED lighting. Overall length: 149 mm.



## Rh 1670 electric locomotive, ÖBB

SPECIAL

Prototype: electric locomotive series 1670 of the Austrian Railways (ÖBB) with wheel arrangement (1A)'Bo(A1)'. Comes in blood orange livery with a white logo in operation condition of the 1980s. Service: passenger and goods trains on mountain railways in western Austria. Version with driver's cab roof as of the latest construction level. Without sun shades above the front windows. Overall length: 165 mm.



### Rh 1042.0 electric locomotive, ÖBB

SPECIAL

Prototype: electric locomotive series 1042.0 of the Austrian Railways (ÖBB). Wheel arrangement Bo'Bo'. Operation condition of the 1980s. Unreserved service for passenger and goods trains. Model of the Rh 1042.37. This locomotive belonged to the first series of 40 delivered locomotives. Main differences to locomotives of later series are the completely different roof equipment with scissor pantographs, the single tail light on the front as well as the two lower lamps which are fitted 10 cm higher in comparison to the later series. Triple headlight and 2 red tail lights. Overall length: 186 mm.



63834 **№** 69834





RRP € 197.00 RRP € 239.00

> 62647 ~ 68647







RRP € 214.00 RRP € 259.00

> 62406 **№** 68406







RRP € 259.00 RRP € 299.00

62587







**RRP** € 214.00







RRP € 339.00 RRP € 339.00

## 62660 •• 68660





RRP € 212.00 RRP € 254.00

#### 62592





RRP € 212.00

### 62593 № 68593







RRP € 339.00 RRP € 339.00

## Rh 1042.0 electric locomotive, ÖBB, with sound

Prototype: electric locomotive series 1042.0 of the Austrian Railways (ÖBB). Wheel arrangement Bo'Bo'. Operation condition of the 1980s. Unreserved service for passenger and goods trains. Model of the Rh 1042.37. This locomotive belonged to the first series of 40 delivered locomotives. Main differences to locomotives of later series are the completely different roof equipment with scissor pantographs, the single tail light on the front as well as the two lower lamps which are fitted 10 cm higher in comparison to the later series. Triple headlight and 2 red tail lights. Ex works with sound that corresponds to the sound of the original. Overall length: 186 mm.

SPECIAL



## Rh 1010 electric locomotive, ÖBB

Prototype: Electric locomotive series type 1010 of the Austrian Railways (ÖBB). Wheel arrangement: Co'Co'. Operation condition: 1970s. Servie: Passenger trains and goods trains. Model: Finely detailed appearance. In fir-tree green livery. With light green decoration strips. With wings wheels and new running number. Also with three headlight and red tail lights. Overall length: 205 mm.



## Rh 1042.0 electric locomotive, ÖBB

Prototype: Electric locomotive type 1042.0 of the Austrian Railways (ÖBB). Wheel arrangement: Bo'Bo'. Operation condition: 1980s. Service: Passenger trains and goods trains. Model: Comes in blood orange livery and with wing wheel. With single arm pantograph and corner windows. With GSM-R antenna. Running number: 1042.37. With three headlight and three red tail light (the upper red tail light corresponds to the original locomotive but is not operable). Overall length: 186 mm.



## Rh 1042.0 electric locomotive, ÖBB

Prototype: Electric locomotive type 1042.0 of the Austrian Railways (ÖBB). Wheel arrangement: Bo'Bo'. Operation condition: 1980s.

Service: Passenger trains and goods trains. Model: Comes in blood orange livery and with wing wheel. With single arm pantograph and corner windows. With GSM-R antenna. Running number: 1042.24. With three headlight and three red tail light (the upper red tail light corresponds to the original locomotive but is not operable). Ex works. Sound version. Overall length: 186 mm.



## Rh 1141 electric locomotive, ÖBB SPECIAL

Prototype: electric locomotive series 1141 of the Austrian Railways (ÖBB) with wheel arrangement Bo'Bo'. Comes in blood orange livery with a white logo in operation condition of the 1980s. Service: passenger and goods trains. Finely detailed and printed appearance with red-white alternating lights. Overall length: 176 mm.



# Rh 1245.5 electric locomotive, ÖBB SPECIAL

Prototype: electric locomotive series 1245.5 of the Austrian Railways (ÖBB). Wheel arrangement Bo'Bo'. Operation condition: around 1979. Service: passenger and goods trains. Model of the 1245.510 in blood orange livery with silver roof and ÖBB S-logo, but without computer number. Triple headlight and red tail light. Overall length: 149 mm.



## Rh 1245.5 electric locomotive, ÖBB, with sound

SPECIAL

Prototype: electric locomotive series 1245.5 of the Austrian Railways (ÖBB). Wheel arrangement Bo'Bo'. Operation condition: around 1979. Service: passenger and goods trains. Model of the 1245.510 in blood orange livery with silver roof and ÖBB S-logo, but without computer number. Ex works with sound that corresponds to the sound of the original. Triple headlight and red tail light. Overall length: 149 mm.



## Rh 1020 electric locomotive, ÖBB SPECIAL

Prototype: electric locomotive series 1020 of the Austrian Railways (ÖBB). Wheel arrangement Co'Co'. Operation condition of the 1980s. Service: heavy goods trains on mountain railways. Finely detailed appearance in Valousek livery. With triple headlight and 2 red tail lights. Overall length: 213 mm.



63837 **№** 69837







RRP € 179.00 RRP € 219.00

62649







**RRP** € 219.00

62650 **№** 68650











RRP € 344.00

63864 ~ 69864







RRP € 204.00 RRP € 244.00







RRP € 204.00 RRP € 239.00

62486







RRP € 199.00

62364 68364







RRP € 199.00 RRP € 239.00

> 62598 **○** 68598

> > PRIVAT





RRP € 204.00 RRP € 244.00

## Electric locomotive, class 1142 of the ÖBB

Prototype: Electric locomotive, class 1142 of the Austrian Federal Railways (ÖBB), Wheel arrangement: Bo'Bo',

Current operating condition. Service: Goods trains and passenger train, also for "City-Shuttle" push and pull trains.

Model: Finely detailed appearance. In "Valousek" design and livery, with ÖBB sign and big headlamps. Triple headlights and 2 red tail lights. Overall length: 186 mm.



## Electric locomotive, class 1216 of the ÖBB

Prototype: Multi-system universal electric locomotive, class 1216 of the Austrian Federal Railways (ÖBB). Wheel arrangement: Bo'Bo'. In the current traffic red livery of the ÖBB and ÖBB sign. Current operating condition. Service: Express passenger trains and goods trains on National and International routes.

Model: Finely detailed appearance with 4 pantographs, like the series 12 16 008, triple headlights and 2 red tail lights. Overall length: 225 mm.



## Rh 1116 electric locomotive, ÖBB

Prototype: Multi purpose electric locomotive type BR41 of the German Railways (DB). Wheel arrangement: Bo'Bo'. Current operation condition. Model in current traffic red livery of the ÖBB. Service: Express trains and stopping trains in regional and international service. Model: Finely detailed appearance with 2 pantographs. Three headlight and 2 red tail lights. Overall length: 221 mm.



## Rh 1216 electric locomotive, Cargoserv

Prototype: Multi purpose electric locomotive type 1216 of the Cargoserv. Wheel arrangement: BoʻBoʻ. In current Cargoserv livery. Current operation condition. Service: Goods trains. For the regional and international traffic.

Model: Finely detailed appearance with 2 pantographs, three headlight and 2 red tail lights. With LED lighting. Overall length: 225 mm.



## Rh 1216 electric locomotive, Cargoserv

Prototype: Multi purpose electric locomotive type 1216 of the Cargoserv. Wheel arrangement: Bo'Bo'. In current SLB livery.

Current operation condition. Service: Goods trains. For the regional and international traffic.

Model: Finely detailed appearance with 2 pantographs, three headlight and 2 red tail lights. With LED lighting. Overall length: 225 mm.



## Steam locomotive "Elefant" series C 5/6, SBB

Prototype: Steam locomotive type C 5/6 of the Swiss Railways (SBB/CFF/FFS). Wheel arrangement: 1'E.

Operation condition: 1965s. Service: Goods trains.

Model: Finely detailed appearance. With three headlight. Overall length: 221 mm.



### Ee 3/3 electric locomotive, SBB

 $Prototype: Electric \ locomotive \ type \ series \ Ee \ 3/3 \ of the \ Swiss \ Railways \ (SBB/CFF/FFS). \ Wheel \ arrangement: C.$ 

Operation condition: 1960s. For shunting service.

 $Model: Finely\ detailed\ appearance.\ In\ brown\ livery.\ With\ LED\ lighting.\ Swiss\ light\ variation.\ Overall\ length:\ 107\ mm$ 



### Ee 3/3 electric locomotive, SBB

 $Prototype: Electric \ locomotive \ type \ series \ Ee \ 3/3 \ of \ the \ Swiss \ Railways \ (SBB/CFF/FFS). \ Wheel \ arrangement: C.$ 

Operation condition: 1960s. For shunting service.

Model: Finely detailed appearance. In brown livery. With LED lighting. Swiss shunting light variation. Ex works. Equipped with digital couplers on both sides. With remote control of the hitch coupling system. Overall length: 107 mm.



62597 **○** 68597

**PRIVAT** 





RRP € 204.00 RRP € 244.00

> 63322 • 69322







RRP € 253.00 RRP € 293.00

> 62667 • 68667







RRP € 169.00 RRP € 209.00

> 62668 **○** 68668









RRP € 229.00 RRP € 229.00







RRP € 192.00

63898







63897 69897







RRP € 258.00 RRP € 299.00

63126







RRP € 409.00

## Electric locomotive, class Ae 4/6 of the SBB

 $Prototype: Electric \ locomotive, \ class \ Ae \ 4/6 \ of \ the \ Swiss \ Federal \ Railways \ (SBB/CFF/FFS). \ Wheel \ arrangement: \ (1A) \ Bo \ (A1).$ 

Operating condition: around 1950. Service: Express trains on the Gotthard line.

Model: Altered mould, highly detailed appearance of the class Ae 4/6 10802 as the engines first apreared in epoch Illa. Side mounted boxes and vents, four driver's cab doors, inset loco whistle and Signum magnets on the axleboxes. Classic green SBB livery. Swiss light change (3 x white lights to the front, 1 x white to the rear). Overall length: 199 mm.



## Electric baggage loco De 4/4 of the SBB

Prototype: electric baggage loco, type De 4/4 of the Swiss Federal Railways (SBB/CFF/FFS).

Operating condition: 1950's. Service: On the Seetal route between Luzern and Lenzburg.

Model: Reproduction with different running number. Detailed appearance.

With Swiss light changeover (3 x white at the front, 1 x white at the rear). Overall length: 175mm.



## Electric locomotive "Crocodile" type Ce 6/8 II, SBB

Prototype: Electric locomotive "Crocodile" type Ce 6/8 of the Swiss Federal Railways (SBB/CFF/FFS). Wheel arrangement: 1'C-C1'. Operation condition: 1970s. Service: Passenger and goods trains. Model: Reissue model with modified running numbers. Comes in green livery. Typical Swiss light change. Overall length: 234 mm.



## RAm Diesel multiple unit TEE "L' ARBALETE", SBB

Prototype: 4 part, diesel train, type Ram of the Swiss Federal Railways (SBB/CFF/FFS). TEE "L'Arbalete". Operating condition: 1960's. Service: For high speed TEE traffic between Zurich and Paris. Model: Reproduction with different running number. Highly detailed appearance with fine corridor connections and current-conducting couplings. Equipped for installation of interior lighting 40360. With triple headlights and 2 red tail lights. Overall length: 1117mm.



## **Electric locomotive, class 485, BLS**

Prototype: Electric locomotive, class 485 of the Löstschbergbahn AG (BLS). Wheel arrangement: Bo'Bo'.

Current operating condition. Service: Goods trains.

Model: Finely detailed appearance, in bi-lingual lettering "Alpinisten-Alpinisti" and livery. With triple headlights and 2 red rear end lights.

Overall length: 217 m



### **Electric locomotive, class 482, SBB**

Prototype: Electric locomotive, class 482 of the Swiss Federal Railways (SBB/CFF/FFS). Wheel arrangement: Bo'Bo'.

With 4 pantographs for the routes between Germany and Switzerland. Current operating condition. Service: Goods trains.

Model: Finely detailed appearance, in attractive SBB Cargo livery and anti-crash optimized locomotive chassis. With triple headlights and 2 red rear end lights. Overall length: 217 m



#### **Electric locomotive, class 465 of the BLS**

Prototype: Electric locomotive, class Re 465 of the Lötschbergbahn AG (BLS). Wheel arrangement: Bo'Bo'.

Current operating condition. Service: Passenger and goods trains.

Model: Finely reworked reproduction in the current BLS livery. Current Swiss light change (3 x white lights to the front, 1 x white to the rear end). LED Lighting. With radio antenna. Overall length: 212 mm.











RRP € 199.00

62506 **№** 68506







RRP € 202.00 RRP € 244.00

> 62695 ~ 68695







RRP € 194.00 RRP € 234.00 63150 •• 69150









RRP € 399.00 RRP € 439.00

> 63151 •• 69151













RRP € 524.00 RRP € 524.00









### **Electric multiple unit, ICN of the SBB**

Prototype: Tilting multiple unit, (5 part) ICN, series RABDe of the Swiss Federal railways (SBB/CFF/FFS).

Current operating condition. Service: prestige passenger traffic.

Model: Complete, highly detailed new construction in the current livery with exact reproduction of the interior fittings. Triple headlights and 2 red tail lights. Suitable extensions would be models 63152/69152. Overall length: 1540 mm.



## Electric multiple unit, ICN of the SBB.

Prototype: Tilting multiple unit, (5 part) ICN, series RABDe of the Swiss Federal railways (SBB/CFF/FFS).

Current operating condition. Service: prestige passenger traffic.

Model: Complete, highly detailed new construction in the current livery with exact reproduction of the interior fittings. Triple headlights and 2 red tail lights. With factory fitted sound. Suitable extensions would be models 63152/69152. Overall length: 1540 mm.



### Two-coach extension set, ICN of the SBB.

Prototype: 2 coach extension set to the tilting ICN train, type RaBDe of the Swiss federal railways (SBB/CFF/FFS).  $1 \times 1 \text{st}$  class and  $1 \times 2 \text{nd}$  class coach with suitable running numbers. Current operating condition. Service: prestige trains. Model: Completely new, highly detailed construction in the current livery with exact reprduction of the interior fittings. Suitable to extend the train model 63150 / 69150, o similarly 63151 / 69151. Overall length of each coach: 270 mm.



### Electric locomotive, class 420 SWISS-EXPRESS of the SBB

Prototype: Electric locomotive, class Re 420 (ex Re 4/4 II) of the Swiss Federal Railways (SBB/CFF/FFS). Wheel arrangement: Bo'Bo'. Model of the shorter, 1st production series, with single-arm pantograph. Square-cornered headlights and UIC connection sockets. Current operating condition. Service: Passenger trains. Model: Detailed appearance in Swiss-Express livery. Swiss light change. Overall length: 179 mm.



## Electric locomotive, Ae 610 "Schaffhausen" of the SBB

Prototype: Electric locomotive, class Ae 610 (ex Ae 6/6) of the Swiss Federal Railways (SBB). Operated by the SBB Cargo AG. Wheel arrangement: Co'Co'. Curent operating condition. Service: Goods trains. Model: Finely detailed appearance in SBB Cargo livery, bearing the coat of arms of Schaffhausen. Wtih typical Swiss light change (3 x white lights at the front, 1 x white to the rear). Overall length: 212 mm.



## Ae 6/6 electric locomotive, SBB

Prototype: Electric locomotive series Ae 6/6 11424 of the Swiss Federal Railways (SBB). Wheel arrangement: Co'Co'. Operation condition: 2005. Service: Goods trains. Model: Finely detailed appearance in red SBB livery. Locomotive with the emblem of the canton Neuchatel. With typical Swiss light variation (Front: 3 x white / rear end: 1 x white) Overall length: 212 mm.



### Electric locomotive type Ae 8/8, BLS

Prototype: Double electric locomotive type Ae 8/8 of the Lötschbergbahn (BLS). Wheel arrangement: Bo'Bo'+Bo'Bo'. Operation condition 1990s. Service: Passenger and goods trains. Model: Reissue model in classic brown livery. Running number: 271. The two locomotive halves have drive system. Typical Swiss light change. Overall length: 347 mm.



62690







RRP € 214.00

62585







RRP € 189.00

62635 • 68635







RRP € 191.00 RRP € 234.00

> 63887 **○** 69887







RRP € 324.00 RRP € 365.00 63847 •• 69847







RRP € 436.00 RRP € 517.00

62762

RZD





RRP € 189.00

62861

RZD





RRP € 169.00

62900







RRP € 194.00

## Traction type Re 10/10, SBB

Prototype: Traction Re 10/10 of the Swiss Railways (SBB/CFF/FFS). Two parts: Re 6/6 and Re 4/4 II. Operation condition: 2000s. Service: Heavy goods trains on steep mountain routes such as the Gotthard. Model: Authentic double traction in red SBB-livery. Typical Swiss light change. Both locomotives have drive system. Overall length: 401 mm.



M62 Diesel locomotive, SZD)

SPECIA

Diesel locomotive of the Soviet State Railway (SZD)



TE 109 Diesel locomotive, RZD

SPECIAL

Prototype: Diesel locomotive type TE 109 of the Russian State Railway (RZD). Operation condition of the mid 1990s. Service: passenger and goods trains on the standard gauge line running from Poland to the central station of Kaliningrad, the former Königsberg. With triple headlight and 2 red tail lights. Overall length: 239 mm.



## Diesel locomotive, series 68000 of the SNCF

Prototype: Diesel locomotive, Series 68000 of the French State Railways (SNCF). Wheel arrangement: Co'Co'. Operating condition: around 1970. Service: Passenger and goods trains. Model: Highly detailed, reworked model with new body in original blue livery and lining, with triple headlights and 2 red tail lights. Overall length: 207 mm.



## Steam Engine 231E "NORD" of the SNCF

Model of a heavy express loco 231 E of the SNCF in the black livery of Epoch III.



## Steam locomotive 231E "NORD" of the SNCF with Sound

Model of a heavy express loco 231 E of the SNCF in the black livery of Epoch III with sound.



## Steam locomotive series 231 E, SNCF SPECIAL

Prototype: steam locomotive series 231 E in black-green livery of the French State Railway (SNCF) in operation condition of the 1960s. Service: heavy express trains. Highly detailed and finely wrought appearance in black-green colouring true to the original. With LED double headlight. Overall length: 272 mm.



## Steam locomotive series 231 E, SNCF, with sound SPECIAL

Prototype: steam locomotive series 231 E in black-green livery of the French State Railway (SNCF) in operation condition of the 1960s. Service: heavy express trains. Highly detailed and finely wrought appearance in black-green colouring true to the original. With LED double headlight. Ex works with sound that corresponds to the sound of the original. Overall length: 272 mm.



Photo Laforgerie-collection JPG

62302 **№** 68302







RRP € 429.00 RRP € 474.00

62303

**№** 68303











RRP € 559.00 RRP € 559.00

> 62305 **№** 68305







RRP € 449.00 RRP € 489.00

> 62306 **№** 68306









RRP € 574.00 RRP € 574.00







**RRP** € 199.00

62466







RRP € 182.00

62613 **∼** 68613







RRP € 187.00 RRP € 229.00

> 62895 **∼** 68895







RRP € 204.00 RRP € 244.00

### Diesel locomotive series 68500, SNCF

Prototype: Diesel locomotive series 68500 of the French State Railway (SNCF). Wheel arrangement: Co'Co'. Operation condition: 1970s. Service: Passenger trains and goods trains. Model: Finely detailed appearance. Comes with new chassis and in original blue livery. With decoration strips, three headlight and two red tail lights. Overall length: 207 mm.



## **Electric locomotive series BB 300, SNCF**

Prototype: Electric locomotive series BB 300 of the French State Railway (SNCF), construction year: from 1936 and upwards. Operation condition: 1970s. Service: Medium heavy passenger trains and goods trains. Model: Finely detailed appearance with double headlight. With new running numbers. Overall length: 150 mm.



#### **BB 932 electric locomotive, SNCF**

Prototype: Electric locomotive series BB932 of the French State Railway (SNCF). Production year: From 1936 upwards. Operation condition: 1980s. Service: Medium heavy passenger trains and goods trains.



#### SPECIAL Diesel locomotive series 60, SNCB

Prototype: Diesel locomotive series 60 of the Belgian State Railway (SNCB/NMBS). Design of the prototype in operation condition of the 1970s. Service: passenger and goods trains. Highly detailed and finely wrought appearance with delicate yellow decorative strips. With double headlights. LED lighting. Overall length: 199 mm.



### Diesel locomotive series 60, SNCB, with sound

SPECIAL

Prototype: Diesel locomotive series 60 of the Belgian State Railway (SNCB/NMBS). Design of the prototype in operation condition of the 1970s. Service: passenger and goods trains. Highly detailed and finely wrought appearance with delicate yellow decorative strips. With double headlights. Ex works with sound that corresponds to the sound of the original. Overall length: 199,4 mm.



## Diesel locomotive series type 60, SNCB

Prototype: Diesel locomotive series 60 of the Belgian State Railway (SNCB/NMBS). Comes in blue livery.

Operation condition: 1980s. Service: Passenger trains and goods trains.

Model: Finely detailed appearance. With three headlight and 2 red tail lights that relate to the precise scale changes of the original. Overall length: 199,4 mm.



### Diesel locomotive series type 60, SNCB

Prototype: Diesel locomotive series 60 of the Belgian State Railway (SNCB/NMBS). Comes in blue livery.

Operation condition: 1980s. Service: Passenger trains and goods trains.

Model: Finely detailed appearance. With three headlight and 2 red tail lights that relate to the precise scale changes of the original. Comes with integrated sound. Ex works. Overall length: 199,4 mm.



### **Diesel locomotive Series 60 of the SNCB**

Prototype: Diesel locomotive, Series 60 of the Belgian State Railways (SNCB/NMBS). Operating condition: 1970's.

Service: Passenger and goods trains.

Model: Complete new construction. Highly detailed appearance with triple headlights and 2 red tail lights. Overall length: 199.4mm



62896 • 68896









RRP € 329.00 RRP € 329.00

> 62893 • 68893









RRP € 208.00 RRP € 248.00

62894









RRP € 329.00

62890 68890







RRP € 199.00 RRP € 239.00







RRP € 89.00

62794 **№** 68794





RRP € 109.00 RRP € 154.00

> 63944 **∼** 69944







RRP € 199.00 RRP € 239.00

> 62910 **∼** 68910







RRP € 109.00 RRP € 149.00

## Diesel locomotive, 1151 of the CFL-Cargo

Prototype: Diesel locomotive, 1151 (ex class 110 of the DR) of the Luxemburg State Railways (CFL) cargo operations.

Wheel arrangement: Bo'Bo'. Current operating condition: Service: Goods trains.

Model: Finely detailed appearance in current livery, Triple headlights and 2 red tail lights. Overall length: 164 mm.



## Diesel locomotive, series 2400 of the NS

Prototype: Diesel electric, mixed traffic locomotive, series 2400, of the Netherlands Railways (NS). Wheel arrangement: Bo'Bo'.

Operating condition: 1970's. Service: Primarily light goods trains and shunting.

Model: Rerelease in blue livery, with double headlights and 2 red tail lights. Overall length: 143 mm.



#### **Double traction series 2200 NS**

Prototype: Two multi-purpose Diesel locomotives series 2200 of the Netherlands Railways (NS). Wheel arrangement: Bo'Bo'.

Operation conditioN. 1980s. Service: Mainly for light goods trains and also for the shunting service.

Model: Reissue model of double traction with double headlight and two red tail lights. One locomotive comes with drive system and the other one without. Overall length: 286 mm.



#### Diesel locomotive series 204, RN

Prototype: Diesel locomotive series 204 of the Railion Nederland. Wheel arrangement: Bo'Bo'.

Operation condition: 2000s. Service: Mainly for shunting service and for goods trains.

Model: Finely detailed appearance. Comes with traffic red "Railion" livery. Running number 204 616-7.

With three headlight and two red tail lights. LED lighting. Overall length: 164 mm.



## Diesel locomotive series 204, RN with digital operating couplings

Prototype: Diesel locomotive series 204 of the Railion Nederland, Wheel arrangement; Bo'Bo', Operation condition; 2000s, Service; Mainly for shunting service and for goods trains. Model: Finely detailed appearance. Comes in traffic red "Railion" livery. Running number 204 616-7. With three headlight and two red tail lights.



## Electric multiple unit "Blokkendoos" of the NS

Prototype: Electric multiple unit (4 part), "Blokkendoos" of the NS. Operating condition: 1960's. Service: Commuter traffic. Model: Re-released model in reworked appearance with newly constructed trailer coaches and altered running numbers. Double headlights and 2 red tail lights. One unit is powered. Suitable coaches to extend the train are 63141. Overall length per unit: 640 mm



## Unpowered, electric multiple unit "Blokkendoos" of the NS

Prototype: 2 part mutliple unit "Bllokkendoos" of the Netherlands Railways (NS). Operating condition: 1960's. Service: Commuter traffic. Model: Unmotorised unit to extend model 63140. Overall length per unit: 229 mm.



#### **Electric locomotive series 1000 of the NS**

Prototype: Electric locomotive, series 1000 of the Netherlands Railways (NS). Wheel arrangement: Bo'Bo'. Version in dark blue with yellow lining and red painted buffer beams. Operating condition: 1970's. Service: Express passenger trains Model: Re-release in reworked, improved appearance. With doube headlights and 2 red tail lights. Overall length: 186 mm.



62911 **№** 68911







RRP € 169.00 RRP € 169.00

63140







**RRP** € 319.00

63141







62675 ~ 68675

€ 141.00







RRP € 184.00 RRP € 224.00 63160 • 69160







## Plan V electric railcar, NS

SPECIAL

Prototype: 2-piece mass transit electric railcar type "Plan V" of the Netherlands Railways (NS). Operation condition: 1970s. Service: mass transit. Model: complete reconstruction. Reproduction of the original appearance of the part series V1-V3 before reconstruction. Precise interior design. With triple headlight and 2 red tail lights.

#### Plan V of the NS

Since the 1960s the Netherlands Railways (NS) have obtained several type series of electric and diesel railcars which all stand out due to their light weight. The 2-part electric railcar, labelled "Plan V", was produced as a series of 246 exemplars in Werkspoor and Talbot in Aachen between 1965 and 1972. Till today it is the most produced railcar of the NS. The first Plan V railcars were being delivered in dark green livery with a sand yellow decorative strip, the rest in the usual yellow livery which is used by the NS. The Plan V railcars are indispensable in mass transit and passenger traffic. In combination with the 4-piece railcars series T and the "sprinter" train sets they still form the backbone of the push pull traffic.



RRP € k. A. RRP € k. A.

62671 68671







RRP € 192.00 RRP € 233.00

## Electric locomotive type series 1800, NS

Locomotives

Prototype: Multi purpose electric locomotive type series 1800 of the Netherlands Railways (NS). Wheel arrangement: Bo'Bo'. Current operation condition. Service: Goods and passenger transportation. Model: Finely detailed appearance. With air conditioning on top of the driver's cab. With three headlight and two tail lights. Also with LED lighting. Overall length: 200 mm.





## **Electric locomotive series 1600, NS**

SPECIAL

Prototype: Electric multi-purpose locomotive series 1600 of the Netherlands Railways (NS), Wheel arrangement Bo'Bo'. Operation condition: around 2000. Service: passenger and goods trains. Model of the locomotive 1611 in yellow/grey livery with "VENLO" logo. With triple headlight and 2 red tail lights. Length over buffer: 200 mm.



#### Electric locomotive series 1800, NS SPECIAL

Prototype: Electric multi-purpose locomotive series 1800 of the Netherlands Railways (NS). Wheel arrangement Bo'Bo'. Current operation condition. Service: passenger and goods trains. Finely detailed model of the locomotive 1858 with air conditioning in yellow/grey livery with "ZAANDAM" logo. With triple headlight and 2 red tail lights. LED lighting. Overall length: 200 mm.



#### **Electric locomotive series 1800, NS**

SPECIAL

Prototype: Electric multi-purpose locomotive series 1800 of the Netherlands Railways (NS). Wheel arrangement Bo'Bo'. Current operation condition. Service: passenger and goods trains. Finely detailed model of the locomotive 1830 with air conditioning in yellow/grey livery with "ZWOLLE" logo. With triple headlight and 2 red tail lights. LED lighting. Overall length: 200 mm.



#### **Electric locomotive series 1600, NS**

SPECIAL

Prototype: Electric multi-purpose locomotive series 1600 of the Netherlands Railways (NS). Wheel arrangement Bo'Bo'. Comes in red livery. Operation condition: around 2000. Service: goods trains. Model of the locomotive 1637 with "NS Cargo" inscription on the side and "AMERS-FOORT" logo. With LED triple headlight and 2 red tail lights. Length over buffer: 200 mm.



# 62669

**№** 68669







RRP € 179.00 RRP € 219.00

> 62672 **№** 68672







RRP € 179.00 RRP € 219.00

> 62673 **~** 68673







RRP € 179.00 RRP € 219.00

> 62674 ~ 68674







RRP € 179.00 RRP € 219.00







#### E.432 TRIFASE electric locomotive, FS

 $Prototype: Electric \ locomotive \ type \ E.432 \ of the \ ltalian \ State \ Railway \ (FS). \ Operation \ condition: 1960s.$ 

Service: Express trains and stopping trains.

Model: Complete new construction. Finely detailed appearance. Comes in "castano- isablella" brown livery.

With red buffer boards and original FS logo. With double headlights. Overall length: 190 mm.



#### E.432 FS - Trifase

Also in Italy the enormous technical development phase which took place after the end of the First World War left its traces. The Ferrovie dello Stato (FS) requisitioned in 1927 40 locomotives with pole drive from the locomotive producer "Societa Ernesto Breda": the series E.432. The locomotives that weighed 94 tons, were 13,910 mm long, and had the wheel arrangement 1'D1', were operated with alternating current and had a uninterrupted power service output of 2,200 kW. However because the AC is phase dependent it did not allow for a regulation of the motor in fine increments and that is why the speed was reached with four shift levels. After the respective transition phases the four speeds of



37,5 km/h, 50 km/h, 75 km/h, and 100 km/h were reached. For todays standards the locomotives look ancient and a bit funny with their short front chassis and the comparatively big driving wheels but they were used in passenger as well as in goods transportation. Depending on the load, the selected speed was not fully reached so that the maximum speed most of the time fell short of its theoretical value. The Italian State Railway (FS) used the series E.432 until the year 1976. Two units were saved for the future, one of which is in good condition: the E432.001 in the Museo Nationale Ferroviario di Pietrarsa, where she reminds us of the pioneer days of the electric traction in Italy. On the Brenner route the E.432 could often be seen in front of international express trains.



#### V 160 Diesel locomotive, Company Serfer

Prototype: Diesel locomotive type V160 of the Italian company Serfer, ex series 216 of the German Railways (DB).

Wheel arrangement: Bo'Bo' Operation condition. 1990s. Service: Passenger and goods trains.

Model: Finely detailed appearance. With three headlight and two red tail lights. Overall length: 184 mm.



## E.432 electric locomotive, FS

Prototype: electric locomotive type E.432 of the Italian State Railway (FS) in operation condition of the 1930s. Service: passenger as well as goods trains. Finely detailed appearance with 2 headlights. LED lighting.



#### Diesel locomotive series D 319.2, RENFE

Prototype: Diesel locomotive series D 319.3 in original version of the Spanish National Railways (RENFE). Wheel arrangement: Co'Co'. Operation condition: 1980s. Service: Goods trains. Model: Finely detailed appearance. Comes in ESTRELLA livery. Three headlight and two red tail lights. Overall length: 218 mm.



## **Electric locomotive type E1000, RENFE**

Prototype: Electric locomotive type E1000 of the Spanish National Railways (RENFE). Wheel arrangement: Bo'Bo'. Operation condition: 1960s. Service: Goods trains and passenger trains. Model: Finely detailed appearance. With front doors and wagon transitions. Three headlight and 2 red tail lights. Overall length: 138 mm.



63946

**PRIVAT** 





**RRP** € 149.00

62382









RRP € 319.00 RRP € 359.00

62955







**RRP** € 184.00

62682







**RRP** € 229.00

62683 **№** 68683











62858 **∼** 68858







RRP € 194.00 RRP € 234.00

62534







62655





**RRP** € 182.00

#### **Electric locomotive type E1000, RENFE**

Prototype: Electric locomotive type E1000 of the Spanish National Railways (RENFE). Wheel arrangement: Bo'Bo', Operation condition: 1960s. Service: Goods trains and passenger trains. Model: Finely detailed appearance. With front doors and wagon transitions. Three headlight and 2 red tail lights. With integrated sound. Ex works. Overall length: 138 mm.



## Diesel locomotive MY, DSB

SPECIAL

The prototype is a multi-purpose electric Diesel locomotive type MY of the Danish State Railway (DSB). Wheel arrangement: (A1A)'(A1A)'. Constructed by the company NOHAB in Sweden in the 1950s, these locomotives were still in active duty as track maintenance trains in 2005. Finely detailed appearance with triple headlight and 2 red tail lights. Overall length: 218 mm.



## Electric locomotive DA, SJ SPECIAL

Prototype: Electric locomotive with connecting rod drive type "Da" of the Swedish State Railway (SJ). Wheel arrangement 1'C 1'. Operation condition: around 1970. Service: passenger and goods trains. Model: Finely detailed appearance in brown livery with red buffer beam and red track sweeper. With triple headlight and 2 red tail lights. Overall length: 151 mm. Between 1953 and 1960, 93 multi-purpose electric locomotives



type "Da" were constructed for the Swedish State Railway (SJ) by ASEA. Those electric locomotives with connecting rod (wheel arrangement 1'C 1') weigh 75 tons, are 1840 kW strong, 100 km/h fast and suitable for multi-traction.

#### Rc 6 electric locomotive, SJ

Prototype: Multi purpose electric locomotive of the Swedish State Railway (SJ). Wheel arrangement: Bo'Bo'.

Operation condition: 2005s. Service: Passenger and goods transportation.

Model: In blue livery. With red track sweeper. With three headlight and two red tail lights. Overall length: 179 mm.



## BR 185.2 electric locomotive, SJ SPECIAL

Prototype: electric locomotive type 185.5 of the Swedish State Railway (SJ), division "GREEN CARGO". Wheel arrangement Bo'Bo'. Current operation condition. Service: goods trains. Model of the modernised construction series with crash optimised engine's box in current green livery with "GREEN CARGO" inscription. With triple headlight and 2 red tail lights. LED lighting. Overall length: 217 mm.



### Rh 142 electric locomotive, HECTORRAIL

Prototype: Electric locomotive series 142 (ex Rh 1142 ÖBB) of the Swedish private railroad company HECTORRAIL.

Wheel arrangement: Bo'Bo'. Current operation condition. Service: Goods trains.

Model: In flashy orange-grey livery. With big headlights. With three headlight and two tail lights. Overall length: 186 mm.



#### **Electric locomotive type El 16, NSB**

Prototype: Electric locomotive type El 16 of the Norwegian Railways (NSB). Wheel arrangement: Bo'Bo'. Operation condition: 2005s. Service: Passenger trains and goods trains. Model: Finely detailed appearance in red-grey livery with three headlight and 2 red tail lights. With modified running numbers. Overall length: 180 mm.



#### Rh 541 electric locomotive, SZ

Prototype: Multi purpose electric locomotive type 541 of the Slovenian State Railway (SZ). Wheel arrangement: Bo'Bo'. With advertising inscription of the "Alpenkonvention". Current operation condition. Service: Express trains and goods trains for the regional and international service. Model: Finely detailed appearance with four pantographs. Three headlight and two red tail lights. Overall length: 225 mm.



62708

**№** 68708







RRP € 209.00 RRP € 249.00

> 62586 ~ 68586

**PRIVAT** 





RRP € 223.00 RRP € 264.00

62694







**RRP** € 202.00

62359 ~ 68359







RRP € 207.00 RRP € 249.00

ČSD





RRP € 164.00

62925









RRP € 289.00

62926







RRP € 164.00

62927









RRP € 289.00

#### Rh 478 Diesel locomotive, CSD

Prototype: Diesel locomotive type 478 of the Czecholovakian State Railway (CSD). Wheel arrangement: Bo'Bo'. Operation condition: 1980s. Service: Passenger and goods trains that were running up to the German and Austrian border stations.

Model: Finely detailed appearance of the "Taucherbrille", with three headlight and two red tail lights. LED lighting. Overall length: 190 mm.



## Rh 478 Diesel locomotive, CSD

Prototype: Diesel locomotive type 478 of the Czecholovakian State Railway (CSD). Wheel arrangement: Bo'Bo'.

Operation condition: 1980s. Service: Passenger and goods trains that were running up to the German and Austrian border stations.

Model: Finely detailed appearance of the "Taucherbrille", with three headlight and two red tail lights. LED lighting.

With integrated sound that relates to the original. Ex works. Overall length: 190 mm.



#### Rh 754 Diesel locomotive, CD

Prototype: Diesel locomotive type 754 of the Czecholovakian State Railway (CD). Wheel arrangement: Bo'Bo'. Current operation condition. Service: Passenger and goods trains that were running up to the German and Austrian border stations.

Model: Finely detailed appearance oft the "Taucherbrille", with three headlight and two red tail lights. LED lighting. Overall length: 190 mm.



#### Rh 754 Diesel locomotive, CD

Prototype: Diesel locomotive type 754 of the Czecholovakian State Railway (CD). Wheel arrangement: Bo'Bo'. Current operation condition. Service: Passenger and goods trains that were running up to the German and Austrian border stations.

Model: Finely detailed appearance of the "Taucherbrille", with three headlight and two red tail lights. LED lighting. With integrated sound that corresponds to the sound of the original. Ex works. Overall length: 190 mm.mm.



#### Rh 754 Diesel locomotive, ZSR

Prototype: Diesel locomotive type 754 of the Slovakian State Railway (ZSR). Wheel arrangement: Bo'Bo'. Current operation condition. Service: Passenger and goods trains that were running up to the Austrian border stations.

Model: Finely detailed appearance of the "Taucherbrille" with the "Österreich-Paket". With three headlight and two red tail lights. LED lighting. Overall length: 190 mm.



### Rh 754 Diesel locomotive, ZSR

Prototype: Diesel locomotive type 754 of the Slovakian State Railway (ZSR). Wheel arrangement: Bo'Bo'. Current operation condition. Service: Passenger and goods trains that were running up to the Austrian border stations.

Model: Finely detailed appearance of the "Taucherbrille" with the "Österreich-Paket". With three headlight and two red tail lights. LED lighting. With integrated sound that relates to the sound of the original. Overall length: 190 mm.



#### 0i2 steam locomotive, PKP

Prototype: 0i2 passenger train - steam locomotive with 3 axle separate tender (ex BR24 locomotive of the DRG) of the Polish State Railway (PKP). Wheel arrangement: 1'C h2. Operation condition: 1960s. Service: Mainly for passenger trains.

Model: Finely detailed appearance with Wagner smoke deflectors and three headlight with big polish lamps. Overall length: 195 mm.



#### **EU 44 electric locomotive, PKP**

Prototype: Multi-purpose electric locomotive type of the Polish State Railway (PKP). Wheel arrangement: Bo 'Bo '. In current red livery and operation condition. Service: Goods trains for the international and regional service.

Model: Finely detailed appearance with four pantographs. Three headlight and two red tail lights. Overall length: 225 mm.



62928







**RRP** € 164.00

62929











62211

€ 289.00





**RRP** € 274.00

62599





**RRP** € 204.00





RRP € 189.00

62761









## M 62 Diesel locomotive, MAV

Prototype: Diesel locomotive type M 62 of the Hungarian State Railway (MAV). Wheel arrangement: Co'Co'. Operation condition: 1980s. Service: Passenger trains and goods trains. Model: Finely detailed appearance of the "Taigatrommel" with characteristic star. The roof part comes with sound absorber but with ventilators of the original locomotive version. With three part ventilator blinds on the side wall. Three headlight and two red tail lights. Overall length: 202 mm



## M 62 Diesel locomotive, MAV

Prototype: Diesel locomotive type M 62 of the Hungarian State Railway (MAV). Wheel arrangement: Bo'Bo'. Operation condition: 1980s. Service: Passenger and goods trains. Model: Finely detailed appearance of the "Taigatrommel" with characteristic star. The roof part comes with sound absorber but with ventilators of the original locomotive version. Ex works sound version. With three part ventilator blinds on the side wall. Three headlight and two red tail lights. Overall length: 202 mm







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44201





RRP € 27.30

44212





RRP € 27.30

44223





RRP € 16.50

## 3-piece set of local passenger coaches, DB SPECIAL

Prototype: 3 different local passenger coaches of the former Royal Bavarian State Railway in service with the German Railways (DB). 1 luggage wagon type GwL and 2 platform wagons type CL in operation condition of the 1950s. Service: mainly on Bavarian branch lines. Finely detailed appearance in green livery with authentic inscriptions. Overall length: 100 mm / 102 mm. Suitable locomotive: BR 98.3 "Glaskasten" item no. 63230.



## 2nd class standard passenger car "Thunder box" of the DB

Prototype: 2nd class passenger car of the standard construction type "Thunder Box" of the German Railways (DB). Operation condition: 1960s. Service: Passenger trains. Model: Finely detailed appearance. Prepared for interior lighting. Overall length: 160 mm.



## 1st class standard passenger car "Thunder box" of the DB

Prototype: 1st class passenger car of the standard construction type "Thunder Box" of the German Railways (DB). Operation condition: 1960s. Service: Passenger trains. Model: Finely detailed appearance. Prepared for interior lighting. Overall length: 160 mm.



## 2nd class passenger car of the DB

Prototype: 2nd class passenger car of the German Railways (DB). Operation condition: 1960s. Service: on branch lines. Model: Finely detailed appearance. Overall length: 138 mm..



# H0

## 2nd class compartment car, DR

Compartment car in Prussian design, comes with load carrier compartment. Overall length: 150 mm.



## 2nd class compartment car, DR

Compartment car in Prussian design. Operating condition: 1960s. Overall length: 150 mm.



## 2nd class compartment car, DR

Compartment car in Prussian design. Operating condition: 1960s. Overall length: 150 mm.



## 2-piece set of 2nd class compartment cars, DR

Set of compartment cars in Prussian design. Operating condition: 1960s. Overall length: 150 mm.



44583





RRP € 32.70

44584





RRP € 32.70

44585





44586





RRP € 65.50





RRP € 164.00

44227





RRP € 16.50

64515





RRP € 38.90

64516





RRP € 38.90

#### 3-piece set of local passenger coaches, DB

 $Prototype: Two \ 2nd \ class \ locoal \ passenger \ coaches \ type \ B4n \ and \ one \ luggage \ wagon \ Pw4ye-31 \ of the \ German \ Railways \ (DB).$ 

Operation condition: 1960s. Service: Passenger trains and stopping trains.

Model: In original bottle green livery for the very first time. Equipped for interior lighting. Overall length per wagon: 303 mm / 226 mm.



#### 2nd class passenger car, DR

Not prepared for interior lighting . Overall length: 138 mm.



#### 1st/2nd class retrofit wagon, DB

Prototype: 1st/2nd class passenger car type AByg, 4-axle retrofit wagon of the German Railways (DB).

Operation condition: 1970s. Service: Passenger trains and stopping trains.

Model: Finely detailed appearance. Equipped for interior lighting. Overall length: 223 mm.



## 2nd class retrofit wagon, DB

 $Prototype: 2nd\ class\ passenger\ car\ type\ Byg,\ 4-axle\ retrofit\ wagon\ of\ the\ German\ Railways\ (DB).\ Operation\ condition:\ 1970s.$ 

Service: Passenger trains and stopping trains.

Model: Finely detailed appearance. Equipped for interior lighting. Overall length: 223 mm.





## Auxiliary luggage wagon of the DB

Prototype: Auxiliary luggage wagon type MPw4yge of the German Railways (DB). Operation condition: 1970s. Service: Passenger trains and stopping trains. Model: Reissue model in chromium oxid green livery, with modified running numbers of the Epoch IV. Equipped for interior lighting. Overall length: 264 m.



## 2nd class retrofit wagon, DB

Prototype: 2nd class passenger car type Byg, 4-axle retrofit wagon of the German Railways (DB). Operation condition: 1970s. Service: Passenger trains and stopping trains.

Model: Finely detailed appearance. With modified running numbers. Equipped for interior lighting. Overall length: 223 mm.



## 2nd class retrofit wagon with luggage compartment, DB

Prototype: 2nd class passenger wagon with luggage compartment type BDyg, 4-axle retrofit wagon of the German Railways (DB). Operation condition: 1970s. Service: Passenger trains and stopping trains.

Model: Finely detailed appearance. Equipped for interior lighting. Overall length: 223 mm.



45655





RRP € 37.90

64517







64518







RRP € 38.90





RRP € 54.90







RRP € 199.00 RRP € 199.00

64315





RRP € 49.50

45812





RRP € 64.90

#### 2nd class express wagon, DB

 $Prototype: 2nd\ class\ compartment\ car\ type\ B4\"um-63\ of\ the\ German\ Railways\ (DB).\ Operation\ condition:\ 1965s.$ 

Service: High quality passenger transportation.

Model: Reissue model in classic express train livery, with modified running numbers. Equipped for interior lighting. Overall length 303 mm.



## 2nd class DIGITAL express wagon of the DB

WELTNEUHEIT! NOVEDAD MUNDIAL! NOVITÀ MONDIALE! A WORLD FIRST! NOUVEAUTE MONDIALE!

Prototype: 2nd class compartment wagon type B4üm-54 of the German Railways (DB). Operation condition: 1960s. Service: Express trains and stopping trains.

Model: Finely detailed appearance of the wagon construction type group 53 in bottle geen livery. The doors are digitally controlled, opened and closed. Ex works. With typical and integrated "door closing" sound. With switchable LED-interior lighing. Overall length: 303 mm. Complementary to the starter set 41273.



## 2nd class high capacity coach with centered doors

Prototype: 2nd class high capacity coach with centered doors. Operation condition: 1960s. Service: Stopping trains.

Model: Reissue model with modified running numbers. Equipped for interior lighting. Suits perfectly to all kind of Epoch III high capacity coaches with centered doors. Overall length: 303 mm.



# Dining wagon, DB SPECIAL

Prototype: dining wagon type WRüm-64 of the German Railways (DB) in operation condition of the 60s. Service: high-quality express trains. Finely detailed and printed appearance. Prepared for interior lighting. Overall length: 316 mm.



## 1st class express train wagon, DB SPECIAL

Prototype: 1st class compartment wagon type Aüm 202 of the German Railways (DB) in operation condition of the 60s. Universal service: express and stopping trains. Finely detailed model of the type series 53 in classic blue 1st class livery. Prepared for interior lighting. Overall length: 303 mm.



## 1st/ 2nd class express train wagon, DB

SPECIAL

Prototype: 1st/ 2nd class compartment wagon type ABüm 223 of the German Railways (DB) in operation condition of the 60s. Universal service: express and stopping trains. Finely detailed model of the type series 53 in classic green livery. Prepared for interior lighting. Overall length: 303 mm.



#### 2nd class express train wagon, DB SPECIAL

Prototype: 2nd class compartment wagon type Büm 223 of the German Railways (DB) in operation condition of the 60s. Universal service: express and stopping trains. Finely detailed model of the type series 53 in classic green livery. Prepared for interior lighting. Overall length: 303 mm.



#### 2nd class express train wagon, DB SPECIAL

Prototype: 2nd class compartment wagon type Büm 223 of the German Railways (DB) in operation condition of the 60s. Universal service: express and stopping trains. Finely detailed model of the type series 53 in classic green livery. With modified running numbers. Prepared for interior lighting. Overall length: 303 mm.



64496







RRP € 57.40

64497







RRP € 57.40

64498







64499







**RRP** € 57.40





RRP € 179.00

64033







**RRP** € 179.00

## 3-piece set no 1 "Riviera-Express" SPECIAL

Prototype: 3 different passenger coaches of the German Railways (DB) and the Italian State Railway (FS). One 1st class express train wagon and one 2nd class express train wagon of the type series 53 (DB) as well as one 1st/2nd class express train wagon series 50000 as destination coach (FS). In operation condition of the late 1950s as "Riviera-Express" in international passenger train service. Finely detailed and authentic appearance of the wagons with inscribed train destination plates. Prepared for interior lighting. Overall length: 848 mm. Suitable locomotive: BR 10 item no 62190. Possible addition with set no 64033.

#### D 167 / 168 "Riviera-Express"

Summer time = travel time! The Mediterranean Sea has always been an ideal beach holiday destination including southern joie de vivre and delicious food. Boosted by the economic miracle several connections running from northern regions directly to the Italian seaside resorts already existed in the mid 1950s, e.g. the D 167 / 168 "Riviera-Express". The train pair connected Ventimiglia with Amsterdam and was equipped with coaches of the German Railways (DB) as well as with ones of the Italian State Railway (FS). The incredibly long train was split up in Mannheim and the portion or rather the destination coaches going to Hamburg Altona carried the same name as the main train portion. Between Frankfurt and Hanover the train was oftentimes hauled by the BR 10 which were stationed in the BW Bebra and Kassel; they were worthy locomotives for this high class train connection.





## 3-piece set no 2 "Riviera Express"

SPECIAL

Prototype: 3 different passenger coaches of the German Railways (DB). One 2nd class express train wagon B4ü, one dining wagon Wr4ü and one luggage wagon Pw4ü. In operation condition of the late 1950s as "Riviera-Express" in international passenger train service. Finely detailed and authentic appearance of the wagons with inscribed train destination plates. Prepared for interior lighting. Overall length: 745 mm. Suitable locomotive: BR 10 item no 62190. Possible addition with set no 6403.











## 2nd class local coach "Silberling", DB

Prototype: 2nd class local coach type Bnb 720 of the German Railways (DB). Operation condition: 1980s. Service: Stopping trains, push pull trains, for local traffic. Model: Reissue model with black long carrier and modified running numbers. Equipped for interior lighting. Overall length: 303 mm.



# 1st class standard express wagon, DB SPECIAL

Prototype: 1st class compartment wagon type AÜe 321 of the German Railways (DB). Operation condition: approx. 1970. Service: Express and stopping trains. Model: Finely detailed appearance of the wagons, construction type 1928. Prepared for interior lighting. Overall length: 249 mm.



64317







64736





RRP € 49.90

DB











RRP € 49.90

#### 64733





RRP € 49.90

#### 45785





RRP € 49.50

## 1st class standard express wagon, DB

Prototype: 1st class compartment car type Aüe 302 of the German Railways (DB). Operation condition: 1970s.

Service: Express trains and stopping trains.

Model: Finely detailed appearance of the wagons, construction type 1928. Equipped with interior lighting. Overall length: 249 mm.



## 2nd class standard express wagon, DB

Prototype: 1st class compartment car type Büe 354 of the German Railways (DB). Operation condition: 1970s.

Service: Express trains and stopping trains.

Model: Finely detailed appearance of the wagons, construction type 1928. Equipped with interior lighting. Overall length: 249 mm.



## Standard luggage wagon, DB

Prototype: Luggage wagon type Düe 927 of the German Railways (DB). Operation condition: 1970s. Service: Express trains and stopping trains. Model: Finely detailed appearance of the wagons, construction type 1928. Equipped with interior lighting. Overall length: 226 mm.



#### 1st class open coach, IC, DB, Epoch IV

Available for the first time with red skirting, epoch IV. With train destination sign IC 698 "Konsul". Equipped for interior lighting. Overall length 303 mm.



#### T2S sleeper, DB SPECIAL

Prototype: sleeper type T2S of the German Railways (DB). In operation condition of the 1970s in original purple red livery. Complete and highly detailed reconstruction. Realistically distinctive features for different construction types (concerning epoch and railway administration). Prepared for interior lighting. Overall length: 303 mm.

#### T2S - Sleepers from one pool

A pool of sleepers which contained all CIWL and DSG coaches existed in western countries between 1971 and 1995. The centralised coaches were distributed to the single countries so that a more economic use was guaranteed. Amongst others, the German Railways (DB) did not stick to the uniformly cobalt blue livery due to their unwillingness until the mid 1980s to pass up their familiar purple red livery. All coaches had the noticeably "TEN" inscription in common. The pool not only obtained older coaches, but also newer ones. The latest was the T2S (series WLABsmh 166) which was developed and constructed by the Swiss Wagon and Lift Factory in Schlieren. The single storey coaches featured 17 identically equipped half-compartments with two beds each on top of each other or rather at daytime two seats next to each other. In addition to that, the T2S has a train staff compartment and two toilets situated at the end of the coach. Hinged partition walls permit a more flexible interior layout. The pivoted bogies feature a combined disk and block brake and guarantee a maximum speed of 160 km/h. The T2S was provided for the pool in more or less big quantities by the DB, DSB, FS, NS, ÖBB and SBB. The pool of sleepers was opened in 1995 so that also the T2S sleepers passed into the jurisdiction of the national railway companies, which designed little by little their own night train livery.



## 1st class compartment coach, IC, DB, Epoch IV

Re-issued model with modified running numbers. With train destination sign IC 698"Konsul". Equipped for interior lighting. Overall length 303 mm.



64750









RRP € 58.90

45705







RRP € 49.50







45797





RRP € 54.90

45798





RRP € 54.90

45799





RRP € 79.90

#### 2nd class centered door wagon

Prototype: 2nd class high capacity coach with centered doors of the German Railway (DB). Operation condition: approx. 1980s.

Service: Stopping trains. Model: Presented in scale 1:87, with ocean blue long carrier and beige decoration strip - for the very first time. Equipped for interior lighting. Overall length: 303 mm.



#### 2nd class centered door wagon

Prototype: 2nd class high capacity coach with centered doors of the German Railway (DB). Operation condition: approx. 1980s. Service: Stopping trains. Model: Presented in scale 1:87, with ocean blue long carrier and beige decoration strip - for the very first time. With modified running numbers. Equipped for interior lighting. Overall length: 303 mm



#### 1st/ 2nd class centered door wagon

Prototype: 1st/2nd class high capacity coach with centered doors of the German Railway (DB). Operation condition: approx. 1980s. Service: Stopping trains. Model: Presented in scale 1:87, with ocean blue long carrier and beige decoration strip - for the very first time. Equipped for interior lighting. Overall length: 303 mm



#### 2nd class control cab coach with centered doors

Prototype: 2nd class high capacity coach with centered doors of the German Railway (DB). With additional luggage and control cab compartment. Operation condition: approx. 1980s. Service: Stopping trains. Model: Presented in scale 1:87, with ocean blue long carrier and beige decoration strip - for the very first time. Headlights and rear end lights: with DCC-digital switch. Equipped for interior lighting. Overall length: 303 mm.



## T2S sleeper, DB SPECIAL

Prototype: sleeper type T2S of the German Railways (DB). Comes in blue "TEN" livery in operation condition of the late 1980s. Complete and highly detailed reconstruction. Realistically distinctive features for different construction types (concerning epoch and railway administration). Prepared for interior lighting. Overall length: 303 mm.





## 2nd class open coach, IC, DB, Epoch IV

Re-issued model with modified running numbers. With train destination sign IC698 "Konsul". Equipped for interior lighting. Overall length: 303 mm.



## 2nd class IC compartment coach, DB, Epoch IV

Re-issued model with modified running number. With train destination sign IC 698 "Konsul". Equipped for interior lighting. Overall length: 303mm.



## 2nd class express coach, DB, Epoch IV

2nd class express compartment coach, type Bm 235 with IC-express mail compartment and train destination sign IC 698 "Konsul". Equipped for interior lighting. Overall length: 303mm.



64751







45250







RRP € 49.50

45855







45856







RRP € 52.90

**45870 ∼** 45871







RRP € 199.00 RRP € 199.00







RRP € 199.00 RRP € 199.00







RRP € 199.00 RRP € 199.00







RRP € 219.00 RRP € 219.00

## 1st class DIGITAL express wagon, DB

WELTNEUHEIT! NOVEDAD MUNDIAL! NOVITÀ MONDIALE! AWORLD FIRST! NOUVEAUTE MONDIALE!

Prototype: 1st class compartment wagon type Aüm 202 of the German Railways (DB). Operation condition: 1975s.

Service: Express trains and stopping trains. Model: Finely detailed wagon of the construction type group 53, in orange-stone grey "Pop" livery.

Service: Express trains and stopping trains. Model: Finely detailed wagon of the construction type group 53, in orange-stone grey "Pop" livery Doors are digitally controlled, opened and closed. Ex works. With typical "door closing" sound. With switchable LED-interior lighting. Overall length 303 mm.



## 1st/2nd class DIGITAL express wagon, DB

WELTNEUHEIT! NOVEDAD MUNDIAL! NOVITÀ MONDIALE!

Prototype: 1st/2nd class compartment wagon type Aüm 223 of the German Railways (DB). Operation condition: 1975s.

Service: Express trains and stopping trains. Model: Finely detailed wagon of the construction type group 53, in green stone-grey "Pop" livery.

Doors are digitally controlled, opened and closed. Ex works. With typical "door closing" sound. With switchable LED-interior lighting. Overall length 303 mm.



#### 2nd class DIGITAL express wagon, DB

WELTNEUHEIT! NOVEDAD MUNDIAL! NOVITÀ MONDIALE! AWORLD FIRST! NOUVEAUTE MONDIALE!

Prototype: 2nd class compartment wagon type Bm 232 of the German Railways (DB). Operation condition: 1975s.

Service: Express trains and stopping trains. Model: Finely detailed wagon of the construction type group 53, in blue stone-grey "Pop" livery.

Doors are digitally controlled, opened and closed. Ex works. With typical "door closing" sound. With switchable LED-interior lighting. Overall length 303 mm.



#### 2nd class DIGITAL express wagon, DB

WELTNEUHEIT! NOVEDAD MUNDIAL! NOVITÀ MONDIALE! AWORLD FIRST! NOUVEAUTE MONDIALE!

Prototype: 2nd class compartment wagon type Bm 232 of the German Railways (DB). Operation condition: 1975s.

Service: Express trains and stopping trains. Model: Finely detailed wagon of the construction type group 53, in green stone-grey "Pop" livery.

Doors are digitally controlled, opened and closed. Ex works. With typical "door closing" sound. With switchable LED-interior lighting and rear end lights. Overall length: 303 mm.



## 2nd class DIGITAL express wagon, DB

WELTNEUHEIT! NOVE

Prototype: 2nd class compartment wagon type Bm 232 of the German Railways (DB). Operation condition: 1975s.

Service: Express trains and stopping trains. Model: Finely detailed wagon of the construction type group 53, in ocean blue- beige livery. Doors are digitally controlled, opened and closed. Ex works. With typical "door closing" sound. With switchable LED-interior lighting and modified running number. Overall length: 303 mm. Complementary to the starter set 41275.



## 1st class express coach of the DB

Prototype: 1st class compartment coach, type Am202 of the German Federal Railways (DB).

Operating condition: around 1980. Service: Fast and express trains.

Model: Finely detailed new construction of coaches in group 53. In turquoise blue /beige livery.

Equipped for installation of interior lighting. Overall length: 303 mm.



#### 1st/2nd class express coach of the DB

Prototype: 1st class compartment coach, type ABm223 of the German Federal Railways (DB).

Operating condition: around 1980. Service: Fast and express trains.

Model: Finely detailed new construction of coaches in group 53. In turquoise blue / beige livery.

Equipped for installation of interior lighting. Overall length: 303 mm.



#### 2nd class express coach of the DB

Prototype: 2nd class compartment coach, type Bm232 of the German Federal Railways (DB).

Operating condition: around 1980. Service: Fast and express trains.

Model: Finely detailed new construction of coaches in group 53. In turquoise blue / beige livery.

Equipped for interior lighting. Overall length: 303 mm.



45878 **45879** 









RRP € 199.00 RRP € 199.00

45864







RRP € 53.20

45865







**RRP** € 53.20

45866







**RRP** € 53.20







#### 64316





RRP € 54.90

#### 64270





RRP € 49.90

#### 64271





RRP € 49.90

## 2nd class express coach of the DB

Prototype: 2nd class compartment coach, type Bm232 of the German Federal Railways (DB).

Operating condition: around 1980. Service: Fast and express trains.

Model: Finely detailed new construction of coaches in group 53. In turquoise blue / beige livery.

Equipped for installation of interior lighting. With changed running numbers. Overall length: 303 mm.



#### 2nd class express wagon, DB

Prototype: 2nd class compartment car type Bm 234 of the German Railways DB) Operation condition: 1980s.

Service: High quality passenger transportation.

Model: Reissue model in ocean blue- beig livery and with modified running numbers and step treads, with a max. speed of 160 km/h. Equipped for interior lighting. Overall length: 303 mm.



# 2nd class metropolitan train "S-Bahn", DB SPECIAL

Prototype: metropolitan train type Bx of the German Railways (DB) in operation condition of the 80s. Model: Finely detailed and printed with authentic "Jägermeister" advertisement. Prepared for interior lighting. Overall length: 282 mm.



# 2nd class metropolitan train "S-Bahn", DB SPECIAL

Prototype: metropolitan train type Bx of the German Railways (DB) in operation condition of the 80s. Model: Finely detailed and printed with authentic "Jägermeister" advertisement. With modified running number. Prepared for interior lighting. Overall length: 282 mm.



## 1st/2nd class metropolitan train "S-Bahn", DB SPECIAL

Prototype: metropolitan train type ABx of the German Railways (DB) in operation condition of the 80s. Model: Finely detailed and printed with authentic "Jägermeister" advertisement. Prepared for interior lighting. Overall length: 282 mm.



# Control car for metropolitan train "S-Bahn", DB SPECIAL

Prototype: control car for metropolitan train type Bxf of the German Railways (DB) in operation condition of the 80s. Model: Finely detailed and printed with authentic "Jägermeister" advertisement. With triple headlight and change of lights. Prepared for interior lighting. Overall length: 290 mm.



## 1st class passenger carriage, DR

Prototype: 1st class compartment car construction type Y-B/70 of the German State Railway (DR) in original green livery. Operation condition: 1980s. Service: Express trains and stopping trains.

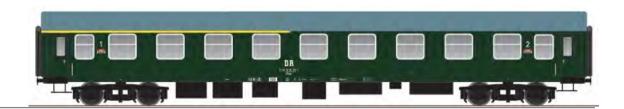
Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



#### 1st/2nd class passenger carriage, DR

Prototype: 1st/2nd class compartment car construction type Y-B/70 of the German State Railway (DR) in original green livery. Operation condition: 1980s. Service: Express trains and stopping trains.

Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



64272







RRP € 49.90

64273









64800

€ 74.90







RRP € 49.90

64801







RRP € 49.90





RRP € 49.90

64803







RRP € 49.90

64804







RRP € 49.90

#### 2nd class passenger carriage, DR

Prototype: 2nd class compartment car construction type Y-B/70 of the German State Railway (DR) in original green livery.

Operation condition: 1980s. Service: Express trains and stopping trains.

Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



#### 2nd class passenger carriage, DR

Prototype: 2nd class compartment car construction type Y-B/70 of the German State Railway (DR) in original green livery.

Operation condition: 1980s. Service: Express trains and stopping trains.

Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. With modified running numbers. Equipped for interior lighting. Overall length: 282,5 mm.



## 2nd class passenger carriage with luggage compartment, DR

Prototype: 2nd class compartment car with luggage compartment, construction type Y-B/70 of the German State Railway (DR) in original green livery. Operation condition: 1980s. Service: Express trains and stopping trains.

Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.





## 2nd class open seating car of the DB

Prototype: 2nd class saloon wagon type Bpmz 291 of the German Railways (DB). Operation condition: 1980s. Service: high quality passenger transportation. Model: Prepared for interior lighting. Shortened scale of length. Ideal for narrow radii. Overall length: 264 mm.





54410





RRP

# € 25.25

# IC dining car of the DB

Prototype: IC dining car type WRmh 132 of the German Railways (DB). Operation condition: 1980s. Service: high quality passenger transportation. Model: Authentic appearance. Prepared for interior lighting. Shortened scale of length. Ideal for narrow radii. Overall length: 264 mm.

#### 1:100









## RRP € 25.25

## 1st class IC compartment car of the DB

Prototype: 1st class IC compartment car type Avmz 207 of the German Railways (DB). Operation condition: 1980s. Service: high quality passenger transportation. Model: Authentic appearance. Prepared for interior lighting. Shortened scale of length. Ideal for narrow radii. Overall length: 264 mm.

#### 1:100

54412









#### 1st class IC compartment wagon, DB AG SPECIAL

Prototype: 1st class compartment wagon type Avmz of the Deutsche Bahn AG (DB AG). Service: high class passenger traffic (IC, EC). Authentic appearance in current livery. Prepared for interior lighting. Shortened scale of length. Ideal for narrow radii. Overall length: 264 mm.

#### 1:100

54425







**RRP** € 26.50



DB



RRP € 26.50

54427





RRP € 26.50

54413





RRP € 24.50

54414





RRP € 25.25 2nd class IC saloon wagon, DB AG SPECIAL

Prototype: 2nd class saloon wagon type Bvmz of the Deutsche Bahn AG (DB AG). Service: high class passenger traffic (IC, EC). Authentic appearance in current livery. Prepared for interior lighting. Shortened scale of length. Ideal for narrow radii. Overall length: 264 mm.



1:100 IC dining wagon, DB AG SPECIAL

Prototype: dining wagon of the Deutsche Bahn AG (DB AG). Service: high class passenger traffic (IC, EC). Authentic appearance in current livery. Prepared for interior lighting. Shortened scale of length. Ideal for narrow radii. Overall length: 264 mm.



2nd class IC open seating car in ICE livery of the DB AG

Prototype: 2nd class saloon wagon type Avmz of the Deutsche Bahn AG (DB AG) in ICE livery. Current operation condition. Service: high quality passenger transportation (IC, EC). Model: Prepared for interior lighting. Shortened scale of length. Ideal for narrow radii. Overall length: 264 mm.



IC dining car in ICE livery of the DB AG

Prototype: dining car of the Deutsche Bahn AG (DB AG) in ICE livery. Current operation condition. Service: high quality passenger transportation (IC, EC). Model: Authentic appearance. Prepared for interior lighting. Shortened scale of length. Ideal for narrow radii. Overall length: 264 mm.



## 1st class IC compartment car in ICE livery of the DB AG

Prototype: 1st class compartment car type Avmz of the Deutsche Bahn AG (DB AG) in ICE livery. Current operation condition. Service: high quality passenger transportation (IC, EC). Model: Authentic appearance. Prepared for interior lighting. Shortened scale of length. Ideal for narrow radii. Overall length: 264 mm.



## 1st class ICE open seating car in new livery, suitable for starter sets 51130 und 51237 of the DB AG

Prototype: 1st class saloon wagon for the ICE 2 of the Deutsche Bahn AG (DB AG). Current operation condition. Service: high speed traffic. Model: Comes in current livery with traffic red stripe. Prepared for interior lighting. Shortened scale of length. Ideal for narrow radii. Overall length: 264 mm.



#### 2nd class ICE open seating car of the DB AG

Prototype: 2nd class saloon wagon for the ICE 2 of the Deutsche Bahn AG (DB AG). Current operation condition. Service: high speed traffic. Model: Comes in current livery with traffic red stripe. Prepared for interior lighting. Shortened scale of length. Ideal for narrow radii. Overall length: 264 mm.



## 1st/2nd. class local coach of the DB AG

Prototype: 1st/2nd. class local coach, type ABn 417.4 of the Deutsche Bahn AG (DB AG). Current operating condition. Service: Just like the local passenger trains, commuter traffic.

Model: Original "silver fish coach" but in the current traffic red design of the DB AG. Equipped for installation of interior lighting. Overall length: 303 mm.



54415







RRP € 25.25

1:100 45008







RRP € 33.20

1:100 45009







€ 33.20

45880







**RRP** € 56.50







**№** 64211







45881







64318





RRP € 59.90

#### Local control cab coach of the DB AG

Prototype: 2nd class control cab coach, type Bybdzf 482.1 of the Deutsche Bahn AG (DB AG). Current operating condition. Service: Regional and local traffic.

Model: Complete new construction. DC version of the "Wittenberg" head in traffic red design of the DB AG. Equipped for installation of interior lighting. With triple headlights and 2 red tail lights. Overall length: 303 mm.



#### Local control cab coach of the DB AG

Prototype: 2nd class control cab coach, type Bybdzf 482.1 of the Deutsche Bahn AG (DB AG). Current operating condition. Service: Regional and local traffic.

Model: Complete new construction. AC version of the "Wittenberg" head in traffic red design of the DB AG. Equipped for installation of interior lighting. With triple headlights and 2 red tail lights. Overall length: 303 mm.



#### 2nd. class local coach of the DB AG

Prototype: Local coach, type Bn 447.4 of the Deutsche Bahn AG (DB AG). Current operating condition.

Service: fast and local passenger trains, commuter traffic.

Model: Just like the original "silver fish coach" but in the current traffic red design of the DB AG.

Equipped for installation of interior lighting. Overall length: 303 mm.



#### 2nd class local coach, DB AG

Prototype: 2nd calss local coach type Bn 447.4 of the German Railway AG (DB AG).

Operation condition: Up-to-date. Service: Stopping trains, push pull trains, for local traffic.

Model: Reissue model on the base of the "Silberling", in traffic red Re-Design of the DB AG, with modified running numbers. Equipped for interior lighting. Overall length: 303 mm.



# 4 piece set of passenger coaches, ÖBB SPECIAL

The prototype is a local passenger train of the Austrian Railways (ÖBB) consisting of three 2nd class "Spanten" wagons and one 2nd class "Spanten" wagon with luggage compartment. In operation condition of the mid 70s. Highly detailed appearance of all models with different running numbers and in blue-beige livery. Prepared for interior lighting. Overall length: 154 mm and 144 mm.



# 2nd class "Spanten"wagon, ÖBB

4-axle "Spanten"wagon with corridor connections. Operating condition: 1960s. Overall length: 240 mm.



## 2nd class "Spanten"wagon, ÖBB

4-axle "Spanten" wagon with corridor connections and changed running/road number. Operating condition: 1960s. Overall length: 240 mm.



# Luggage wagon, ÖBB

4-axle luggage wagon with corridor connections. Goes perfectly well with the models of the article nos. 64260 and 64261. Operating condition: 1960s. Overall length: 240 mm.



#### 64009







#### 64260







RRP € 47.90

#### 64261





RRP € 47.90

# 64262







RRP € 47.90

BIIB



RRP € 31.80

64241





RRP € 31.80

64242





RRP € 31.80

64243





RRP € 31.80

# 2nd class passenger coach, type N28, of the ÖBB

 $Prototype: 2nd\ class\ passenger\ coach,\ type\ N28\ of\ the\ Austrian\ Federal\ Railways\ (\ddot{O}BB).\ Operating\ condition:\ around\ 1968.$ 

Service: Branch line trains.

Model: Finely detailed complete new construction. Version with complete windows. Equipped for installation of interior lighting. Overall length: 156 mm.



## 2nd class passenger car, type N28

From 1928 onwards, BBÖ modernized its passenger car fleet by using newly designed 2-axle passenger cars, which were also simply described as Type N28. This model version has full windows and a changed road/running number. Operating condition: around 1968. Overall length: 156 mm.



# 2nd class passenger car, type N28, ÖBB

From 1928 on, BBÖ (Austrian railways) updated its passenger car fleet by newly-designed two-axle cars which were simply designated type N28. This is a model of a car with half-windows which were fitted to some of these cars in the course of modernization work. Operating condition: around 1968. Overall length: 156 mm.



# 2nd class passenger car, type N28, ÖBB

From 1928 onwards, BBÖ modernized its passenger car fleet by introducing newly-designed 2-axle passenger cars, which were also simply described as Type N28. The model comes with half-windows and changed road/running number.

Operating condition: around 1968. Overall length: 156 mm.



## Baggage car, type N28, ÖBB

In the course of modernization the ÖBB introduced this new baggage car. Operating condition: around 1968. Overall length: 156 mm. Operating condition: around 1968. Overall length: 156 mm.



# Post/mail car, type N28, ÖBB

The Austrian postal services, too, made use of the new type N28 post/mail car. This was operated by the ÖBB as a private car. Operating condition: around 1968. Overall length: 156 mm.



# 2nd class "Spanten" wagon, ÖBB

Prototype: 2nd class local passenger coach of the Austrian Railways (ÖBB). Operation condition: 1980s.

Service: Passenger trains on main and branch lines.

Model: Finely detailed appearance in "Jaffa"livery. Overall length: 240 mm.



# 2nd class "Spanten" wagon, ÖBB

Prototype: 2nd class local passenger coach of the Austrian Railways (ÖBB). Operation condition: 1980s.

Service: Passenger trains on main and branch lines.

Model: Finely detailed appearance in "Jaffa"livery. Overall length: 240 mm.



64244







RRP € 31.80

64245







**RRP** € 31.80

64263







64264







RRP € 52.90





RRP € 54.90

45840





RRP € 52.90

64786





RRP € 52.90

64787





RRP € 52.90

## "Spanten" luggage wagon, ÖBB

Prototype: Spanten luggage wagon of the Austrian Railways (ÖBB). For local traffic. Operation condition: 1980s. Service: Passenger trains on main and branch lines. Model: Finely detailed appearance in "Jaffa"livery. Overall length: 230 mm.



## 2nd class "Schlieren"wagon, ÖBB

Prototype: 2nd class high capacity coach of the Austrian Railways (ÖBB). Operation condition: 1980s.

Service: Stopping trains, passenger trains, for branch line traffic. Model: Reissue model in "Jaffa"livery with modified running numbers and ivory coloured roof. Equipped for interior lighting. Overall length: 272 mm



# 2nd class national passenger carriage, ÖBB

Prototype: 2nd class high capacity coach of the Austrian Railways (ÖBB), Operation condition: 1990s. Service: Express trains and stopping trains. Due to special agreements: service also in Germany. Model: Finely detailed appearance in "Sparlack" livery. With modified running numbers. Equipped for interior lighting. Overall length: 303 mm.



## 2nd class national passenger carriage, ÖBB

Prototype: 2nd class high capacity coach of the Austrian Railways (ÖBB), before in service as a declassified 1st class coach. Operation condition: 2000s. Service: Stopping trains and passenger trains, in service on branch lines.

Model: Finely detailed appearance in "Sparlack" livery. Equipped for interior lighting. Overall length: 272 mm.



## 1st class national passenger carriage, ÖBB

Prototype: 1st class high capacity coach of the Austrian Railways (ÖBB), Operation condition: 1980s. Service: 1980s. Service: Express trains and stopping trains. Due to special agreements: service also in Germany. Model: Finely detailed appearance in "Jaffa" livery. Equipped for interior lighting. Overall length: 303 mm.



# 1st/2nd class national passenger carriage, ÖBB

Prototype: 1st/2nd class high capacity coach of the Austrian Railways (ÖBB), Operation condition: 1980s. Service: Express trains and stopping trains. Due to special agreements: service also in Germany. Model: Finely detailed appearance in "Jaffa" livery. Equipped for interior lighting. Overall length: 303 mm.



# 2nd class national passenger carriage, ÖBB

Prototype: 2nd class high capacity coach of the Austrian Railways (ÖBB), Operation condition: 1980s. Service: Express trains and stopping trains. Due to special agreements: service also in Germany. Model: Finely detailed appearance in "Jaffa" livery. Equipped for interior lighting. Overall length: 303 mm.



# 2nd class national passenger carriage, ÖBB

Prototype: 2nd class high capacity coach of the Austrian Railways (ÖBB), Operation condition: 1980s. Service: Express trains and stopping trains. Due to special agreements: service also in Germany. Model: Finely detailed appearance in "Jaffa" livery. Equipped for interior lighting. Overall length: 303 mm



64780







RRP € 57.90

64783







RRP € 57.90

64781







64782







**RRP** € 57.90







64784





RRP € 57.90

64756





RRP € 58.90

64010





RRP € 219.00

## 2nd class national passenger carriage with dining compartment, ÖBB

Prototype: 2nd class high capacity coach with dining compartment of the Austrian Railways (ÖBB), Operation condition: 1980s. Service: Express trains and stopping trains. Due to special agreements: service also in Germany.

Model: Finely detailed appearance in "Jaffa" livery. Equipped for interior lighting. Overall length: 303 mm.



# 2nd class national passenger carriage, ÖBB

Prototype: 2nd class high capacity coach of the Austrian Railways (ÖBB), Operation condition: 1980s. Service: Express trains and stopping trains. Due to special agreements: service also in Germany. Model: Finely detailed appearance in "Jaffa" livery. Equipped for interior lighting. Overall length: 303 mm.



# T2S sleeper, ÖBB SPECIAL

Prototype: sleeper type T2S of the Austrian Railways (ÖBB) in blue livery with ÖBB S-logo in operation condition of the 1980s. Complete and highly detailed reconstruction. Realistically distinctive features for different construction types (concerning epoch and railway administration). Prepared for interior lighting. Overall length: 303 mm.





# 3 piece set of double deck wagons, ÖBB SPECIAL

Prototype: two 2nd class double deck wagons and one 2nd class control car of the Austrian Railways (ÖBB) in current operation condition. Service: push pull trains in local traffic. For the first time this model comes in red-grey "weasel" colouring. Prepared for interior lighting. The control car is equipped with functioning white/red light change. Overall length per wagon: 264 mm.



# 2nd class double deck wagon, ÖBB SPECIAL

Prototype: 2nd class double deck wagon of the Austrian Railways (ÖBB) in current operation condition. Service: push pull trains in local traffic. For the first time this model comes in red-grey "weasel" colouring, Prepared for interior lighting, Overall length: 264 mm.



#### T2S sleeper rebuilt version, ÖBB SPECIAL

Prototype: sleeper type T2S of the Austrian Railways (ÖBB), rebuilt version in blue-grey livery. In operation condition of the 1990s. Model: complete and highly detailed reconstruction. Realistically distinctive features for different construction types (concerning epoch and railway administration). Prepared for interior lighting. Overall length: 303 mm.





#### Sleeper upgrade, ÖBB SPECIAL

Prototype: sleeper type T2S of the Austrian Railways (ÖBB) after reworking in current operation condition. In red-grey livery with new ÖBB logo. Complete and highly detailed reconstruction with trap windows in the roof. Prepared for interior lighting. Overall length: 303 mm.





# "City Shuttle" of the ÖBB

The set consists of one 2nd class, control cab coach and two 2nd class coaches in the special "City Shuttle" design, with the modern ÖBB logo. The cab coach has triple headlights / 2 red tail lights co-ordinated with direction of travel. All coaches are equippped for installation of interior lighting. Overall length of each coach: 303 mm. Suitable train loco is the Rh 1142, Art.Nr. 62598 / 68589.



64330

**GBB** 





**RRP** € 69.00

64757







RRP € 58.90

64758







**RRP** € 58.90

64013







**RRP** € 189.00

**ØBB** 





RRP € 57.90

45352

**ØBB** 





RRP € 49.50

45353

**ØBB** 





RRP € 49.50

45355

**GBB** 





RRP € 49.50

## 2nd class local coach "City-Shuttle", ÖBB

Prototype: 2nd class high capacity coach, so called local passenger carriage of the Austrian Railways (ÖBB), in "City-Shuttle" design. Operation condition: Up-to-date. Service: Push and pull trains for the local traffic.

Model: Reissue model with modified running numbers. Equipped for interior lighting. Overall length: 303 mm.



## 1st class, Eurofima coach of the ÖBB

Prototype: Air-conditioned, 1st class compertment coach, type Amz of the Austrian Federal Railways (ÖBB).

Current operating condition. Service: Exprees trains, IC, EC.

Model: Re-release with altered running number, in "Upgrading"-Design with ÖBB emblem.

Euipped for installation of interior lighting. Overall length: 303 mm.



# 1st/2nd class RIC passenger coach of the ÖBB

Prototype: Air-conditioned, 1st /2nd class compertment coach, type ABmz of the Austrian Federal Railways (ÖBB).

Current operating condition. Service: Exprees trains, IC, EC.

Model: Re-release with altered running number, in "Upgrading"-Design with ÖBB emblem. Euipped for installation of interior lighting. Overall length: 303 mm.



## 2nd class RIC passenger coach ÖBB

Prototype: Air-conditioned, 2nd class compertment coach, type Bmz of the Austrian Federal Railways (ÖBB).

Current operating condition. Service: Exprees trains, IC, EC.

Model: Re-release with altered running number, in "Upgrading"-Design with ÖBB emblem.

Euipped for installation of interior lighting. Overall length: 303 mm.



## 2nd. class RIC passenger coach of the ÖBB

Prototype: Air-conditioned, 2nd class compertment coach, type Bmz of the Austrian Federal Railways (ÖBB).

Current operating condition. Service: Exprees trains, IC, EC.

Model: Re-release with altered running number, in "Upgrading"-Design with ÖBB emblem.

Euipped for installation of interior lighting. Overall length: 303 mm.



## 2nd class modular wagon, ÖBB

Prototype: 2nd class high capacity coach for passenger trains type Bmpz of the Austrian Railways (ÖBB).

Operation condition: Up-to-date. Service: Express trains, IC, EC.

Model: Finely detailed appearance in "Upgrading" design with ÖBB inscription. Grading in "Frutiger"script. New running numbers. Equipped for interior lighting. Overall length: 303 mm.



# 2nd class modular wagon, ÖBB

Prototype: 2nd class high capacity coach for passenger trains type Bmpz of the Austrian Railways (ÖBB).

Operation condition: Up-to-date. Service: Express trains, IC, EC.

Model: Finely detailed appearance in "Upgrading" design with ÖBB inscription. Grading in "Frutiger"script. New running numbers. Equipped for interior lighting. Overall length: 303 mm.



## 2nd class RIC-passenger carriage "Kinderkino" "Cinema for kids", ÖBB

Prototype: Air-conditioned 2nd class passenger carriage type Bmz of the Austrian Railways (ÖBB), with "cinema for kids" compartment. Operation condition: Up-to-date. Service: Express trains, IC, EC.

Model: Finely detailed appearance in "Upgrading"-design and ÖBB inscription. Equipped for interior lighting. Overall length: 303 mm.



45838

**GBB** 





RRP € 49.50

45503







RRP € 62.90

45839







RRP € 62.90

45841







**RRP** € 52.90







RRP € 54.90

45095





RRP € 38.50

45096





RRP € 38.50

64040







RRP € 104.00

## 2nd class passenger carriage, ÖBB

Prototype: 2nd class compartment car (former Interregio carriage of the DB AG), in light grey-black livery. DB AG hire carriage for the Austrian Railways (ÖBB). Operation condition: Up-to-date. Service: Express trains, IC. Model: Finely detailed appearance. Equipped for interior lighting. Suits perfectly to your EUROFIMA-wagons in "Upgrade"livery. Overall length: 303 mm.



## 1st /2nd class coach of the Seetalbahn of the SBB

Suitable model to go with 45096 and train loco 63898 / 69898.



#### 2nd class coach of the Seetalbahn of the SBB

Suitable model to go with 45095 and train loco 63898 / 69898.



## 2 piece set of sleepers, SBB

 $Prototype: Two \ sleepers \ type \ Eurofima \ of the \ Swiss \ Railways \ (SBB/CFF/FFS). \ Operation \ condition: \ 1980s.$ 

Service: High quality international passenger transportation.

Model: Reissue model in blue livery. Finely detailed appearance. Equipped for interior lighting. Overall length per wagon: 303 mm.



## Set of T2S sleepers, SBB

Prototype: two sleepers type T2S of the Swiss Railways (SBB/CFF/FFS). Comes in original blue livery in operation condition of the 1970s. Model: complete and highly detailed reconstruction. Realistically distinctive features for different construction types (concerning epoch and railway administration). Prepared for interior lighting. Overall length per wagon: 303 mm.



#### 2nd class couchette coach of the SBB

Prototype: Couchette coach, type Eurofima of the Swiss Federal Railways (SBB/CFF/FFS). Current operating condition. Service: Night trains. Model: Re-release in blue / black livery with different running number. Equipped for installation of interior lighting. Overall length: 303 mm.



## 2nd class EC high capacity coach, SBB

Prototype: 2nd class high capacity coach type Bpm of the Swiss Railways (SBB/CFF/FFS).

Operation condition: Up-to-date. Service: EC, IC, RegioExpress.

Model: Reissue model with finely detailed appearance and modified running numbers. Equipped for interior lighting. Overall length: 303 mm.



64027









**RRP** € 118.00

44976







RRP € 49.90

64257







RRP € 54.90







RRP € 52.20

45329





RRP € 64.90

64258





RRP € 58.90

45156





RRP € 40.00

## SBB long-distance passenger train 1st class car

Prototype: 1st class saloon wagon type Apm of the Swiss Railways (SBB/CFF/FFS). Current operation condition. Service: EC, IC, express trains. Model: Re-released model with modified running number. Prepared for interior lighting. Overall length: 303 mm.



#### Restaurant coach EW IV of the SBB

Prototype: Restaurant coach, type EW IV of the Swiss Federal Railways (SBB/CFF/FFS). Current operating condition. Service: Passenger trains, Commuter trains, EC.

Model: Re-release in classic red/ white livery with different running number for the International EuroCity traffic. Equipped for installation of interior lighting. Overall length: 303 mm.



#### 2nd class passenger carriage EW IV, SBB

Prototype: 2nd class high capacity coach type EW IV of the Swiss Railways (SBB/CFF/FFS).

Operation condition: 2000s. Service: Passenger trains, commuter trains.

 $Model: Reissue\ model\ in\ grey-green\ livery\ with\ modified\ running\ numbers.\ Equipped\ for\ interior\ lighting.\ Overall\ length:\ 303\ mm.$ 



#### Sleeper car, SBB

1:100

Sleeper car model, scale 1:100, comes in the "Moon and stars" design of the SBB, the Swiss Federal Railroad Company.



## 2nd class passenger carriage EW IV, BLS

Prototype: 2nd class high capacity coach type EW IV of the Bern-Lötschberg-Simplon Railways (BLS).

Operation condition: Up-to-date. Service: Passenger trains.

Model: Reissue model in BLS livery with modified running numbers. Bogie with antirolling device. Equipped for interior lighting. Overall length: 303 mm.



## 1st class passenger carriage, type EW IV, BLS

Prototype: 1st class saloon wagon type EW IV of the Lötschberg Railways AG (BLS). Current operation condition. Service: passenger trains. Model: Comes in BLS livery. Bogie with antirolling device. Prepared for interior lighting. Overall length: 303 mm.



## 2nd class passenger carriage, type EW IV, BLS

Prototype: 2nd class saloon wagon type EW IV of the Lötschberg Railways AG (BLS). Current operation condition. Service: passenger trains. Model: Comes in BLS livery. Bogie with antirolling device. Prepared for interior lighting. Overall length: 303 mm.



## **UIC-Y-wagon of the SNCF**

Prototype: 2nd class compartment wagon type Y B10 of the French State Railway (SNCF). Former sleeper with high roof. Operation condition: 1990s. Service: Turnus traffic, express trains and stopping trains.



64259







RRP € 58.90

45319







RRP € 67.50

45321







45589







RRP € 53.90

SNEF



RRP € 63.30

45747

SNEF



RRP € 63.30

45748





RRP € 63.30

45749





RRP € 63.30

## 1rst/2nd class Corail passenger carriage, SNCF

Prototype: 1st/2nd class compartment wagon type A4B6 of the French State Railways (SNCF). Operation condition: around 2000. Service: express trains. Model: Authentic detailed appearance in "Corail+" livery with "cap" logo. Prepared for interior lighting. Overall length: 303 mm.



#### 2nd class Corail-passenger carriage with luggage compartment, SNCF

Prototype: 2nd class compartment wagon with luggage compartment type B6Dd of the French State Railways (SNCF). Operation condition: around 2000. Service: express trains. Model: Authentic detailed appearance in "Corail+" livery with "cap" logo. Prepared for interior lighting. Overall length: 303 mm.



## 1st/ 2nd class Corail coach of the SNCF

Model with the Spagetti-Logo of the French State Railways (SNCF) in Epoch V.



## 2nd class Corail coach with baggaeg compartment of the SNCF

Model with the Spagetti-Logo of the French State Railways (SNCF) in Epoch V.



## 3 piece set of night trains, SNCF

Prototype: Three sleepers construction type UIC-Y of the French State Railway (SNCF). Operation condition: 1990s.

Service: Night trains and for the Turnus traffic.

Model: Reissue model with high roof and modified running numbers, also with cap logo. With train destination plate to winter sport resorts: Paris - Bourg St.Maurice. Equipped for interior lighting. Overall length per wagon: 285 mm.







## **UIC-Y-Sleeper of the French State Railway SNCF**

Prototype: Sleeper type Y Bc10 of the French State Railway (SNCF). Operation condition: 1990s. Finely detailed appearance with high roof. Service: Turnus traffic, night trains

 $Model: Reissue\ model\ with\ modified\ running\ number\ and\ cap\ logo.\ Equipped\ for\ interior\ lighting.\ Overall\ length\ 282,5\ mm.$ 



## Sleeper type U-Hansa of the SNCF

Prototype: Sleeper type U-Hansa from the TEN poos of the French State Railway (SNCF). Operation condition: 1980s. Service: Night trains. Model: Reissue model with modified running numbers and frame-logo. Equipped for interior lighting. Overall length: 289 mm.



64047







RRP € 164.00

45307







RRP € 53.90

45608







RRP € 53.90

SNEF



RRP € 49.50

64288





RRP € 39.80

64289





RRP € 39.80

45828

**CFR** 



RRP € 55.90

#### 2nd class Corail coach of the SNCF

Model with the Spagetti-Logo of the French State Railways (SNCF) in Epoch V.



## 2nd class compartment wagon, SNCB

SPECIAL

Prototype: 2nd class compartment wagon, 3-axled former Prussian construction type, of the Belgian State Railway (SNCB/NMBS). Operation condition: around 1960. Service: passenger trains. Finely detailed appearance without brakeman's cab. Prepared for interior lighting. Overall length: 150 mm.



#### 1st/2nd class compartment wagon, SNCB

SPECIAL

Prototype: 1st/2nd class compartment wagon, 3-axled former Prussian construction type, of the Belgian State Railway (SNCB/NMBS). Operation condition: around 1960. Service: passenger trains. Finely detailed appearance without brakeman's cab. Prepared for interior lighting. Overall length: 150 mm.



## Sleeper, CFR

Prototype: Sleeper WLABmee, series 71-31 of the Rumanian State Railway (CFR). Operation condition: approx. 2003s. Service: Night trains. Model: Finely detailed appearance. Equipped for interior lighting. Overall length: 303 mm



#### 3-piece set of passenger wagons, CFL

Corail in Luxembourg For the international traffic the Luxemburgische Staatseisenbahnen (CFL) took over a small number of French Corail wagons of the series AB (1st and 2nd class) and B (2nd class), which were painted in the pleasing French Corail+ livery. For the international traffic this was necessary to equalize the kilometer balance. The train enrollment into the Luxembourg's Railway and the CFS logo set them apart from their French brothers. The wagons which were all made ready for international operation were mainly used for express trains to France and Belgium however in EC-service they also reached Switzerland.





## Passenger coach set "Blokkendoos" of the NS

Prototype: Two 3rd. class compartment coaches of the Dutch railways (NS). Operating condition: around 1960. Service: Local traffic as extension to the "Blokkendoos" multiple units. Model: Finely detailed new construction of the centre coaches with different running numbers. Equipped for installation of interior lighting. Overall length of each coach: 229 mm.



## Set of passenger wagons "Blokkendoos", NS

Prototype: Two different passenger wagons of the Netherland Railways (NS). Operation condition: 1970s. Service: Local traffic. Model: Reissue model with modified running numbers. Equipped for interior lighting. Overall length per wagon: 229 mm.



#### T2S sleeper, NS

Prototype: sleeper type T2S of the Netherlands Railways (NS) in blue "TEN" livery in operation condition of the 1980s. Complete and highly detailed reconstruction. Realistically distinctive features for different construction types (concerning epoch and railway administration). Prepared for interior lighting. Overall length: 303 mm.





64026







**RRP** € 199.00

64008







**RRP** € 104.00

64021







**RRP** € 114.00

64759







**RRP** € 58.90







RRP € 39.90

44244







RRP € 39.90

44297







RRP € 39.90

44242







RRP € 39.90

## 2nd class passenger carriage Plan D, NS

 $Prototype: 2nd\ class\ compartment\ car\ type\ Plane\ D\ with\ 8\ compartments\ of\ the\ Neatherland\ Railways\ (NS).$ 

Operation condition: 1970s. Service: Express trains.

Model: Authentic appearance with blue livery and NS-logo. Equipped for interior lighting. Overall length: 258 mm.



#### 2nd class passenger carriage Plan D, NS

Prototype: 2nd class compartment car type Plane D with 9 compartments of the Neatherland Railways (NS).

Operation condition: 1970s. Service: Express trains.

Model: Authentic appearance with blue livery and NS-logo. Equipped for interior lighting. Overall length: 258 mm.



## Dining wagon Plan D, NS

Prototype: Dining wagon type Plane D of the Neatherland Railways (NS). Operation condition: 1970s. Service: Express trains. Model: Authentic appearance with blue livery and NS-logo. Equipped for interior lighting. Overall length: 258 mm.



#### 1st class passenger carriage Plan D, NS

Prototype: 1st class compartment car type Plane D of the Neatherland Railways (NS). Operation condition: 1970s. Service: Express trains. Model: Authentic appearance with blue livery and NS-logo. Equipped for interior lighting. Overall length: 258 mm.



## T2S sleeper, NS SPECIAL

Prototype: sleeper type T2S of the Netherlands Railways (NS) in blue "TEN" livery in operation condition of the 1980s. Complete and highly detailed reconstruction. Realistically distinctive features for different construction types (concerning epoch and railway administration). With modified running number. Prepared for interior lighting. Overall length: 303 mm.





## 1st class passenger coach of the NS

Prototype: 1st class compartment coach, type ICK (ex express coach Bm 235 of the DB AG) of the Dutch Railways (NS). Current operating condition. Service: National expresses.

Model: Altered interior fittings. Authentic appearance in blue/ yellow livery. Equipped for installation of interior lighting. Overall length: 303 mm.



# 2nd class passenger coach ICK of the NS

Prototype: 2nd class compartment coach, type ICK (ex express coach Bm 235 of the DB AG) of the Dutch Railways (NS). Current operating condition. Service: National expresses..

Model: Altered interior fittings. Authentic appearance in blue/ yellow livery. Equipped for installation of interior lighting. Overall length: 303 mm.



#### 2nd class passenger coach ICK of the NS

Prototype: 2nd class compartment coach, type ICK (ex express coach Bm 235 of the DB AG) of the Dutch Railways (NS). Current operating condition. Service: National expresses.

Model: Altered interior fittings. Authentic appearance in blue/ yellow livery. Equipped for installation of interior lighting. Overall length: 303 mm.



64760







RRP € 58.90

64320







RRP € 56.50

64321







RRP € 56.50

64322







RRP € 56.50





RRP € 51.80

64339





RRP € 45.90

64340





RRP € 45.90

64341





RRP € 45.90

#### 2nd class passenger coach of the FS

Prototype: 1st/2nd class compartment wagon type ABIcrz 50-318, series 50000 of the Italian State Railway (FS). Operation condition: 1930s. Service: express trains. Model: Finely detailed appearance of the wagons, series 50000. In dark green livery. Prepared for interior lighting. Overall length: 242 mm.



## 3rd class "Centoporte" passenger coach, FS SPECIAL

The prototype is a 3rd class compartment wagon series 36.000 "Centoporte" of the Italian State Railway (FS) in operation condition of the 1930s. Service: express and stopping trains. Model: Finely detailed appearance in original green livery. Prepared for interior lighting. Overall length: 205 mm.



# 3rd class "Centoporte" passenger coach, FS SPECIAL

The prototype is a 3rd class compartment wagon series 36.000 "Centoporte" of the Italian State Railway (FS) in operation condition of the 1930s. Service: express and stopping trains. Model: Finely detailed appearance in original green livery and with modified running number. Prepared for interior lighting. Overall length: 205 mm.



# 1st/2nd/3rd class "Centoporte" passenger coach, FS SPECIAL

The prototype is a compartment wagon containing three classes, series 36.000 "Centoporte" of the Italian State Railway (FS) in operation condition of the 1930s. Service: express and stopping trains. Model: Finely detailed appearance in original green livery. Prepared for interior lighting. Overall length: 205 mm.



## 1st class UIC-X express wagon, FS

Prototype: 1st class compartment car type series UIC-X of the Italian State Railway (FS). Operation conditions: 1970s and 1980s. Service: International express trains. Model: Finely detailed appearance in "Ardesia" grey livery with "Televisore"-logo and comes with running numbers for the international rail traffic. Equipped for interior lighting. Overall length: 303 mm



## 2 piece set of UIC-X express wagons, FS

Prototype: One 1st/2nd class and one 2nd class compartment wagon series UIC-X of the Italian State Railway (FS). Operation condition: 1970s. Service: For international express trains. Model: Finely detaile appearance in grey "Ardesia"livery, with "Televisore" logo and grey doors. New running numbers for the international traffic. Equipped for interior lighting. Overall length per wagon: 303 mm.



#### 2nd class UIC-X express wagon, FS

Prototype: 2nd class compartment car type series UIC-X of the Italian State Railway (FS). Operation conditions: 1970s and 1980s.

Service: International express trains. Model: Finely detailed appearance in "Ardesia" grey livery with "Televisore"-logo and comes with running numbers for the international rail traffic. Equipped for interior lighting. Overall length: 303 mm.



#### 2nd class UIC-X express wagon, FS

Prototype: 2nd class compartment car type series UIC-X of the Italian State Railway (FS). Operation conditions: 1970s and 1980s. Service: International express trains. Model: Finely detailed appearance in "Ardesia" grey livery with "Televisore"-logo, with brass-coloured doors and running numbers for the international rail traffic. Equipped for interior lighting. Overall length: 303 mm.



45826







RRP € 54.90

64037







RRP € 109.00

45827







45825

€ 54.90







RRP € 56.90







RRP € 169.00

64044







**RRP** € 199.00

> 64753 64754









## 3 piece set of UIC-X express wagons, FS

Prototype: 1st class, 1st/2nd class and 2nd class compartment cars type series UIC-X of the Italian State Railway (FS).

Operation condition: 1980s. Service: International express trains.

Model: Finely detailed appearance in red-grey "Rosso-Fegato" livery and with "Inclinato" logo. Doors in wagon livery. New running numbers for international traffic. Equipped for interior lighting. Overall length per wagon: 303 mm.



## 3 piece express train wagon set, RENFE

Prototype: three express train wagons type "Corail Vtu" of the Spanish National Railways (RENFE) in operation condition of the 1980s. Due to a lack of wagons, the RENFE rented the Corail wagons from the SNCF and simply pasted their logo over the French one. All models are finely detailed and come with different running numbers. Prepared for interior lighting. Overall length per wagon: 303 mm.



#### T2S TRENO NOTTE sleeper, FS SPECIAL

Prototype: sleeper type T2S of the Italian State Railway (FS). Operation condition: around 2000. Comes in "TRENO NOTTE" livery. Model: complete reconstruction. Realistically distinctive features for different construction types (concerning epoch and railway administration). Prepared for interior lighting. Overall length: 303 mm.





## 3 piece set of sleepers, RENFE

Prototype: Three sleepers in Estrella livery of the Spanish National Railways (RENFE). Operation condition: 1980s. Service: Night trains. Model: Finely detailed appearance. Equipped for interior lighting. Overall length per wagon: 303 mm.





## 1st class UIC-X express wagon, RENFE

Prototype: 1st class compartment car series UIC-X of the Spanish National Railways (RENFE).

Operation condition: 1970s. Service: Express trains.

Model: Finely detailed appearance in green livery. Equipped for interior lighting. Overall length: 303 mm.



## 2nd class UIC-X express wagon, RENFE

Prototype: 2nd class compartment car series UIC-X of the Spanish National Railways (RENFE).

Operation condition: 1970s. Service: Express trains.

Model: Finely detailed appearance in green livery. Equipped for interior lighting. Overall length: 303 mm.



64043







RRP € 179.00

64500







RRP € 57.90

64501







RRP € 57.90







RRP € 57.90

64035





RRP € 199.00

64036







RRP € 134.00

64034

DSB





RRP € 179.00

#### 1st class UIC-X express wagon, RENFE

Prototype: 2nd class compartment car series UIC-X of the Spanish National Railways (RENFE).

Operation condition: 1970s. Service: Express trains.

Model: Finely detailed appearance in green livery. With modified running numbers. Equipped for interior lighting. Overall length: 303 mm.



## 3 piece express train wagon set, CP SPECIAL

Prototype: express train wagons type Vtu, INOX version, of the Portuguese State Railway (CP) in operation condition of the 1980s. The set consists of one 1st class saloon wagon, one 1st class saloon wagon with bar compartment and one 2nd class saloon wagon without coloured window strips. All models are finely detailed and come with different running numbers. Prepared for interior lighting. Overall length per wagon: 303 mm. Suitable addition for set item no 64036.



# 2 piece express train wagon set, CP SPECIAL

Prototype: express train wagons type Vtu, INOX version, of the Portuguese State Railway (CP) in operation condition of the 1980s. The set consists of one 1st class saloon wagon and one 2nd class saloon wagon without coloured window strips. All models are finely detailed and come with different running numbers. Prepared for interior lighting. Overall length per wagon: 303 mm. Suitable addition for set item no 64035.



#### 3 piece set of sleepers, DSB

Prototype: Three sleepers of the Danish State Railway (DSB). Operation condition: 1980s. Service: Night trains and special trains to winter sport destinations. Model: Finely detailed appearance in blue-red DSB livery. Equipped for interior lighting. Overall length per wagon: 303 mm.



## 1st class passanger carriage, SJ

Prototype: 1st class high capacity coach of the Swedish State Railway (SJ). Operation condition: Up-to-date. Service: Express trains. Model: Finely detailed appearance in brand new black livery. Equipped for interior lighting. Overall length: 303 mm



## 2nd class passanger carriage, SJ

Prototype: 2nd class high capacity coach of the Swedish State Railway (SJ). Operation condition: Up-to-date. Service: Express trains. Model: Finely detailed appearance in brand new black livery. Equipped for interior lighting. Overall length: 303 mm.



#### 2nd class passanger carriage, SJ

Prototype: 2nd class high capacity coach of the Swedish State Railway (SJ). Operation condition: Up-to-date. Service: Express trains. Model: Finely detailed appearance in brand new black livery. With modified running numbers. Equipped for interior lighting. Overall length: 303 mm.











RRP € 54.90

45816







RRP € 54.90

45817







RRP € 54.90

DSB





RRP € 58.90

45565





RRP € 39.90

64295





RRP € 28.90

64296





RRP € 28.90

#### T2S sleeper, DSB SPECIAL



Prototype: sleeper type T2S of the Danish State Railway (DSB). Comes in blue "TEN" livery in operation condition of the late 1980s. Complete and highly detailed reconstruction. Realistically distinctive features for different construction types (concerning epoch and railway administration). Prepared for interior lighting. Overall length: 303 mm.





## 2nd class passenger wagon, PKP

Prototype: 2nd class passenger wagon (ex Bavarian State Railway) of the Polish State Railway (PKP).

Operation condition. 1970s. Service: For passenger trains.

Model: Authentic and finely detailed appearance. Equipped for interior lighting. Overall length: 150 mm.



## 2nd class passenger carriage, PKP

Prototype: 2nd class passenger carriage (ex DRG Donnerbüchse) of the Polish Sate Railway (PKP).

Operation condition: 1970s, Service: Passenger transportation.

Model: Finely detailed and original appearance. Equipped for interior lighting. Overall length: 160 mm.



#### 2nd class passenger carriage, PKP

Prototype: 2nd class passenger carriage (ex DRG Donnerbüchse) of the Polish Sate Railway (PKP).

Operation condition: 1970s, Service: Passenger transportation.

Model: Finely detailed and original appearance. Equipped for interior lighting. Overall length: 160 mm.



## 2nd class passenger wagon, PKP

Prototype: 2nd class passenger wagon (ex bavarian express wagon) of the Polish State Railway (PKP).

Operation condition: 1960s. Service: Passenger trains and stopping trains.

Model: Authentic and finely detailed appearance. Equipped for interior lighting. Overall length: 220 mm.



## 1st class passenger train car used by the PKP

Compartment car of Prussian construction and design



#### 1rst class express train wagon, PKP

Prototype: 1st class compartment wagon (former East Railway wagon of the SNCF) of the Polish State Railway (PKP). Operation condition: 1960s. Service: express trains. Model: Finely detailed appearance. Prepared for interior lighting. Overall length: 270 mm.



## 2nd class express train wagon, PKP

Prototype: 2nd class compartment wagon (former East Railway wagon of the SNCF) of the Polish State Railway (PKP). Operation condition: 1960s. Service: express trains. Model: Finely detailed appearance. Prepared for interior lighting. Overall length: 270 mm.



45588

PKP





RRP € 89.00

45535

PKP





RRP € 37.65

45132

PKP





RRP € 50.60

45133

PKP





RRP € 50.60





RRP € 49.00

64817





RRP € 49.00

64818





RRP € 49.00

64819





**RRP** € 49.00

## 2nd class passenger carriage, PKP SPECIAL

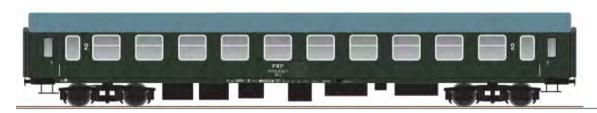
Prototype: 2nd class compartment car construction type Y-B/70 of the Polish State Railway (PKP) in green livery. Operation condition: 1970s and 1980s. Service: Express trains and stopping trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



## 2nd class passenger carriage, PKP

SPECIAL

Prototype: 2nd class compartment car construction type Y-B/70 of the Polish State Railway (PKP) in green livery. Operation condition: 1970s and 1980s. Service: Express trains and stopping trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



#### 2nd class passenger carriage, PKP SPECIAL

Prototype: 2nd class compartment car construction type Y-B/70 of the Polish State Railway (PKP) in green-grey livery. Operation condition: 1990s. Service: Express trains and stopping trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm



#### 2nd class passenger carriage, PKP SPECIAL

Prototype: 2nd class compartment car construction type Y-B/70 of the Polish State Railway (PKP) in green-grey livery. Operation condition: 1990s. Service: Express trains and stopping trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. With modified running numbers. Equipped for interior lighting. Overall length: 282,5 mm.



#### SPECIAL

Prototype: Sleeping car construction type Y-B/70 of the Polish State Railway (PKP) in blue livery. Operation condition: 1990s. Service: Night trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



#### SPECIAL

Prototype: Sleeping car construction type Y-B/70 of the Polish State Railway (PKP) in blue livery. Operation condition: 1990s. Service: Night trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



## 3rd class compartment coach of the CSD

Prussian construction type compartment coach, without brakeman's cab, of the CSD.



## 2nd./ 3rd. class compartment coach of the CSD

Prussian style 2nd/ 3rd class compartment coach, with brakeman's cab of the CSD.



64820

PKP





RRP € 49.00

64821

PKP





RRP € 49.00

64283

ČSD





64284







RRP € 34.50





RRP € 39.80

64805







RRP € 49.90

64806







RRP € 49.90

64807







**RRP** € 49.00

#### 3rd class passenger coach of the CSD

Prototype: 3rd class passenger coach of the Czechoslovakian State Railway (ČSD). Operation condition: late 1950s. Service: passenger trains. Model: Finely detailed and authentic appearance. Prepared for interior lighting. Overall length: 160 mm.



## 1st class passenger carriage, CSD

Prototype: 1st class compartment car construction type Y-B/70 of the Czechoslovakian State Railway (CSD) in original green livery. Operation condition: 1980s. Service: Express trains and stopping trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



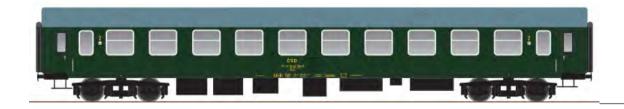
## 2nd class passenger carriage, CSD SPECIAL

Prototype: 2nd class compartment car construction type Y-B/70 of the Czechoslovakian State Railway (CSD) in original green livery. Operation condition: 1980s. Service: Express trains and stopping trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. With modified running numbers. Equipped for interior lighting. Overall length: 282,5 mm.



#### 2nd class passenger carriage, CSD SPECIAL

Prototype: 2nd class compartment car construction type Y-B/70 of the Czechoslovakian State Railway (CSD) in original green livery. Operation condition: 1980s. Service: Express trains and stopping trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. With modified running numbers. Equipped for interior lighting. Overall length: 282,5 mm.



## 2nd class passenger carriage with luggage compartment, CSD SPECIAL

Prototype: 2nd class compartment car with luggage compartment, construction type Y-B/70 of the Czechoslovakian State Railway (CSD) in original green livery. Operation condition: 1980s. Service: Express trains and stopping trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



## Sleeping car, CSD

SPECIAL

Prototype: Sleeping car construction type Y-B/70 of the Czechoslovakian State Railway (CSD) in green livery. Operation condition: 1980s. Service: Night trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



#### Sleeping car, CSD SPECIAL

Prototype: Sleeping car construction type Y-B/70 of the Czechoslovakian State Railway (CSD) in blue livery. Operation condition: 1980s. Service: Night trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



## "Schlieren" wagon set, GYSEV Raaberbahn

Prototype: Two different 2nd class high capacity coaches of the GYSEV Raaberbahn. Operation condition: Up-to-date. Service: Local traffic. Model: Finely detailed appearance. Up-to-date operation condition. Different running numbers. Equipped for interior lighting. Overall length per coach: 272 mm.



64808





**RRP** € 49.00

64809







RRP € 49.00

64810







€ 49.00

64023

**PRIVAT** 





**RRP** € 104.00





RRP € 49.00

64811







RRP € 49.90

64812







RRP € 49.90

64814







RRP € 49.90

#### Sleeping car, MAV SPECIAL

Prototype: Sleeping car construction type Y-B/70 of the Hungarian State Railway (MAV) in light grey-blue livery. Operation condition: 1980s. Service: Night trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. With modified running numbers. Equipped for interior lighting. Overall length: 282,5 mm.



# 1st class passenger carriage, MAV

Prototype: 1st class compartment car construction type Y-B/70 of the Hungarian State Railway (MAV) in light grey-blue livery. Operation condition: 1980s. Service: Express trains and stopping trains.

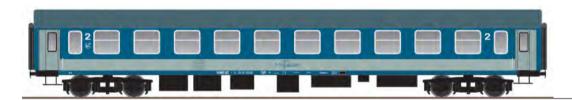
Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



#### 2nd class passenger carriage, MAV

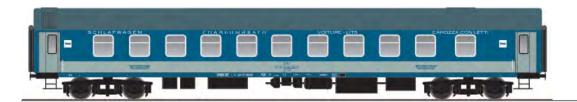
Prototype: 2nd class compartment car construction type Y-B/70 of the Hungarian State Railway (MAV) in light grey-blue livery. Operation condition: 1980s. Service: Express trains and stopping trains.

Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.



#### Sleeping car, MAV

Prototype: Sleeping car construction type Y-B/70 of the Hungarian State Railway (MAV) in light grey-blue livery. Operation condition: 1980s. Service: Night trains. Model: Finely detailed and complete new construction. Construction corresponds exactly to the different railway Epochs of the railway administration. Equipped for interior lighting. Overall length: 282,5 mm.





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RRP € 26.90

#### 46385





RRP € 24.00

#### 66031





RRP € 63.30

## 66052





**RRP** € 111.00

# Open goods wagon, DRG SPECIAL



Prototype: 2-axled open goods wagon with stakes of the German State Railway (DRG) in operation condition of the 1930s. Service: transportation of goods resistant to any weather conditions. Model: Finely detailed appearance in brown livery. The stakes come with finely detailed chain replications. Overall length: 132 mm.



## Heavy transporter wagon of the DRG

Prototype: 4 axled heavy transporter wagon, with stakes of the Deutsche Reichsbahn Company (DRG). Operating condition: 1930's. Service: Transport of heavy motor vehicles. Model: Finely detailed appearance with brakeman's platform. Overall length: 124mm



## 3 piece set: Ballast wagon, DRG

Prototype: Three ballast wagons, type Talbot of the Deutsche Reichsbahn (DR). Operating condition: 1930's. Service: Transport of ballast. Model: Finely detailed appearance in brown livery with ballast load inserts and different running numbers. Overall length per wagon: 79 mm.



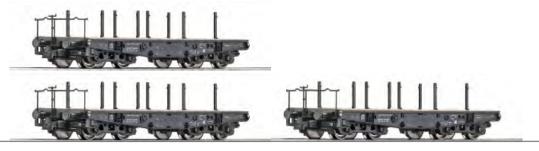
## 4 piece set: Self-unloading hopper wagon, DRG

Prototype: Four hopper wagons, type Oldenburg of the Deutsche Reichsbahn Company (DRG). Operating condition: 1930's. Service: Transport of coal, coke and minerals. Model: Finely detailed appearance in brown livery with different running numbers. Overall length per wagon: 114 mm.



# 3 piece set of heavy duty wagons, DRG SPECIAL

Prototype: 4-axled heavy duty wagons, type "Köln" of the German State Railway (DRG). in operation condition of the late 30s. Service: transportation of heavy duty goods such as tanks or machine parts. All models of this set are finely detailed and equipped with different running numbers. Overall length per wagon: 124 mm.



## 8 part goods wagon set

Prototype: 8 different goods wagons of the Deutsche Bundesbahn (DB). Operating condition: around 1960. Service: mixed goods trains. Model: Detailed appearance with close-coupling mechanism.



## Cattle wagon with brakeman's platform of the DB

Prototype: 2 axled, cattle wagon, type VImms 63, of the German Federal Railways (DB). Operating condition: around 1960. Service: Transport of animals. Model: Finely detailed appearance. First appearance in the Roco range. Overall length: 139 mm.



#### Open goods wagon of the DB

Prototype: 2 axled open goods wagon, type Olm 06, with stakes, of the German Federal Railways (DB). Operating condition: 1960's. Service: Transport of various goods. Model: Finely detailed appearance. First appearance in the Roco range. Overall length: 138 mm.



#### 66184







RRP € 74.00

#### 44002





RRP € 67.00

#### 66875







#### 66827





**RRP** € 21.90





RRP € 23.00

#### 66641





RRP € 16.30

#### 66039





RRP € 57.40

#### 46400



RRP € 34.50

#### Open goods wagon of the DB.

Prototype: 2 axled, open goods wagon with tarpaulin cover, type 0mm 52 of the German Federal Railways (DB). Operating condition: 1960's. Service: Transport of various goods. Model: Finely detailed appearance with prototypically correct reproduction of the damaged side walls. Overall length: 114 mm.



## 4-axled boxcar kit "ex Bomberg", DB

Prototype: 4 axled box car kit (ex "Bromberg", DRG), DB.

Operating condtion: 1960's. Service: Transport of goods susceptible to weather conditions.

Model: Finely detailed appearance and instruction manual. Overall length: 206 mm.



## Open goods wagon set of the DR

Prototype: Two 4 axled open goods wagons, type Eas 5948 of the Deutsche Reichsbahn (DR). Loaded with brown coal. Operating condition: 1980's. Service: Transport of goods susceptible to weather conditions, as for example, brown coal. Model: Finely detailed appearance in brown livery. Load inserts with piled up brown coal granulated to scale size. Different running numbers. Overall length per wagon: 181 mm..



#### Roco Clean, HO track cleaning wagon

Prototype: 2 axled tack cleaning wagon based on a box goods van with brakeman's platform. Recommended for layout maintenance. Can be used in any train. Overall length: 168mm



#### Boxcar, DB

Prototype: 2 axled box goods wagon, type Gm of the Deutsche Bundesbahn (DB). Operating condition: 1960's. Service: Transport of goods susceptible to weather conditions. Model: Finely detailed appearance with wooden walling, rippled roof and EUROP lettering. Overall length: 114mm



#### **Boxcar DB**

Prototype: 2 axle boxcar with sheet metal brakeman's cab type Glmhs 50 of the German Railways (DB). Operation condition: 1960s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance in brown livery. For the first time at ROCO!

Overall length: 139 mm.



#### Boxcar, CP

Prototype: 2 axle boxcar (ex "Oppeln", DRG) of the Portuguese State Railway (CP). Operation condition: 1970s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance. Overall length: 104 mm.



## 3 piece set of flat wagons with sheet metal tubes, DB

Prototype: Three 4 axle flat wagons of the German Railways (DB). Operation condition: 1980s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance of the flat wagons. With different running numbers. Overall length per flat wagon: 165 mm.



46042







RRP € 9.90

66840







RRP € 25.40

66895







66077







RRP € 132.00





RRP € 26.90

56113





RRP € 14.00

66880





RRP € 24.70

66820





RRP € 36.90

# Open goods wagon, DR SPECIAL

Prototype: 2-axled open goods wagon with stakes of the German State Railway (DR). Operation condition: 1960s. Service: transportation of goods resistant to any weather conditions. Model: Finely detailed appearance. For the first time part of the Roco product line. Overall length: 138 mm.



## Refrigerated van of the DB

Prototype: 2 axled, refrigerated van of the Interfrigo AG company, as used on the Deutsche Bundesbahn (DB). Operating condition: 1960's. Service: Transport of temperature dependent perishables. Model: Detailed appearance and "INTERFRIGO" lettering. Overall length: 128 mm.



## Refrigerated wagon for bananas, DB

Prototype: 2 axled, refrigerated van, type Tnos 34, of the German Federal Railways (DB). Operating condition: around 1962. Service: Transport of bananas. Model: Finely detailed appearance without ice flaps in the ends. First appearance in the Roco range. Overall length: 134 mm.



## **Cement wagon of the DB**

Prototype: 4 axled cement tanker wagon, type KKd 49, of the German Federal Railways (DB). Operating condition: 1950's. Service: Transport of cement. Model: Finely detailed appearance. First appearance in the Roco range. Overall length: 143 mm.



# 3 piece set of hinged lid self unloading coaches, DB

Prototype: 4-axled self unloading coach type Tad with hinged lids of the German Railways (DB) in operation condition of the 1960s. Service: transportation of bulk cargo susceptible to weather conditions, such as lime. Model: Finely detailed appearance with epoch III inscription. Overall length: 138 mm.



## 3 piece set of brown coal silo wagons, DB

Prototype: Three 3 axle brown coal dust wagons of the German Railways (DB). Operation condition: 1970s. Service: Transportation of coal dust. Model: Finely detailed appearance with riveted dust wagons. Overall length per wagon: 136 mm.



#### Stake wagon of the DB

Prototype: 2 axled stake wagons of the Deutsche Bundesbahn (DB). Operating condition: 1970's. Service: Transport of goods susceptible to weather conditions. Model: Detailed appearance and removable stakes. Overall length: 128mm



## 3-piece set of transportation wagons for metal sheet coils, DB

Prototype: 6-axled heavy duty wagons type Sahmms of the German Railways (DB) in operation condition of the mid 1980s. Service: transportation of steel coils. All three models and their load are finely detailed and printed. Overall length per wagon: 187 mm.



#### 66099







**RRP** € 119.00

#### 66091







**RRP** € 111.00

#### 46031







#### 66053







**RRP** € 94.00

DB



RRP € 43.50

66921





RRP € 43.50

66931





RRP € 42.80

66930





RRP € 42.80

## Stake wagon with "Magirus Deutz" fire brigade vehicle, DB

Prototype: 2-axled stake wagon type Kbs of the German Railways (DB) in operation condition of the 70s. Service: transportation of goods resistant to any weather conditions. Model with loaded 170 D ""Magirus Deutz" fire brigade vehicle. Overall length: 162 mm.



# Stake wagon with "Magirus Deutz" turntable ladder vehicle, DB

SPECIAL

Prototype: 2-axled stake wagon type Kbs of the German Railways (DB) in operation condition of the 70s. Service: transportation of road vehicles. Model with loaded 310 D ""Magirus Deutz" turntable ladder vehicle. Overall length: 162 mm.



## 4-axled stake wagon of the DB

Prototype: 4 axled, stake wagon, type Rs 680, of the German Federal Railways (DB). Loaded with pipes. Operating condition: 1970's.

Service: Transport of susceptible to weather conditions. Model: Finely detailed appearance of both wagons and load. First appearance in the Roco range. Overall length: 229 mm.



## 4-axled stake wagon of the DR

Prototype: 4 axled stake wagon, type Rs, of the East German Railways (DR). Loaded with I-trusses. Operating condition: start of the 1990's. Service: Transport of goods susceptible to weather conditions Model: Finely detailed appearance of the wagon and the load. Overall length: 229 mm.



# Tank wagon SCHRAUBE, DB

Prototype: 2 axle tank wagon SCHRAUBE of the German Railways (DB). Operation condition: 1970s. Service: Transportation of mineral oil. Model: Finaly detailed appearance. Comes with brakeman's platform. Overall length: 102 mm.



# Tank wagon HOBUM, DB

Prototype: 2 axle tank wagon HOBUM of the German Railways (DB). Operation condition: 1970s. Service: Transportation of mineral oil. Model: Finaly detailed appearance. Comes with brakeman's platform. Overall length: 102 mm.



# Low floor wagon, DB SPECIAL

Prototype: 6-axled low floor wagon of the German Railways (DB) in operation condition of the 70s. Service: transportation of bulky goods and goods resistant to any weather conditions. Model: Finely detailed appearance with glass load. Overall length: 141 mm.



#### Heavy transporter wagon of the DB

Prototype: 4 axled heavy transporter wagon, with stakes of the Deutsche Bundesbahn (DB). Operating condition: 1970's. Service: Transport of heavy goods susceptible to weather conditions. Model: Finely detailed appearance with brakeman's platform. Overall length: 124mm



#### 66766







RRP € 26.40

#### 66767







RRP € 26.40

#### 66187







#### 46380







**RRP** € 23.60







RRP € 70.00

66047







RRP € 50.90

66890







RRP € 23.40

66915





RRP € 28.60

#### **Heavy transporter set of the DB**

 $Prototype: 3\ different\ 6\ axled\ heavy\ transporter\ wagons, type\ Sas\ 710\ of\ the\ Deutsche\ Bundesbahn\ (DB).\ Loaded\ with\ steel.$ 

Operating condition: 1980's. Service: Transport of heavy loads susceptible to weather conditions.

Model: finely detailed appearance of wagons and loads. Overall length of each wagon: 187mm.



#### 2 piece set refrigerator wagon, DB

 $Prototype: Set of two different INTERFRIGO \ refrigerator \ wagons \ type \ ibbks \ 398 \ of the German \ Railways \ (DB).$   $Operation \ condition: \ 1980s. \ Servic: \ Transportation \ of \ perishable \ food \ such \ as \ meet, \ vegetables \ and \ fish.$ 

Model: Finely detailed appearance. Overall length per wagon: 167 mm.



#### Boxcar, DB

Prototype: 2 axle boxcar (ex "Oppeln", DRG) of the German Railways (DB). Operation condition: 1970s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance. Overall length: 104 mm.



#### Sliding wall / roof wagon of the DB.

Prototype: 2 axled, sliding wall wagon of the German Federal Railways (DB). Operating condition: 1970's. Service: Transport of goods susceptible to weather conditions. Model: Authentic appearance. First appearance in ROCO range. Overall length: 115 mm.



#### Box goods van kit of the DB

Prototype: 2 axled box goods wagon (ex "Dresden", DRG) of the German Railways (DB). Operating condition: 1970's. Service: Transport of goods susceptible to weather conditions. Model: Box goods wagon kit with all parts and detailed instructions. Overall length: 139 mm.



#### Box goods van of the DB

Prototype: 2 axled box goods wagon of the German Railways (DB). Operating condition: 1970's. Service: Transport of goods susceptible to weather conditions. Model: Box goods wagon kit with all parts and detailed construction. Overall length: 127 mm.



#### Set 1/Set 2 of double-deck car carriers, DB, Epoch IV

The double-deck car-carriers type Laekks 543 of the DB are available in 2 sets. Each set has 2 car carriers. All carriers do not carry any vehicles and have different running numbers.



#### Stake wagon of the RENFE

Prototype: 2 axled stake wagon of the Spanish State Railways (RENFE). Current operating condition. Service: Transport of goods susceptible to weather conditions. Model: Detailed appearance in brown livery. Overall length: 162 mm.



#### 66379







RRP € 15.00

#### 66392







**RRP** € 15.90

#### 63063 63064







#### 66781







**RRP** € 19.70







66100







RRP € 274.00

66267







46331





RRP € 45.20

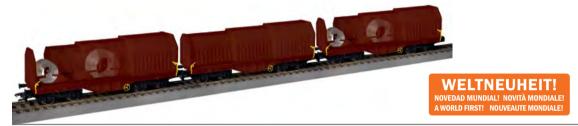
#### Boxcar, DB

Prototype: 2 axle boxcar with slab walls of the German Railways (DB). Operation condition: 1970s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance in brown livery. For the first time at ROCO! Overall length: 144 mm.



#### Digital-set of telescoping wagons with movable hoods, DB

Prototype: Three 4 axled telescoping wagons with movalbe hoods of the DB. Loaded with coils of steel. Operating condition: 1980's. Service: Transport of steel coils. Model: Detailed appearance. The hoods of 2 wagons are DCC-digitally switchable and can be opened and closed automatically. When the two hoods are opened and closed the original operating sound is audible. Ex works. Different running numbers. Overall length: 138 mm.



#### Container coach, DB

Prototype: 2 axle container coach of the German Railways (DB). Carrying three containers "Von Haus zu Haus Behältern". Operation condition: 1970s. Service: Transportation of removable containers. Model: Finely detailed appearance with removable containers. Overall length: 109 mm.



#### Crane wagon and match truck of the DB

Prototype: 6 axled crane wagon, with 2 axled match truck of the Deutsche Bundesbahn (DB). Operating condition: around 1990. Service: Accident recovery. Model: Detailed appearance in yellow livery. Overall length: 275mm



### Self-unloading wagons set of the DR

Prototype: Four 4 axled self-unloading wagons of the Deutsche Reichsbahn (DR). Operating condition: 1980's. Service: Transport of various goods. Model: Finely detailed appearance in brown livery. Different running numbers. Overall length per wagon: 168 mm.

66056





**RRP** € 101.00

66094





**RRP** € 121.00

66095





**RRP** € 124.00

66137





**RRP** € 64.00

#### 4 piece set: Gondolas, DR

Prototype: Four 4-axle gondolas type Eas of the German State Railway (DR). Operation condition: 1980s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance in brown livery and different running numbers. Service: Test wagon. Overall length per wagon: 160 mm.



#### 4 piece set of open goods wagons, DR SPECIAL

Prototype: four 4-axled open goods wagons type Eas of the German State Railway (DR) in operation condition of the 1980s. Service: transportation of goods resistant to any weather conditions. Model: Finely detailed appearance as wagons used for test runs, in brown livery. Different running numbers. Overall length: 160 mm.



# 3 piece set no 1 of self-unloading coaches, DR SPECIAL

Prototype: 4-axled self-unloading coach of the German State Railway (DR). In operation condition of the early 70s. Service: transportation of bulk cargo resistant to any weather conditions such as coal, coke and sand. All models are finely detailed and come in brown livery with different wagon numbers. Overall length per wagon: 138 mm. Suitable addition to set item no 66138.







DR





RRP € 64.00

66464





RRP € 35.60

66860







66508





RRP € 24.00

# 3 piece set no 2 of self-unloading coaches, DR SPECIAL

Prototype: 4-axled self-unloading coach of the German State Railway (DR). In operation condition of the early 70s. Service: transportation of bulk cargo resistant to any weather conditions such as coal, coke and sand. All models are finely detailed and come in brown livery with different wagon numbers. Overall length per wagon: 138 mm. Suitable addition to set item no 66137.



# Tank wagon for compressed gas transportation: "STATOIL", DB AG

Prototype: 4 axle tank wagon for compressed gas transportation with sun protection roof, a private wagon of the company "STATOIL" of the DB AG. Operation condition. 2005s. Service: Transportation of gas.

Model: Finely detailed appearance with authentic "STATOIL" inscription. Overall length: 204 mm.



#### Sliding wall wagon, DB AG

Prototype: 2 axle sliding wall wagon of the Deutsche Bahn AG (DB AG). Operation condition: 2000s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance. Overall length: 161 mm.



# 4-axle gondola, DB AG

Prototype: 4-axled open goods wagon type Eanos 052 of the Deutsche Bahn AG (DB AG). Operation condition: 1990s. Service: transportation of scrap metal, wood, scrap tires and similar goods. Model: Finely detailed appearance. Overall length: 181 mm.



# 3 piece set of sliding wall wagons, DB SPECIAL

Prototype: sliding wall wagons of the German Railways (DB) in operation condition of the mid 1990s. Service: transportation of general cargo susceptible to weather conditions. All models of this set are finely detailed and equipped with different running numbers. Overall length per wagon: 160 mm.



#### Stake wagon, DB AB

Prototype: 2 axle swivel stake wagon of the German Railways (DB AG). Carries one mortar silo. Operation condition: 2005s. Service: Transportation of temperature insensitive goods. Model: Finely detailed wagon and silo. Overall length: 162 mm.



#### 3 piece set of telescopic hood wagons, DB AG

SPECIAL

Prototype: 4-axled telescopic hood wagons of the Deutsche Bahn AG (DB AG). Current operation condition. Service: transportation of steel coils. All models of this set are finely detailed and equipped with different running numbers. Overall length per wagon: 138 mm.



#### Car transporter wagon TA378 "Goth"

Prototype: 2 part, 3 axled modern car transporter, type TA376 of the company of Goth, operated as a private owner wagon by the Swiss Federal Railways (SBB/CFF/FFS). Current operating condition. Service: Car transporter. Model: Highly detailed appearance in blue livery. Overall length: 306 mm



66183







RRP € 84.00

66787







RRP € 46.80

66182







66528

€ 79.00

**PRIVAT** 





**RRP** € 56.50







RRP € 74.00

66186





RRP € 74.00

66599





RRP € 72.90

66949





**RRP** € 57.90

# 3 piece set of heavy duty wagons, German Federal Armed Forces

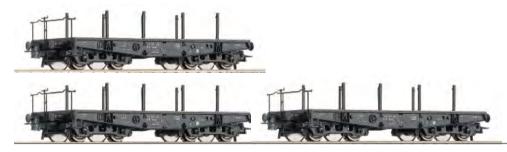
Prototype: three heavy duty wagons of the German Federal Armed Forces, used as a private wagon by the German Railways (DB) in operation condition of the 1990s. Service: transportation of heavy duty military equipment. All models of this set are finely detailed and equipped with different running numbers. Overall length per wagon



### 3 piece set of heavy duty wagons, DB

SPECIAL

Prototype: three heavy duty wagons of the German Railways (DB) in operation condition of the early 1990s. Service: transportation of heavy duty military equipment. All models of this set are finely detailed and equipped with different running numbers. Overall length per wagon: 124 mm.



#### Container-double carrier wagon, DB AG SPECIAL

Prototype: container-double carrier wagon of the Deutsche Bahn AG (DB AG) in current operation condition. Loaded with 4 swab containers of the freight forwarder LOGWIN. Finely detailed model with removable swab containers. Overall length: 390 mm.



# Open goods wagons set, DB AG SPECIAL

Prototype: 4-axled open goods wagons type Eaos of the Deutsche Bahn AG (DB AG) in operation condition of the mid 1990s. Service: transportation of bulk goods resistant to any weather conditions. Both models feature a finely detailed authentic appearance and printing. Overall length per wagon: 161 mm.



### Stacked container wagon, DB

Prototype: 4 axle stacked container wagon type Sgs 693 of the German Railways (DB). Carries two swap bodies. Operation condition: 1990s. Service: Transportation of containers and swap bodies. Model: Finely detailed appearance with removable swap bodies. Overall length: 229 mm.



# Open goods wagon, ÖBB

SPECIAL

Prototype: 2-axled open goods wagon with stakes of the Austrian Railways (ÖBB) in operation condition of the 1950s. Service: transportation of goods resistant to any weather conditions. Model: Finely detailed appearance in brown livery. The stakes come with finely detailed chain replications. Overall length: 132 mm.



# Stake wagon "Steyr", ÖBB SPECIAL

Prototype: 2-axled stake wagon type Kbs of the Austrian Railways (ÖBB) in operation condition of the 60s. Service: transportation of road vehicles. Model loaded with a "Steyr 680" lorry with plank bed. Overall length: 162 mm.



# 4 part set goods train, BBÖ

Prototype: Four different goods wagons of the Austrian Railways (BBÖ). One boxcar (ex DRG Oppeln), one gondola (ex DRG Königsberg), one hopper wagon type Talbot and one tank wagon company ÖMV. Operation condition: 1950s. Operation condition: 1950s. Service: Transportation of goods. Model: Finely detailed appearance with authentic inscriptions. Overalll length: 387 mm.



#### 66583







#### 66826







RRP € 26.90

#### 66920







#### 66081

€ 41.90







**RRP** € 101.00







RRP € 91.70

66393







RRP € 23.40

66910







RRP € 43.80

66911







RRP € 43.80

### 3 piece set mineral oil tank wagon of the company MARTHA

3 piece set mineral oil tank wagon of the company MARTHA, 36 m3 standard construction. Operation condition: 1970s. Service: Transportation of mineral oil. Model: Finely detailed appearance with brakeman's platform. Overall length: 102 mm.



### Boxcar, ÖBB

Prototype: 2 axle boxcar of the Austrian Railways (ÖBB). Operation condition: 1970s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance. Overall length: 107 mm.



# Dust wagon, ÖBB

Prototype: 4 axle dust wagon type Uacs of the Austrian Railways (ÖBB). Operation condition: 1980s. Service: Transportation of cement. Finely detailed appearance. Overall length: 187 mm.



#### Cement silo wagon, ÖBB

Prototype: 4 axle cement silo wagon type Uacs of the Austrian Railways (ÖBB). Operation condition: 1994s. Service: Transportation of cement. Finely detailed appearance. Overall length: 187 mm.



# Boxcar, ÖBB

Prototype: 4 axle boxcar type Gabs of the Austrian Railways (ÖBB). Operation: 1980s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance in brown livery. Overall length: 249 mm.



# Sliding wall wagon of the ÖBB

Prototype: Sliding wall wagon, type Hbills, of the Austrian State Railways (ÖBB). Operating condition: around 1990. Service: Transport of goods susceptible to weather conditions. Model: Finely detailed appearance. First appearance in the Roco range. Overall length: 141 mm.



#### Set of telescopic covered wagons with function, ÖBB

WELTNEUHEIT! NOVE

Prototype: Three 4-axle telscopic covered wagons of the Austrian Railways (ÖBB). Loaded with steel coils. Operation condition: 1990s. Service: Transportation of steel coils. Model: Finely detailed appearance With digitally switchable telescopic hoods on two wagons that can be opened and closed. With original sound of the moving and locking telescopic hoods. Ex works. Different running numbers. Overall length per wagon: 138 mm.



# Telescopic hood wagon, ÖBB SPECIAL

Prototype: 4-axled Telescopic hood wagon of the Austrian Railways (ÖBB) in operation condition of the 1990s. Service: transportation of steel coils. Finely detailed model with manually movable hoods. Comes with two replications of steel coils as cargo. Overall length: 138 mm.



66800







RRP € 39.90

66861







RRP € 28.60

66104 **№** 66105









66357

RRP € 326.00







**RRP** € 30.90

191







66097





RRP € 94.00

66633





RRP € 54.00

66801





RRP € 43.80

# 3 piece set no 1 of open goods wagons, ÖBB SPECIAL

Prototype: three 4-axled open goods wagons type Eaos of the Austrian Railways (ÖBB) in operation condition of the 1990s. Service: transportation transportation of goods resistant to any weather conditions such as scrap metal, coal etc. Finely detailed models with different running numbers. Suitable addition to item no 66097. Overall length per wagon: 161 mm.







# 3 piece set no 2 of open goods wagons, ÖBB SPECIAL

Prototype: three 4-axled open goods wagons type Eaos of the Austrian Railways (ÖBB) in operation condition of the 1990s. Service: transportation transportation of goods resistant to any weather conditions such as scrap metal, coal etc. Finely detailed models with different running numbers. Suitable addition to item no 66096. Overall length per wagon: 161 mm.







# Container wagon of the ÖBB

Prototype: Container wagon, type Sgns, of the Austrian Federal Railways (ÖBB). Loaded with 2 separate lorry swap body containers of the company of Danzas. Current operating condition. Service: Transport of swap-bodies and containers.

Model: Finely detailed appearance with removable containers. Overall length: 189 mm.



# Boxcar, ÖBB

Prototype: 4 axle boxcar of the Austrian Railways (ÖBB). Operation: 1990s. Service: Transportation of bicyles. Model: Finely detailed appearance in blue livery. Overall length: 249 mm.



# Low floor end wagon "Rollende Landstrasse", ÖBB

Prototype: 8 axle low floor wagon of the Austrian Railways (ÖBB). Operation condition: 2000s. Service: Transportation of lorries with the "Rollende Landstrasse". Model: Finely detailed appearance: With special couplers and enclosed buffer board. For the first time in the ROCO HO assortment. Overall length: 216 mm.



67200







#### 67201







# RRP € 42.70

#### 67202







€ 42.70

#### 67203







RRP € 42.70

# Low floor end wagon "Rollende Landstrasse", ÖBB

Prototype: 8 axle low floor wagon of the Austrian Railways (ÖBB). Operation condition: 2000s. Service: Transportation of lorries with the "Rollende Landstrasse". Model: Finely detailed appearance: With special couplers and modified running number. For the first time in the ROCO HO assortment. Overall length: 216 mm.



# Low floor intermediate wagon "Rollende Landstrasse", ÖBB

Prototype: 8 axle low floor wagon of the Austrian Railways (ÖBB). Operation condition: 2000s. Service: Transportation of lorries with the "Rollende Landstrasse". Model: Finely detailed appearance: With special couplers and modified running numbers. For the first time in the ROCO HO assortment. Overall length: 216 mm.



# Low floor intermediate wagon "Rollende Landstrasse", ÖBB

Prototype: 8 axle low floor wagon of the Austrian Railways (ÖBB). Operation condition: 2000s. Service: Transportation of lorries with the "Rollende Landstrasse". Model: Finely detailed appearance: With special couplers and modified running numbers. For the first time in the ROCO HO assortment. Overall length: 216 mm.









RRP € 24.00

66076







RRP € 76.40

66069







RRP € 86.60

66758







RRP € 71.30

# 4-axle gondola, ÖBB

Prototype: 4-axled open goods wagon type Eanos of the Austrian Railways (ÖBB). Operation condition: 1990s. Service: transportation of scrap metal, wood, scrap tires and similar goods. Model: Finely detailed appearance. Overall length: 181 mm.



# 2 piece set of gondolas, ÖBB

Prototype: Two 4 axle gondolas type Eaos of the Austrian Railways (ÖBB). Carrying scrap. Operation condition: 2000s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance of the gondolas and the scrap material. Different running numbers. Overall length per gondola: 161 mm.



# 2 piece set of stake cars, ÖBB

Prototype: Two 4 axle stake cars typ Rs of the Austrian Railways (ÖBB). Carrying tubes. Operation condition: 1990s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance of the stake cars and the tubes. Overall length per stake car: 230 mm.



# Stake wagon, ÖBB

Prototype: 4 axle stake wagon type Res of Austrian Railways (ÖBB). Carries one Steryr 680 lorry with field kitchen of the Austrian Army. Operation condition: 1990s. Service: Transporation of temperature insensitive goods. Model: Finely detailed wagon and lorry. Overall length: 229 mm.



# 2 piece set of stake wagons, ÖBB

Prototype: Two 2 axle stake wagons type Kbs of the Austrian Railways (ÖBB), carrying vehicles of the Austrian Army such as Steyr 680, Puch G, VW transporter and Pinzgauer. Operation condition: 2000s. Service: Transportation of military vehicles. Model: Finely detailed appearance of the wagons and the military vehicles. Overall length per wagon: 162 mm.



# 2 piece set of stake wagons, ÖBB SPECIAL

Prototype: 2-axled stake wagons type Kbs of the Austrian Railways (ÖBB). Operation condition: around 200. The set consists of 2 models with different running numbers. Finely detailed appearance of wagon and load. Overall length per wagon: 161 mm.



# 3 piece set of ore wagons, ÖBB

Prototype: Three 6-axle ore wagons type AAR of the Austrian Railways (ÖBB) - in service for the VOEST. Current operation condition. Service: Transportation of temperature insensitive bulk good such as ore. Model: Finely detailed appearance in grey livery. Overall length per wagon: 173 mm



# Sliding wall wagon, ÖBB SPECIAL

Prototype: 2-axled sliding wall wagon type Hbbillns of the Austrian Railways (ÖBB) in current operation condition. Service: transportation of general cargo susceptible to weather conditions. Finely detailed model with current inscription. Overall length: 175 mm.



#### 66093







RRP € 90.80

#### 66083







RRP € 74.00

#### 66084







RRP € 101.00

#### 66581







RRP € 26.50

**GBB** 





RRP € 62.50

66210







RRP € 29.90

66671







RRP € 43.50

66469







RRP € 36.60

# Container carrying wagon, ÖBB SPECIAL

Prototype: 4-axled container carrying wagon type Sgns of the Austrian Railways (ÖBB) in current operation condition. Loaded with three open top "Rexwal" containers. Finely detailed model with removable containers. Overall length: 189 mm.



### **Covered goods wagon, SBB**

SPECIAL

Prototype: 2-axled covered goods wagon type J2d of the Swiss Railways (SBB/CFF/FFS) in operation condition of the 1950s. Special service: transportation of strawberries. Finely detailed model with authentic inscription based on the K3 model type. Comes with brakeman's cab. Overall length: 113 mm.



# Stake car "Saurer Bus", SBB

SPECIAL

Prototype: 2-axled stake car type Kbs of the Swiss Railways (SBB/CFF/FFS) in operation condition of the 60s. Service: transportation of road vehicles. Model loaded with a post bus type Saurer. Overall length: 162 mm.



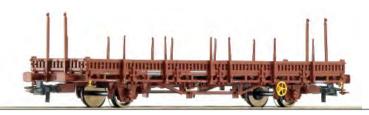
#### Tank wagon for compressed gas transportation "Wascosa", SBB

Prototype: 4 axle tank wagon for compressed gas transportation with sun protection roof, a private wagon of the company "Wascosa" of the Swiss Railways (SBB/CFF/FFS). Operation condition: 2009s. Service: Transportation of gas. Model: Finely detailed appearance with authentic "WASCOSA" inscription. Overall length: 204 mm.



# Swivel stake wagon, SBB

Prototype: 2 axle swivel stake wagon of the Swiss Railways (SBB/CFF/FFS). Operation condition: 2000s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance. Overall length: 162 mm.



#### Swivel stake wagon, SBB

Prototype: 2 axle swivel stake wagon of the Swiss Railways (SBB/CFF/FFS). Carries two VW transporters of the Swiss Army. Operation condition: 2000s. Service: Transportation of temperature insensitive goods. Model: Finely detailed wagon and transporters. Overall length: 162 mm.



#### Gondola, SBB

Prototype: 4 axle gondola type Ealos-t of the Swiss Railways (SBB/CFF/FFS) Operation condition: 1970s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance in grey livery with arrow logo. Overall length: 161 mm.



#### Gondola, SBB

Prototype: 4 axle gondola type Eanos of the Swiss Railways (SBB/CFF/FFS) with the logo of the company "Cronifer". Operation condition: 2007s. Service: Transportation of the temperature insensitive goods. Model: Finely detailed appearance. Overall length: 181 mm.



66779







RRP € 20.30

66783







RRP € 40.70

66951







RRP € 29.50

66510







RRP € 25.40







RRP € 35.60

66568

**PRIVAT** 





RRP € 71.30

66567







RRP € 71.30

66632







RRP € 54.00

#### Sliding plane wagon, SBB

Prototype: 4 axle sliding plane wagon type Rils of the Swiss Railways (SBB/CFF/FFS). Operation condition: 2008s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance that corresponds to the epoch and railway company specific different types of the 19,90 m long wagon family. Overall length: 229 mm.



#### **Double stacked container wagons, AAE**

Prototype: Douvle stacked container wagon of the Ahaus Alstätter Eisenbahn AG (AAE). Carries two 40ft containers of the company EWALS-Cargo. Current operation condition. Service: Transportation of containers and swap bodies. Model: Finely detailed appearance with removable containers. Overall length: 390 mm.



#### **Double stacked container wagon, SBB**

Prototype: Container double stack wagon of the Swiss Railways (SBB/CFF/FFS). Carries two 20' containers "China Shipping" and one 40' container "NYK Lines". Current operation condition. Service: Transportation of containers and swap bodies. Model: Finely detailed appearance with removable containers. Overall length: 390 mm.



#### **Container wagon of the SBB**

Prototype: 4 axled container wagon, type Sgns in grey livery of the Swiss Federal Railways (SBB/CFF/FFS). Loaded with 2 separate lorry swap body containers "cargo domino". Operating condition: around 2005. Service: Transport of swap-bodies and containers. Model: Finely detailed appearance with removable containers. Overall length: 189 mm.



### **Double compensation wagon, SBB**

Prototype: 8 axle double compensation wagon of the Swiss Railways (SBB/CFF/FFS). Comes in grey "Hupac" livery. Carries two lorry trailers of the transportation agency "Hangartner". Operation condition: 2005s. Service: Transportation of containers and swap bodies. Model: Finely detailed appearance. With removable lorry trailers. Overall length: 380 mm.



### Stacked container wagon, SBB

Prototype: 4 axle stacked container wagon type Sgns HUPAC of the Swiss Railways (SBB/CFF/FFS). Carries two swap containers of the transportation agency "DREIER". Current operation condition. Service: Transporatation of containers and swap bodies. Model: Finely detailed appearance. With removable containers. Overall length: 225 mm.



#### Standard pocket wagon, HUPAC

SPECIAL

Prototype: 4-axled standard pocket wagon, of the company HUPAC, used by the Swiss Railways (SBB/CFF/FFS). In current operation condition. Loaded with two lorry swap bodies of the freight forwarder "GIEZENDANNER". Finely detailed appearance with two removable lorry swap bodies. Overall length: 189 mm.



#### Container carrying wagon, SBB SPECIAL

Prototype: 4-axled container carrying wagon type Sgns of the Swiss Railways (SBB/CFF/FFS) in current operation condition. Loaded with two lorry swap bodies with curtain awnings of the freight forwarder "Hangartner". Finely detailed model with removable swap bodies. Overall length: 189 mm.



66603







RRP € 74.40

66629

**PRIVAT** 





RRP € 60.00

66714







€ 44.90

66618







RRP € 62.50

199











66308







66430





**RRP** € 26.40

### Set of telescoping wagons, SBB



The digital set consists of three telescoping wagons of the SBB and comes with DCC-digitally functioning hoods. When the two hood segments are opened and closed digitally, the original sound is audible.



# Sliding wall wagon of the SBB

Prototype: 4 axled sliding wall wagon, of the firm of Transwaggon (TWA), operated by the Swiss Federal Railways (SBB/CFF/FFS). Operating condition: around 2005. Service: Transport of goods susceptible to weather conditions.

Model: Finely detailed appearance with different slogans on each side of "Transwaggon" and "SBB Cargo". Overall length: 267 mm.



#### Telescopic hood wagon, FS

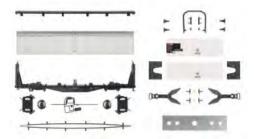
Prototype: 4 axle telescopic hood wagon of the SBB, leased to the Italian State Railway (FS). Operation condition: 2000s. Service: Transportation of steel coils. Model: Finely detailed appearance. Overall length: 138 mm.





# Sliding wall freight wagon kit, SBB

Prototype: 2-axled sliding wall wagon with isolated side wall of the Swiss Railways (SBB/CFF/FFS). Operation condition: approx. 2005. Service: transportation of goods susceptible to weather conditions. Model: Goods wagon kit containing all pieces and a detailed instructions manual. Overall length: 175 mm.



# Silo wagon, SBB

Prototpye: 2 axle silo wagon Uetikon of the Swiss Railways (SBB/CFF/FFS). Operation condition: 2000s. Service: Transporation of cement. Model: Finely detailed appearance. With brakeman's platform. Overall length: 100 mm.



#### 2-piece set of cement (bulk) silo cars, SBB

Both models show the SBB logo, but have different running/road numbers. The set goes perfectly well with the article no. 46658.



#### Silo wagon, SBB

Prototpye: 2 axle silo wagon ETRA of the Swiss Railways (SBB/CFF/FFS). Operation condition: 2000s. Service: Transporation of cement. Model: Finely detailed appearance. With brakeman's platform. Overall length: 100 mm.



66444







RRP € 22.20

66796







RRP € 34.60

66048







66795







RRP € 34.60

201







RRP € 71.30

46618







RRP € 13.90

66662







RRP € 25.70

66324







RRP € 35.60

#### **Double wagon unit of the SBB**

Prototype: 8 axled double wagon unit in grey "Hupac" livery of the Swiss Federal Railways (SBB/CFF/FFS). Loaded with 2 lorry trailers of the logistics company "Schőni". Operating condition: around 2005. Service: Transport of swop-bodies and containers. Model: Finely detailed appearance with removable lorry trailers. Overall length: 380 mm.



#### Gondola, SNCF

Prototype: 2 axle gondola of the French State Railway (SNCF). Operation condition: 1980s. Service: For the transportation of temperature insensitive goods. Model: Authentic and finely detailed appearance in brown livery. Overall length: 115 mm.



#### Closed goods wagon, SNCF SPECIAL

Prototype: 2-axled closed goods wagon of the French State Railway (SNCF). The wagon was originally obtained and used by the Swiss Railway (SBB). After selling those wagons to the French State Railway, the inscription was altered but the original SBB logo remained on the wagons for a while. Finely detailed model with authentic inscription. Overall length: 161 mm.



#### Sliding plane wagon, CFL

Prototype: 4 axle sliding plane wagon type Rils of the Luxembourg Railways(CFL). Operation condition: 2000. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance that corresponds to the diffenet epochs and the original construction types of the 19,90 m long wagon family. Overall length: 229 mm.





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66862







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66058







RRP € 102.00

66742







RRP € 35.60

#### Sliding plane wagon, SNCB

Prototype: 4 axle sliding plane wagon type Rils of the Belgian State Railway (SNCB/NMBS). Operation condition: 2000. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance that corresponds to the different epochs and the original construction types of the 19,90 m long wagon family. Overall length: 229 mm.



# Sliding wall wagon of the SNCB

Prototype: 2 axled, sliding wall wagon, type Hbinns, of the Belgian State Railways (SNCB/NMBS). Current operating condition. Service: Transport of goods susceptible to weather conditions. Model: Finely detailed appearance. Overall length: 161 mm.



#### Waste wagon set of the NS

Prototype: Three 4 axled waste wagons, type 2 of the Netherlands Railways (NS). Operating condition: 1960's. Service: Transport of waste materials. Model: Finely detailed appearance in grey livery. Different running numbers. Overall length per wagon: 172 mm.



#### Refuse wagon type 2, NS

Prototype: 4 axle refuse wagon type 2 of the Netherland Railways (NS). Operation condition: 1960s. Service: Transportation of refuse and garbage. Model: Finely detailed appearance in grey livery. Overall lenght: 172 mm.



#### **Boxcar, NS**

Prototype: 2 axle boxcar (ex "Oppeln", DRG) of the Netherlands Railways (NS) Operation condition: 1960s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance. Overall length: 104 mm.



# 2-piece set of sliding wall wagons, NS

Prototype: Two 2 axle sliding wall wagons of the Netherlands Railways (NS). Operation condition: 1980s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance, with truss frame. Overall length per wagon: 162 mm.



#### Refuse wagon type 2, NS

Prototype: 4 axle refuse wagon type 2 of the Netherland Railways (NS). Operation condition: 1980s. Service: Transportation of refuse and garbage. Model: Finely detailed appearance in green livery. Overall lenght: 172 mm.



#### 2 piece gondola set, NS

Prototype: Two 4-axle gondolas type Eanos of the Netherlands Railways (NS). Operation condition:1980s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance. Overall length per wagon: 181 mm.



66894







RRP € 22.30

66059







RRP € 54.00

66743







RRP € 35.60

66070







RRP € 50.90







RRP € 35.60

66112 •• 66113









RRP € 294.00 RRP € 326.00

66088







RRP € 61.00

66691







RRP € 50.90

### Roco-Clean sliding wall wagon, FS

Prototype: 2 axle sliding wall wagon of the Netherlands Railways (NS). Operation condition: 1995s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance. With "Roco-Clean" track cleaning system. Overall length: 168 mm



#### Set of telescopic covered wagons with function, NS



Prototype: Three 4-axle telscopic covered wagons of the Netherland Railways (NS). Loaded with steel coils. Operation condition: 1980s. Service: Transportation of steel coils. Model: Finely detailed appearance With digitally switchable telescopic hoods on two wagons that can be opened and closed. With original sound of the moving and locking telescopic hoods. Ex works. Different running numbers. Overall length per wagon: 138 mm.



#### 2 piece set of sheet metall roll wagons, NS

Prototype: Two 6-axle sheet metall roll wagons withs coils of the Netherlands Railways (NS). Operation condition. 2000s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance with different running numbers. Overall length per wagon: 187 mm.



#### Stake wagon, NS

Prototype: 2 axle stake wagon of the Netherlands Railways (NS). Carries one VW transporter and one armoured tracked vehicle of Dutch Marechaussee. Operation condition: 1990s. Service: Transportation of temperature insensitive goods. Model: Finely detailed wagons and vehicles. Overall length: 162 mm.



#### Stake wagon, NS

Prototype: 2 axle stake wagon company Railpro of the Netherlands Railways (NS). Carries one caravan. Operation condition: 1990s. Service: Transportation of temperature insensitive goods. Model: Finely detailed wagon and caravan. Overall length: 162 mm



#### Stake wagon, NS

Prototype: 4 axle stake wagon type Res of the Netherlands Railways (NS). Operation condition: 1990s.

Service: Transporation of temperature insensitive goods. Model: Finely detailed appearance: Overall length: 229 mm.



#### **Container stack wagon, SBB**

Prototype: 4-axled standard pocket wagon of the company HUPAC, operated as a private wagon by the Swiss Railways (SBB-CFF). Loaded with 2 swab bodies of the freight forwarding company VOS Logistics. Operation condition: around 2000. Service: transportation of containers and swab bodies. Model: Finely detailed appearance with removable swab bodies. Overall length: 189 mm.



#### Open goods wagon of the FS

Prototype: 2 axled, open goods wagon of the Italian State Railways (FS). Operating condition: 1930's. Service: Transport of goods susceptible to weather conditions. Model: Detailed appearance with wooden walling and steel door. Overall length: 107 mm.



#### 66692







RRP € 46.80

66755







RRP € 40.70

66617







RRP € 42.70

56044







RRP € 15.50







RRP € 36.60

66078





RRP € 49.90

47526





RRP € 9.90

56066





RRP € 9.90

#### 2 piece set of gondolas, FS

Prototype: Two 2 axle gondolas of the Italian State Railway (FS). Operation condition: 1930s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance, with roof stick pole. Overall length per gondola: 85 mm.



#### 3 piece set of gondolas, FS

Prototype: Three 2 axle gondolas of the Italian State Railway (FS). Operation condition: 1960s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance with different running numbers. Overall length per gondola: 85 mm.



#### Box goods van of the FS

Prototype: 2 axled, box goods wagon with pointed roof of the Italian State Railways (FS). Operating condition: 1960's. Service: Transport of goods susceptible to weather conditions. Model: Detailed appearance in grey livery. Overall length: 124mm



#### Box goods van of the FS

Prototype: 2 axled, box goods wagon with pointed roof of the Italian State Railways (FS). Operating condition: 1970's. Service: Transport of goods susceptible to weather conditions. Model: Detailed appearance in brown livery. Overall length: 124mm.



#### Boxcar, FS

Prototype: 4 axle boxcar type Gabs of the Italian State Railway (FS). Operation: 1980s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance in brown livery. Overall length: 249 mm.



#### Stake wagon, FS

Prototype: 4 axle stake wagon of the Italian State Railway (FS). Operation condition: 1980s. Service: Transportation of temperature sensitive goods. Model: Finely detailed authentic appearance. Overall length: 229 mm.



#### Stake car, FS

Prototype: 4 axle stake car of the Italian State Railway (FS). Operation conditioN: 1995s. Service: Transporation of temperature insensitive goods. Model: Finely detailed appearance in brown FS livery. Overall length: 229 mm.



#### Low floor end wagon "Rollende Landstrasse", FS

Prototype: 8 axle low floor wagon of the Italian State Railway (FS). Comes in red livery. Operation condition: 2000s. Service: Transportation of lorries with the "Rollende Landstrasse". Model: Finely detailed appearance: With special couplers and enclosed buffer board. For the first time in the ROCO HO assortment. Overall length: 216 mm.



#### 66802







RRP € 43.80

#### 66932







**RRP** € 40.70

#### 66718







**RRP** € 40.70

#### 67204







**RRP** € 49.90

209







RRP € 49.90

67206







RRP € 42.70

67207







RRP € 42.70

66439







RRP € 27.40

### Low floor end wagon "Rollende Landstrasse", FS

Prototype: 8 axle low floor wagon of the Italian State Railway (FS). Comes in green livery. Operation condition: 2000s. Service: Transportation of lorries with the "Rollende Landstrasse". Model: Finely detailed appearance: With special couplers and enclosed buffer board. For the first time in the ROCO HO assortment. Overall length: 216 mm.



#### Low floor end wagon "Rollende Landstrasse", FS

Prototype: 8 axle low floor wagon of the Italian State Railway (FS). Comes in green livery. Operation condition: 2000s. Service: Transportation of lorries with the "Rollende Landstrasse". Model: Finely detailed appearance: With special couplers and modified running number. For the first time in the ROCO HO assortment. Overall length: 216 mm.



#### Low floor intermediate wagon "Rollende Landstrasse", FS

Prototype: 8 axle low floor wagon of the Italian State Railway (FS). Comes in green livery. Operation condition: 2000s. Service: Transportation of lorries with the "Rollende Landstrasse". Model: Finely detailed appearance: With special couplers and modified running number. For the first time in the ROCO HO assortment. Overall length: 216 mm.



#### 2 axle sliding wall wagon, FS

Prototype: 2 axle sliding wall wagon (ex SBB) of the Italian State Railway (FS). Operation condition: 2005s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance. Overall length: 168 mm.



### Roco-Clean sliding wall wagon, FS

Prototype: 2 axle slideing wall wagon of the Italian State Railway (FS). Operation condition. 2000s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance. With "Roco-Clean" track cleaning system. Overall length: 168 mm



#### Gondola, FS

Prototype: 4 axle gondola type Ealos-t of the Italian State Railway (FS). Operation condition: 2000s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance. In green XMPR livery. Overall length: 161 mm.



#### Wagon for wood transportation, FS

Prototype: 4 axle wagon for wood transportation type Ealos-t of the Italian State Railway (FS). Carries wood. Operation condition: 2000s. Service: Transportation of temperature insensitive goods. Model: Finely detailed appearance of wagon and wood. Overall length: 161 mm.



#### Stake wagon, RENFE

Prototype: 2 axle stake wagon of the Spanish National Railways (RENFE). Carries wire coils. Operation condition: 1994s. Service: Transportation of temperature insensitive goods. Model: Finely detailed wagon and coils. Overall length: 162 mm.



66446







RRP € 35.60

66956







RRP € 25.40

66957







€ 31.50

66784







RRP € 36.60







RRP € 132.00

66972







RRP € 42.70

66106 66107











66926

**DSB** 





RRP € 30.50

### 3 piece tank wagon set, RENFE

Prototype: Three 4 axle tank wagons of the Spanish National Railways (RENFE). Operation condition: 2000s. Service: Transportation of mineral oil products. Model: Finely detailed appearance in brown livery. Overall length per wagon: 166 mm.



#### Standard pocket wagon, RENFE

Prototype: 4 axle pocket wagon of the Spanish National Railways (RENFE). Carrying a lorry trailer of the brewery DAMM. Operation condition: 2000s. Service: Transportation of lorry trailers, swap-body platforms and containers. Model: Finely detailed appearance. Overall length: 189 mm.



#### Set of telescopic covered wagons with function, RENFE

WELTNEUHEIT! NOVEDAD MUNDIAL! NOVITÀ MONDIALE! A WORLD FIRST! NOUVEAUTE MONDIALE!

Prototype: Three 4-axle telscopic covered wagons of the Spanish National Railways (RENFE). Loaded with steel coils. Operation condition: 2000s. Service: Transportation of steel coils. Model: Finely detailed appearance With digitally switchable telescopic hoods on two wagons that can be opened and closed. With original sound of the moving and locking telescopic hoods. Ex works. Different running numbers. Overall length per wagon: 138 mm.



#### Sliding wall wagon, DSB

Prototype: 2 axle sliding wall wagon of Danish State Railway (DSB). Operation condition: 1960s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance in brown livery. Overall length: 115 mm.



# Tank wagon "ESSO", DSB SPECIAL

Prototype: 2-axled mineral oil tank wagon construction type "Uerdingen" of the company "ESSO", used as a private wagon by the Danish State Railway (DSB). Operation condition: 1960s. Service: transportation of mineral oil. Finely detailed and wrought model with brakeman's platform and company logo. Overall length: 101 mm.



# Refrigerated van of the DSB

Prototype: 2 axled, refrigerated van of the Danish State Railways (DSB). Operating condition: 1960's. Service: Transport of temperature dependent perishables. Model: Finely detailed appearance. Overall length: 128 mm.



66832

**DSB** 





RRP € 29.90

56116

DSB





RRP € 15.00



DSB





RRP € 84.00

66462





RRP € 35.60

66756

DSB





**RRP** € 40.70

66970





RRP € 42.70

# 3 piece set of self-unloading coaches, DSB SPECIAL

Prototype: three 4-axled self-unloading coaches "HERNINGSVERKAETI/S VESTKRAFT" of the Danish State Railway (DSB). Operation condition: around 2000. Service: transportation of power station coal. All models are finely detailed and printed true to the original. With different running numbers. Overall length per wagon: 145 mm.



# Silo wagon, DSB

Prototype: 2 axle silo wagon of the Danish State Railway (DSB). Operation condition: 2005s. Service: Transportation of dust goods. Model: Finely detailed appearance with brakeman's platform. Overall length: 107 mm.



#### Stake wagon, DSB

Prototype: 4 axle stake wagon type Res of the Danish State Railway (DSB). Operation condition: 1990s. Service: Transporation of temperature insensitive goods. Model: Finely detailed appearance: Overall length: 229 mm.



#### Standard pocket wagon, DSB

Prototype: 4 axle pocket wagon of the Danish State Railway (DSB). Carrying a lorry trailer of the brewery TUBORG. Operation condition: 2000s. Service: Transportation of lorry trailers, swap-body platforms and containers. Model: Finely detailed appearance. Overall length: 189 mm.



# 4 piece set of mineral wagons "Master-Slave", LKAB

Prototype: Two wagon groups of "Master Slave" wagons of the LKAB, Sweden. Operation condition: Up-to-date. Service: Transportation of ore loads. Model: Finely detailed and aged appearance. Different running numbers. Overall length per wagon: 101 mm.



# 4 piece set of mineral wagons "Master-Slave", LKAB

Prototype: Two wagon groups of "Master Slave" wagons of the LKAB, Sweden. Operation condition: Up-to-date. Service: Transportation of ore loads. Model: Finely detailed and aged appearance. Different running numbers. Overall length per wagon: 101 mm.



# Ore car Uad with marker lights

Model with factory installed marker lights



#### Stand-in deck coach carrier, GYSEV

Prototype: Modern 2 part 4 axle stand-in deck coach carrier type Hccrrss of the Gysev Raaberbahn (GYSEV). Current operation condition. Service: For the transportation of cars. Model: Finely detailed appearance. Roof comes in multi-colour livery. For the first time at ROCO. Overall length: 315 mm.



66079





RRP € 132.00

66080





**RRP** € 132.00

66285





RRP € 50.90

66966

**PRIVAT** 





RRP € 74.40

215

**PRIVAT** 





**RRP** € 74.40

66400







RRP € 25.40

66804







**RRP** € 41.90

66399







RRP € 46.80

### Stand-in deck coach carrier, GYSEV

Prototype: Modern 2 part 4 axle stand-in deck coach carrier type Hccrrss of the Gysev Raaberbahn (GYSEV). Current operation condition. Service: For the transportation of cars. Model: Finely detailed appearance. Roof comes in multi-colour livery. For the first time at ROCO. Overall length: 315 mm.



#### **Boxcar, MAV**

Prototype: 2 axle boxcar type Gbs of the Hungarian State Railway (MAV). Operation condition: 1980s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance. Overall length: 160 mm.



#### Covered goods wagon, MAV SPECIAL

Prototype: 4-axled covered goods wagon type Gabs of the Hungarian State Railway (MAV) in operation condition of the 1990s. Service: transportation of goods susceptible to weather conditions. Finely detailed model in typical Hungarian red brown livery.



#### Swing roof wagon, MAV

Prototype: 4 axle swing roof wagon of the Hungarian Sate Railway (PKP). Operation condition: 2000s. Service: Transportation of temperature sensitive bulk material such as fertilizers, sand and sodium carbonate. Model: Finely detailed appearance. Overall length: 250 mm.



Tank wagon, PKP SPECIAL

Prototype: 4-axled tank wagon of the Polish Railway (PKP) in operation condition of the 1980s. Service: transportation of flammable liquids. Model: Finely detailed and wrought appearance with brakeman's platform. Overall length: 146 mm.



## **Heavy transport wagon of the PKP**

Prototype: 4 axled heavy transport wagon of the Polish State Raiways (PKP). Operating condition: 1970's. Service: Transport of goods susceptible to weather conditions. Model: Detailed appearance with stakes and brakeman's platform. Overall length: 124 mm.



## Swing roof wagon, PKP SPECIAL

The prototype is a 4-axled swing roof wagon of the Polish Railway (PKP). Operation condition: around 2000. Service: transportation of bulk goods susceptible to weather conditions such as fertiliser, sand or sodium carbonate. Finely detailed model. Overall length: 250 mm.



## Stake wagon, PKP SPECIAL

Prototype: 4-axled stake wagon type Res of the Polish State Railway (PKP) in operation condition of the 1990s. Service: transportation of goods resistant to any weather conditions. Finely detailed model. Overall length: 229 mm.



66552





RRP € 37.90

66790





RRP € 24.20

66378





RRP € 47.50

66757





RRP € 41.50

217





RRP € 35.60

66218







**RRP** € 23.40

66304







**RRP** € 36.40

## Tank wagon for compressed gas transportation" ORLEN", PKP

Prototype: 4 axle tank wagon for compressed gas transportation with sun protection roof, a private wagon of the company "ORLEN" of the Polish State Railway (PKP). Operation condition. 2005s. Service: Transportation of gas. Model: Finely detailed appearance with authentic "ORLEN" inscription. Overall length: 204 mm.



## Boxcar, CSD

Prototype: 2 axle boxcar (ex., Bremen" of the DRG) of the Czechoslovakian State Railway (CSD). Operation condition: 1960s. Service: Transportation of temperature sensitive goods. Model: Finely detailed appearance with brakeman's platform. Overall length: 115 mm.



## Sliding plane wagon, CD SPECIAL

**Freight Wagons** 

Prototype: 4-axled sliding plane wagon type Rils of the Czecholovakian State Railway (CD). Operation condition: around 2000. Service: transportation of craneable goods and goods susceptible to weather conditions. Finely detailed model with typical Czech inscription. Overall length: 229 mm.







www.roco.cc Narrow gauge railway

**ØBB** 



RRP € 449.00

31025

**PRIVAT** 



RRP € 169.00

33222







RRP € 162.00

33241



RRP € 82.00 The Ötscher Bear on the Mariazeller Railway



## **HOe analog starter set goods train**

The HOe starter set has all you need for a perfect start in the world of narrow-gauge railways.

## **Contents/functions:**

- . H0e steam locomotive
- 3 narrow-gauge gondolas
- 1 narrow-gauge boxcar

#### H0e track layout:

- 16 straight tracks including feeder track
- 1 manual turnout, right
- · 12 standard radius curved tracks
- · Driving control unit with power adaptor



Prototype: One narrow gauge electric locomotive type series

## H0e Rh1099 electric locomotive, ÖBB

Prototype: Rh1099 narrow gauge electric locomotive of the Austrian Federal Railways (ÖBB). Operation condition: 1980s. Service: Passenger and goods trains – Mariazeller Railways

Model: Reissue model in Jaffa livery with modernized ÖBB-logo"Pflatsch". Double headlight. Overall length 125 mm.



## H0e-Feldbahn Steam locomotive 99 4306

Prototype: Narrow gauge Feldbahn steam locomotive. Operating condition: around 1960's. Service: Passenger and goods traffic. Model: Finely detailed reproduction. Overall length: 62 mm.



appearance in orignal livery with the bear logo. Two 2nd class wagons with different running numbers and one 2nd class wagon with luggage compartment. Overall length: 280 mm. Contents: H0e track layout: 16 straight tracks including connector track, 2 left-hand manual turnouts, 1 right-hand manual turnout, 1 adapter curve track, 2 adapter straight tracks, 12 standard radius curved tracks. Powerful type 10725 universal transformer, with 50 VA, Digital amplifier 10764, Type 10810 multiMAUS: 9999 locomotive addresses can be programmed, the lighting output can be switched independently.



#### **H0e Diesel locomotive Kö**

Prototype: 3 axled, narrow gauge diesel locomotive Kö 6007. The model has no interface. Operating condition: around 1960.

Servcie: Field and mining operations.

Model: Finely detailed appearance in black/ red livery. Overall length: 58 mm.





## HOe 1st/2nd class narrow gauge passenger wagon, ÖBB SPECIAL

The prototype is a 4-axled narrow gauge 1st/2nd class passenger wagon of the Austrian Railways (ÖBB) in operation condition of the 1980s. Service: passenger trains on the Mariazeller Railway. Finely detailed model in "Jaffa" livery. Overall length: 155 mm.



# H0e bicycle wagon "Ötscher Bear", ÖBB SPECIAL

Prototype: 4-axled covered bicycle transportation wagon of the Austrian Railways (ÖBB) for the "Ötscher Bear". Current operation condition. Service: transportation of bicycles on the Mariazeller Railway with the "Ötscher Bear" train. Finely detailed appearance with brakeman's cab. Overall length: 128 mm.



33206



RRP € 66.00

34019







34535







RRP € 40.90

221







RRP € 74.40

34596







RRP € 58.00

34557







RRP € 23.50

34558







**RRP** € 23.50

## HOe set of half stake wagons of the ÖBB

Prototype: Two 4-axled narrow gauge half stake wagons with different running numbers of the Austrian State Railways (ÖBB).

Operating condition: around 1975. Service: Transport of wood.

Model: Finely detailed reproduction with brakeman's cab. Loaded with real wood. Overall length of each wagon: 128 mm.



## Set of H0e-roll wagons, ÖBB

Prototype: Two 4-axle narrow gauge roll wagons of the Austrian Railways (ÖBB). Operation condition: 1960s.

Service: Transportation of standard gauge goods wagons on narrow gauge lines.

Model: Finely detailed appearance with different running numbers. Every roll wagon can carry a two axle HO wagon, which is fixed with the wheel coigns added to the set. Chassis: Zink high pressure die casting. Coupleable to any HOe vehicle. With coupling rod included in the set. Overall length per wagon: 104 mm.



## HOe open goods wagon, DRG SPECIAL

Prototype: 2-axled narrow gauge open goods wagon of the German State Railway (DRG) with brakeman's platform. In operation condition of the 1930s. Service: transportation of goods resistant to any weather conditions. Finely detailed and wrought model with brakeman's platform. Overall length: 67 mm.



## HOe covered goods wagon, DRG SPECIAL

Prototype: 2-axled narrow gauge covered goods wagon of the German State Railway (DRG) with brakeman's platform. In operation condition of the 1930s. Service: transportation of goods resistant to any weather conditions. Finely detailed and wrought model with brakeman's platform. Overall length: 67 mm.



## Set of H0e-roll wagons, DR

Prototype: One 4-axle narrow gauge roll wagon carries a boxcar of the German State Railway (DR). Operation condition: 1960s. Service: Transportation of standard gauge goods wagons on narrow gauge lines.

Model: Finely detailed appearance of roll wagons and goods wagons. Fixing of the boxcar with the wheel coigns. Chassis of the roll wagon: Zink high pressure die casting. Coupleable to any HOe vehicle. With a coupling rod included in the set. Overall length per wagon: 115 mm.



## HOe roll wagon, DR SPECIAL

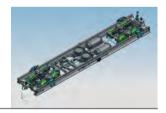
Prototype: 4-axled narrow gauge roll wagon of the German State Railway (DR). In operation condition of the 1980s. Service: transportation of standard gauge goods wagons on narrow gauge lines. Finely detailed appearance of the roll wagon with chassis made from zinc high pressure die casting. Couplable with provided coupling rod with every HOe vehicle. Overall length of the roll wagon: 104 mm.



## **HOe set of transporter wagons of the DR**

Prototype: Three 4-axled narrow gauge transporter wagons. Operating condition: 1960's. Service: Transport of standard gauge wagons over narrow gauge lines. Model: Complete new construction. Finely detailed reproduction with different running numbers. A 2-axled standard gauge HO wagon can be loaded onto each of the transporters. The wagons can be secured by using the enclosed wheel chocks. Chassis of diecast metal. Can be coupled up to all H0 e vehicles using the enclosed coupling bar. Overall length of each wagon: 104 mm.





## H0e open goods wagon of the DR

Prototype: 4-axled open, narrow gauge goods wagon of the Deutsche Reichsbahn (DR). Operating condition: 1960's.

Service: Transport of perishable goods.

Model: Finely detailed reproduction with brakeman's cab. Overall length: 128 mm



34598





**RRP** € 54.00

34571





RRP € 27.50

34595





RRP € 80.00

34528





**RRP** € 33.90

NR





RRP € 40.60

34530

DR



RRP € 34.70

34550

DR





RRP € 23.00

34551

DR



RRP € 23.00

## **HOe boxcar of the DR**

Prototype: 4-axled narrow gauge boxcar of the Deutsche Reichsbahn (DR). Operating condition: 1960's.

Service: Transport of various goods.

Model: Finely detailed reproduction with brakeman's cab. Overall length: 128 mm.



## HOe stake wagon of the DR

Prototype: 4-axled narrow gauge stake wagon of the Deutsche Reichsbahn (DR). Operating condition: 1960's.

Service: Transport of various goods.

Model: Finely detailed reproduction with brakeman's cab. Overall length: 128 mm.



## HOe open goods wagon of the DR

Prototype: 2-axled open, narrow gauge goods wagon of the Deutsche Reichsbahn (DR). Operating condition: 1960's.

Service: Transport of various goods.

 ${\it Model: Complete new construction. Finely detailed reproduction with brakeman's platform.}$ 



## **HOe open goods wagon of the DR**

Prototype: 2-axled open, narrow gauge goods wagon of the Deutsche Reichsbahn (DR). Operating condition: 1960's.

Service: Transport of various goods.

Model: Complete new construction. Finely detailed reproduction.



## **HOe box goods van of the DR**

Prototype: 2-axled, narrow gauge box van of the Deutsche Reichsbahn (DR). Operating condition: 1960's.

Service: Transport of various goods.

Model: Complete new construction. Finely detailed reproduction with brakeman's platform.



## H0e box goods van of the DR

Prototype: 2-axled, narrow gauge box van of the Deutsche Reichsbahn (DR). Operating condition: 1960's.

Service: Transport of various goods.

Model: Complete new construction. Finely detailed reproduction.



## Set of H0e potatoe wagons, DR

Prototype: Thre 2 axle narrow gauge goods wagons of the German State Railway (DR). Operation condition: 1960s.

Service: Transportation of potatoes on the Baltic Sea Island Rügen.

Model: Finely detailed appearance with different running numbers. Loaded with potatoes per replica in full scale.

Overall length per wagon: 67 mm.



## **HOe Feldbahn goods wagon set**

Prototype: Two 4 axled Feldbahn goods wagons, loaded with potatos. Operating condition: 1960's.

Service: Transport of various goods.

Model: Finely detailed reproduction with different running numbers.



34552





RRP € 23.00

34553



RRP € 23.00

34599





34515

€ 91.00

**RRP** € 27.40



# Der Bär ist los-!

Erinnern Sie sich noch? Im Modelleisenbahn report 1/2009 hatten wir angekündigt, dass Roco in naher Zukunft einen Ötscherbären für die Spurweite H0e in den Handel bringen wird. Jetzt ist es soweit: Der Bär ist los! Ab sofort ist unter der Art.-Nr. 31026 das Personenzug-Set in der aktuellen Ötscherbär-Lackierung der Mariazellerbahn zu haben.

Das Vorbild der Lok aus dem neuen digitalen Set von Roco ist bereits die zweite Generation des Ötscherbären. Zwei Jahre lang war der ältere Bruder unserer braunen Lok schon in seinem Bärenkostüm auf der Strecke der Mariazellerbahn unterwegs, bis er 2009 von der Lok 1099.010 samt dreier Wagen Unterstützung bekam. Dank der zweiten Zug-Garnitur kann der "Bären-Express" jetzt an 365 Tagen im Jahr Touristen von St. Pölten nach Mariazell und zurück bringen. Damit der Komfort für die Reisenden nicht zu kurz kommt, wurde der neue Zug, wie zuvor sein älterer Bruder, für seinen Bärendienst komplett umgestaltet. Neben der technischen Sanierung der Lok ist auch der Innenraum der Wagen erneuert worden. Neugepolsterte Sitze und zusätzliche Ablageflächen sollen für eine angenehme Atmosphäre sorgen. Große Gepäckabteile machen es möglich, dass die Urlauber nicht nur ihre Koffer unterbringen, sondern auch ihre Skier und Fahrräder. Wer es ganz besonders beguem haben möchte, löst ein Ticket für die Komfort-Klasse und genießt die Aussicht auf die Ötscher-Landschaft bei großzügigen Platzverhältnissen. Apropos Aussicht: Die Wagen des Ötscherbären sind mit nagelneuen Isolierscheiben ausgestattet - dadurch beschlagen die Fenster nicht mehr und selbst im Winter bleibt der Blick nach draußen ungetrübt.

#### Der Ötscherbär in H0e

Das brandneue digitale Roco-Set umfasst eine fein detaillierte Ausführung der Lok 1099.010 in authentischer brauner Lackierung und mit Bärenemblem sowie – ebenfalls im Mariazeller-Braun – zwei 2.-Klasse-Wagen mit unterschiedlichen Betriebsnummern und ein 1./2.-Klasse-Wagen. Außerdem gehören zum Set eine umfangreiche H0e-Gleisfigur

mit 16 Geraden inklusive Anschlussgleis, zwei Handweichen links, eine Handweiche rechts, ein Ausgleichsbogen, zwei Ausgleichsgeraden und 12 Bogen Standardradius sowie ein leistungsstarker Universaltransformator, ein Digital-Verstärker und eine multiMAUS. Das H0e-Personenzug-Set Öterscherbär mit der Art.-Nr. 31026 kostet UVP 449 Euro.

#### Hintergrund

Der Ötscherbär ist Erfolgsprojekt und Aushängeschild des österreichischen Tourismus. 2007 - und damit pünktlich zum 100-jährigen Jubiläum der Mariazellerbahn – hat die Niederösterreichische Verkehrsorganisationsgesellschaft m.b.H (NÖVOG) den Erlebniszug erstmals auf die 85 Kilometer lange Strecke zwischen St. Pölten und dem Wallfahrtsort Mariazell geschickt. Das beliebte Ausflugsziel in der malerischen Ötscherlandschaft hatte damit eine neue Attraktion gewonnen. Für die gebirgige Strecke wurde eine Lok aus der bewährten zugkräftigen Baureihe 1099 ausgesucht - die Wahl fiel auf die E-Lok Rh 1099.013. Zusammen mit sieben Wagen wurde die Lok von Grund auf erneuert und frisch von oben bis unten im traditionellen Braun der Mariazellerbahn lackiert. Als Erkennungszeichen bekam die Lok auf der Front ein putziges Bären-Logo verpasst. Ein Name war schnell gefunden: Ötscherbär, eine Anspielung auf die Braunbären, die in den 1990er-Jahren in Niederösterreich ausgewildert wurden.

Übrigens: Wer einmal selbst mit dem echten Ötscherbären fahren möchte, aber in nächster Zeit nicht nach Österreich kommt, der kann sich auf eine virtuelle Reise begeben. Das funktioniert unter folgendem Internet-Link: www.noevog.at/mariazellerbahn/virtuelle\_reise.html.

#### 34601 34602 34600 Two-unit tipping truck set RRP € 11.40 Two-unit cement tipping truck set RRP € 11.40 Two-unit pivoted bolster truck set RRP € 11.40 34603 34604 34605 RRP € 11.40 RRP € 11.40 RRP € 11.40 Two-unit crate truck set Two-unit coal mine truck set Two-unit coal truck set 34606 34607 34610 Two-unit mine truck set RRP € 11.40 Two-unit bridge truck set RRP € 11.40 Two-unit light railway truck set RRP € 27.20 32200 32201 32202 mmuntappinimmanappinimm HOe flexible narrow gauge track RRP € 5.90 HOe flexible Feldbahn track RRP € 5.90 H0e narrow gauge standard straight track RRP € 2.20 32203 32401 Length 47,9 mm. Packing unit 12 pieces / package. The tracks are also sold separately by model railway electric, branch angle 24° retailers. Price per piece. Length of the straight track 104.2 mm. Radius of the branch track 194.6 mm. RRP € 2.20 H0e track - straight adjustment section, 47.9 mm. 32204 Standard radius 261,8 mm, 30°. Packing unit 12 pieces / package. The tracks are also sold separately by model railway retailers. Price per



piece.

H0e track - standard radius, 261.8 mm, 30°.

Insulating rail joiners

RRP € 2.20

Light railway turnout RRP € 28.20

32205



Radius 493 mm, 13,1°.

Packing unit 12 pieces / package. The tracks are also sold separately by model railway retailers. Price per piece.

H0e track - adjustment curve, 13.1°, radius 493 mm.

RRP € 2.20

32210



Suitable for H0e-track 32200.

Packing unit 12 pieces / package. The tracks are also sold separately by model railway retailers. Price per piece.

Sleeper end piece, matches H0e track 32200.

RRP € 0.40

Light railway turnout

RRP € 28.20

32403

electric, branch angle 24°

Length of the straight track 104.2 mm. Radius of the branch track 194.6 mm.

light railway flex track 32201.



Sleeper end piece, matches

RRP € 0.40

32409

32419

metal cross frog Matching electric mechanism, surface mount. 22218 – left, 22219 – right.



H0e below-baseboard turnout 15°

manual/ under-baseboard turnouts.

RRP € 18.70

H0e below-baseboard turnout 15°

metal cross frog Matching electric

mechanism, surface mount.

22218 - left, 22219 - right.

32411

RRP € 18.70

RRP € 3.10

32418

Turnout mechanism, suitable for all H0e turnouts Double spool motor with shut-off mechanism. Can be used as replacement as well as for later upgrading of manual/ under-baseboard turnouts.



H0e / TT left turnout mechanism

RRP € 17.60

0

Turnout mechanism, suitable for all H0e turnouts

Double spool motor with shut-off mechanism. Can be

used as replacement as well as for later upgrading of

H0e / TT right turnout mechanism

RRP € 17.60

32413

(app. 24 piecs per pack.)



Rail joiners

RRP € 4.40

32414

(app. 24 piecs per pack.)



Insulating rail joiners

RRP € 2.60

32417

no interference suppression



Connecting cable

228

Narrow gauge railway



TT Scale www.roco.cc







RRP € 319.00

36026











**RRP** € 444.00

35002





**RRP** € 289.00

35003





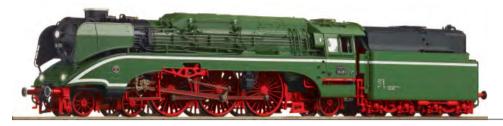




**RRP** € 429.00

## BR 18 201 steam locomotive, DR

Prototype: BR 18 201 heavy goods locomotive with of the German State Railway (DR). Wheel arrangement: 2'C1'h3. Operation condition: 1960s. Service: High quality passenger transportation. Model: Finely detailed appearance with exclusive metal wheelset. With 3 headlights and LED lighting. Overall length: 210,8 mm.



## BR 18 201 steam locomotive, DR

Prototype: BR 18 201 heavy goods locomotive with of the German State Railway (DR). Wheel arrangement: 2'C1'h3. Operation condition: 1960s. Service: High quality passenger transportation. Model: Finely detailed appearance with exclusive metal wheelset. With 3 headlights and LED lighting. With integrated sound generator. Ex works. Overall length: 210,8 mm.



## Digital starter set TT, DR

Starter set in scale TT, with BR132 Diesel locomotive of the DR, with 4 heavy duty wagons loaded with slabs. The sets consists of one multi-Mouse 10810, one digital amplifier 10764, one universal transformer 10725 for the power supply. The set comes without tracks.



#### TT Digital starter set, DR

Prototype: One Diesel locomotive type 220 and four container wagons carrying two 20ft containers. German State Railway (DR). Wheel arrangement: Co'Co'. Operation condition: 1990s. Model: Set Contents: One Diesel locomotive that corresponds to the original appearance of the "Taigatrommel", container wagons, one Multimaus 10810, one DCC digital decoder and one plug in power supply. The set comes without tracks.



## TT BR 18 201 steam locomotive in red livery, DB AG SPECIAL

Prototype: fast going steam locomotive type 18 201 of the Deutsche Bahn AG (DB AG). Wheel arrangement: 2'C1' h3. Since 2002 the locomotive comes in a special red livery and is used for hauling special trains throughout Germany. Finely detailed complete reconstruction with multiple added pieces in red livery and with oil tender. With triple headlight. LED lighting. Overall length: 210 mm.



## TT BR 18 201 steam locomotive in red livery, DB AG, with sound SPECIAL

Prototype: fast going steam locomotive type 18 201 of the Deutsche Bahn AG (DB AG). Wheel arrangement 2'C1' h3. Since 2002 the locomotive comes in a special red livery and is used for hauling special trains throughout Germany. Finely detailed complete reconstruction with multiple added pieces in red livery and with oil tender. With triple headlight. LED lighting. Overall length: 210 mm.













36027





RRP € 319.00

36028











**RRP** € 444.00





RRP € 249.00

36000





RRP € 99.00

36014







RRP € 249.00

36011





**RRP** € 224.00

## BR 44 ÜK steam locomotive, DR

Prototype: BR 44 ÜK heavy goods locomotive with separate tender of the German State Railway (DR). Wheel arrangement: 1'E h3. Operation condition: 1930s. Service: heavy goods trains. Model: Finely detailed appearance with coal tender and Wagner smoke deflectors.a With 3 headlights. Overall length: 190 mm.



## Steam locomotive, class 80 of the DR

Prototype: Tank engine, class 80 of the Deutsche Reichsbahn (DR). Axle arrangement 0-6-2. Operating condition: around 1960. Service: Shunting and light, local goods trains. Model: Finely detailed reproduction. Overall length: 81 mm



#### **BR 44 steam locomotive, DR**

Prototype: BR 44 heavy goods locomotive with separate tender of the German State Railway (DR). Wheel arrangement: 1'E h3. Operation condition: 1960s. Service: heavy goods trains. Model: Finely detailed appearance with coal tender. With 3 headlights. Overall length: 190 mm.



## **BR 44 steam locomotive, DR**

Prototype: He avy goods locomotive, class 44 of the Deutsche Reichsbahn (DR). Axle arrangement 1' E h3. Operating condition: 1970's. Service: Heavy goods trains. Model: Complete new construction. Finely detailed reproduction with Witte smoke deflectors and coal tender. With double headlight. Overall length: 190 mm



## BR 44 ÖL steam locomotive, DR

Prototype: BR 44 ÖL heavy goods locomotive with separate tender of the German State Railway (DR). Wheel arrangement: 1'E h3. Operation condition: 1970s. Service: heavy goods trains. Model: Finely detailed appearance with oil tender and with simplified version of the cab "Kriegs-Übergang-Führerhaus". With 3 headlights. Overall length: 190 mm.



## Diesel locomotive series V200. DR

Prototype: Diesel locomotive type V200 of the German State Railway (DR). Wheel arrangement: Co'Co'. Operation condition: 1960s. Service: Mainly for goods traffic. Model: Finely detailed appearance that corresponds to the original "Taigatrommel", the roof part has no silencers, with ventilators as shown on the original construction, with coal tender and Wagner smoke deflectors, side walls with threepart blinds. Overall length: 146 mm.



## V200 Diesel locomotive "Taigatrommel", DR

Prototype: Diesel locomotive type 120 of the German State Railway (DR). Wheel arrangement: Co'Co'. Operation condition: 1970s. Service: predominantly goods trains. Model: Finely detailed appearance that corresponds to the original "Taigatrommel"; the roof area is equipped with a silencer type "Meiningen" and a fin ventilator; moreover it features u-shaped grab bars on the front sides and 2-part ventilator blinds on the side walls. Overall length: 146 mm.



## **V200** Diesel locomotive "Taigatrommel", MAV

Prototype: Diesel locomotive type M 62 of the Hungarian State Railway (MAV). Wheel arrangement: Co'Co'. Operation condition: 1970s. Service: predominantly goods trains. Model: Finely detailed appearance that corresponds to the original "Taigatrommel"; the roof area has no silencers and is equipped with ventilators as shown on the original construction; moreover it features chromed grab bars on the front sides and 3-part ventilator blinds on the side walls. Overall length: 146 mm.



36012

DR





RRP € 249.00

36239

DR





RRP € 154.00

36230

DR





36233







RRP € 144.90

233

TT Scale





RRP € 144.90

36240







RRP € 159.00

36241

**PRIVAT** 





**RRP** € k. A.

36237







**RRP** € 154.00

## V200 Diesel locomotive "Taigatrommel", PKP

Prototype: Diesel locomotive type M 62 of the Polish State Railway (PKP). Wheel arrangement: Co'Co'. Operation condition: 1970s. Service: predominantly goods trains. Model: Finely detailed appearance that corresponds to the original "Taigatrommel"; the roof area has no silencers and is equipped with ventilators as shown on the original construction; moreover it features chromed grab bars on the front sides and 3-part ventilator blinds on the side walls. Overall length: 146 mm.



## T679 Diesel locomotive, CSD SPECIAL

Prototype: Diesel locomotive type V200 ("Taigatrommel") of the CSD. Wheel arrangement Co'Co'. Operation condition of the late 1990s. Service: goods trains Germany-wide. Finely detailed and printed appearance in livery true to the original. Overall length: 146 mm.



#### TT M62 Diesel locomotive, Polska Rail SPECIAL

Prototype: Diesel locomotive type M62 ("Taigatrommel") of the Polish private railway Polska Rail. Wheel arrangement Co'Co'. Current operation condition. Service: mainly in cross-border goods traffic between Germany and Poland. Finely detailed and printed model in livery true to the original. Overall length: 146 mm.



#### M 62 Diesel locomotive, RZD

Prototype: Electric Diesel locomotive type series M62 of the Russian State Railway (RZD). Wheel arrangement: Co'Co'. Operation condition: approx. 2000s. Service: Goods trains. Model: In original green livery and modified appearance. Overall length: 146 mm



## M 62 Diesel locomotive, RZD

Prototype: Electric Diesel locomotive type series M62 of the Russian State Railway (RZD). Wheel arrangement: Co'Co'. Operation condition: approx. 2000s. Service: Passenger and goods trains. Model: In original blue-white livery and modified appearance. Runs on route Königsberg-Poland. Overall length: 146 mm.



## **BR 132 Diesel locomotive, DR**

Prototype: Heavy BR 132 electric Diesel locomotive of the German State Railway (DR). Wheel arrangement: Co'Co. Operation condition: 1980s. Service: Passenger and goods trains. Model: Finely detailed appearance with triple headlight and 2 red rear end lights. With modified running number.



## BR 130 Diesel locomotive, Deutsche Reichsbahn (DR)

Prototype: Heavy electric locomotive type BR 130 of the Deutsche Reichsbahn (DR). Wheel arrangement: Co'Co'. Operation condition: approx. 1970s. Service: Goods trains. Model: Finely detailed appearance of the BR 130 102-7 with triple headlight and 2 red rear end lights. Overall length: 174 mm.



#### W 232 Diesel locomotive, ITL

Prototype: Heavy electric Diesel locomotive type W 232-09 (former BR 232) of the ITL Eisenbahngesellschaft mbH, Dresden. Wheel arrangement: Co'Co'. Operation condition: Up-to-date. Service: Goods trains. Model: Finely detailed appearance with angular buffers, triple headlight and 2 red rear end lights. Overall length: 174 mm.



36238







RRP € 154.00

36212

DR





RRP € 154.00

36226

DR





RRP € 154.00

36224

**PRIVAT** 





RRP € 154.00

235

**PRIVAT** 





RRP € 154.00

36225







RRP € 154.00

37583







RRP € 58.90

37584





RRP € 116.00

## **BR232 Diesel locomotive, TLG**

Prototype: Heavy electric Diesel locomotive type 446-5 of the TLG. Wheel arrangement: Co'Co'. Operation condition: approx. 2000s. Service: Goods trains. Model: Finely detailed appearance in yellow-blue livery, with triple headlight and 2 red rear end lights. Overall length: 174 mm.



## **BR 232 Diesel locomotive, DB AG**

Prototype: Heavy electric Diesel locomotive type BR 232 of the German Railway AG (DB AG). Wheel arrangement: Co'Co'. Operation condition: approx. 2005s. Service: Goods trains. Model: Finely detailed appearance in traffic red livery and with angular buffers. With changed running numbers. Triple headlight and 2 red rear end lights. Overall lights: 174 mm.



## TT 2 piece set of heavy duty wagons, DR SPECIAL

Prototype: 4-axled heavy duty wagons of the German State Railway (DR), loaded with T55 tanks of the Red Army (USSR) in operation condition of the 1970s. Finely detailed models with brakeman's platform and different running numbers. Reconstructed tank models. Overall length per wagon: 90 mm.



## Set of heavy duty wagons, DR SPECIAL

Prototype: Four 4-axle heavy duty wagons of the German State Railway (DR), loaded with tanks type T55 of the Nationale Volksarmee (NVA). Operation condition: 1970s. Service: Transportation of heavy duty vehicles. Model: Finely detailed appearance with brakeman's platform. Loaded with newly contructed tank models. Modified running numbers. Overall length per wagon: 90 mm.



DR freight car with sliding walls SPECIAL



DB AG freight car with sliding walls SPECIAL



## DB freight car with sliding walls

Model of vehicle in aged condition.



TT heavy duty wagon, CSD SPECIAL

Prototype: 4-axled heavy duty wagon of the CSD, loaded with a T55 tank. In operation condition of the 1970s. Finely detailed model with brakeman's platform. Reconstructed tank model. Overall length: 90 mm.



37546





RRP € 22.50

37545







RRP € k. A.

37562







37585







RRP € 58.90







RRP € 25.40

35900

RRP € 299.00

35901

RRP € 15.60

30390 30391

RRP € 4.40 RRP € 72.00

## Container carrying wagon, DB AG

Prototype: 2-axle container carrying wagon of the German Railway AG (DB AG). Loaded with 2 containers. Operation condition: approx. 2000s. Service: Transportation of containers. Model: Finely detailed appearance. Overall length: 124 mm



## Complementary set for the TT-turntable 35900

Electric turntable for track gauge TT, with a revolving platform length of 183 mm. Comes with 6 ascent-descent tracks and one turntable mounting. The maximum possible 24 ascent and descent tracks stand at an angle of 15 degrees to each other. Only the tracks that are connected to the revolving platform are power supplied. The locomotives can be extended up to a 170 mm wheel base length.



## Complementary set for the TT-turntable 35900

The set consists of 6 ascent/descent tracks. A maximum of 24 tracks can be connected to the turntable.



TT-Couplings

SPECIAL



30390: Content 2 pieces/package.



30391: Content 50 pieces/package.



Tracks

## Roco geoLine - quick to the goal

Whether you are a hobby toy train enthusiast or a landscape designer, a beginner or a seasoned pro - if you want to get your train engines onto the tracks quickly then Roco geoLine-Gleis is exactly right for you. Take it out of the box, connect it together, plug it in and you are ready to have fun.

#### The most important Specifications

The geoLine-Gleis system excels because it is so easy to handle. The track parts are simply plugged together on the front and back end of the rail bed with sturdy connectors. The stainless steel fishplates guarantee an uninterrupted transfer of electricity from track to track.

The geoLine-Gleis system is based on a fixed grid pattern for the tracks that relates to every track part - curve, switch or straight. The advantage for you is that you can build almost every track layout without having to rely on pieces of different lengths.

The ballast underlay is made out of hard and stabile plastic that gives the geoLine-Gleis enough rigidity. You can layout the track oval on the carpeting just as much as on a solid wood platform. Because the track is well manufactured and very sturdy it is nearly unbreakable. The excellent stability of the geoLine-Gleis is achieved by lateral ribs that are attached in irregular distances to the underside of the ballast underlay. These lateral ribs also dampen the driving noise.

The surface structure and the coloring of the ballast underlay give the geoLine-Gleis an exemplary appearance. The time consuming preparation of the ballast underlay with ballast is not necessary any longer. The material does of course allow a later adjustment of the geoLine-Gleis.

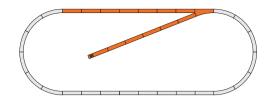
The tracks are made of new silver and have a profile height of 2.1 mm. New silver is highly resistant against oxidation and shows very little abrasion even after years of use. Due to the track profile and the sealing of the surface the tracks collect almost no dust. This allows a good continuous contact between the track and the wheels and guarantees an uninterrupted supply of electricity.

## The track set - ABC

The model train novice can choose from four ready designed solutions in the Roco track set assortment. The track sets A through E are compatible and expandable. The additional purchase of set B through E expand your system A to a respectable model train set in no time at all. Short term driving fun is guaranteed.

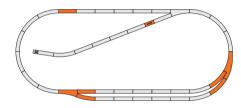
#### Track set A: The start

The model train beginners start their career with the track set A, a single track oval. The track set A is part of all the Roco-starter sets.



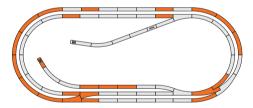
#### Track set B: Switch open

With the track set B the model train starters get the first expansion to track set A: A manually operated switch, several additional straight parts as well as a buffer stop and an underlay end piece that form an oval with a holding siding. Simple switching moves can be accomplished.



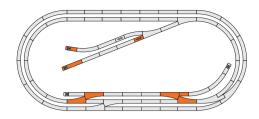
#### Track set C: Attention on track C

... a train comes into the station. With the train set C you are the engine driver, the shunter master, and the platform supervisor in one person. The train set C contains two additional straight parts, two radiuses, an opposing radius, a switch and a radius switch that are enough track parts to form a two track railway station. There is plenty of room for passing trains, train stops or the changing from one train to the other for your model passengers. Track set C contains a manual operated switch release for the holding siding with which you can disengage train cars from the rest of the train manually.



#### Train set D: On double tracks

With the track set D you will get more straight pieces, radiuses and switches for a double track oval that spans approximately 2,4 meters in length and 1,1 meter in width. From the track parts you can design a double track railway station with an additional holding siding and on the opposing side of the station an extra siding holding with a coupler release element. Now you can operate multiple trains - also in opposing directions - on the track oval. The heavy freight train can wait in the station while the super fast ICE goes by. At the same time you can make another switching move on the siding holding



#### Track set E: Ending

With the fifth set – track set E – your railway track becomes busy. At the same time as trains run on the two outer track ovals, you are

able to shunt your trains on the four holding sidings. Two of the four holding sidings branch off at the three track railway station area. The altogether 10 turnouts guarantee movement on your railway track. Shunt your trains, stop one and let the other go by, change from one track to another – you are the locomotive driver and decide on which journey your trains go.

The 5 geoLine track sets which can be built upon the other guarantee a diversified train service on your railway track. The track sets also offer the opportunity to expand an already existing railway track. Of course all track components of the different track sets are available separately.

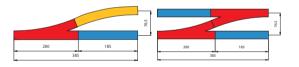
## geoLine-tracks

The geoLine system is ideal for creating your railway track all by yourself or for designing and building your own track layout. 18 track components of the geoLine – straight tracks, curved tracks of various radii and several turnout types – as well as flex tracks are at your disposal for a multitude of interesting and varied track figures.

#### The geoLine geometry

Tip: Familiarise yourself with the geometry of the geoLine system, then you will be able to easily create more complicated track figures. All track components are based on a constant basic grid. Since all geoLine track components can be combined an any user-defined way, you do not need any equalising pieces to build your railway track.

The basic grid is a rectangle of 38,5 cm x 7,65 cm. A simple track



Legende:

Ocker: Gerade G200 Blau: Gerade G185 Dunkelrot: Gerade G100

Gelb: Bogen GB2

Rot: Weiche Violett: Dreiwegweiche Grün: Doppelkreuzungsweiche

figure consisting of a turnout, a straight track and a reverse curve fits into this grid. Turnout and straight track add up to the length of the basic grid – 38,5 cm. The distance between straight track and reverse curve adds up to the width of the basic grid – 7,65 cm. This width is also called parallel track distance.

#### Track components

Apart from four straight tracks of different lengths, the geoLine product range includes curved tracks of R2, R3 and R4 radii. These radii also correspond to the geoLine basic grid. The radius gets wider with every curved track, always increased by the parallel track distance of 7,65 cm. Twelve 30° curved tracks add up to a complete circle. The geoLine track system contains furthermore six different turnout types. The turnouts stand out due to the high quality of their switch tongues: the massive tongues are milled from profiles, the guidance is ensured by stabile joints. This guarantees a safe long-term train operation. Your locomotives pass every geoLine set of turnouts without any difficulties. The turnouts are factory-fitted with an manual turnout mechanism, but they can be upgraded later with an electric turnout mechanism. A special decoder (item no 61196) is available for digital operation. A crossing completes the geoLine product range.

#### geoLine accessories

Track nails are available for permanent fastening of the geoLine track on a stabile surface. Hidden nail holes for the track nails can be found on specific geoLine track sleepers. We recommend piercing the hole for the track nail from the bottom side of the track element with a sharp and pointed object. This facilitates the later fastening of the nails.

#### **Power supply element**

A power supply element feeds the geoLine-Gleis systems. Therefore no additional track deeder section is needed. The power supply element is clipsed on any straight or curve directly underneath the geoLine-Gleis system. To make the on-clipsing much easier you will find special mountings for the power supply elements underneath the geoLine track bed. In regular distances you also find plug-ins for the connection cables on the embankement. There the plastic material is thinner and can easily be removed with a file.

Please note that you will need different power supplies for the analogue and the digital operation mode. The analogue power supply (Article No. 61191) has an anti interference condenser and a connection cable with a hollow plug. The power supply for the digital

operation (Article No. 61190) is without anti interference condenser and has a connection cable with a two prong plug.

#### **Insulation connector**

If you have to interrupt the electric current, for example in front of a signal, you will have to use an insulation connector at the end of the track. To insert the insulation connector you will have to remove the shin with the removal tool - it is included in every insulation connector package - and replace it with the insulation connector.

#### **Uncoupling track**

For the new geoLine-Gleis system there is an electric (Article No. 61118) and a manual (Article No. 61119) uncoupling track available. In case you would like to operate the electric uncoupling track also digitally you will have to use an additional uncoupling decoder (Article No. 61197).

Also available for the geoLine-Gleis are the Reed contacts (Article No. 61193) or the separate control track (Article No. 61117). Both are necessary to trigger a switch impulse, for example at a traffic signal, when driving on the track. To lower the noise level of your system you can add track insulators (Article No. 61181) that assist the already integrated lateral ribs. Those reduce the transfer of driving noise and vibrations to the base or platform of your system.

#### **Uncoulping track**

For the geoLine-Gleis system are an electric (Article No. 61118) and a manuel uncoupling track vailable.

#### Glossar

Turnout Turning track of a switch

Turnout angle Angle in degrees that splits the turnout parts from the straight track

Asymmetrical threeway turnout A switch that has two turnout tracks at different portions of the straight track on the left and right side

Curve switch Switch with a curved main track

Double crossing switch The double crossing switch allows a switching of tracks in both driving directions other then

the simple crossing switch

Simple crossing Two tracks cross each other without the possibility to switch from one track to the other

Simple crossing switch A simple crossing switch is a crossing that is supplemented by a switch in a way that allows the

swithching from one track to another at least in one direction.

Uncoupling track Track part with mechanism to release the wagon couplings of a train

Opposite curve Curved track part after a switch to get the second track back to the parallel distance of the first track. Parallel track distance The distance from the middle of one track to the middle of a second track that runs parallel to the first.

Main track Main track on a switch.

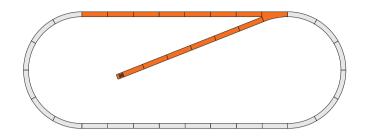
Symmetrical threeway turnout A switch that has a turnout on the same portion of the main track going off left and right.

**Turnout Track** Construction that allows trains to switch from one track to another.

The turnout track departs to the left or right from the main track.

#### Track description and abbreviation

The description of the individual geoLine-Gleis parts and articles is comprised by the name and an abbreviation of the capital letters and numbers. The capital letters are usually the first letter of the name of the article - G like Straight - or stands for the first letters of the comprised parts of a part: DKW stands for simple crossing switch. The letters r and I abrreviate the turnout direction of a switch - right or left. The number following the letters indicates the length of a track part: G100 stands for a straight track that is 100 mm long. In the case of a double crossing switch the number indicates the angle between the turnout track and the main track.



#### Track set B

Track set B contains:

(61110) 13 straight track elements G200

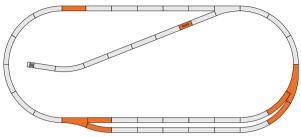
(61149) 1 manual turnout, left

(42608) 1 track bumper

(61180) 1 roadbed end piece

• Space required: approx. 250 x 90 cm

61102



#### Track set C

Track set C contains:

(61128) 1 complementary curve

(61123) 2 R3 curves

(61111) 2 G185

(61119) 1 manual uncoupler track

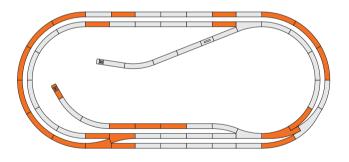
(61155) 1 manual curved turnout, right

(61141) 1 manual turnout, right

• Space required: approx. 230 x 100 cm

## RRP € 45.00

#### 61103



#### Track set D

Track set D contains:

(61110) 3 straight track elements G200

(61113) 1 straight track elements G100

(61123) 1 R3 curves

(61124) 10 R4 curves

(61149) 2 manual turnouts, left

(61154) 1 manual curved turnout, left

(42608) 1 track bumper

(61180) 1 roadbed end piece

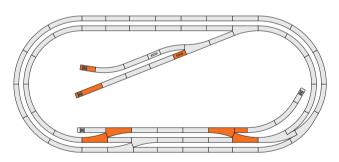
(61111) 6 straight track elements G185

• Space requirement approx. 243 x 106 cm

#### RRP € 102.00

## RRP € 58.00

#### 61104



#### Track set E

Track set E contains:

(61119) 1 manual uncoupler track

(61113) 2 straight track elements G100

(61110) 1 straight track elements G200

(61149) 2 manual turnouts, left

(61141) 2 manual turnouts, right

(42608) 2 track bumpers

(61180) 2 roadbed ends

• Space required: approx. 243 x 106 cm

## RRP € 85.00

## 61106 **G800** flex track

Length 800 mm, addition to 61183 sleeper end pieces. RRP € 12.50

## 61110 **G200** straight track elements

Length 200 mm (standard length)

RRP € 2.20

## 61111 straight track elements G185

Length 185 mm adapter track for 22.5° type turnouts

RRP € 2.30

## 61113 straight track elements G100

Length 100 mm, half standard straight element RRP € 2.00

## 61118 G100 uncoupler track

Electric Length 100 mm RRP € 23.40

## 61119 G100 manual uncoupler track

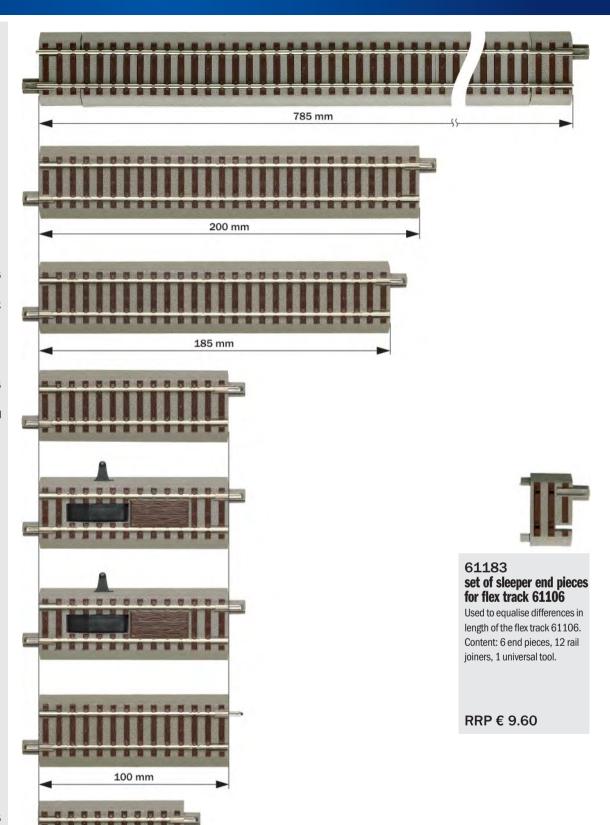
Length 100 mm, cannot be retrofitted for electric operation RRP € 8.90

## 61120 **G100** adapter track

Between geoLine and ROCOLINE rails
Length 100mm with roadbed RRP € 2.40

## 61112 straight track elements G76,5

Length 76.5 mm **RRP € 2.00** 

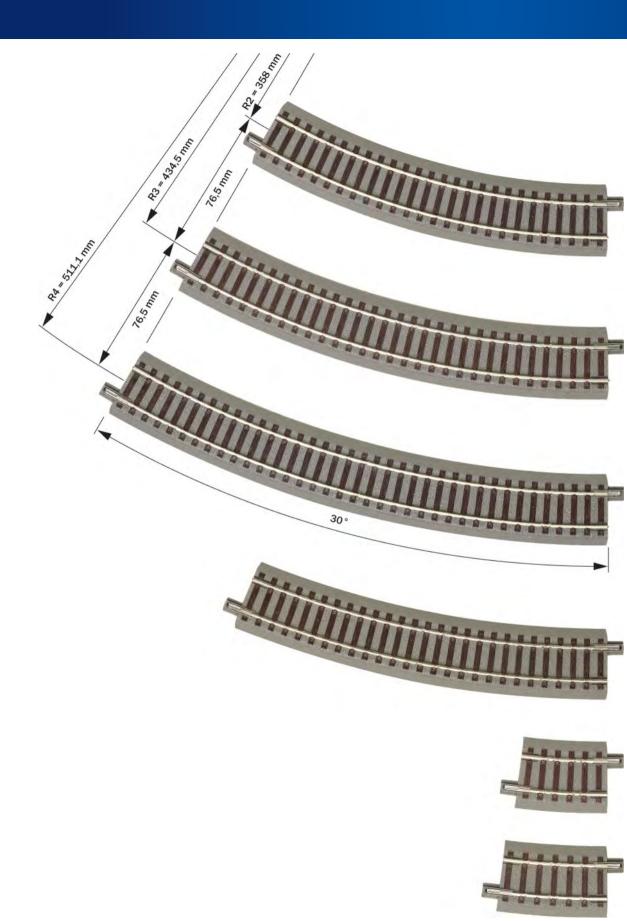


Packing unit 12 pieces /

package. The tracks are also

sold separately by model railway retailers. Price per piece.

76,5 mm



61122 curved track R2 r358 mm/30° RRP € 2.40

61123 curved track R3 r 434,5 mm/30° RRP € 2.50

61124 curved track R4 r511,1 mm/30° RRP € 2.80

# 61128 **2GB** complementary

adapter track for 22,5° turnout, Radius 502,7mm RRP € 2.50

61129 curved track R2 r358 mm/7,5° RRP € 2.30

61130 curved track R3 r 434,5 mm/7,5°

RRP € 2.30



## 61141



## **Turnout, left**

Length 200 mm, branch radius 502.7mm, branch angle, 22.5°.

RRP € 18.20

## **Turnout, right**

Length 200 mm, branch radius 502.7mm, branch angle. 22.5°.

RRP € 18.20

61154



#### 61155



## Curved turnout, left 3/4

Radius of the main track and the branch line 434.5 mm/30  $^{\circ}$ 

RRP € 27.90

Curved turnout, right 3/4

Radius of the main track and the branch line 434.5 mm/30°

RRP € 27.90

61160



61164



## **Three-way turnout**

Three-way turnout, DWW 22.5°, symmetrical, Length 200mm

RRP € 40.00

## **Double slip switches**

DKW double slip switch 22.5°, Length 200mm

RRP € 44.50

61180





## Roadbed end piece

These end pieces are used to obtain a neat termination of track ballast after bumpers, on display-case tracks etc. 6 units per pack.

RRP € 5.90



**Feed-in element** It can be connected to any straight or curved element at a point defined in the factory. The analog feed-in element 61191 is supplied with an interference suppressor and the digital feed-in element 61190 without an interference suppressor. **RRP € 4.70** | € **4.60**  61192



Insulated rail connector with general purpose tool

 $28\,\mbox{units/pack}.$  can also be used for other track systems

RRP € 3.50

61193



Reed contact in plastic housing

with resistor-capacitator unit

This potential-free switch contact can be installed at the designated points.

RRP € 7.90

61181



**Rail damping element** 

56 units/pack

RRP € 5.50

61195



61196



**General-purpose turnout actuator** 

 $for \, geo Line \, turnouts$ 

RRP € 19.90

**Turnout decoder geoLine** 

To match turnout actuator 61195. For detailed technical information see chapter "Digital",

RRP € 24.60

61197



61117



**Uncoupler decododer** 

For detailed technical information see chapter "Digital",

RRP € 36.00

Switch track, 100 mm

RRP € 18.90

#### **ROCO LINE 2,1 mm**

The ROCO LINE track is a top-grade track with ribbon sleepers with 2.1mm high rail profiles with a prototypical look and with the greatest selection of track and turnout elements on the market.

With seven parallel curves, eight different turnout designs and an impressive geometry, ROCO LINE truly offers all options for setting up a harmonious, prototypical model railroad layout. A full selection of accessories rounds off the range.

The ROCO LINE is equally suitable for beginners and professionals; you do not need any specialist skills. Everything is (almost) selfex-planatory: The geometry, electrics and structure are clear even to newcomers at a glance. Experts with years of experience recognize the many detailed solutions that make operating a model railroad on ROCO LINE so reliable.

No matter what the expectation may be when one sets up ROCO LINE, all model railroaders are delighted with the prototypical look and excellent quality of the ROCO LINE tracks.

## 42406 G4 straight track element

G4 straight track element, length: 920 mm 4x standard length RRP € 6.00

42410 G1 straight track element G1 straight track element, length: 230 mm, standard length RRP € 1.60

42411

DG1 diagonal straight
element DG1 diagonal
straight element, length 119mm

RRP € 1.50

42412
G1/2 straight track
element G1/2 straight track
element, length 115 mm
RRP € 1.50

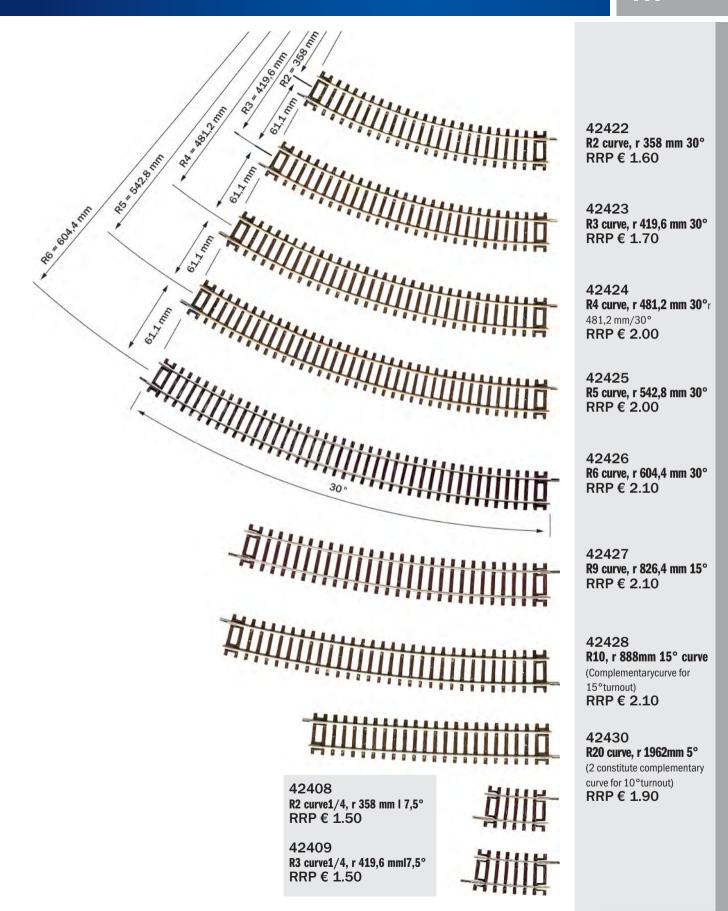
42419 Uncoupler track electric, length 115 mm. RRP € 21.00

**42421 G1/2 feeder track**length 115 mm, with EMVinterference suppression ele-

ment, for analogue operation.

RRP € 8.00

42413 G1/4 straight track element LG1/4 straight track element, length 57.5 mm RRP € 1.50 57.5 mm -115 mm 119 mm 230 mm 920 mm





42600



#### F4 Flexigleis (flex track) with wooden sleepers

Laying tips: Flex tracks can be bent to form curves of any radius down to R2 = 358 mm. In view of the fact that the two rails will differ in length depending on the radius, it is necessary to cut them to length. We recommend the ROCO 10900 craft saw (refer to page 268). For laying the flex tracks you need track nails, rail connectors and sleeper end pieces. The latter contain the necessary cut-outs in the region of the rail fastenings and make it easier to join flex tracks to one another. The flex track rails are cut to length, then the last three sleepers are cut off the track and the sleeper end pieces are pushed onto the rail profiles of the flex track to replace the last three sleepers.

Sleeper end piece

to match flex track with wooden sleepers (42400) 12 units / pack

RRP € 3.60

42401

RRP € 5.20



42601



#### F4 Flexigleis (flex track) with concrete sleepers

Laying tips: Flex tracks can be bent to form curves of any radius down to R2 = 358 mm. In view of the fact that the two rails will differ in length depending on the radius, it is necessary to cut them to length. We recommend the ROCO 10900 craft saw (refer to page 268). For laying the flex tracks you need track nails, rail connectors and sleeper end pieces. The latter contain the necessary cut-outs in the region of the rail fastenings and make it easier to join flex tracks to one another. The flex track rails are cut to length, then the last three sleepers are cut off the track and the sleeper end pieces are pushed onto the rail profiles of the flex track to replace the last three sleepers.

Sleeper end piece

to match flex track with concrete sleepers (42401) 12 units / pack

RRP € 3.50

42440

RRP € 5.50



42441



#### Turnout, left WI15

Length 230 mm, branch radius 873.5 mm, branch angle 15°. An 8-mm spacer element (D8) is included for diagonal installation. Suitable mechanisms: 40295, 40297 or 10030 (refer to page 183).

RRP € 21.00

#### Turnout, right Wr15

Length 230 mm, branch radius 873.5 mm, branch angle 15°. An 8-mm spacer element (D8) is included for diagonal installation. Suitable mechanisms: 40296, 40298 or 10030 (refer to page 183).

RRP € 21.00



#### DWW 15 asymmetrical three-way turnout

Length 287.5 mm (= G1 + G1/4, branch radius 873.5 mm each, branch angle  $15^{\circ}$  each. To adapt the length a 57.5 mm G1/4 straight track element and spacers D12 and D4 are included. Suitable electric mechanisms:  $2x \, 40296$  or  $2x \, 10030$ .

#### RRP € 46.50

42448



#### EKW 15 single slip switch

Length 230 mm, standard design with internal switch rails, without mechanism; branch radius 531 mm, crossing angle  $15^\circ$ . Suitable mechanisms, 2 each x 40295/40297 or 10030. For diagonal installation two D4 and one D 12 are included.

RRP € 38.50

42497



#### K 15 crossing

Length 230 mm, crossing angle  $15^{\circ}$ ; by using a 10019 relay it is possible to polarize the frogs and incoporate the crossing like a normal solenoid accessory in a route locking. The railroad lines that cross each other are not electrically isolated. Two D4 and one D12 are included for diagonal installation.

RRP € 26.60

42451



#### DKW 15 double slip switch

Length 230 mm, crossing angle 15°, effective branch radius 1050 mm. Owing to the geometrical characteristics of this type of double slip switch it is necessary to always use it polarized. Suitable mechanism – 2each: 40295 (or 40296), 40297 (or 40298) or 10030. For diagonal installation two D4 and one D 12 are included.

RRP € 51.00

42498



## **K30 Crossing**

Length of tracks 119 mm, crossing angle  $30^{\circ}$ . The railroad lines that cross one another are not electrically isolated. Among other things they are suitable for forming double track connections with the  $15^{\circ}$  turnouts or double slip switches

RRP € 14.60

42465

#### R2/R3 curved turnout

R2/R3 curved turnout left BWI 2/3 curved turnout, right; radius of main rail and branch track 358 mm (R2)/30°. Suitable mechanisms: 40295, 40297; 10030.

R2/R3 curved turnout

curved turnout, right radius of main rail and branch track 358 mm (R2)/30°. Suitable mechanisms: 40296, 40298; 10030.

RRP € 23.30

RRP € 23.30

42470



42471



R5/R curved turnout6

BWI 5/6 curved turnout, left; radius of main rail and branch track 542.8 mm (R5)/30°. Suitable mechanisms: 40295, 40297 or 10030. R5/R curved turnout6

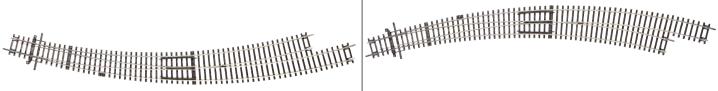
BWr 5/6 curved turnout, right; radius of main rail and branch track 542.8 mm (R5)/30°. Suitable mechanisms: 40296, 40298 or 10030.

RRP € 33.20

RRP € 33.20

42476

42477





## Curved turnout R9/R10

curved turnout curved turnout left BWI 9/10 curved turnout, left; radius of main rail and branch track 826.4 mm (R9)/30° Suitable mechanisms: 40295, 40297 and 10030.

Curved turnout R9/R10

curved turnout, right radius of main rail and branch track 826,4 mm (R2)/30°. Suitable mechanisms: 40296, 40298 and 10030.

RRP € 41.00

RRP € 41.00



#### Turnout 10°

Frog angle 8.1° left turnout WI10 without mechanism, length 345 mm, branch radius 1946 mm, branch angle 10°. A 5-mm spacer element (D5) is included for diagonal installation. Suitable mechanisms: 40295, 40297 or 10030.

RRP € 27.00

42489



#### Turnout 10°

Frog angle 8,1° Turnout, right WI10 without mechanism, Length 345 mm, branch radius 1946 mm, branch angle 10°. A 5-mmspacer element (D5) is included for diagonal installation. Suitable mechanisms: 40296, 40298 or 10030...

RRP € 27.00

42493



#### EKW 10 single slip switch

Length 345 mm, branch radius 959 mm, branch angle  $10^{\circ}$ . For installation crossing from left or right two D2 diagonal 2.5 spacers are included. An 8-mm spacer element (D8) is included for combining with diagonally installed  $10^{\circ}$  turnouts. Suitable mechanisms 2 x each 40295/40297 or 10030.

RRP € 45.50

42496



#### Double slip switch 10°

Length 345 mm Internal switch rails, branch radius 959 mm, frog angle 10°. For installation crossing from left or right two spacers, D2 and D8, have been included. In each case 2 matching mechanisms are required; please heed operating instructions: 40295, 40297 or 10030.

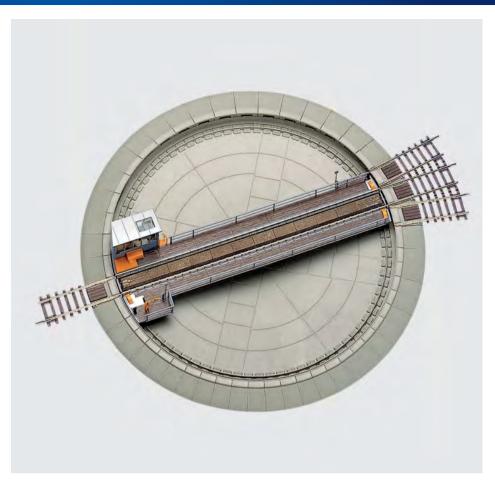
RRP € 50.00

#### Model turntable with electric below-baseboard propulsion mechanism and control unit.

Suitable for all NEM (European model railway standard) compatible two-rail DC and threerail AC model railways. Bridge length:253mm; this is equivalent to 22 m on an original railway. The minimum angle between two track connections is 9 degrees. Spacers for 1°, 3°, 6° and 9° divisions are supplied with the turntable. This means that any division from 9° upwards in 1° stages between the track connections is feasible. The maximum number of track connections that can be made is 40. Four track connections for 2 L are supplied with the turntable. Further track connections are available as accessories (42616, contents: four 2L DC track connections). If the turntable is to be used with a three-rail AC model railway, your specialist dealer will exchange the enclosed original pack of 2L DC track connections for a pack of 3L AC track connections (42617, contents: three 3L AC track connections).

The turntable bridge drive is powered by 14 V AC. Depending on the system used, traction power supply will either be DC or AC. The turntable is equipped with a control unit for preselecting the direction of rotation and starting the turntable rotation. When you let go of the turntable switch, the turntable halts exactly at the next track connection. Technically, the turntable is prepared for a preselection control system that permits direct addressing of the desired track connection. Just like on a real-life turntable, it is also possible to choose between two rotation speeds. Traction power is fed in via the turntable.

The traction voltage of the track connections can be assigned via the control unit. This prevents a locomotive



that is currently parked from inadvertently moving off if two track connections are located directly opposite to one another. One 1-m five-pole cable (transformer – control unit) and one 2-m eight-pole cable (control unit – turntable) are enclosed.

Installation dimensions: required installation opening 280 mm; installation depth measured from table top edge 50 mm; external diameter of the turntable without track connections 307 mm; turntable bridge length 253 mm, suitable for all locomotives up to a total wheel base of 250 mm.

42615

Turntable RRP € 349.00

42616



#### **DC** track connections

4 units 2L = track connections, suitable for turntable 42615 **RRP € 13.20** 

**AC track connections** 

3 units 3L ~ track connections, suitable for turntable 42615

RRP € 13.20

42617





Turnout mechanism

Electric turnout mechanism left for turnouts without roadbed

RRP € 23.80

40297



Manual turnout mechanism

Manual turnout mechanism left for turnouts without roadbed

RRP € 6.60

10030



Under baseboard turnout mechanism

for ROCO LINE among other things: low energy consumption, shut off mechanism, 4 single-pole double-throw switch. ca. 60x27x45 mm

RRP € 35.90

40296



**Turnout mechanism** 

Electric turnout mechanism, right for turnouts without roadbed

RRP € 23.80

40298



Manual turnout mechanism

Manual turnout mechanism, right for turnouts without roadbed

RRP € 6.60

40293



**Under baseboard set of lanterns** 

Illuminated turnout lantern, to match general purpose below baseboard propulsion mechanism 10030 (optionally DB or SBB) and coupled  $90^\circ$  rotation.

RRP € 15.00

255

www.roco.cc Tracks



#### 40021



#### 40292



Uncoupler HO general purpose beneath board uncoupler. Suitable for later mounting for all two-rail DC track systems. Size of the propulsion unit: (LxWxH) approx. 80x40x15 mm.

RRP € 16.00

#### 42605



#### Two-aspect main signal

Three-aspect signal conforming to SNCF prototype, built to scale. Illumination green/red/orange. The nings of the signal indications.

40021 SNCF signal is factory-equipped with the third, orange LED in conformity with the SNCF signal manual. Owing to the major differences in the mea-

With built-in reed switch, to be actuated by means of a 42256 magnet. This potential-free switching contact can be installed at any point of a track layout. The size and colour of the sleeper goes with the ROCO LINEtrack, thus camouflaging the contact.

#### RRP € 17.90

RRP € 24.50

#### RRP € 8.40





#### 42613



#### Wheel retracker set

For ROCO LINE tracks with and without road-bed. Construction kit (without track), also geoLine.

#### 2-pole connecting cable

With mounted rail clips for ROCO LINE 2.1mm tracks. This cable has no interference suppressor units (EMC) and may only be used for halting sections in front of signals etc. Please use 42421/42521 as the feeder track.

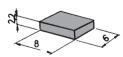
#### RRP € 4.50





#### 42256

RRP € 4.70



#### Rerailer

Makes it easier to place the vehicles on all tracks (without locomotive and track).

#### RRP € 6.50

To trigger the 42605 sleeper. Very small construction, therefore can easily be mounted beneath any vehicle. 6 units / pack

RRP € 11.00





42608



40004



**Track bumper** 

(Construction kit, 1 unit). Optionally with wood plank or bumpers.

**Track bumper** 

prototypical stable construction, incl. 2 brake shoes to clip onto the rail.

Stop blocks / brake shoes

For clipping onto the rail. 12 units / pack

RRP € 4.50

RRP € 4.20

RRP € 5.60

42652



10002



40019



Track ballast

Matches roadbed track in terms of color and grain. Genuine stone ballast.

**Track-Cleaning Rubber** 

Trail-cleaning rubber; this special rubber is excellent for cleaning the rails of dirt and oil residue; suitable for all gauges.

Replacement abrasive pad

For the H0 "Roco Clean" rail-cleaning car, 46400.

RRP € 4.70

RRP € 11.70

RRP € 12.20

10000



10001



42610



42611



Track nails, short

for fastening tracks without roadbed., approx 400 units per bag.

RRP € 5.70

Track nails, long

for fastening geoLINE geoLINE and ROCO LINE tracks with roadbed, approx. 500 units per bag.

RRP € 6.20

Rail joiners

Spring steel rail joiner for ROCO LINE and geoLine 2.1 mm tracks. 24 units / pack

RRP € 3.10



Rail joiners

Plastic insulating rail joiner For ROCO LINE 2.1 mm tracks. 24 units /pack

RRP € 2.95

42612



Rail clips

Adapter rail clips for rail systems with a 2.5-mm rail profile on the ROCO LINE track. 24 units / pack

RRP € 4.70

98019



**RP-25 inserts** 

Frog inserts for ROCO LINE turnouts of the 10° system + BW 5/6.

RRP € 43.00

98020



RP-25 inserts

Frog inserts for ROCO LINE turnouts of the 15° system.

RRP € 43.00

#### **RP-25 inserts for ROCO LINE tracks**

While most NEM wheels have a flange height of approx. 1 mm, RP-25 wheels have a flange height of only 0.64 mm. When models with RP-25 wheel sets run over the frogs of standard turnouts, this height difference is noticeable because the vehicles bump over the frogs. The inserts made of etched sheet brass enable vehicles with RP-25 wheels to run smoothly.

257

**Tracks** 





41332 Digital Startset BR 57 mit Güterzug, Ep II



45813 Speisewagen der DB, Ep IV



2-teiliges Set gedeckter Güterwagen und Verschlagwagen der DB, Ep III



**62961** BR 211 der Deutschen Gleisbau AG, Ep V

**68961** BR 211 der Deutschen Gleisbau AG, Ep V DC-Ausführung.



62434 Elektrolokomotive ES 64 F4 der MRCE, Ep VI

**68434** Clektrolokomotive ES 64 F4 der MRCE, Ep VI DC-Ausführung.



**63863** Köf III der DB mit Digitalkupplung, Ep IV

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Digital

## Roco Digital System Digital control for your model railway

If you grew up with the analogue model railway system, you have learned to adapt yourself to limitations: you know that there is only one train for one track and that additional trains necessitate additional transformers and considerable wiring efforts. Moreover, you know that light signal are difficult to connect by wire, and you are used to the fact that locomotive abruptly stop and turn off their lights at a red signal.

#### **Everything changes with the Roco Digital System!**

With the Roco Digital System, you can control and shunt three, four or more trains on one single electric circuit at any time. You can do this alone, with your children or other model railway fans. Or with the help of your PC as an automated traffic superintendent. In addition to that: the digital Roco locomotives guarantee a lot of driving fun in the years to come thanks to their countless digital functions - and they make it easier for you to drive them in a manner which is true to the original. It does not matter if you would like to hear deceptively real locomotive sound or if you want to create an atmospheric night driving setting with the help of headlight, brake light and interior lighting; with the Roco digital locomotives, you can fulfil those dreams - and many more! The Roco Digital System offers another advantage: you can even use those functions on isolated stopping sections. The times when your locomotives abruptly stopped at a red signal, when the lights and the smoke generator went off - those times are finally over with the arrival of the digital technology! The Roco Digital System does not only make your train control more comfortable and more prototypical. It offers you lots of new opportunities for your railway track design as well - ranging from the convenient control of your signals via multiMAUS to the easy programming of a set of points or a track for push-pull traffic. Notably the growing community of modelers creating their railway tracks on carpets benefits from this: they are finally able to install a digital switch control without having to lay a single cable thanks to the Roco Digital System and the conveniently pre-ballasted geoLine tracks!

# It's so easy to start with the digital operation!

You wish to get into the digital model railway world? The best way is to buy one of the latest Roco digital starter sets. You will find everything you need in order to start with the digital operation in these favorably priced complete packages:

- 1 multiMaus (item no 10810) as control unit
- 1 digital amplifier (item no 10764)
- 1 power supply element
- 1 decoder-fitted locomotive
- · pre-ballasted geoLine tracks your first digital track

Alternatively you can order the digital components separately, e.g. when you already have a precise idea how your railway track should look like or when you already own a nice digital locomotive for which you only need the appropriate equipment.

Most important: the Roco Digital System is not only suitable for scale H0! You can also use it for your narrow gauge railway in H0e or for your TT railway. Favorably priced Roco Digital Starter Sets are available for those scales as well.

#### Let's begin:

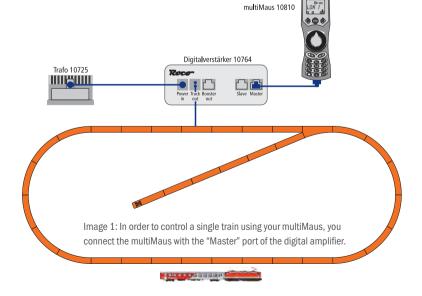
#### A) Connecting the Roco Digital System

Image 1 shows how the components of the starter set are connected to form your first digital track. To ensure an easy handling for the beginner, the digital locomotive as well as the MultiMaus are factory-preset so that you can control the trains without previous programming and use all digital functions.

You cannot make any mistakes – just unpack, connect and start driving!

#### Definition: DCC (Digital Command Control)

The Roco Digital System is based on the system language DCC (Digital Command Control). DCC is a worldwide standard for the digital control of trains, signals and switches. It is the world's most commonly used system in the field of the two-conductor-direct-current.



#### B) Operation with multiple trains

Over time your model railway track will expand. The Roco geoLine track sets B to E (item no 61101 to 61104) make it easier for you to fit additional ovals, shunting tracks and reverse curves into your pre-existing railway. Then you wish to drive a second – third, fourth – train on your railway track.

Using the digital technology, this is a very easy task: the layout of your railway track does not change. You only have to assign each new locomotive its own locomotive address – this is a one to four-digit number – with the help of your multiMaus. This only takes seconds. If you want to know further details on how to do this, please read the box about "Programming locomotive addresses on page 263.

You are able to control a locomotive with the multiMaus as soon as you have assigned an address: you set the multiMaus on address "1" and train "1" starts to move. You change the address to "2" and train "2" is ready to go in the opposite direction; or to "3" in order to shunt your third locomotive on the holding siding.

Image 2: You control all trains on your railway track with your multiMaus.

# Trafo 10725 Roco Power Tack Booster In Out Out Trafo 10725 Roco Power Tack Booster In Out Out Roco Ro

### **The Roco Digital System**

- · easiest handling
- · modular and flexibly expandable concept
- · locomotive with prototypical driving experience
- · additional digital functions for lots of driving fun
- suitable for every type of railway enthusiast

#### **Roco Starter Sets**

You find a wide variety of our latest starter sets in the scale H0 on pages 26 to 36.

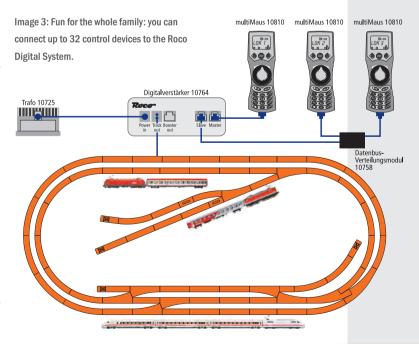
#### C) Multiple trains and multiple players

You believe it is boring to control your trains alone? Then simply connect additional multiMäuse to your digital amplifier – and let your friends or children join you!

- In order to use a second multiMaus, you simply connect it to the "slave" port of the digital amplifier.
- In order to use three or more multiMäuse, you have to connect a Roco distributor module (item no 10758) to the "slave" port of the digital amplifier. You then connect the additional multiMäuse to the distributor module.

The following applies for the control: every control device is able to control the locomotive which is saved in its address library. Locomotives which are already controlled by another person are displayed with their appropriate address – that number is flashing. But you can control these trains, e.g. when you want to help your children with an extremely difficult shunting maneuver.

One more hint: If you still possess older Roco type LokMaus 2 or 3 control devices, you can use them by connecting them to the "slave port".



#### The multiMaus

It goes without saying that the glaring red multiMaus with the big control dial has a huge recognition value – the more so as the lasted model is already the fourth generation of one of world's most successful model railway control device.

#### Your digital control centre

Being a digital beginner, the multiMaus is your control device with which you can operate trains, use digital functions, switch turnouts and signals and much more.

The multiMaus has to be connected to the "master" port of the Roco digital amplifier (item no 10764) or to his predecessor (item no 10761). Additionally, up to 31 more multiMäuse can be connected via cascaded "slave" ports.

You will appreciate the multiMaus from your first train journey on: the handling is easy due to an illuminated display and well-arranged big buttons. The stageless control dial allows you to precisely control your locomotives. The 2 m long cable leaves you a lot of free space to move around so that you will always be in the middle of the action. Programming the multiMaus is done so intuitively that even beginners are able to manage the standard functions. More advanced railway modellers can use the numerous additional functions – such as the programming of 3-digit CV values – in order to generate an absolutely prototypical driving behaviour.



RRP € 122.00

#### The multiMaus supports 3 control modes:

#### A) Address mode

- Operating in address mode, you control your trains via the assigned locomotive address.
- Therefore you have to program the decoder of each locomotive with an individual locomotive address (ranging from "0001" to "9999"). You can read about how this works in the box "Programming locomotive addresses" below.
- After that you choose the locomotive you want to drive in the address mode by entering the address or by scrolling through the address book.

#### B) Library mode

- In order to not having to memorise every address when operating multiple locomotives, the multiMaus supports a library mode.
- This means you can connect up to 64 already assigned locomotive addresses with up to 5-digit names, e.g. "E-10", "Taiga" or "BR 54".
- After that you choose the locomotive you want to drive by scrolling through the locomotive library.

#### C) Switch mode

- The multiMaus supports a switch mode in which you can switch turnouts, uncoupling tracks as well as semaphore type signal or electrical light signals by pressing one button.
- In order to change to the switch mode, press the button "Locomotive/Switch".
- Assign an individual address from "1" to "1024" to every switch and every signal – just like you did when programming the locomotive decoder. Please refer to the switch decoder's or digital signal's manual for the detailed programming operation.
- Ready! Your switches can be controlled via the switch address book and switched via the "turnout" button.











#### It's so easy:

#### **Programming locomotive addresses:**

The programming of locomotive addresses in the locomotive decoder is blindingly easy:

- 1. Put the locomotive alone on the track.
- 2. Hold down the button "menu" and press button "1".
- 3. Enter the desired locomotive address via the keyboard.
- 4. Press "OK"
- 5. That's all!

Funktion	Tastenkombination
1 – Adresse	MENU + 1
2 – Minimalgeschwindigkeit	MENU + Zabc
3 – Anfahrverzögerung	MENU + def3
4 – Bremszeit	MENU + 4ghi
5 – Maximalgeschwindigkeit	MENU + jkl5

#### multiMAUSPRO - the new standard in model railway controls

Since its market launch a few years ago, multiMAUS has become a standard for digitally-controlled model railways. Its ease of use, attractive price and, last but not least, its ergonomic shape have already won the hearts of many model railway fans.

Now Roco is setting a new standard with multiMAUSPRO. This unique combination of cutting-edge wireless communications and the newly-developed multiZENTRALEPRO control unit shows how seriously Roco's development team takes its customers' needs. Simply follow your train without losing control of the rest of your layout or of the other trains running on it. Use the new route controls to define routes more or less as you travel by. Drive a model double-heading train, just like the real thing, while looking at it directly and without having to remain seated at the central controls.

The handy multiMAUS format has been retained, together with the simple, intuitive user interface and the attractive price. And you know that you will be able to use it for many years to come thanks to its update compatibility.



RRP € 219.00

#### The new multiZENTRALEPRO - all the central control a model railway needs

The central control unit is the heart of any digitally-controlled model railway. This is where all information arrives, is processed and is passed on. In creating this unit, Roco's development team has taken a somewhat different approach, rather than just developing another run-of-the-mill control unit: it wanted this one to be small, flexible and economical. The result was the multiZENTRALEPRO.

The new multiZENTRALEPRO is a full-scale central control unit for your model railway. As opposed to other central control units, it gives you complete freedom to move around when used together with a multiMAUS or the brand new multiMAUSPRO. Its many new functions, including the ability to read out decoder data, many connection options for additional locomotive controls or multiMAUSes and a separate feedback bus, show that all kinds of sophisticated control tasks in your model railway setup can be carried out easily and economically by this new central control unit.

A USB port provides a simple interface to the world of PCs, not only for installing future updates, but above all for connection to the Rocomotion PC software supplied along with this set.

· Wireless central control unit for use with several multiMAUSes

- Built-in antenna
- 3 RocoNet slave ports for connecting cable-bound locomotive controls and multiMAUSes.
- Outputs for programming and main track Switched over automatically when the multiMAUS programming menu is called up.
- Short-circuit-proof main track output Output current of up to 3.2 A, integrated overheating protection and current-limiter.
- LED status indicators Keep an eye on things at a glance.





- · Data read-out capability Used in conjunction with a Lokmaus 2 / R3, a multiMAUS and the new multiMAUSPRO, the unit can read out and modify the data of your DCC decoders.
- · Separate feed-back bus For connecting up the ROCO feed back module 10787.
- USB port Greater comfort thanks to direct contact to a PC, especially when used in conjunction with the Rocomotion PC software included in the package.
- · Safe investment for the future Ready for the pending bidirectional DCC standard defined by the NMRA.



Rocomotion PC Software Included in the set. Hardware unit 10785 is not required. Rocomotion works directly with the new multiZENTRALEPRO.

**RRP** € 489.00

# Your way to a digitally controlled railway track

The Roco Digital System offers countless opportunities to expand, improve or individually design your railway track. We have summed up some first hints on the following pages which will surely help you to transform a simple track oval into a digital railway track.

#### A) Digitally switched turnouts and uncoupling tracks

Most model railway beginners switch their turnouts manually at first. But it becomes annoying after a short time. This makes you wish to switch turnouts and uncoupling tracks just as comfortably as the locomotives with the multiMaus. Electronic turnout control had been very complex for analogue railway tracks, but it is very easy with the Roco Digital System and the geoLine track system:

- Everything you need for digital turnout control is a universal turnout mechanism (item no 61195) and a turnout decoder (item no 61196) for every controllable switch.
- Place the turnout mechanism in the designed cavity of the geoLine switch (item no 61140) and then attach the turnout decoder on top.
- Assign a switch address to the turnout decoder with the help of the multiMaus – just like it is described in the manual. You are now able to switch the turnout when operating in switch mode via the switch button.



 Just as easy is the installation of digitally controlled uncoupling tracks: you attach the uncoupling decoder (item no 61197) to the uncoupling track (item no 61118) and assign a fixed address with the multiMaus.



**The main advantage:** since there is no need to additionally wire neither turnout nor uncoupling decoders of the geoLine track system, even the railway modellers with their tracks on carpets can now comfortably control their tracks digitally!

And that's only the beginning: with the multiMausPRO (item no 10811) or the Roco Route Control (item no 10772) you can group up to 256 switches and signals into up to 32 pre-set routes. In that way you make sure that there is a lot of traffic on your tracks – without having to fully concentrate on every single train.

## B) Connecting digitally switched light signals to the Roco signal module

Roco light signals (item no 40020 or 40021) are literally the highlights of every digital railway track – and they can be put into operation very easily and fast using the Roco Digital System.

- Everything you need is apart from the actual signal a digital signal module (item no 10777) which supplies the signal's 16 V bulbs or LEDs with steady current and which makes it controllable via the multiMaus.
- You can control two signals with each signal module and display up to four signal aspects: depending on the type of signal you choose, you can display e.g. apart from "red" for "Stop!" or "green" for "Go on!" additional signal concepts for "Driving with speed limit" and "Shunting service"
- Image 5 shows how a simple two-aspect signal is connected to a signal module.
- The signal module is programmed with the multiMaus just like it is described in the manual.
- In doing so, every light signal is assigned two addresses with which the 4 signal aspects can be set (1-1,1-0,0-1, 0-0). All in all, the signal module reserves 4 switch addresses.

An additional highlight of the signal module is that it does not need to be exclusively controlled via the multiMaus and the Route Control – it features 3 slots for the connection with track contacts, for example Reed contacts in order to let trains run event-driven. With that, the signal module offers you the possibility to automate the traffic on your tracks to a certain extent – for example you can set up automatic tracks for shuttle traffic.

## C) Prototypical braking at a signal showing red – with the brake generator

You can plan tracks and routes, retrofit stations with signals, automate routes of sections and much more with the signal module. But sooner or later you might be annoyed that your trains stop abruptly at separate track segments and do not offer digital functions there. But this problem can be solved with the Roco brake generator (item no 10779) of the Roco Digital product range.

- The brake generator is connected to the signal module and supplies your trains at the stopping signal with a so-called stopping potential.
- This stopping potential ensure the train's smooth approach to the signal showing red. It does not stop abruptly, it gently loses speed until it finally stops. Additional digital functions such as light and sound remain switched on and can be controlled with the multiMAUS.
- Moreover it is quite easy to create block routes with the brake generator in connection with the signal module (item no 10777).

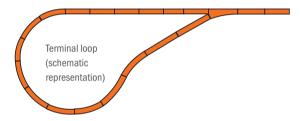
Since the brake generator is supplied by a separate transformer (item no 10725), you have additional 2.5 ampere at your disposal, which is enough for most separate track segments. If the power output is not sufficient enough, you can connect more brake generators at any time.

**Practical hint:** In order to ensure faultless operation of your brake generator, the isolated stopping section of the signal has to be at least as long as your longest train plus the desired stopping distance.

#### D) The terminal loop module (item no 10767)

One of the biggest annoyances for direct current railway modellers has always been a short circuit in the terminal loop. The Roco Digital System offers an elegant solution for this problem: the terminal loop module.

The terminal loop module in digital operation automatically recognises an impending short circuit at a terminal loop, a dog bone or a track triangle and prevents it with the help of integrated contact points. As a railway modeller you get considerably more freedom for designing your tracks with a minimum of wiring efforts – and you are finally able to copy and build your favourite routes and stations true to the original in the scale of 1:87.

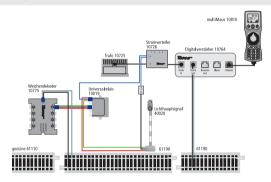


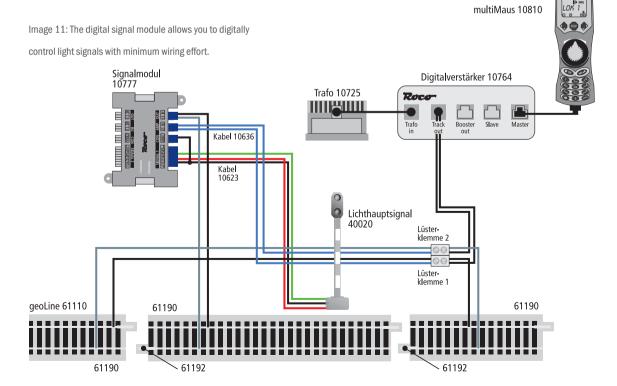
## For people spending their money in a smart way and for Roco "liners": The 8-fold turnout decoder

For tracks with track bed such as the Roco Line tracks there exists a convenient alternative to the signal module: the 8-fold turnout decoder (item no 10775) which allows you to digitally control up to 8 switches, uncoupling tracks and semaphore type signals as well as electric light signals.

- For digitally controlled switches you just connect the 3-pin connecting wire of the turnout mechanism (item no 40295 or 40296) with one of the eight links of the decoder.
- Uncoupling tracks, semaphore type signals and other electric spool mechanisms can be connected the same way.

**Programming hint:** the 8-fold turnout decoder is divided into two address groups – "1 to 4" and "5 to 8". These groups have to programmed separately in order to use all eight addresses.





#### Practical tip: if the power output

#### is not sufficient anymore...

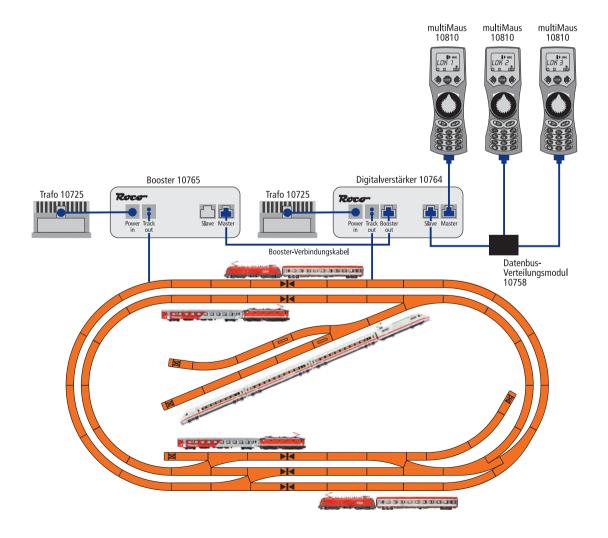
The power output of your Roco digital amplifier (item no 10764) is enough – from experience – to run 4 trains simultaneously in H0 and switch one turnout or one signal. This number can vary depending on which digital functions of your locomotive you use, how many illuminated passenger trains you haul and which ascending slopes exist on your railway track.

If the Roco digital amplifier is overloaded by too many electricity consumers, it switches itself off automatically. You cannot break anything if you put too many trains on your tracks – but in order to run five or six long trains, you should modify your railway track accordingly: to supply your track with more power, the track oval is divided into two isolated power areas. Those areas are supplied

separately with electricity: the left track part draws its electricity via the digital amplifier. The right part is supplied by a Roco Booster (item no 10765) with its own transformer (item no 10725).

The booster is connected by a control wire to the "booster out" contact of the amplifier. In that way, up to four boosters can be operated at an amplifier. This adds up to a total power output of 5x 50 VA, or 250 VA – that is sufficient even for large railway tracks.

Important warning: You should never use additional Roco amplifiers in order to boost the power output! Connecting two independent digital systems would almost certainly destroy your amplifier – if not instantaneously, then this will eventually happen when a train connects the separated track sections by rolling over them and the combined voltage will take its toll.



#### **Rocomotion**

The Roco Digital System becomes more comfortable if you connect your railway track with the hard and software package ROCMOTION (item no 10785) to your PC.

With the help of ROCOMOTION, you can let your PC handle many routine tasks such as runs in the concealed yard area, shuttle trains or block route runs. That way, there is busy traffic on your railway track and at the same time you can concentrate on fascinating shunting services in the station area with your multiMaus.

In short, ROCOMOTION allows you to connect manual and automatic operation in order to ensure maximum driving fun!

ROCOMOTION is a two-part package consisting of:

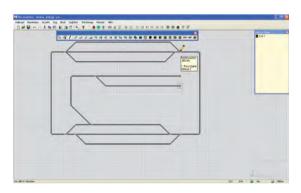
- a hardware box which you connect to the "slave" port of your digital amplifier and is linked via a provided cable to your PCs serial interface.
- a software CD which you install on your PC or notebook.

Another important hint: the ROCOMOTION hardware is already integrated in the new combination of the multiMausPRO (item no 10811) and the multiZentralePRO (item no 10831). You only have to connect the port of the multiZentralePRO with a USB port of your PC.

Once installed, ROMOMOTION introduces you to a whole new world of controlling options. In order to give you a first overview, we have listed below the most important features and some showcase fields of application of the PC control:

#### A) Designing track layouts

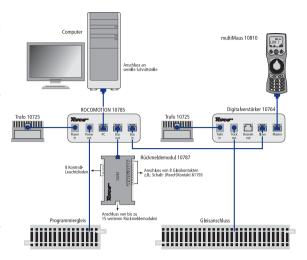
The ROCOMOTION software contains a drawing programme with which you can first of all trace via the PC the outlines of your whole railway track layout including switches and signal.



#### B) Controlling switches and locomotives via the PC

If you click on a turnout on your PC screen, it will be switched both on your screen and on your railway track. If you switch some turnouts with the multiMaus, this will also be displayed at the same time on the PC monitor. It has two huge advantages for you:

 You will never again have to memorise switch positions and switch addresses! One glance at the screen and you know exactly what's happening.

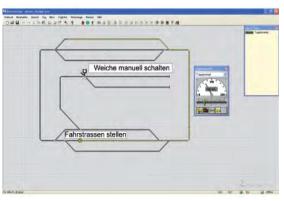


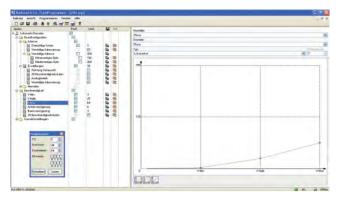
#### It's better to test it!

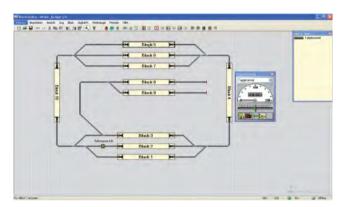
Get a picture of the ROCOMOTION software yourself! On our website HYPERLINK "http://www.modelleisenbahn-muenchen.com" www.modelleisenbahn-muenchen.com in the section "Roco" you will find two free demo versions of the ROCOMOTION software. Version 5.5 is for modellers possessing the LokMaus 2 or 3 Version 5.8 is for modellers with the multiMaus. Moreover, you can download a detailed ROCOMOTION manual for free.

2. All your switches are only a few centimetres away. The PC control is not only comfortable and clearly arranged, but it offers many additional possibilities such as the programming of an unlimited amount of different sets of points.

The locomotive control becomes considerably more comfortable with ROCOMOTION as well. You simply create a library for all your locomotives – you can even add pictures of them to get a better overview. Then you can conveniently control your locomotives via a driver's control desk.







By the way: The ROCOMOTION software is only a streamlined version of the "Train Controller" software by Railroad & Co. If you rather would like to use the full version, it is available at HYPERLINK "http://traincontroller. de" http://traincontroller.de. Of course, your data and presets will be preserved for later use after the update.

#### C) Programming locomotive decoders

Another highlight of ROCOMOTION is the programming of locomotive decoders:

- Connect the additional transformer (item no 10725) and a programming track to the ROCOMOTION box as shown in image 16.
- Install the programme "Trainprgrammer" provided on the ROCO-MOTION CD on your PC or notebook.
  - Put one locomotive on the programming track. The "Trainprgrammer" automatically shows you the configuration of the locomotive decoder including all CV values.
- Now you can using your computer mouse change, save and print the acceleration and deceleration delay, the digital functions, the maximum speed and many more parameters of your locomotive.

#### D) The feedback module

The feedback module is a small hardware module which is connected via a connecting cable directly to the "bus out" port of the ROCOMOTION box and which informs the ROCOMOTION software about the current train positions on the track.

That is the reason why the ROCOMOTION software is able to optimally monitor the locomotive's routes and to control them so that a perfectly coordinated train operation is ensured.

#### Practical example: shuttle train route

The feedback module is especially suited for the design of shuttle train routes on which your trains run automatically.

- Divide your railway track into track sections. Typically these are for example passages between two signals or separated station tracks.
- Place a Reed contact (item no 61193) on your geoLine track at the start and at the end of every block section.
- Connect the Reed contacts with the contact clamps 1 to 8 of the feedback module.
- The ROCOMOTION software now displays the starting and ending points of the block routes in the track layout.
- Now all you have to do is to define the starting and ending points
  of your shuttle route for the software and you have to decide
  which locomotive runs automatically on which railway section.

You can connect altogether 16 feedback modules to your ROCOMOTION box. With 8 contact interfaces per module, you get up to 128 track contacts. If you take the "normal" 2 contacts per block into consideration, you are able to control 64 block sections – this is more than enough even for the ambitious railway modeller!

Another hint in addition to that: You can also connect – apart from the momentary contacts such as Reed contacts or switch tracks – permanent contacts such as "track occupied" indicators to the DC-isolated contact clamps of the feedback module.



Digital www.roco.cc

#### **Locomotives for digital operation**

In order to run on the Roco Digital System, every one of your locomotive has to equipped with a special digital decoder. The decoder receives the digital commands which you give the train via your multiMaus – Go! Brake! Lights on! Steam on! – and converts them into control functions.

How does the decoder get into the locomotive? There are three different ways:

In some Roco locomotives the decoder is already pre-fitted.
 This applies for example to all locomotives in digital starter sets which come with locomotive sound or additional digital functions: the direct current locomotives are equipped with a built-in DCC decoder, the alternating current vehicles are equipped with a Motorola decoder.

#### Step by step:

Installation of the Roco decoder (item no 10745) in a HO locomotive



1. Remove the locomotive body casing as described in the locomotive's manual.



2. Remove the strapping plug from the circuit board. Keep it safe, maybe one day you will need it in order to reretrofit your locomotive for analogue operation!



3. Insert the digital decoder as described. Hint: one pin of the interface on the locomotive's circuit board is marked with a star. That is where the orange wire of the decoder plug has to be connected.



4. Fix the decoder onto its designed place with double-sided tape.



5. Attach the locomotive body casing back onto the locomotive.

6. Assign a new locomotive address for the locomotive which is not already assigned. Factory-fitted all decoders are pre-programmed with address "3", so you have to assign another address at least to your second digital locomotive.

- Up-to-date Roco models which do not contain a decoder are
  fitted with a standard NEM interface. This is a 8-pin interface
  for scale H0 and a 6-pin interface for scales H0e and TT. Please
  refer to the manual in order to know which decoder you need for
  your locomotive. This decoder can then be obtained from your
  specialist retailer. The installation itself is no problem, even for
  beginners. For more details, please read the box below "Installation of a decoder".
- Generally, older locomotives without interface can be retrofitted later. This sometimes turns out to be quite complicated due to missing space inside the locomotive. Advanced constructors even pass that obstacle – but if you have many locomotives, not much time and if your fingers are all thumbs, then you can let your locomotives be retrofitted with decoders by your trusted specialist retailer.

#### Practical hint: Lighting of digital locomotives

The digital locomotives come to their own only perfectly illuminated. Please keep the following rules in mind when equipping digitally operated locomotives with lighting:

- All light bulbs which are supplied with electricity via a decoder or via wheel current-collector contacts have to be designed for a digital voltage of 16 V.
- Up-to-date locomotives are already equipped with appropriate light bulbs or LEDs.
- In order to exclude the risk if a dangerous overload, you have to replace the previously commonly used 12 V light bulbs of older models with 16 V light bulbs.
- This also applies to the interior lighting of passenger coaches
- ... and now nothing gets in the way for a idyllic journey through dawn.

#### **Multiprotocoll locomotive decoder**

For 8 pole interface NEM 652. Drive current auto recognition in 14/28/128 regulating steps. With current control. Max. motor current: 1100 mA. With four input/output functions each 250mA/max.500mA. Shunting function switch F3. For deactivation of acceleration/deceleration processes press button F4. All current output short circuit proofed. Dimension:  $23,5 \times 15,5 \times 5,5$  mm.



#### HOe / N decoder, straight version



HOe / N decoder, straight version Decoder with straight contact prongs for a sixprong interface in accordance with NEM 651 with load regulation. Especially suitable to use with HOe / TT / N locomotives.

Automatic recognition of DCC or analog direct current DC.
Automatic recognition of power level (14/28/128 level).
Power frequency for motors 16 kHz
Maximum motor load 700 mA
Two light ports supporting max. 150mA each
Shunting programable to key F4
All ports are surge protected
Dimensions: 13,8x8,8x3,3 mm

#### Mini-Decoder for HOe and N



We supply small digital decoders for the diminutive H0e and N locomotives with plug strips into which the six-pin NEM-651-type interface fi ts. It understands the DCC system language (14, 28, 128 speed levels), but can be operated with conventional analog transformers. Identification takes place automatically. The factory setting for the motor control is a 16kHz pulse frequency; hence the little decoder also matches locomotives with Faulhaber\*8) motors. The F4 key enables the switching speed. Minimum, average and top speed can be set separately. The maximum motor current is 0.7 A; the two light outputs can each be loaded with up to 150 mA and the motor and light outputs are short-circuit proof. By the way: The small decoder even understands the Motorola\*2) system language (1&II). Including the plug strip the dimensions are  $13.4 \times 8.8 \times 3.3 \text{mm}$ .

#### Decoder for 16 pole Plux interfaces (NEM 658), with current control.

Automatic recognition of DCC, Märklin Motorola and analog DC or AC operation. | Max. motor current: 1800 mA | Two light outputs and two additional (AUX) function outputs | Light and AUX connections can be dimmed seperately | Blinking operation with lead time control Setting of magnetic coupling with high starting power but low holding power. Repetetive uncoupling can also be set. | Three phase smoke generator (Power phases: start/normal/idle running) | For short addresses (1-127) and long addresses (128-9999) | With characteristic three point line and alternative line diagram | Mass simulation can be switched off | Shunting gear is switchable | Adjustable frequency drives: 100 Hz/15-22 kHz | Function Mapping of all possible functions | Immediate recognition of over current + short circuit => automatic switch off | Immediate recognition of train braking distances



10732

RRP € 39.90

10734



RRP € 59.00

10735

RRP € 59.00

10880

RRP € 34.90

#### Decoder for 22 pole Plux interfaces (NEM 658), with current control.

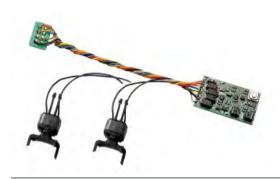
Automatic recognition of DCC, Märklin Motorola and analog DC or AC operation. | Max. motor current: 1800 mA / Two light outputs and two additional 7 function outputs (AUX) | Light and AUX connections can be dimmed seperately / Blinking operation with lead time control | Setting of magnetic coupling with high starting power but low holding power. Repetetive uncoupling can also be set. | Three phase smoke generator (Power phases: start/normal/idle running) | For short addresses (1-127) and long addresses (128-9999) | With characteristic three point line and alternative line diagram | Mass simulation can be switched off | Shunting gear is switchable | Adjustable frequency drives: 100 Hz/15-22 kHz | Function Mapping of all possible functions | Immediate recognition of over current + short circuit => automatic switch off | Immediate recognition of train braking distances

RRP € 39.90

Symbolbild

40410

#### Digital coupling installation kit



The set consists of 1xMultiprotocol-Special -Decoder for AC and DC and 2x connectors. The connectors will only work properly if used with this decoder, the use of decoder of different brands or manufacture can leat to damaging the connectors permanently. It is a 8 prong interface in accordance with NEM 652. Automatic electricity conduct recognition Motorola / DCC or analog direct current / alternating current, Automatic driving setting recognition 14/28/128 Settings. Load regulation, maximum motor current 1100 mA. 4x ports for functions each at 250 mA; max 500 mA. Train switching programable to key F3. Deactivation of acceleration and breaking relays with key F4. All ports are surge protected. Dimensions: 23,5x15,5x5,5 mm.

RRP € 72.00

61196

#### **Turnout decoder geoLine**

The geoLine track is suitable for layouts arranged directly on the floor that are repeatedly set up in modified form and may spread out right through the apartment for a few days. In this case it is very convenient to switch over turnouts at located at a distance by pressing a button. We have developed this new turnout decoder for this purpose. In connection with the 61195 turnout mechanism, all turnouts, double slip switches or three-way turnouts can be switched by means of the multiMAUS (or the RouteControl or Rocomotion). The decoder is placed, well-protected



inside the bed next to the turnout mechanism and installation is quick and easy. In a surprisingly easy process a turnout address between 1 and 1024 is input and the digital turnout can immediately be used anywhere in the track plan. Certain characteristics of the decoder can be modified via its own CVs. For safety's sake the decoder is protected against overheating and short circuits. Note for users of Lokmaus® 1 & 2: This turnout decoder only understands 'genuine' turnout addresses. It can no longer be addressed via locomotive addresses.

#### **RRP** € 24.60

#### **Uncoupler decoder for geoLine**

61197

For 2007 Modelleisenbahn GmbH has dreamt up a genuine world novelty: From now on even the 61118 uncoupling tracks of the geoLine system will have their own decoders! This means that at last fully digital operation is feasible, for example on layouts arranged directly on the floor. Since the mechanics of the uncoupling track already fill out its own bedding, one tucks the decoder belonging to it into the connected neighboring track. The electric connection is created via a ten-centimeter cable. This decoder can also be programmed for all turnout addresses between 1 and 1024; in this specific case, however, only with the multiMAUS or with the RouteControl. Operation itself can then of course take



place via Rocomotion. Certain characteristics of the decoder can be modified via its own CVs. For safety's sake the decoder is protected against overheating and short circuits. The compact design permits it to be simply inserted under the bedding and it is assembled in no time at all. Note for users of Lokmaus® 1 & 2: This turnout decoder only understands 'genuine' turnout addresses. It can no longer be addressed via locomotive addresses.

**RRP** € 36.00

#### Octuble track switch decoder for DCC

Can be connected to a maximum of 8 magnetic components, double inductor point drives and signals or relays in two different groups (1-4 and 5-8). Short circuit proofed current output. Max. switching current: 1,2 A. Separate programming. Current supply through the digital system. Dimensions: 90x84x24.



#### Feedback module



The perfect complement to Rocomotion. This feedback module is the basis for all automatic functions, which are to be controlled using Rocomotion: It possesses eight galvanically isolated outputs with screw terminals onto which momentary or permanent contacts can be connected. If a contact is actuated, the relevant LED lights up. The feedback module is connected to the Rocomotion interface by means of the enclosed cable and the power is also supplied via this cable. In all up to 16 feedback modules can be connected to Rocomotion. Rocomotion and the feedback module have been exactly matched to go together. No other feedback systems can be used for the Rocomotion!

#### **Rocomotion**

- Model railroad control using a computer
- With integrated feedback bus to connect 10787 feedback modules
- Including PC software
- · Automation of the layout
- Scope of supply: Software in German and English on CD ROM, Program description in PDF format on the CD Hardware interface and connecting cable to PC (9-pin sub-D) Cable for connecting to digital amplifier.



10778

RRP € 69.00

10787

RRP € 78.00

10785

RRP € 229.00

**RRP** 

€ 110.00

10767

RRP € 95.00

10764

RRP € 148.00

10765

RRP € 139.00

#### Signal module

The signal module controls two light signals with up to four diff erent signal aspects each: Halting/switching ban (HP00), approach (HP1), operation with speed limit (HP2) and switching operation permitted (SH1) The signals must either have 16-volt bulbs or LED with a common

positive terminal: for example this is the case with light signals from Viessmann\*4). The signal module reacts to commands from the multiMAUS, the RouteControl, the older 10770 keybard and the Rocomotion. Another option is controlled by the track contacts: the track contacts make it possible to modify the signal aspects as desired for each signal separately. In this way it is quite easy to automate, for example, block routes, without any additional relays! A special feature is the inputs for the brake generator 10779, which ensures exemplary, gentle stopping in separate track segments in front of signals showing red. The address range of the signal module covers 1 to 256. Two 'turnout' addresses in direct succession are assigned per semaphore with quadrupled aspect signal. The dimensions are 90 x 84 x 24mm.



#### **Loop model with 3 operation modes**

1 circuit breaker recognition. 2 trigger switch by the switch track. 3 trigger switch by the sensor track. The three modes can be adjusted with a switch button on the housing. In operation mode 1 it recognizes the circuit break and the polarity is changed before addressing the digital system. In operation mode 2+3 the polarity is also changed before the circuit break. This avoids getting a spark at the circuit break and preserves the wheels better. It will however require additional wiring. The loop model can also be used in analog operation. This way trains can only run in one direction through the loop. Technical Data: Current up to 22 V, 5 A electric load, 3 A continuous current, max. power load approx. 50 mA. The dimensionsgen are 90 x 80 x 25 mm.



#### **Digital amplifier**



For existing layouts it is advisable to put the multiMAUS system together from individual components. Apart from the transformer and multiMAUS, the amplifier is also mandatory. It provides two direct connections ('master' & 'slave') for a multiMAUS and, for example, another mouse. The amplifier prepares the 'Master mouse' data for running and switching operation. The track output delivers 3.2 A. Other multiMAUS devices, Routecontrols or the interface with Rocomotion can only be connected on the 'slave' output. If you want to plug in other input units you can obtain an aff ordable Y adapter bearing item number 10758.

#### **Digital booster**



The booster of the multiMAUS system delivers 3.2 A maximum. Anyone with a big layout, requiring more output, divides his layout up into supply segments, using insulating rail connectors and this booster is used to provide the remaining 3.2 A. The second segment of the layout is supplied with track voltage from the booster. The booster receives the information from the amplifier via a special cable, which is of course included. Four boosters can be used per layout, combined with the braking generator 10779, also more. Each booster requires its own 10725 transformer.

#### **Braking generator**



The model trains come to a prototypical smooth halt in front of signals showing red. This can be reality on your model railroad from now on! For this purpose the braking generator supplies a special signal to some braking sections so that the trains move out smoothly. Yet all of the activated functions such as light, sound etc. remain switched on. It really looks genuine then! In this case one brake generator is sufficient for many braking sections; please pay attention that their power requirements remain under 2.5 A. If your braking sections require more power (e.g. because of many illuminated cars), then simply use more braking generators. Each braking generator requires its own 10725 transformer.

10779

RRP € 143.00

10754

#### 6-pin spiral replacement cable



To be used for Lokmaus®-2/R3 multiMAUS (10760/10792/10810), keyboard (10770) or RouteControl (10772). Replacement cables to Lokmaus® 2 "plus" (10790).

RRP € 15.00

10756

#### 6-pin data bus replacement cable



The cable is a replacement cable for the Lokmaus @2/R3/ multiMAUS (10760/10792/10810), turnout keyboard (10770) or RouteControl (10772). It cannot be used to extend connector cablees for Lokmaus @1 (Item no. 10750).

RRP € 9.20

10757

10/3/

RRP € 9.20

#### **Booster connection replacement cable**



To connect additional boosters with the digital amplifier, the boosters with one another or the braking generator with the amplifier or booster.

4-pin data bus distributor module



To connect further input units (for example Lokmaus® 2/R3 / multiMAUS, (10760/10792/10810), turnout keyboard (10770), RouteControl (10772) or Rocomotion (10785). This distributor module can also be used as an extension of existing lines to units (see above) on the slave output.

Note: The cable of the Master LOKMAUS® 2/3 should not be extended in order to avoid impairing the quality of the data transmission.

**RRP** € 9.20

10759

**Data bus complilation module** 



To compile the data format of the ROCO-Lokmaus  $\$\ 1\ 10750$  and the digital central unit 10751 on the data bus of multiMAUS or Lokmaus® 2/R3. This makes it possible to operate the old Digital-is-cool system on the new Lokmaus®-2/R3 system. Inversely, it is not possible to operate the Lokmaus® 2/R3 on the old system.

Note: On Lokmaus® 1 the only functions available are those of this Lokmaus and not the extended functions of the Lokmaus® 2/R or

RRP € 99.00



Digital



#### Roco universal coupling. Experts say: The best model railway coupling available!

We spared no effort in the concept and design of our universal coupling. Our objective was to design this sensitive technical model railway element in such a manner that it makes playing with a model railway even more fun, as switching and coupling new locomotives to trains are among the most enjoyable aspects of a model railway.

With our universal coupling and with a good track bed, coupling is wonderfully gentle; even two-axle freight cars can be coupled without rolling off. It is truly a majestic sight to see a powerful main line steam locomotive reversing to the front of a train and softly coupling to the train. The days when trains needed a conspicuous "nudge" are gone

forever. Our universal coupling has a genuine close-coupling function. After coupling there is a secure connection between the vehicles that enables trouble-free function of the close-coupling mechanism.

The D-links are next to each other in the same plane, regardless of whether coupled

or uncoupled. Consequently they also pass under the buffer disks even on long, true-to-scale cars, so that it is possible to locate the buffers on our vehicles at the correctly scaled height.

The advance uncoupler tab enables vehicles to be uncoupled on an uncoupling

track and to be pushed on a holding siding without reinterlocking the couplings. Within certain limits, our universal coupling is also compatible with the familiar standard D-link coupling.

Important: Please note that these three articles are not available in Italy.

# 40395

#### **Universal coupling**

12 pc./package, for standard coupler pocket in accordance with NEM 362.

RRP € 11.00

40396

#### Universal coupling,

12 pc./ package, height adjustable, coupling spacing extended by approximately 2 mm.

RRP € 14.00



## Universal coupling

50 pc. jumbo pack. (like 40395)

RRP € 36.00

40270



Close coupler heads with advance uncoupler tab for standard coupler pockets in accordance with NEM 362.

4 pc./package

RRP € 4.20

40271



Close coupler heads with advance uncoupler tab (like article 40270).
50 pc./package

RRP € 38.00

40343



#### Retrofit mechanism for hobbyists

Close coupling mechanism retrofit set for two-axle cars to 140 mm in length. 12 pc./package The drawbar has a standard coupler pocket (NEM 362). Without close coupling heads.

RRP € 24.50

10851



#### Switching power supply

Output: 18 Volt, 54 VA. Power supply for the multiZentrale pro 10832. With overload fuse and short circuit proof. Back feed protection.

RRP € 69.00

40344



#### Retrofit mechanism for hobbyists

Close coupling mechanism retrofit set for two-axle cars over 140 mm in length and bogie cars up to 170 mm in length. 12 pc./package. Without close coupling heads.

RRP € 24.50

10725



#### **Universal transformer**

Output: 16 Volts, 50VA. Supplies power for the following components: amplifier 10764, booster 10765, interface 107875, analog controller 10727. With overload protection and negative feed protection. LGA tested.

RRP € 47.00

40243



#### **ROCO standard D-link coupling**

heads for standard coupler pockets in accordance with NEM 362.

2 pc./package

RRP € 3.00

40244



Fleischmann- hook coupler heads for standard coupler pockets in accordance with NEM 362. 2 pc./package

RRP € 3.00

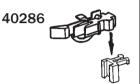


#### **Power distributor**

Necessary for connecting var. accessories (turnouts, light, signals, etc.) to the new transformers. Input is a coaxial socket, outputs – via a luster terminal and four 3-pole connector zones (to connector system) and via a fixed cable with a coaxial connector to the control device or the digital device.

40287

#### RRP € 15.00



Close coupling heads with advance uncoupler tab, suitable for Ade\*6) - cars, height adjustable. 2 pc./package

RRP € 4.90

#### 40345



#### **Electric coupling, 4-pole**

This coupler is used for extending the supply and control voltages from the locomotive to the car, or from car to car. 2 pc./package.

#### RRP € 15.00



Close coupling with coupling draw-bar 2 pc./package

#### RRP € 4.40

## 40375

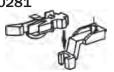


#### **HO claw coupling**

Claw coupling for Swedish LKAB ore car, article nos. 45971, 45992, 66285, etc. Contents: 2 per package

RRP € 2.60

#### 40281



Close coupler heads with advance uncoupler tab, suitable for Fleischmann- models with trunnion pocket. 2 pc./package

#### RRP € 4.90

## 40390



**H0e stirrup coupling** 

RRP € 3.00

#### 40360



Close coupling heads with

advance uncoupling tab,

height adjustable.

RRP € 4.90

2 pc./package

#### Universal lighting kit for 4-axled goods wagons

Kit: Contains a 300 mm flexible strip conductor, five bulb carriers, five bulbs 16 V/22 mA, two wheel current pick-up contacts, fastening material. The bulb carriers can be pushed onto the flexible strip conductor in any number and position. No solder work required for installation. The lighting set is also suitable for lighting station platforms, for example.

#### RRP € 13.00

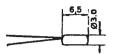
#### 40361



#### Universal lighting kit for 2-axled and 3-axled goods wagons

The kit contains a 150 mm flexible conductor strip, two bulb carriers, two bulbs, 16 V/22 mA, two wheel current pick-up contacts, fastening material. The bulb carriers can be pushed onto the flexible strip conductor in any number and position. No solder work required for installation. The lighting set is also suitable for lighting station platforms, for example.

#### RRP € 13.00



Light bulb, 12 V/60 mA Packaging unit/price unit set, each 5 pc. rated voltage/power consumption.

RRP € 8.30

# 40321

Light bulb, 16 V/22 mA Packaging unit/price unit set, each 5 pc. rated voltage/power consumption.

RRP € 8.30

# 40187

Wheel set Ø 9 mm DC, with  $18 \text{ k}\Omega$  resistor for track busy indicator. 2 pc./package

RRP € 8.30

40189



NEM-HO standard wheel set DC. insulated on both sides. Ø 7.5 mm, 2 pc./package

RRP € 4.60

## 40198



NEM-HO standard wheel set DC. insulated on both sides. Ø 11 mm, 2 pc./package

RRP € 4.40

#### 40182



**NEM-HO** standard wheel set DC, axle length 23.8 mm, only suitable for 47265.Ø 11 mm, 2 pc./package

RRP € 4.40

### 40194 🗏



NEM-HO standard wheel set

DC, insulated only on one side, Ø 9 mm, 2 pc./package

RRP € 4.40

# 40199

NEM-HO standard wheel set

DC. insulated on both sides. Ø 11 mm, 2 pc./package

RRP € 4.40

#### 40193



Wheel set 11 mm, with forked

axle. Overall length: 23,8 mm. For passenger wagons type N28, article no. 64420 to 64245 and 64246 to 64249. 2 pc./ package

RRP € 6.20

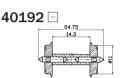
#### 40197



NEM-HO standard wheel set

DC. insulated on both sides. Ø 9 mm, 2 pc./package

RRP € 4.40



NEM-HO standard wheel set

DC, with split axle Ø 11 mm, 2 pc./package

RRP € 6.20

#### 40188



**NEM-HO** standard spoked wheel set

DC, for goods wagons & passenger cars, insulated on one side, Ø 11 mm, 2 pc./package

RRP € 7.60

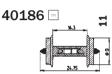
#### 40191 🗏



NEM-HO standard wheel set

DC, with forked axle Ø 9 mm, 2 pc./package

RRP € 6.20



Wheel set Ø 11 mm

DC, with  $18 \text{ k}\Omega$  resistor for track busy indicator. 2 pc./package

RRP € 8.30



NEM-HO standard fine-cast spoked wheel set

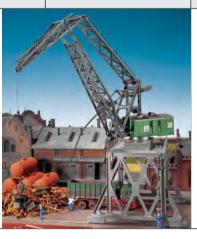
DC, with forked axle, Ø 11 mm, 2 pc./package

RRP € 7.60

#### 40110 | 40111

**Digital jib crane** . Prototype: Characteristic jib crane with parallel booms. Well suited for industrial and harbour areas, goods stations and loading tracks. Model: Fully functional model. Four functions controllable in DCC format. The upper part is turnable 360° without stopping, booms are extentable and retractable, crane hooks made of metal and can be lowered and lifted, electric magnet. In connection with a functional bagger shovel 46807 interesting play scenarios can be made up.

RRP € 349.00 | RRP € 349.00



#### 46807

#### **Bagger shovel for portal frame**

Fully functional model for interaction with the mobile cranes 40110 and 40111. The bagger shovels can be closed and opened electromagnetically. Ideal for loading and unloading of bulk goods.



RRP € 36.00

402	266	40264	40267	40184	40066 12.5 Ø 12.5-13.8
DC, ir	25 wheel set nsulated on one side. nm, 2 pc./package	RP-25 wheel set DC, insulated on one side. Ø 9 mm, 2 pc./package	RP-25 wheel set DC, insulated on one side. Ø 11 mm, 2 pc./package	AC wheel set AC, Ø 7.5 mm, 2 pc./package	Adhesive ring set, 12.5-13.8mm
RRI	P € 5.90	RRP € 5.90	RRP € 8.00	RRP € 4.40	RRP € 4.40
400	067	40068	40195	40196	40183
	tion wheel set DC 8.2 mm, 10 pc.	Traction wheel set DC 8.3-10.2 mm, 10 pc	<b>H0 AC wheel set</b> AC, Ø 9 mm, 2 pc./package	<b>H0 AC wheel set</b> AC, Ø 11 mm, 2 pc./package	HO AC wheel set AC, axle length 23.8 mm. Only for 47265, Ø 11 mm, 2 pc./package
RRI	P € 4.50	RRP € 4.50	RRP € 4.40	RRP € 4.40	RRP € 4.40
403	181 🖸	40069 (a) 0 10,3-12,8 mm	40070  Ø 12,9-14,6 mm	40071 = Ø 14,7-16,5 mm	40072 = Ø 16,5-19 mm
spok	AC fine-cast red wheel set Ø 11 mm, 2 pc./package	Traction wheel set DC 10.3-12.8 mm, 10 pc.	Traction wheel set DC 12.9-14.6 mm, 10 pc.	<b>Traction wheel set DC</b> 14.7-16.5 mm, 10 pc.	<b>Traction wheel set DC</b> 16.5-19 mm, 10 pc.
RR	P € 7.60	RRP € 4.50	RRP € 4.50	RRP € 4.50	RRP € 4.50
400	073 ⊡	40074 \( \to \) \( \text{\$\text{\$0\$}} \) \( \text{\$0\$} \) 10,3-12,4 mm	40075 № Ø 12,5-15,3 mm	40076 ☑ Ø 15,4-17,5 mm	<b>40077</b>
	tion wheel set DC 10.2 mm, 10 pc.	Traction wheel set DC 10.3-12.4 mm, 10 pc.	Traction wheel set DC 12.5-15.3 mm, 10 pc.	<b>Traction wheel set DC</b> 15,4-17,5 mm, 10 pc.	Traction wheel set DC 17,6-20,0mm, 10 pc.
RR	P € 4.50	RRP € 4.50	RRP € 4.50	RRP € 4.50	RRP € 4.50

www.roco.cc Accessories



Smoke generator for BR80, BR 36 analog and digital **locomotives** 

RRP € 26.50

10003



Microfiber cleaning cloth

Premium cleaning cloth

RRP € 8.30

40501



Alternating current pick-up. Length 56 mm.

Alternating current pick-up. Length 56 mm.Improved geometry, improved contact security.

RRP € 10.40

40082

Set of bridge pillars Height 94 mm. For 40080 and 40081.

RRP € 17.00

40014



**HO** locomotive preparation set Includes the selection of ROCO accessories shown.

RRP € 6.20

40005



Loading ramp for automobiles

H0

RRP € 5.60

40500



AC pick-up. Length 42 mm

Improved geometry, improved contact security.

RRP € 9.40

40080



Box girder bridge

The ROCO bridges are delivered in kits. They can be clipped together in minutes without using adhesives. Length: 228.6 mm, Width: 75 mm.

RRP € 20.00

40001



**Engineer and fireman** 

All purpose hobbyist's saw

RRP € 10.90

For cutting track sections to size

10900

3 pc./ package, painted, HO

RRP € 8.30 RRP € 5.90

10905

40000

24 pc./package

HO Railway figures (unpainted)





40025

Colorless display case

not included!

RRP € 9.90

For models with maximum length

of 220 mm (LxWxH/238x75x75 mm). The model shown here is

**Special lubricating grease for locomotive transmissions** 

This premium grease is particularly suited for plastic gears and provides an excellent glide effect. It cannot resinify or saponify, and it is resistant to pressure. Contents: 8 g.

RRP € 10.20

10906



Oiler

Practical tool for properly "lubricating" sintered bearings of model locomotives. One drop per lubricating point is sufficient!

RRP € 14.90

40081



**Arched bridge** 

The ROCO bridges are delivered in kits. They can be clipped together in minutes without using adhesives. Length: 457 mm, Width: 75 mm.

RRP € 40.00

# 10630-10638

## 10623

#### 10628



#### Single-pole cable

Colors: black (10630), brown (10631), red (10632), orange (10633), yellow (10634), green (10635), blue (10636), violet (10637), grey (10638), conductor cross section 0.7 mm<sup>2</sup>, length 10 m.

#### 3-pole cable

Flat ribbon cable Conductor cross section 0.7 mm<sup>2</sup>. length 10 m.

RRP € 14.50

#### 5-pole cable

10625

Flat ribbon cable Conductor cross section 0.7 mm<sup>2</sup>, length 10 m.

#### 8-pole cable

Flat ribbon cable Conductor cross section 0.7 mm<sup>2</sup>, length 10 m.

RRP € 26.00 RRP € 32.00

#### RRP € 4.40



10605



10608



10616



#### Cable plugs

Adapters for connecting three single cables with flat connector system.

3-pole connector 12 pc./package

#### 5-pole connector

12 pc./package

#### 8-pole connector

4 pc./package

#### 16-pole connector

1 pc./package

RRP € 0.60

RRP € 0.60

10603

RRP € 1.80

RRP € 2.80

RRP € 6.20

10619



10520



10521



10522



#### **Connecting cable** Length 120 cm.

For switches 10520, 10525, 10526.

RRP € 7.30

#### Change-over button with feedback

For four solenoid-operated articles such as turnouts, signals, relays etc.

RRP € 28.40

#### **Change-over button**

For solenoid-operated articles (turnouts, signals, relays) without automatic end-position switch-off.

RRP € 17.40

Single action button for uncoupling tracks

Use this unit wherever power must be supplied for a short time. The individual buttons are electrically insulated and thus they can operate different power circuits.

RRP € 13.50

10524





Signal switch with feedback

and train control. Two, two

two-aspect light signals (e.g.

ROCO N 20010, HO 40020)

RRP € 28.40

without magnetic drives, can be operated with one switch.

10526



10019



#### Changeover switch (on/on)

The switch is used wherever alternating switch-on connections are necessary. It is connected via the connector zone. Each individual switch is designed for maximum permissible current of 0.5 A.

RRP € 17.40

10525

**Change-over button with** feedback. For single-slip turnouts and symmetric

RRP € 28.40

three-way turnouts.

Universal relay with four

change-over contacts Contact load: 1.5 A

RRP € 14.10

Aut Nu	mm	Aut Nu	E:0	Aut Nu	E3	Aut Nu	EE	Aut Nu	E:3	Aut Nu	E8	Aut Nu	EE
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62338	23	67854	39	62609	54	15002	66	62803	77	62631	84	62358	91
62336	23	67855	40	64045	54	15005	68	68803	77	68631	84	68358	91
62337	23	67856	40	64046	55	33207	68	62806	77	62632	84	62497	91
62335	23	67857	40	62345	56	34611	68	62942	78	68632	84	68497	91
66719	24	67858	40	68345	56	34612	68	62943	78	62346	85	62349	91
66720	24	67859	40	62495	56	34613	68	62960	78	68346	85	68349	91
66947	24	67860	40	68495	56	63306	70	68960	78	62627	85	62390	91
66948	24	67811	41	62615	56	69306	70	62800	78	68627	85	68390	91
66990	24	67812	41	64017	57	62212	70	68800	78	62345	86	62705	92
66991	24	67813	41	45832	57	62327	70	62970	79	68345	86	68705	92
41307	26	67814	41	45787	57	68327	70	62971	79	62350	86	62707	92
61410	26	67815	41	64018	57	63289	70	62810	79	68350	86	68707	92
41275	26	67816	41	62631	58	63230	71	68810	79	62347	86	62604	92
41308	27	63228	43	68631	58	62210	71	62815	79	68347	86	68604	92
41312	27	64048	43	64012	58	68210	71	62849	80	62526	86	62547	92
41306	28	62293	44	64022	58	62290	71	68849	80	62622	87	68547	92
41327	28	64014	44	64719	59	62294	71	62789	80	68622	87	63305	93
41303	29	64015	44	64720	59	62316	72	63130	80	63839	87	69305	93
41314	29	64016	44	64721	59	63220	72	63131	80	69839	87	62262	93
41319	30	63943	45	62366	60	69220	72	69131	80	62348	87	68262	93
41318	30	69943	45	68366	60	62207	72	62857	81	68348	87	62280	93
61412	31	64041	45	64042	60	63343	72	68857	81	62527	87	62281	93
41305	31	62496	46	64050	60	62190	73	62848	81	62626	87	68281	93
41316	32	64028	46	64722	61	62191	73	68848	81	63853	88	62887	94
41324	32	64029	47	64725	61	68191	73	62839	81	69853	88	68888	94
41315	33	62371	48	64723	61	62315	73	68839	81	62621	88	62828	94
41311	33	45135	48	64726	61	62320	74	63180	82	62623	88	62820	94
41313	34	45140	48	64724	61	62282	74	69180	82	68623	88	68820	94
51231	35	45136	49	64727	61	62283	74	63181	82	62624	88	63834	95
51130	35	45137	49	15000	62	63344	74	69181	82	68624	88	69834	95
68319	37	45139	49	15003	63	69344	74	63182	82	62700	89	62647	95
69874	37	45138	49	15004	63	63229	74	69182	82	68700	89	68647	95
68818	37	62340	50	62846	64	62213	75	63045	82	62701	89	62406	95
68629	37	68340	50	68846	64	62232	75	69045	82	68701	89	68406	95
67843	38	45788	50	62847	64	62326	75	63175	83	62702	89	62587	95
67844	38	45789	50	68847	64	62328	75	69175	83	68702	89	62588	96
67845	38	64319	50	62263	64	62329	75	63176	83	62362	89	68588	96
67846	38	45790	51	68263	64	63342	76	69176	83	68362	89	62660	96
67847	38	45830	51	63872	64	69342	76	63047	83	62550	90	68660	96
67848	38	45831	51	69872	64	63264	76	69047	83	68550	90	62592	96
67849	39	45858	51	66071	65	63265	76	63052	83	62353	90	62593	96
67850	39	62369	52	66072	65	69265	76	62626	84	68353	90	68593	96
67851	39	68369	52	66074	65	63862	76	68626	84	62339	90	63837	97
67852	39	64024	52	66075	65	62844	77	63835	84	68339	90	69837	97
67853	39	64025	53	15001	66	62845	77	69835	84	63172	90	62649	97

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68650	97	62302	105	62674	111	64516	122	64316	134	64782	145	64021	157
63864	97	68302	105	68674	111	45655	123	64270	134	64785	146	64759	157
69864	97	62303	105	62380	112	64517	123	64271	134	64784	146	44243	158
62589	98	68303	105	68380	112	64518	123	64272	135	64756	146	44244	158
68589	98	62305	105	63946	113	64314	124	64273	135	64010	146	44297	158
62486	98	68305	105	62382	113	45868	124	64800	135	64330	147	44242	158
62364	98	62306	105	68382	113	45869	124	64801	135	64757	147	64760	159
68364	98	68306	105	62955	113	64315	124	64802	136	64758	147	64320	159
62598	98	62903	106	62682	113	45812	124	64803	136	64013	147	64321	159
68598	98	62466	106	62863	114	64496	125	64804	136	64777	148	64322	159
62597	99	68466	106	68863	114	64497	125	54410	137	45352	148	45555	160
68597	99	62613	106	62858	114	64498	125	54411	137	45353	148	64339	160
63322	99	68613	106	68858	114	64499	125	54412	137	45355	148	64340	160
69322	99	62895	106	62534	114	64031	126	54425	137	45838	149	64341	160
62667	99	68895	106	62655	114	64033	126	54426	138	45503	149	45826	161
68667	99	62896	107	62708	115	64317	127	54427	138	45839	149	64037	161
62668	99	68896	107	68708	115	64736	127	54413	138	45841	149	45827	161
68668	99	62893	107	62586	115	64730	128	54415	138	45887	150	45825	161
62640	100	68893	107	68586	115	64731	128	54415	139	45095	150	64038	162
63898	100	62894	107	62694	115	64733	128	45008	139	45096	150	64044	162
63897	100	62890	107	62359	115	45785	128	45009	139	64040	150	64753	162
69897	100	68890	107	68359	115	64750	129	45880	139	64027	151	64754	162
63126	100	62819	108	62924	116	45705	129	64210	140	44976	151	64043	163
62498	101	62794	108	62925	116	45796	130	64211	140	64257	151	64500	163
62506	101	68794	108	62926	116	45797	130	45881	140	44771	152	64501	163
68506	101	63944	108	62927	116	45798	130	64318	140	45329	152	64502	164
62695	101	69944	108	62928	117	45799	130	64009	141	64258	152	64035	164
68695	101	62910	108	62929	117	64751	131	64260	141	45156	152	64036	164
63150	102	68910	108	62211	117	45250	131	64261	141	64259	153	64034	164
69150	102	62911	109	62599	117	45855	131	64262	141	45319	153	45815	165
63151	102	68911	109	62760	118	45856	131	64240	142	45321	153	45816	165
69151	102	63140	109	62761	118	45870	132	64241	142	45589	153	45817	165
63152	102	63141	109	64052	120	45871	132	64242	142	45746	154	64752	166
69152	102	62675	109	44201	120	45872	132	64243	142	45747	154	45565	166
62690	103	68675	109	44212	120	45873	132	64244	143	45748	154	64295	166
62585	103	63160	110	44223	120	45874	132	64245	143	45749	154	64296	166
62635	103	69160	110	44583	120	45875	132	64263	143	64027	155	45588	167
68635	103	62671	110	44584	121	45876	132	64264	143	45307	155	45535	167
63887	103	68671	110	44585	121	45877	132	64265	144	45608	155	45132	167
63887	103	62669	111	44586	121	45878	133	45840	144	45119	156	45133	167
63847	104	68669	111	64515	121	45879	133	64786	144	64288	156	64816	168
69847	104	62672	111	64516	122	45864	133	64787	144	64289	156	64817	168
62762	104	68672	111	64019	122	45865	133	64780	145	45828	156	64818	168
62861	104	62673	111	64227	122	45866	133	64783	145	64026	157	64819	168
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64806	170	66379	183	67203	193	66112	206	66378	217	32403	227	61102	243
64807	170	66392	183	66507	194	66113	206	66757	217	32211	228	61103	243
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64812	172	46331	184	66581	195	66067	208	33241	220	32419	228	61119	244
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66052	174	66138	186	66779	197	66932	209	34596	222	36027	231	61124	245
66184	175	66464	186	66783	197	66718	209	34557	222	36028	231	61128	245
44002	175	66860	186	66951	197	67204	209	34558	222	36013	232	61129	245
66785	175	66508	186	66510	197	67205	210	34598	223	36000	232	61130	245
66827	175	66183	187	66321	198	67206	210	34571	223	36014	232	61140	246
66850	176	66787	187	66568	198	67207	210	34595	223	36011	232	61141	246
66641	176	66182	187	66567	198	66439	210	34528	223	36012	233	61154	246
66039	176	66528	187	66632	198	66446	211	34529	224	36239	233	61155	246
46400	176	66185	188	66603	199	66956	211	34530	224	36230	233	61160	246
46042	177	66186	188	66629	199	66957	211	34550	224	36233	233	61164	246
66840	177	66599	188	66714	199	66784	211	34551	224	36234	234	61180	246
66077	177	66949	188	66618	199	66090	212	34552	225	36240	234	61190	247
66828	178	66583	189	66102	200	66972	212	34553	225	36241	234	61191	247
56113	178	66826	189	66308	200	66106	212	34599	225	36237	234	61192	247
66880	178	66920	189	66430	200	66107	212	34515	225	36238	235	61193	247
66820	178	66081	189	66444	201	66926	212	34600	227	36212	235	61181	247
66099	179	66082	190	66796	201	66832	213	34601	227	36226	235	61195	247
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46031	179	66910	190	66795	201	66089	214	34603	227	36213	236	61197	247
66053	179	66911	190	66604	202	66462	214	34604	227	36225	236	61117	247
66789	180	66800	191	46618	202	66756	214	34605	227	37583	236	42406	248
66921	180	66861	191	66662	202	66970	214	34606	227	37584	236	42410	248
66931	180	66104	191	66324	202	66079	215	34607	227	37546	237	42411	248
66930	180	66105	191	66323	204	66080	215	34610	227	37545	237	42412	248
66766	181	66357	191	66862	204	66285	215	32200	227	37562	237	42419	248
66767	181	66096	192	66058	204	66966	215	32201	227	37585	237	42421	248

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42422	249	42489	253	42610	257	10777	276	40390	281	40195	283	10630	285
42423	249	42493	253	42611	257	10767	276	40360	281	40196	283	10631	285
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42425	249	42615	254	98019	257	10765	276	40322	282	40181	283	10633	285
42426	249	42616	254	98020	257	10779	277	40189	282	40069	283	10634	285
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42428	249	40295	255	45813	258	10756	277	40197	282	40071	283	10636	285
42430	249	40296	255	66119	258	10757	277	40191	282	40072	283	10637	285
42408	249	40297	255	62434	258	10758	278	40321	282	40073	283	10638	285
42409	249	40298	255	68434	258	10759	278	40198	282	40074	283	10623	285
42400	250	10030	255	62961	258	40395	280	40199	282	40075	283	10625	285
42600	250	40293	255	68961	258	40396	280	40192	282	40076	283	10628	285
42401	250	40020	256	63863	258	40397	280	40186	282	40077	283	10602	285
42601	250	40021	256	10810	262	40270	280	40187	282	40160	284	10603	285
42440	250	40292	256	10812	264	40271	280	40182	282	40014	284	10605	285
42441	250	42605	256	10832	265	40343	280	40193	282	40001	284	10608	285
42454	251	42609	256	10732	273	40344	280	40188	282	40000	284	10616	285
42448	251	42606	256	10734	273	40243	280	40190	282	40025	284	10619	285
42451	251	42613	256	10735	273	10851	280	40110	282	10003	284	10520	285
42497	251	42256	256	10880	273	10725	280	40111	282	40005	284	10521	285
42498	251	42267	257	10881	274	40244	280	46807	282	10900	284	10522	285
42464	252	42608	257	40410	274	10726	281	40266	283	10905	284	10524	285
42465	252	40004	257	61196	274	40345	281	40264	283	40501	284	10525	285
42470	252	42652	257	61197	274	40281	281	40267	283	40500	284	10526	285
42471	252	10002	257	10775	275	40286	281	40184	283	10906	284	10019	285
42476	252	40019	257	10778	275	40287	281	40066	283	40082	284		
42477	252	10000	257	10787	275	40326	281	40067	283	40080	284		

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