

märklin

**Märklin mini-club -
the smallest electric
railway in the world**



1984/85 E

Beginner Sets

Step into the World of
mini-club Pleasures

1

8163 S 220 Volt
8164 S 100 Volt Japan
8165 S 110 Volt (60 Hz)
8166 S 240 Volt

Freight Train with Power Pack
Includes: Tank locomotive, 2 freight
cars, 2 straight tracks, 10 curved
tracks and power pack · Train length
160 mm (6-5/8")

This beginner set can be extended
into a larger layout using either the
SET program (pages 14/15) or track



2

8167 S+E 220 Volt

Freight Train with Power Pack
Includes: Diesel switcher, 3 freight
cars, 12 straight tracks, 12 curved
tracks, 2 manual switches, freight
house kit with glue tube and power
pack · Train length 210 mm (8-3/4")

This beginner set can be extended
into a larger layout using either the
SET program (pages 14/15) or by
selecting open stock track and acces-
sories. Use your imagination to create
the layout of your choice.

1

8163



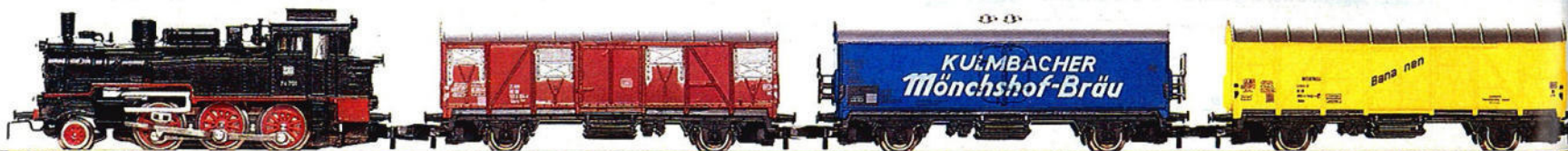
2

8167



3

8158



Special Trains

These trains are treasured gifts, they are beautifully packaged and prototypically accurate. Many items pictured here are not available separately.

1

8103 · Track Work Train · Includes: 1 diesel switcher 8864, 1 crane car 8621, 1 low-side gondola 8610 with boom support, 1 low-side gondola 8610 with rail sections, 2 high-side gondolas 8622 loaded with ballast and 1 crew car · Train length 440 mm (1' 5-3/8")

The crew car and the loaded gondolas are not available separately.

■ Construction trains have varied consists, e. g.: the number of crew and work cars depend on the type of work to be done (MOW, B & B, etc.). If trains will be working far from major terminals, retired sleepers and diners are added for the convenience of the workers.

2

8104 · Passenger Train of the former Prussian State Railways · Includes: 1 tank engine (series T 12, built for passenger service), 1 6-wheel baggage car, and 4 6-wheel coaches (one 2nd class, one 2nd and 3rd class, one 3rd class, one 4th class) · Train length 360 mm (1' 2-3/16")

These cars and the engine feature accurate coloring and stenciling and are not available separately.

■ At the beginning of the 20th century, Prussian passenger trains were characterized by 6-wheel compartment cars. A benefit of these cars was quick entraining and detraining. These were 4 classes of travel. These classes were noted with Roman numerals as well as different colors.

Illustrations are actual size

1

8103



2

8104



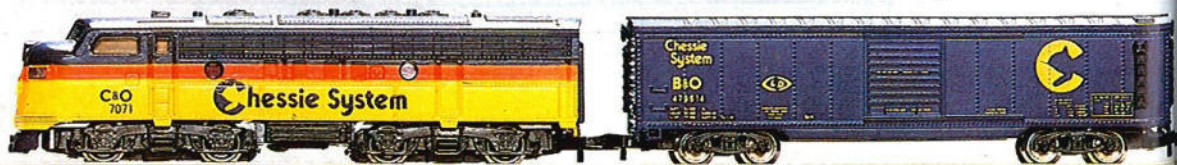
3

8105



4 NEW

8106



3

8105 · Airport Train · Includes: 1 class 111 electric locomotive with special road number and modern style pantographs, 1 1st and 2nd class commuter coach, 2 2nd class commuter coaches · Each coach has own road number · Train length 452 mm (1' 5-3/4")

Engine and cars not available separately.

■ The airport train is the German Federal Railways direct connection train between the Frankfurt/M airport and Ludwigshafen. The speedy train makes three round trips daily and stops en route at Mannheim, Weinheim, Heppenheim, Bensheim, and Darmstadt. The train is distinguished from other trains by its special livery.

4 USA

8106 · Chessie System Freight Train · Includes: 1 C&O F 7 diesel, 1 B&O box car, 1 C&O box car, 1 WM box car, 1 B&O caboose · Entire train is a special run · Train length 365 mm (1' 2-1/2")

Engine and cars not available separately.

■ The corporate name "Chessie System" evolved from "Chessie", the famous kitten. The illustration of her sleeping on a pillow was first used in a newspaper ad for the crack C&O train "George Washington". The public's

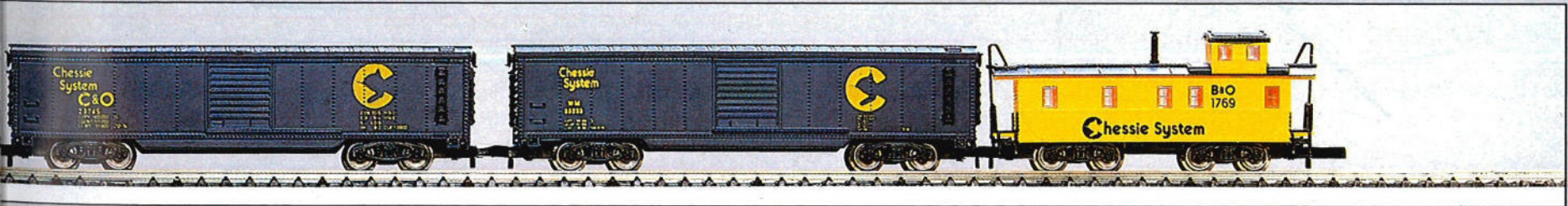
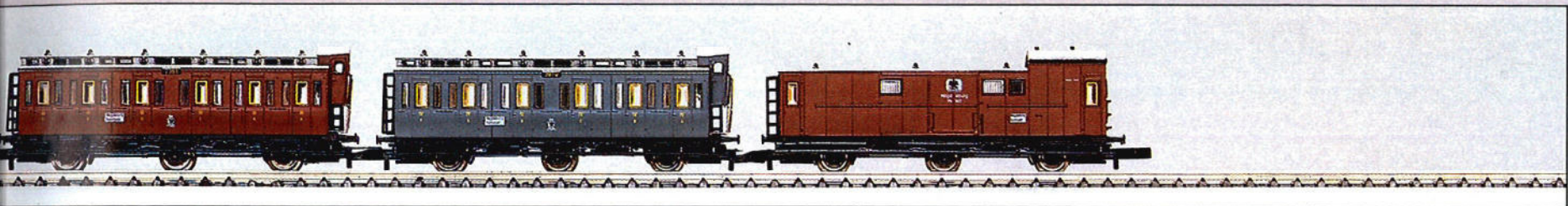
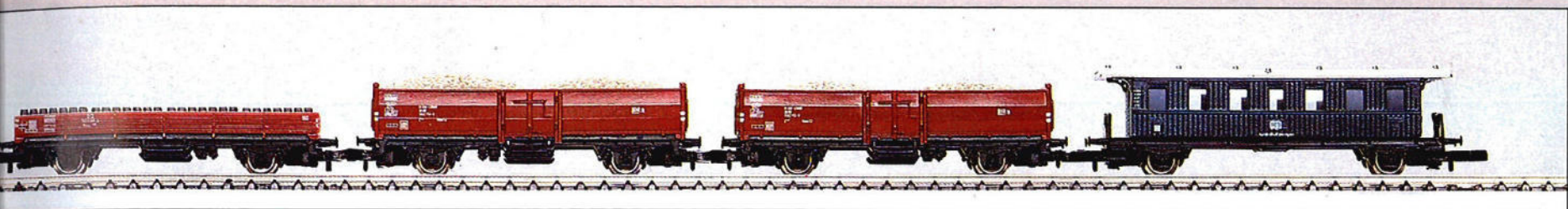
response to this ad was so great, that Chessie quickly became the company logo adorning everything from Boxcars to menus.

In 1961, the C&O acquired the Baltimore & Ohio and Chessie the cat gradually replaced the old Capitol Dome. Both companies remained independent despite the corporate merger.

In 1973, the Western Maryland was acquired by the Chessie. Since then, the general name "Chessie System" has been applied to the combined

railroads. Although cars and engines still carry reporting marks for the three companies (C&O, B&O, and WM), they are deployed as if all three companies were one.

Chessie is a service mark and is reproduced with the permission of the "Chessie System" railroads.



Steam Engines

Locomotives shown here feature:

All driving axles powered · Three working headlights (8800 not illuminated) · Metal body and trucks · Automatic couplers at rear of tender or tank engine

☉ = 8953

Important:

Operate mini-club trains only on Märklin 8 V DC power packs.

Operation on higher voltages may damage engine.

The locomotives have radio interference suppressors. Such suppressors are also included in the power packs and the feeder tracks 8590 and virtually eliminate the chance of mini-club operation disturbing a neighbor's radio or TV reception.

8974 · Re-railing Ramp · Easy way to get cars on the track

1

8800 · Tank Locomotive · Class 89 · Automatic couplers at each end · Length over buffers 45 mm (1-3/4")

3

8896 · Tank Locomotive · German Federal Railways' class 86 · Three working headlights at each end · Automatic couplers at each end · Length over buffers 63 mm (2-1/2")

☉ = 60210 (rear)

2

8895 · Tank Locomotive · German Federal Railways' class 74 · Coupling hook in front · Length over buffers 55 mm (2-3/16")

1
8800



5
8892



4 Belgium

8801 · Tank Locomotive · Belgian State Railways' (NMBS/SNCB) class 96 · Hook coupler in front · Length over buffers 55 mm (2- $\frac{3}{16}$ "')

The Märklin mini-club program offers one of the most famous German steamers in three popular versions. The S 3/6 of the Royal Bavarian State Railways (8892), the German State Railways' class 18⁴ (8891), and the German Federal Railways' class 18⁴ (8893).

5

8892 · Express Locomotive with Tender · Royal Bavarian State Railways' class S 3/6 · Length over buffers 106 mm (4- $\frac{3}{16}$ "')

7

8893 · Express Locomotive with Tender · German Federal Railways' class 18⁴ · Length over buffers 106 mm (4- $\frac{3}{16}$ "')

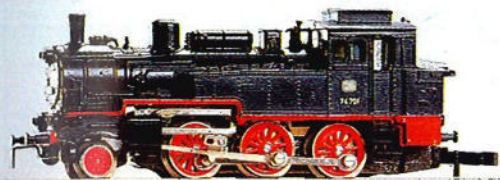
Illustrations are actual size

6

8891 · Express Locomotive with Tender · German State Railways' class 18⁴ · Length over buffers 106 mm (4- $\frac{3}{16}$ "')

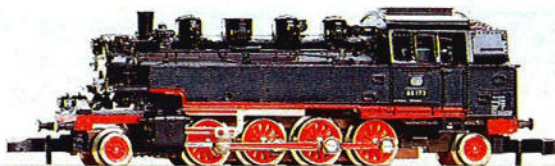
2

8895



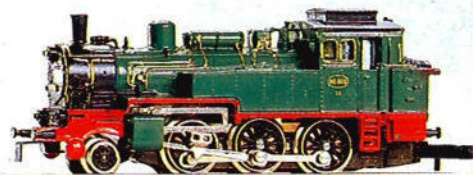
3

8896



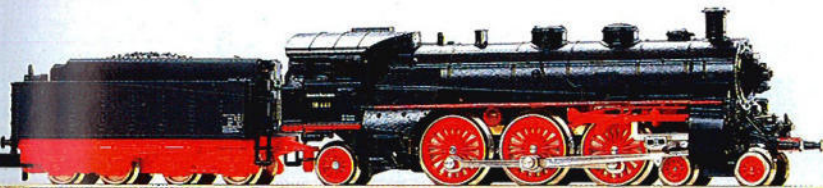
4

8801



6

8891



7

8893



Locomotives shown here feature:

All driving axles powered · Three working headlights (8803 will accept the 8953 illumination set) · Metal body and trucks · Automatic couplers at rear of tender or tank engine

Q = 8953

Important:
Operate mini-club trains only on Märklin 8 V DC power packs.
Operation on higher voltages may damage engine.

456	540
528	616
600	68
672	7
744	8
816	
888	
960	

1 NEW

8884



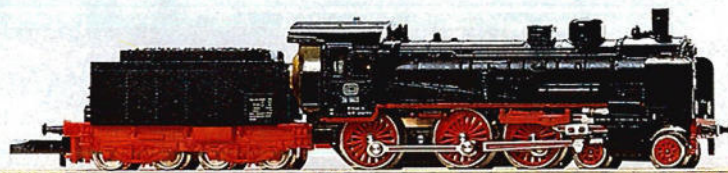
2

8803



3

8899



4

8827



5

8885



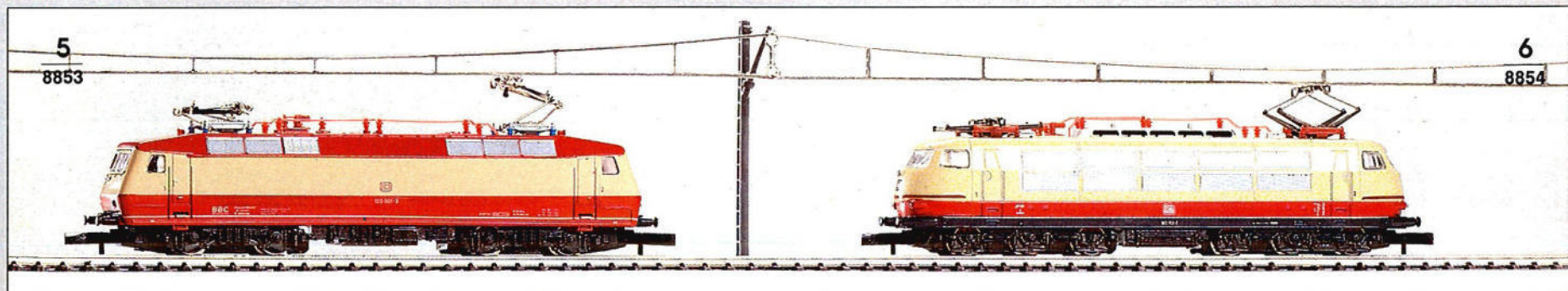
Electric Locomotives



Locomotives shown here feature:

Both trucks powered · Three working headlights at each end, illuminated according to direction · Operates from track current or from overhead wires · Metal trucks · Automatic couplers at each end

⚡ = 8953

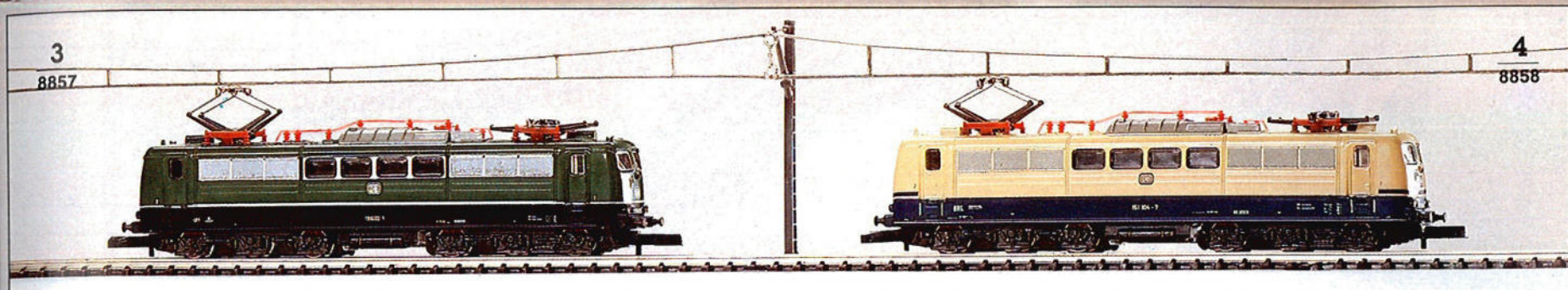
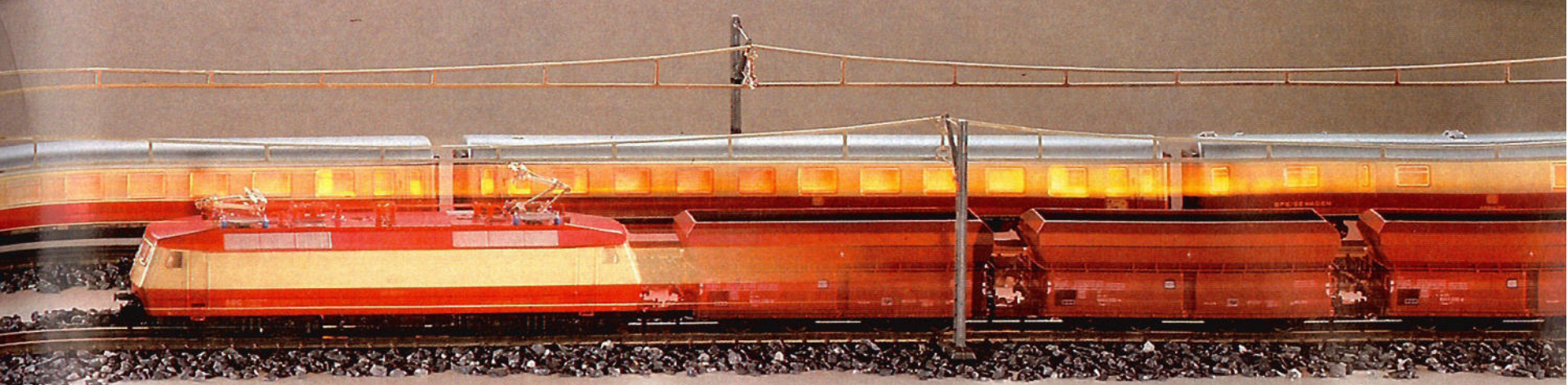


7199 · Bottle of Oil · Contains about 10 ccm special oil for cars and engines

Important:
Operate mini-club trains only on Märklin 8 V DC power packs.
Operation on higher voltages may damage engine.

Spare Parts for Locomotives

Locomotive	8800	8801	8802	8803	8804	8811	8816	8820	8821	8822	8827	8842	8850	8851	8852
Brushes	8987	8987	8988	8987	8987	8989	8988	8989	8989	8989	8989	8989	8988	8989	8989
Light bulb		8953		(8953)		8953	8953	8953	8953	8953	8953	8953	8953	60210	8953
Pantograph						8955				8955		8955 (8956)	8955	8955	8955



1
8842 · Electric Express Locomotive · German Federal Railways' class 111 · Length over buffers 76.8 mm (3")

2
8855 · Electric Locomotive · German Federal Railways' class 111 as used on fast passenger trains in the Rhine and Ruhr districts · Length over buffers 76.8 mm (3")

3
8857 · Electric Freight Locomotive · German Federal Railways' class 151 · Length over buffers 88 mm (3-1/2")

4
8858 · Electric Freight Locomotive · German Federal Railways' class 151 · Length over buffers 88 mm (3-1/2")

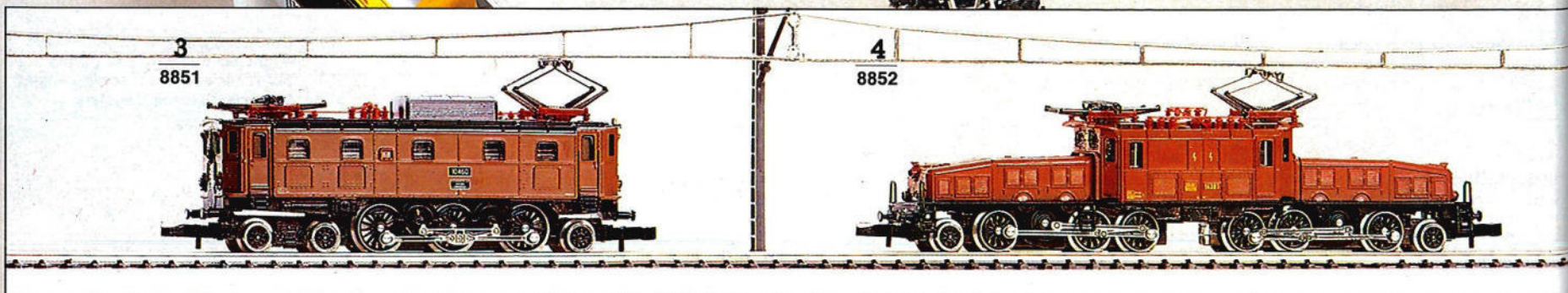
5
8853 · Electric Multi-Purpose Locomotive · German Federal Railways' class 120 · Length over buffers 87 mm (3-3/8")

6
8854 · Electric High-Speed Locomotive · German Federal Railways' class 103 · Length over buffers 88 mm (3-1/2")

Illustrations are actual size

Overhead wiring is a natural with mini-club electrics. See pages 56/57 for details on adding a fully functional catenary system.

8853	8854	8855	8856	8857	8858	8860	8861	8864	8874	8875	8884	8885	8891	8892	8893	8895	8896	8899
8989	8988	8989	8989	8988	8988	8989	8989	8987	8988	8988	8989	8989	8989	8989	8989	8987	8989	8989
8953	8953	8953	8953	8953	8953	8953	8953		8953	8953	8953	8953	8953	8953	8953	8953	8953	8953
8956	8955 (8956)	8955 (8956)	8955	8955	8955												8953 60210	8953



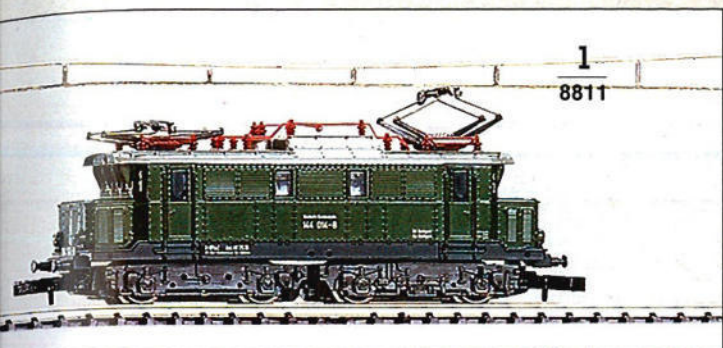
Locomotives shown here feature:

Both trucks powered · Three working headlights at each end, illuminated according to direction · Operates from track current or from overhead wires · Metal trucks · Automatic couplers at each end

⊘ = 8953

Important:

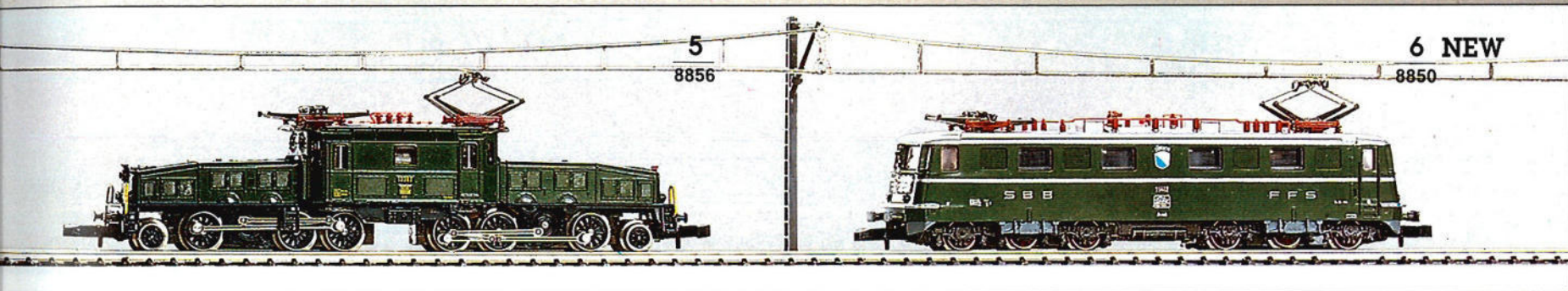
Operate mini-club trains only on Märklin 8 V DC power packs. Operation on higher voltages may damage engine.



1
8811



2
8822



5
8856

6 NEW
8850

1
8811 · Electric Passenger Locomotive · German Federal Railways' class 144 · Length over buffers 68 mm (2-11/16")

2
8822 · Electric Freight Locomotive · German Federal Railways' class 194 · Length over buffers 85 mm (3-3/8")

3 Switzerland
8851 · Electric Express Locomotive · Swiss Federal Railways' (SBB) class Ae 3/6^{III} · Length over buffers 64 mm (2-1/2")
Q = 60210

The "Crocodile" is one of the most interesting locomotives in the world. This powerful brute, even in mini-club is a bruiser, stretching 91 mm (3-5/8") end to end. Thanks to articulation, it can negotiate all mini-club curves.

4 Switzerland
8852 · Electric Freight Locomotive · Swiss Federal Railways' (SBB) class Ce 6/8^{III} (Crocodile) · Length over buffers 91 mm (3-5/8")

5 Switzerland
8856 · Electric Freight Locomotive · Swiss Federal Railways' (SBB) class Be 6/8^{III} (Crocodile) · Length over buffers 91 mm (3-5/8")

6 Switzerland
8850 · Electric Multi-Purpose Locomotive · Swiss Federal Railways' (SBB) class Ae 6/6 · Length over buffers 87 mm (3-1/2")

Illustrations are actual size

Diesel Locomotives and Self-Propelled Cars

Illustrations are actual size

Important:
Operate mini-club trains only on Märklin 8 V DC power packs.
Operation on higher voltages may damage engine.

3
8875



4
8874



7
8802



8
8816



9
8817



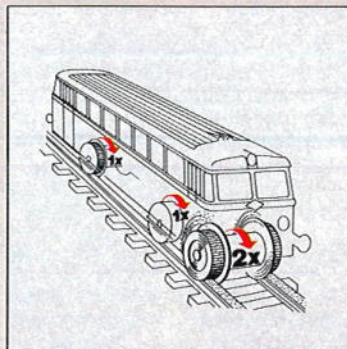
Locomotives shown here feature:

Both trucks powered · Three working headlights at each end (except 8802, 8804, 8860, 8861 and 8864) · Metal trucks · Automatic couplers at each end (except 8802)

Q = 8953

How the Track Cleaning Car works

The car has two powered axles. The rear wheels are ridged to provide better traction. Two track cleaning ridged wheels are located ahead of the front axle and they rotate faster than the driving wheels causing dirt to be thrown from the tracks.



1

8804 · Diesel Switcher · German Federal Railways' class 260 · Metal body · Length over buffers 49 mm (1.15 1/16")

2

8864 · Diesel Switcher · German Federal Railways' class 260 · Metal body · Length over buffers 49 mm (1.15 1/16")

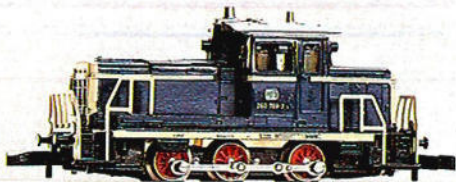
3

8875 · Road Diesel · German Federal Railways' class 216 · Three working headlights, illuminated according to direction · Length over buffers 75 mm (3")

4

8874 · Road Diesel · German Federal Railways' class 216 · Three working headlights, illuminated according to direction · Length over buffers 75 mm (3")

1
8804



2
8864



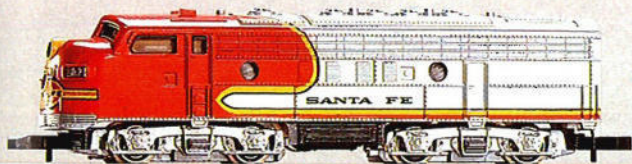
5
8821



6 NEW
8820



10 NEW
8860



11 NEW
8861



5
8821 · Diesel Hydraulic Express Locomotive · German Federal Railways' class 221 · Three working headlights, illuminated according to direction · Length over buffers 84 mm (3-3/8")

7
8802 · Track Cleaning Car · 2 powered axles · Automatic coupler on rear · Length over buffers 62 mm (2-7/16")

8
8816 · Railbus · German Federal Railways' class 798 · Length over buffers 62 mm (2-7/16")

9
8817 · Trailer for Railbus · German Federal Railways' class 998 · Length over buffers 62 mm (2-7/16")

10 USA
8860 · Diesel Locomotive · General Motors EMD F 7 · Lettered for the Atchison, Topeka & Santa Fe · Two working headlights at cab end · Front coupler and cowcatcher interchangeable · Length 74 mm (3")

11 USA
8861 · Diesel Locomotive · General Motors EMD F 7 · Lettered for Southern Pacific · Two working headlights at cab end · Front coupler and cowcatcher interchangeable · Length 74 mm (3")

6
8820 · Diesel Hydraulic Express Locomotive · German Federal Railways' class 221 · Three working headlights, illuminated according to direction · Length over buffers 84 mm (3-3/8")

Passenger Cars

Coaches of the former
German provincial railways

1

8700 · Coach · Württemberger Railways · Length 60 mm (2-3/8")

2

8701 · Coach · Württemberger Railways · Length 60 mm (2-3/8")

3

8730 · Express Coach · Royal Bavarian State Railways' type CCü · 3rd class · Length 87 mm (3-3/8")

Cars of the former
German State Railways

4

8731 · Express Coach · Type C4ü bay 11 · 3rd class · Length 87 mm (3-3/8")

5

8732 · Express Baggage Car · Type Pw4ü bay 09 · Length 78 mm (3-1/8")

Cars of the German
Federal Railways

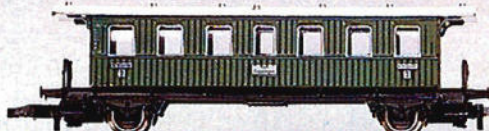
6

8703 · Baggage Car · Former type Pw3-pr02 · Length 57 mm (2-1/4")

7

8704 · Compartment Car · Former type BC3-pr03 · Length 57 mm (2-1/4")

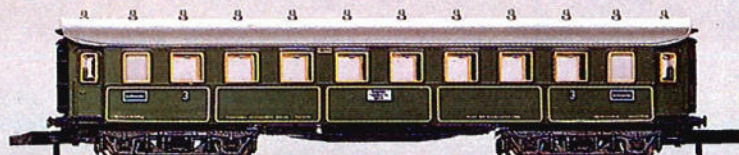
1
8700



2
8701



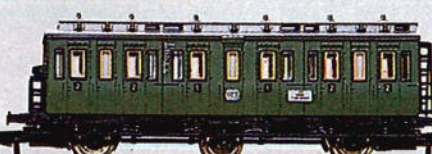
3
8730



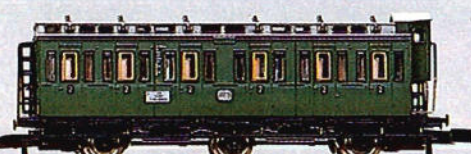
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8703



7
8704



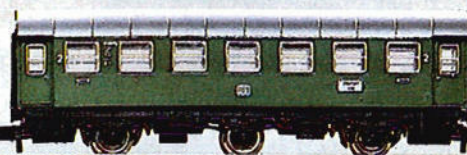
8
8705



12
8706



13
8707



14
8708



8

8705 · **Compartment Car with Brakemen's Cab** · Former type B3-pr03 · Length 57 mm (2-1/4")

9

8750 · **Coach** · Type ABi 29 · 1st and 2nd class · Length 63 mm (2-1/2")

10

8751 · **Coach** · Type Bi 29 · 2nd class · Length 63 mm (2-1/2")

11

8752 · **Baggage Car** · Type D2ie · Length 63 mm (2-1/2")

12

8706 · **Coach** · Type AB3yge · 1st and 2nd class · Length 61 mm (2-3/8")

13

8707 · **Coach** · Type B3yge · 2nd class · Length 61 mm (2-3/8")

14

8708 · **Combine Car** · Type BD3yge · 2nd class · Length 61 mm (2-3/8")

Cars of the Swiss Federal Railways (SBB)

15 Switzerland

8748 · **Express Coach** · Older type C4ü · 3rd class · Length 87 mm (3-3/8")

16 Switzerland

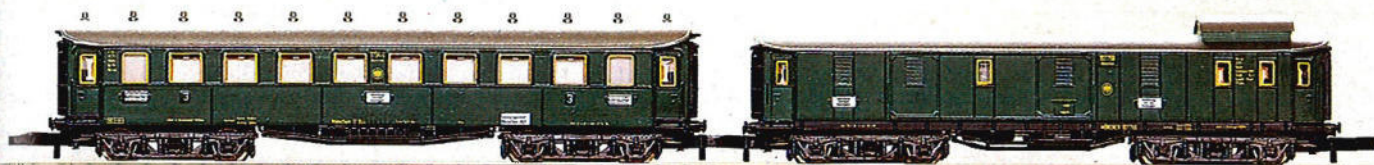
8749 · **Express Baggage Car** · Older type F4ü · Length 91 mm (3-7/16")

4

8731

5

8732



Illustrations are actual size

9

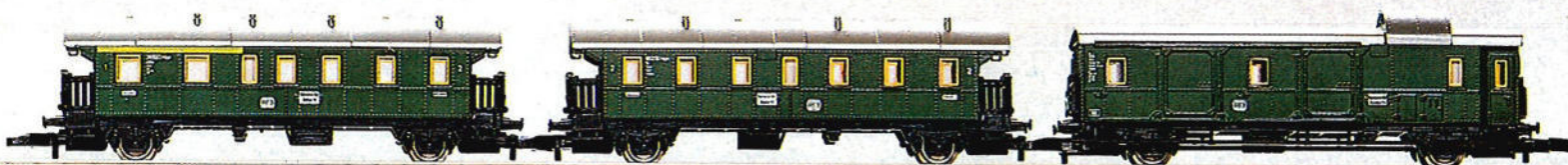
8750

10

8751

11

8752

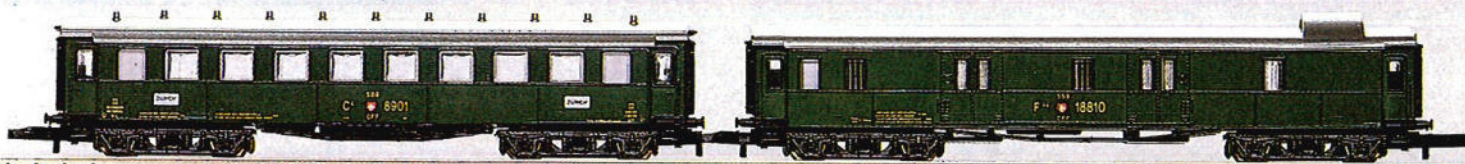


15

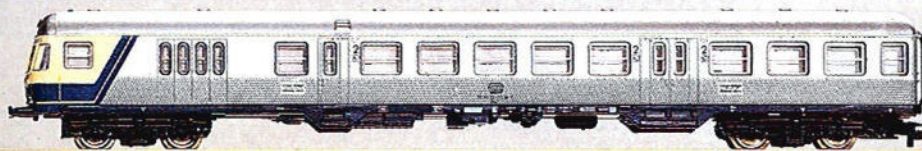
8748

16

8749



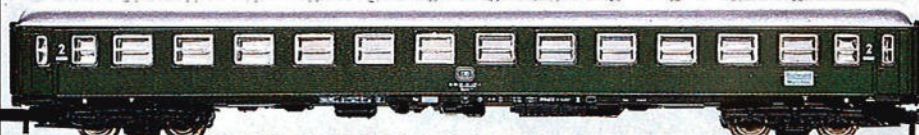
1
8718



2
8717



4
8711

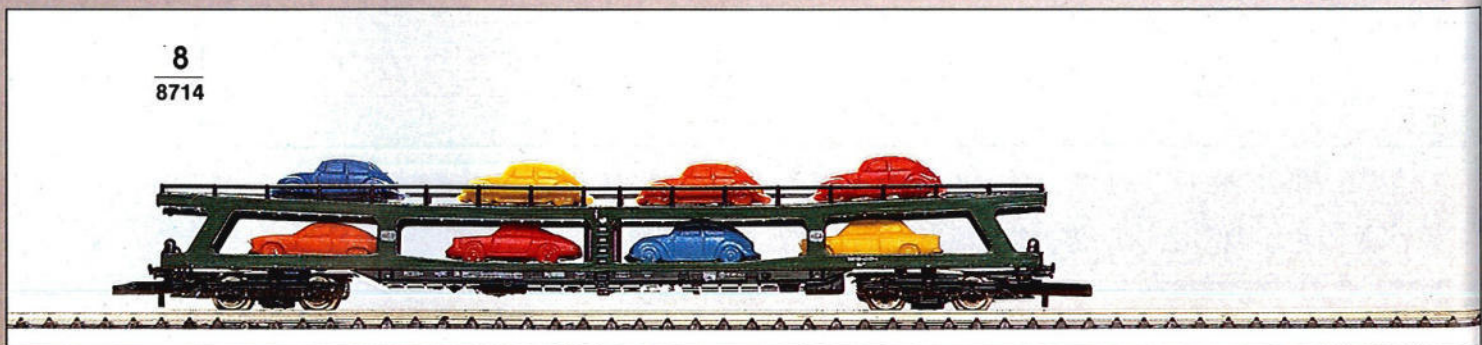


5
8713



Illustrations are
actual size

8
8714



Commuter Cars of the German Federal Railways

1

**8718 · Commuter Car with Baggage
Compartment and Brakeman's
Cab** · Type BDnf 735 · 2nd class ·
Three white headlights and two red
tail lights, illuminated according to
direction · Length 120 mm (4-3/4")

When the train runs control car first,
three white headlights shine from the
control car.

When the train runs diesel first, two red
tail lights shine from the control car.

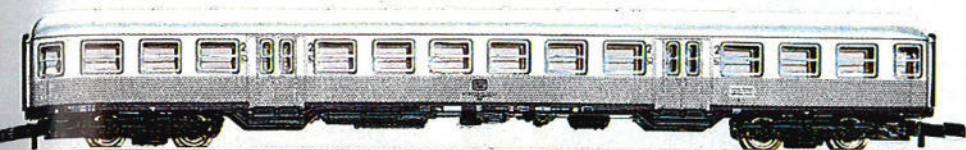
2

8717 · Commuter Car · Type
ABnrzb 704 · 1st and 2nd class ·
Length 120 mm (4-3/4")

3

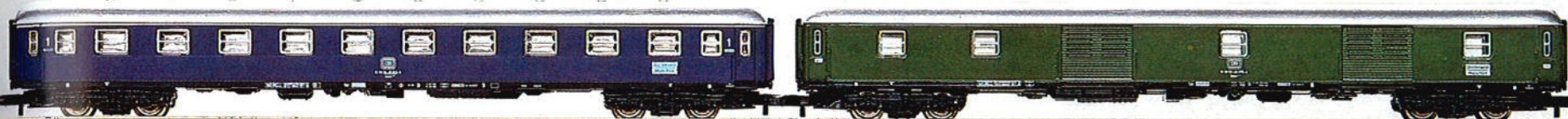
8716 · Commuter Car · Type
Bnb 719 · 2nd class · Length 120 mm
(4-3/4")

3
8716



6
8710

7
8712



Passenger Cars of the German Federal Railway

4

8711 · **Express Coach** · Type Bm ·
2nd class · Length 120 mm (4-3/4")

5

8713 · **Diner** · Type WRmh¹³²
(ex-WRümh 132) · Length 120 mm
(4-3/4")

6

8710 · **Express Coach** · Type Am ·
1st class · Length 120 mm (4-3/4")

7

8712 · **Baggage Car** · Type Dm⁹⁰²
(ex-Düm 902) · Length 120 mm (4-3/4")

8

8714 · **Auto Carrier** · Type DDm⁹¹⁵ ·
Includes 8 autos · Length 120 mm
(4-3/4")



Passenger Cars of the
German Federal Railways

1

8722 · Baggage Car · Type Dm⁹⁰²
(ex-Düm 902) · Length 120 mm (4-3/4")

2

8720 · Express Coach · Type Am²⁰³
(ex-Aüm 203) · 1st class · Length
120 mm (4-3/4")

3

8723 · Diner · Type WRmh¹³²
(ex-WRümh 132) · Length 120 mm
(4-3/4")

4

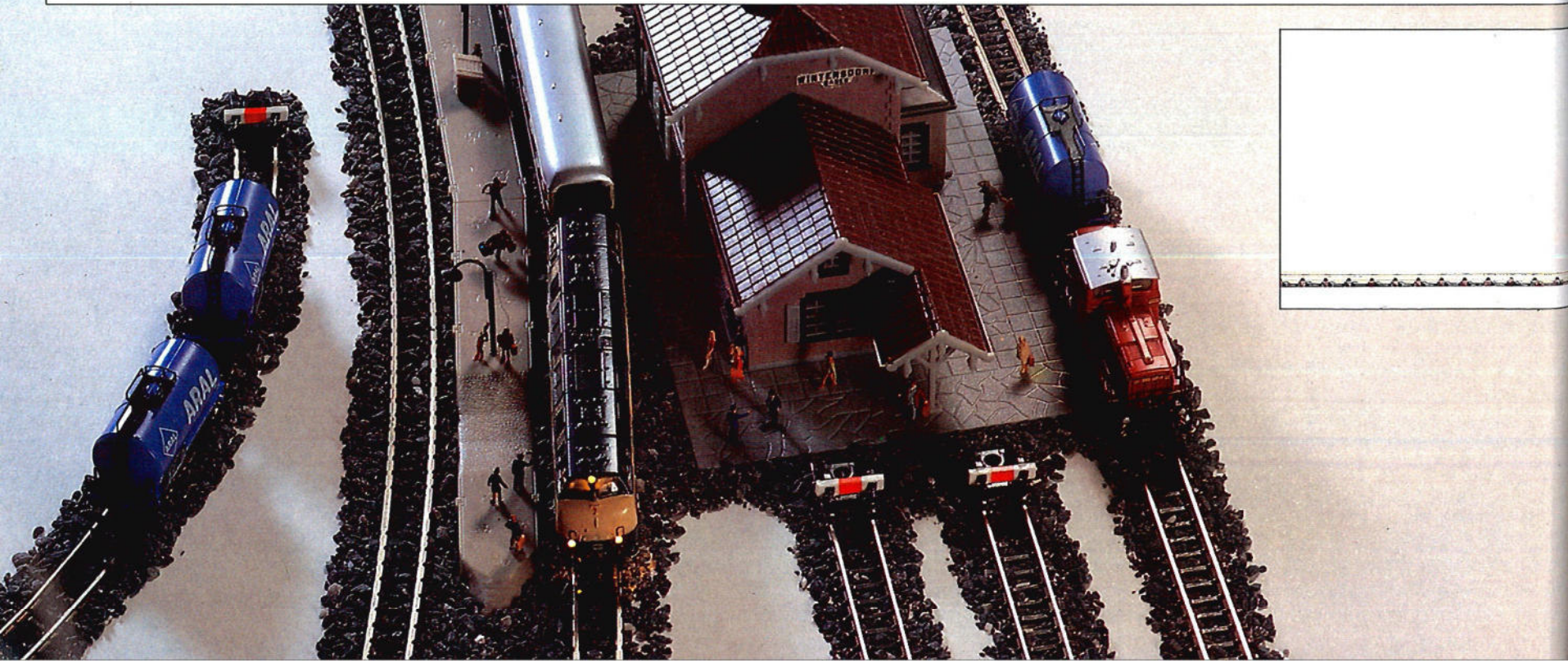
8721 · Express Coach · Type Bm²³⁴
(ex-Büm 234) · 2nd class · Length
120 mm (4-3/4")

1

8722

2

8720



EUROFIMA Cars

5

8740 · Express Coach · German Federal Railways' type Avnz²⁰⁷ (EUROFIMA A9) · 1st class · Length 120 mm (4-3/4")

6 Switzerland

8741 · Express Coach · Swiss Federal Railways' (SBB) type Am Typ UIC-Z1 (EUROFIMA A9) · 1st class · Length 120 mm (4-3/4")

■ The type A9 EUROFIMA coach was developed by a consortium of six European railroads. The German Federal Railways operates 100 and the Swiss Federal Railways fields 20 of the cars.

3
8723

4
8721



5
8740

6 NEW
8741



Illustrations are
actual size



2

8724
8734

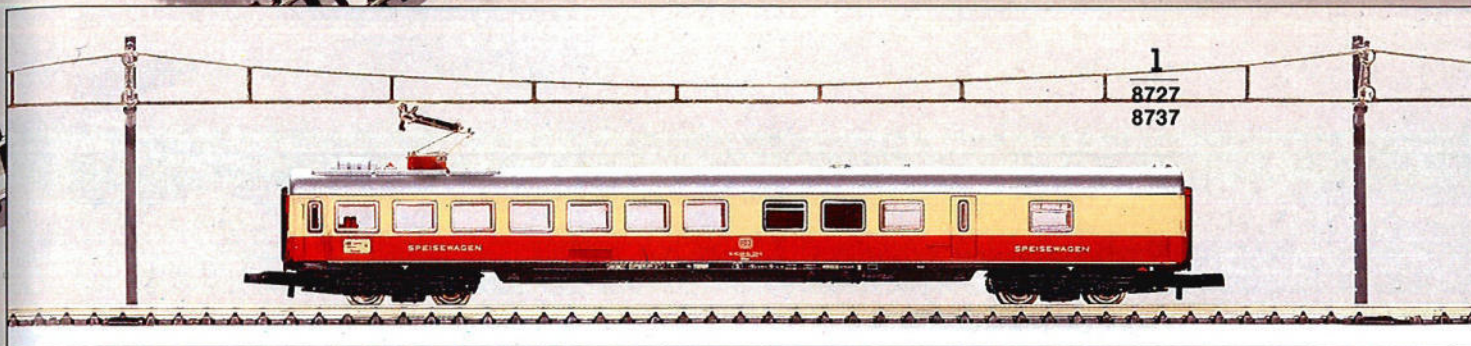
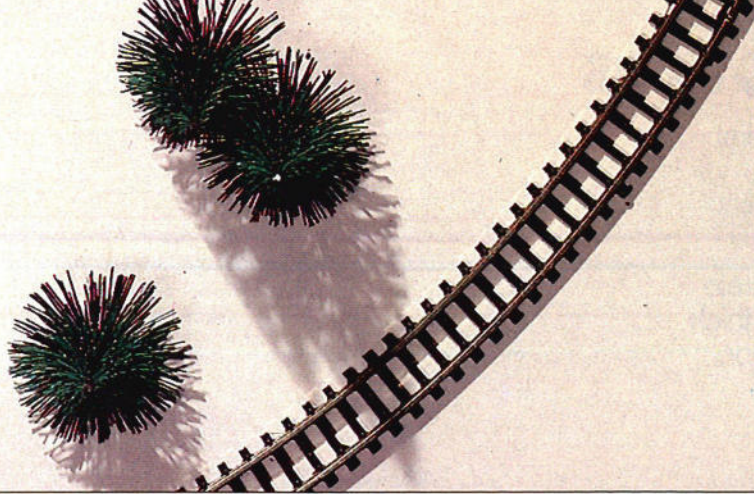
3

8728
8738

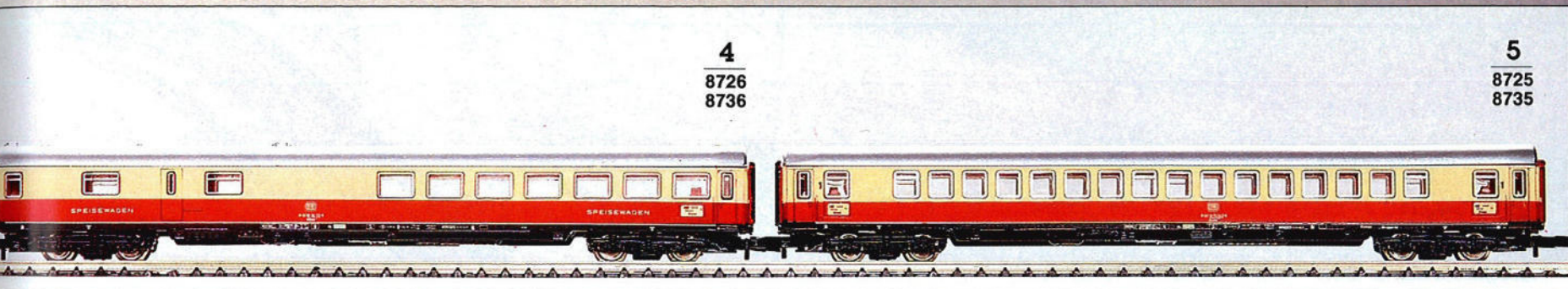


**TEE Cars of the
German Federal Railways**

The mini-club TEE cars are available
with or without lighting.



Illustrations are
actual size



1
8727 without lighting
8737 with lighting
TEE/IC Diner · Type WRmz 135 ·
Sprung modern style pantograph ·
Length 120 mm (4-3/4")

2
8724 without lighting
8734 with lighting
TEE/IC Compartment Car · Type
Avmz¹¹¹ (ex-Avümz 111) · Length
120 mm (4-3/4")

3
8728 without lighting
8738 with lighting
TEE Dome Car · Type ADm¹⁰¹
(ex-ADümh 101) · Length 120 mm
(4-3/4")

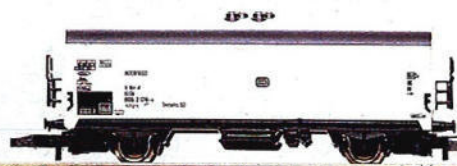
4
8726 without lighting
8736 with lighting
TEE/IC Diner · Type WRmh¹³²
(ex-WRümh 132) · Length 120 mm
(4-3/4")

5
8725 without lighting
8735 with lighting
TEE/IC American Style Coach · Type
Apmz¹²¹ (ex-Apümz 121) · Length
120 mm (4-3/4")

■ TEE and Intercity (IC) trains are the
varnish flagships of the German
Federal Railways. The TEE trains are
all first-class with fully air-conditioned
American style coaches. Passenger
comfort is a TEE trademark.

Freight Cars

1
8600



2
8633



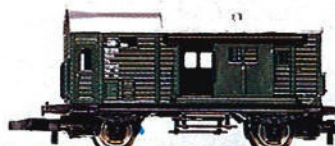
3
8631



4
8606



9
8609



10
8610



15
8624



16
8630



17
8623



1
8600 · Refrigerator Car · Type Ichqs-u³⁷⁷ (ex-Ichqrs 377) of the German Federal Railways · Length 54 mm (2-1/8")

2
8633 · Refrigerator Car · Lettered for Capri-Sonne · Length 54 mm (2-1/8")

3
8631 · Refrigerator Car · Lettered for Sinalco · Length 54 mm (2-1/8")

4
8606 · Box Car · German Federal Railways' type lbbls · Length 54 mm (2-1/8")

5
8602 · Beer Car · Lettered for Spatenbräu · Length 54 mm (2-1/8")

6
8648 · Beer Car · Lettered for Dinkelacker · Length 54 mm (2-1/8")

7 Denmark
8608 · Beer Car · Lettered for Carlsberg · Length 54 mm (2-1/8")

8 Switzerland
8632 · Beer Car · Lettered for Eichhof Beer · Length 54 mm (2-1/8")

9
8609 · Package Car · German Federal Railways' type Dg · Operating doors on each side · Length 40 mm (1-9/16")

10
8610 · Low-side Gondola · Length 54 mm (2-1/8")

5
8602

6 NEW
8648

7
8608

8
8632



11
8622

12
8605

13
8615

14 NEW
8617



18 NEW
8635



11

8622 · High-side Gondola · German Federal Railways' type E⁰³⁷ (ex-Omm 52) · Length 54 mm (2-1/8")

12

8605 · Box Car · German Federal Railways' type Gos-u²⁵³ (ex-Gbrs 253) · Length 54 mm (2-1/8")

13

8615 · Container Car · Length 54 mm (2-1/8")

14

8617 · Container Car · Length 54 mm (2-1/8")

15

8624 · Ballast Car · German Federal Railways' Talbot self-unloader · Movable hoppers · Realistic operation · Length 33 mm (1-3/10")

16

8630 · Self-unloading Hopper Car · German Federal Railways' type Fals¹⁷⁶ (ex-Fads 176) · Length 53 mm (2-1/16")

17

8623 · Bulk Freight Car · German Federal Railways' type Tbis⁸⁷⁰ · Length 64 mm (2-7/10")

18

8635 · Telescoping Car · German Federal Railways' type Shimms⁷⁰⁸ (ex-Shis 708) · Length 55 mm (2-1/8")

Illustrations are actual size

1
8611



2
8612



3
8613



4
8614



1
8611 · Tank Car · Shell · Length
40 mm (1-9/16")

4
8614 · Tank Car · BP · Length
40 mm (1-9/16")

7
8627 · Tank Car · Aral · Length 75 mm
(3")

2
8612 · Tank Car · Esso · Length
40 mm (1-9/16")

5
8625 · Tank Car · Shell · Length
75 mm (3")

8
8628 · Tank Car · BP · Length 75 mm
(3")

3
8613 · Tank Car · Aral · Length
40 mm (1-9/16")

6
8626 · Tank Car · Esso · Length
75 mm (3")

9
8619 · Disconnected Lumber Car ·
In 2 parts · Loaded with finished
lumber · Length 93 mm (3-5/8")

5
8625



9
8619



10
8621



12 NEW
8637



13 NEW
8638



14 NEW
8636



10

8621 · Crane Car · Rotating crane with moveable boom and boom support · Hook can be raised and lowered by hand · Length of underframe 35 mm (1-3/8") · (Low-side gondola 8610 shown in photo not included, but recommended as idler car)

11

8620 · Depressed-Center Flat Car · Loaded with Transformer · Length 154 mm (6-1/16")

12 USA

8637 · Box Car · Chicago, Milwaukee, St. Paul & Pacific (The Milwaukee Road) · Length 72 mm (2-7/8")

13 USA

8638 · Gondola · Reading · Length 67 mm (2-5/8")

14 USA

8636 · Caboose · Atchison, Topeka & Santa Fe · Access ladders · Length 51 mm (2-1/16")

15 USA

8641 · Box Car · Union Pacific · Length 72 mm (2-7/8")

16 USA

8642 · Gondola · Soo Line · Length 67 mm (2-5/8")

17 USA

8640 · Caboose · Southern Pacific · Access ladders · Length 51 mm (2-1/16")

6
8626

7
8627

8
8628



11
8620

Illustrations are actual size



15 NEW
8641

16 NEW
8642

17 NEW
8640

