

Suitable Wagons in the PIKO range

The PIKO HO range includes a selection of matching cars that enable realistic train formations and perfectly round off the model railway experience. The following cars are available:



58546 Eurofima passenger cars 2. class FS V



58545 Eurofima passenger cars 2. class Intercity Plus FS V



58252 Set of 3 Eurofima XMPR Intercity express train cars FS V

Suitable accessories for all D.445 diesel locomotives:

- 56500 PIKO SmartDecoder XP PluX22
- 56647 PIKO SmartDecoder XP Sound PluX22

PIKO D.445 FS Diesel locomotive

Detailed bogies



Detail of #22024

View into the driver's cab



Detail of #22020

Fan wheels on the roof



Detail of #22027



PIKO vehicle
information
01/2026

Diesel loco D.445 FS



Italy's diesel-electric power –
The FS D.445 series in 1:87 scale

PIKO

Diesel locomotive D.445 FS



Photo: ARCHIVIO GIEFFECI

With the D.445 series, the Italian state railway company Ferrovie dello Stato set new standards in diesel-powered passenger transport from the mid-1970s onwards. When they entered service, these diesel-electric locomotives were considered the most powerful of their kind in Italy and shaped the landscape of non-electrified lines on the mainland and in Sardinia for decades. Between 1974 and 1988, a total of 150 machines were built in three series by FIAT.

The first 35 locomotives were still characterized by curved windshields and the absence of a reversing control system, which limited their use primarily to conventional passenger trains. From 1980 onwards, the originally curved windshields were replaced by flat ones. The second series introduced reversing capability, which significantly increased operational flexibility. The third and largest series finally brought a striking visual change: in addition to the three front headlights, these locomotives were equipped with additional tail lights, clearly distinguishing them from their predecessors.

With the increasing use of modern multiple units, the importance of this series gradually declined. Nevertheless, around 60 locomotives are still in service today. Their remaining tasks are concentrated on regional transport in Tuscany and selected services in Calabria, where they occasionally also haul InterCity trains or freight trains. The D.445 thus remains an impressive example of Italian locomotive technology with staying power.

Our prototype:

22020ff: D445.1112, Depot Siena, condition 1987;

22024ff: D445.1056, Depot Rimini, condition 2021;

22027ff: D445.1106, Depot Rimini, condition 2012

PIKO Diesel locomotive D.445 FS

PIKO presents this icon of Italian railway history as a detailed new design in H0 gauge. The first three versions reflect all the structural features of the third series of locomotives and impress with their true-to-life, sharply contoured paintwork. In the Expert Plus version, the locomotives have numerous additional digital functions that make the model railway experience even more varied.

NEW MOLD
2025

Livrea navetta, or "reversible train livery," refers to the color scheme used by Italian State Railways (FS) specifically for reversible and local trains.



Diesel locomotive D.445 FS Ep. V

22020 DC

22022 DC, incl. PSD XP S and **PIKO TrainSound®** onboard

22023 AC, incl. PSD XP S and **PIKO TrainSound®** onboard

XP Diesel Locomotive D.445 FS Ep. V

55930 XP DC, incl. PSD XP S and **PIKO TrainSound®** onboard

OUR MODEL HIGHLIGHTS AT A GLANCE:

- Digitally switchable lighting in the driver's cab
- Fine handles, fan grilles, and sharply engraved bogies
- Digital sound versions with numerous vehicle-specific sounds
- Base plate with track replica for display in the showcase
- Suitable accessories for display in the showcase are included with the model.
- XP versions with digital couplings, pulsed evaporator, and motor-driven fan wheel on the roof
- Illuminated control panel

PIKO Diesel locomotive D.445 FS

NEW MOLD
2025



Diesel locomotive D.445 IC paintwork FS VI

22024 DC

22025 DC, incl. PSD XP S and **PIKO TrainSound®** onboard



Diesel locomotive D.445 XMPR FS VI

22027 DC

22028 DC, incl. PSD XP S and **PIKO TrainSound®** onboard

22029 AC, incl. PSD XP S and **PIKO TrainSound®** onboard

XP Diesel Locomotive D.445 XMPR FS V

55932 XP DC, incl. PSD XP S and **PIKO TrainSound®** onboard

55933 XP AC, incl. PSD XP S and **PIKO TrainSound®** onboard

TECHNICAL DATA

- Length over buffers: 162 mm
- Minimum recommended radius: 358 mm
- Era V / VI
- Interface NEM 658 PluX22
- NEM-Shaft and close coupling set
- Direction-dependent light change white/red

After around 20 years, it was decided to replace the XMPR livery with a new color concept for intercity transport, inspired by the color scheme used for German long-distance transport.