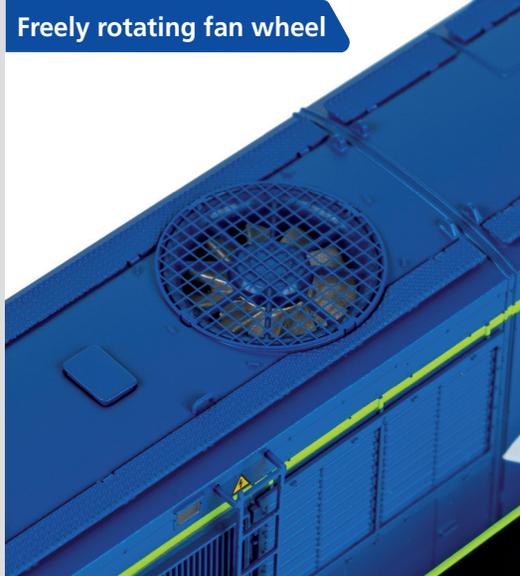


PIKO Diesel loco SM31 PKP Cargo VI

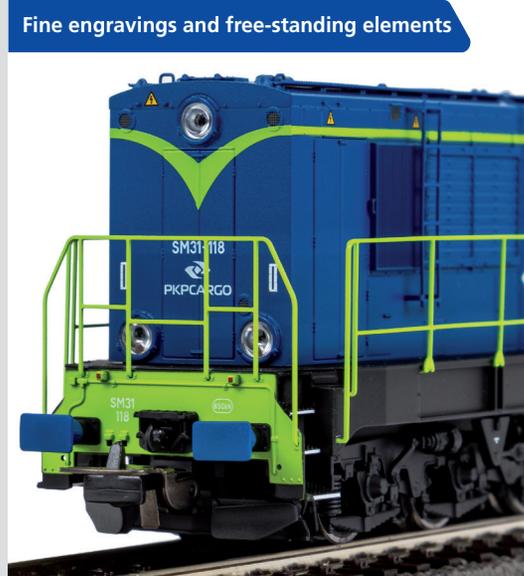
Detailed bogies



Freely rotating fan wheel



Fine engravings and free-standing elements



PIKO vehicle
information
10/2023

PIKO

Diesel loco SM31 PKP Cargo



The Polish SM31
as a powerful H0 model from PIKO



Picture: Grzegorz Gransicki

The increased demands of heavy shunting and freight service prompted PKP to procure powerful diesel locomotives. In addition to imports from the RGW countries, Fablok began in 1973 with the development of its own large diesel locomotive with 1200 hp, for which basic components were taken over from the tried and tested SM42. From 1976, PKP received 167 of these machines and classified them as SM31 003 - 169. For the needs of the industry another 28 machines followed, which were supplemented by the two prototypes not taken over by the PKP. Contrary to expectations, the heavy Co'Co' machines were not suitable for use on industrial sidings, so that many were promptly withdrawn or sold to PKP. The locomotives that were sold were given new order numbers by PKP to avoid duplication.

Today, about 30 locomotives of this class are still in service, most of them in Upper Silesia. Although the machines were repeatedly retrofitted with current radio and safety systems over four decades of operational service, a general reconstruction remains absent, in contrast to other series.

Our prototype: Diesel loco SM31-118 PKP Cargo

PKP

NEW MOLD
2023



Diesel loco SM31 PKP Cargo VI

52300 DC

- ◀ 52302 DC, incl. PSD XP Sound with **PIKO TrainSound**[®] onboard
- ◀ 52303 AC, incl. PSD XP Sound with **PIKO TrainSound**[®] onboard

With the SM31, there was an extremely impressive prototype to be transferred to 1:87 scale, whereby the greatest value was placed on attention to detail. A testimony to this are the extensive and extremely vivid engravings on the locomotive's body. Examples for the high quality of the model are also the multi-part representation of the axial fan and the outstandingly detailed bogies. Technically, the model follows proven PIKO principles: A mid-mounted motor with two flywheel masses drives the respective outer wheel sets of both bogies via cardan shafts. The zinc die-cast chassis and the attached motor mount provide enormous frictional weight. The factory-equipped locomotives for digital operation have, in addition to the obligatory front and rear lights, switchable chassis and driver's cab lights, and an illuminated instrument panel is also included. In addition, a variety of sound functions are available, such as the preheating device or entertaining radio messages. The analogue models can be easily upgraded for digital operation thanks to the PluX22 interface.

INFO

- Complete new construction
- Freely rotating fan wheel
- Many filigree, free-standing attached parts
- Silky smooth driving characteristics thanks to sophisticated drive technology
- Digitally switchable driver's cab, undercarriage and instrument lighting