

Siemens ER-20 Cargo "Hercules"

The EuroRunner family of locomotives are a series of medium to high power diesel electric locomotives built by Siemens for the European market. Introduced from 2002 onwards, they share design characteristics with the successful EuroSprinter range of electric locomotives, also built by Siemens. The locomotive ER-20 Cargo is commonly called "Hercules".

The locomotives have a supercharged 16-cylinder diesel engine of the MTU 4000 series developing 2,000 kW of power which drive a three-phase brushless alternator. At idle 8 of the 16 cylinders can be turned off reducing fuel consumption and emissions.

The Siemens Dispolok ER-20 is a diesel-electric locomotive for freight traffic as well as passenger duties. The ER-20 ("Hercules") is representative of the EuroRunner family and, at the present time, the most modern diesel engine technology and the new style of noise dampening make the ER-20 one of the most powerful diesel locos in Europe, yet having the least polluting exhaust gases.

The locomotive ER-20 holds a valid operational licence/homologation for Slovenia, Austria, Germany, Hungary, Slovakia, Czech Republic and Romania.



Technical characteristics:

Wheel arrangement	Bò Bò
Maximum speed	140 km/h
Power rating	AC=2,000 kW
Starting tractive effort	235 kN
Track gauge	1,435 mm

Special equipped with:

1,500 liter extra-storage for Diesel (in total 4,000 litres)
MIREL safety-system
WEBASTO pre-warming-system
Digital GPRS-radio



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