Smartron

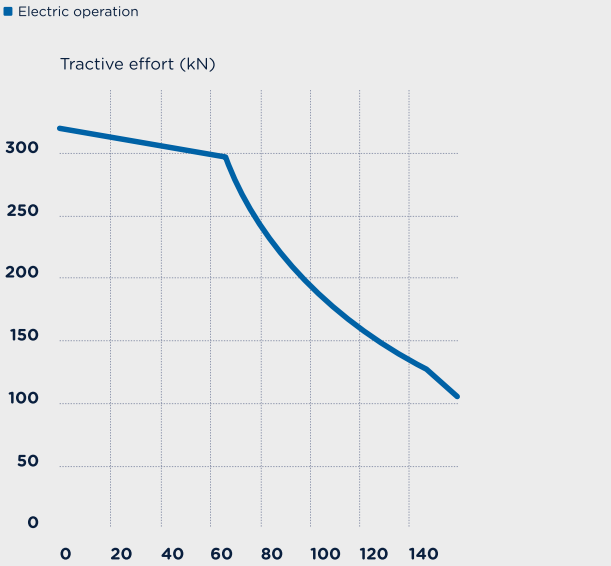


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The four-axle Smartron brings powerful and reliable electric traction to the German domestic freight market.

The four-axle **Smartron** electric locomotive from Siemens Mobility is based on the proven Vectron concept. Its tried-and-tested platform technology focuses on the essentials and has been carefully engineered down to the smallest detail. Proven components such as the driver's cab and control desk ensure a high level of operational safety. Features such as Eco Mode and energy consumption monitoring also enable the Smartron to operate with particularly high energy efficiency. It is highly cost-effective and reliable and is approved for operation in Germany.

Manufacturer	Siemens Mobility
Locomotive type	Electric locomotive (15 kV AC; 16.7 Hz)
Traction power at wheel	5,600 kW
Starting tractive effort	320 kN
Operating speed	160 km/h
Tare weight	83 t
Length over buffers	18,980 mm
Minimum curve radius	140 m
Train Control System	PZB 90, LZB
Miscellaneous	Double traction via TMC, EBuLa, Eco-Mode, GSM-R, air conditioning, NBÜ/ep brake, , TB0 door control
Homologation	DE



Source: Siemens AG

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