



SIEMENS

Ingenuity for life

Smartron

Focused to the max

[siemens.com/smartron](https://www.siemens.com/smartron)

Easy benefits

Freight transport gets smart.

The Smartron brings intelligent simplicity to the rails: one design, one contract, one price. The range of features is tailored specifically to a single defined transport task: freight transport within Germany. The smart business model unites the benefits of a standard product with platform-tested technology. The result is an optimally tailored performance with attractive terms and conditions.





Easy mobility

Fully proven – even before the first trip.

Stability – today and tomorrow

Proven quality for future viability:

The Smartron relies entirely on powerful, Vectron-tested components whose reliability has already been proven over 100 million operating kilometers. Regular model upgrades ensure that the Smartron will remain the state of the art into the future. As a result, it ensures superior dependability and guarantees long-term reliability.

Smartron facts and figures



Max. power at wheel: 5,600 kW



Track gauge: 1,435 mm



Length: 18,980 mm



Wheel diameter, new / worn:
1,250 mm / 1,160 mm



Weight: 83 t



Voltage system: 15 kV AC



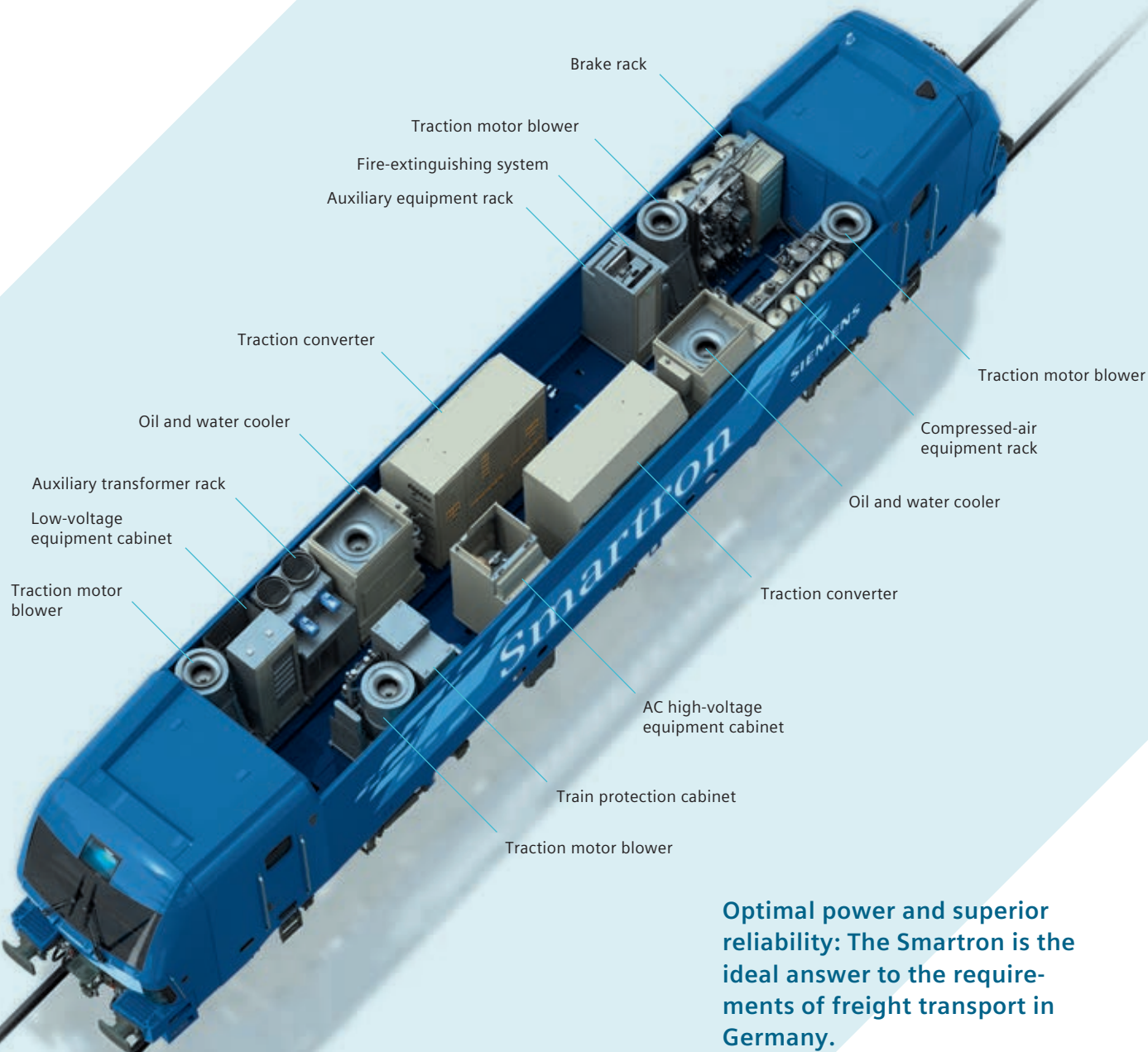
Train protection: PZB / LZB



Starting tractive effort: 300 kN



Double traction: via TMC; units of the same type, with Vectron and ES64F4



Optimal power and superior reliability: The Smartron is the ideal answer to the requirements of freight transport in Germany.

Easy start

Buying a locomotive was never this simple.

Convenient ordering

Incredibly straightforward and time-saving: The smart product strategy is based on just one variant, so it facilitates standardized, accelerated buying. Additionally, the Smartron will arrive quickly thanks to a short delivery time.

Easy operation

Familiar and ready for use from the very start: The Smartron driver's cab and console are based on the proven and well-established Vectron concept, maximizing dependability and making staff planning more flexible.

The Smartron is easy to drive

1.



Take a trial run with the Smartron to help make up your mind

2.



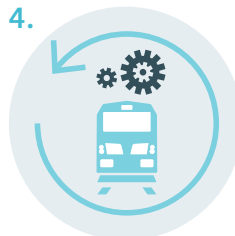
Request the data sheet and standard offer

3.



Order Smartron

4.



Profit from rapid processing

5.



Benefit from a short delivery time

6.



Use tailored to your needs services

Your benefits at a glance



Time savings



Reduced costs and time



Excellent dependability



Easy maintenance and repair



Economical operation



A secure investment in the future

The right solution to meet your needs: Thanks to its uniquely attractive purchase price combined with maximum availability and robustness, the Smartron is the ideal product for relieving the cost pressures in freight transport.

Economical alternative

Fast return on investment and minimal maintenance and repair costs: The Smartron gives you a new economic perspective. Thanks to maximized cost efficiency in all areas, it's a real alternative to refurbishment.

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