Smartron
Focused to the max
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.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>Easy</td>
<td>One variant, optimally tailored configuration</td>
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<tr>
<td>Reliable</td>
<td>Vectron-tested components</td>
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<td>Fast</td>
<td>Easy ordering process, short delivery time</td>
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<td>Focused</td>
<td>One product, perfectly matched to the requirements of freight transport in Germany</td>
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<td>Economical</td>
<td>Attractive price</td>
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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.

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**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.