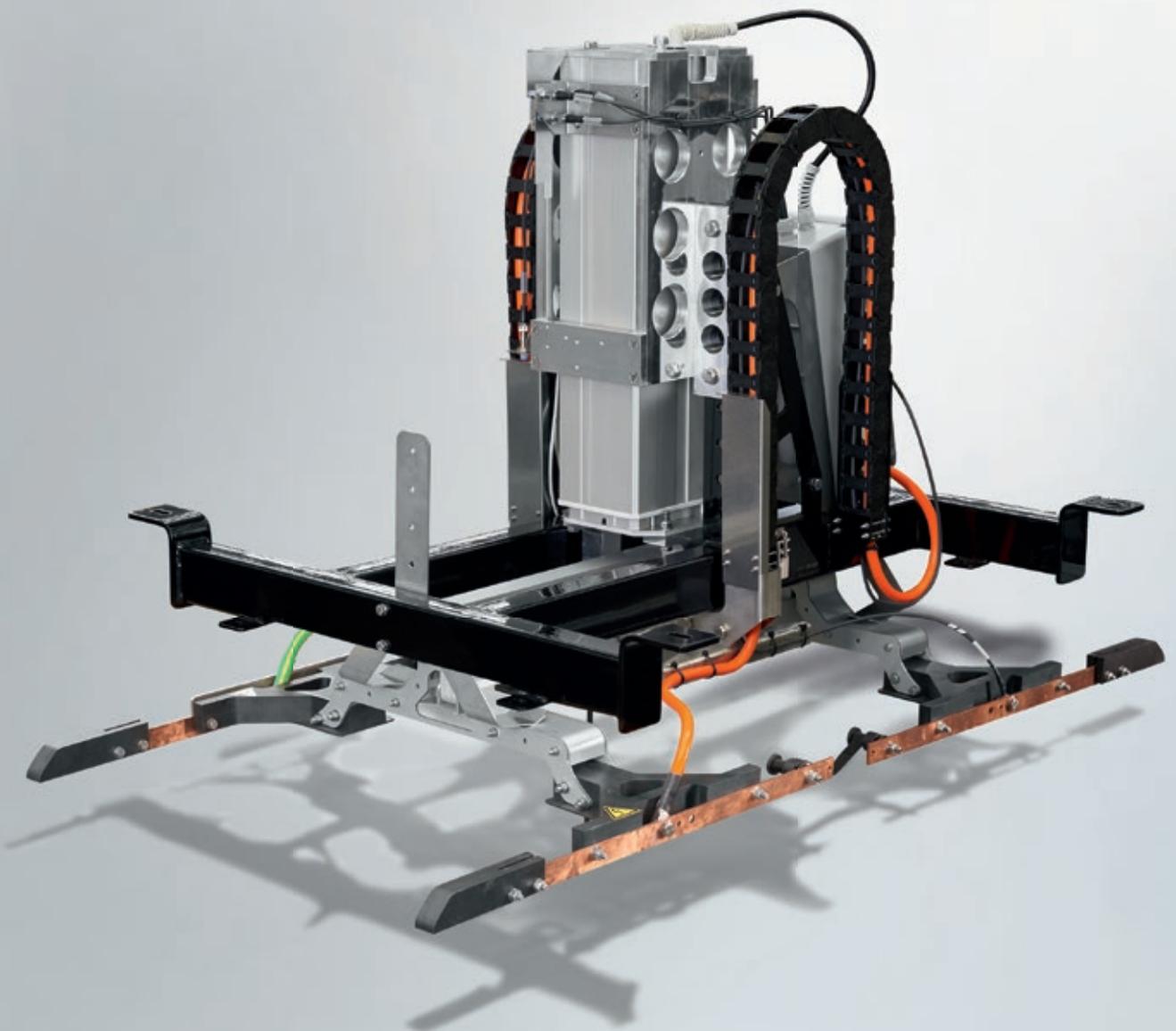




Transit

Depot Charger SLS 301

Depot charging with automated connection device



There's no stopping e-mobility now - Depot Charger SLS 301

Schunk's latest connection device enables cost-efficient automated charging by docking in the depot in seconds.

All around the world, mobility become more environment friendly, more networked, more efficient and easier. Schunk has been a part of this development from the very beginning. We are driving forward the development of e-mobility and are opening up new, emission-free and highly practical charging alternatives that adapt flexibly to the respective operating parameters of our customers. For example, our Schunk Smart Charging system for e-buses and industrial e-vehicles enables automated, reliable charging of the batteries via a roofmounted charging current collector or an inverted current collector. For the latter variant, we now offer an automated connection device for hands-free charging at the depot.



Depot Charger SLS 301: automated and hands-free charging at the depot

Overnight charging in the depot has the advantage that there is no need for fast and large amounts of electricity to flow along the track in the shortest possible time. With the Depot Charger SLS 301, our customers can now make efficient use of this advantage: The new Schunk pantograph enables automated charging in the depots and, in contrast to the plug-in solution, this does not require additional personnel. The vehicles can park under the system with some tolerance and an automatic signal ensures a reliable connection to the pantograph.

Efficient and economical: The Depot Charger SLS 301 not only saves personnel and time, but also parking space. It enables a secure charging process that runs via the system mounted on the roof and docking from above. Tight parking in less parking space is therefore no problem. And because the devices can be made simpler, lighter and more compact, they are particularly economical.

Exploit the advantages of the new Depot Charger SLS 301:

Technical advantages:

- Simple and cost-efficient design
- Compact and lightweight for easy integration in the depot structure
- High power transmission possible
- High alignment of vehicle movements
- Compatible with Schunk busbars and OppCharge rail sets
- Remote control of the pantograph (optional)

Operational advantages:

- Top-down principle
- Automated, hands-free charging
- Allows narrow parking of the busses at the depot
- No cables hanging from the depot ceiling
- Autonomous depot charging operation possible

Schunk - A worldwide success. Always at your side.

With its globally active business unit Transit Systems, Schunk is one of the world's leading providers of efficient power transmission and charging systems for local and long-distance transportation. Its pioneering developments set technological milestones.

With Schunk Smart Charging, the intelligent charging systems for electric buses and other electrically powered vehicles, Schunk is a leading technology partner on the way to emission-reduced local transport.

Within the highly specialized technology portfolio for the railway industry, Schunk offers current collectors (pantographs) for overhead wire and third-rail systems, grounding contacts, shaft grounding systems and wheel flange lubrication systems as well as perfectly matched carbon collector strips, carbon collector shoes and carbon brushes including brush holders.

The Schunk Group

The Schunk Group is a globally operating technology company. The company is a leading supplier of products made of high-tech materials - such as carbon, technical ceramics and sintered metal - as well as machines and systems - from environmental simulation and air conditioning to ultrasonic welding and optical machines. The Schunk Group has more than 9,100 employees in 29 countries and achieved sales of €1.35 billion in 2019.



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