

ChargingPANTO®

CHARGING TOMORROW'S CITIES



TRANSIT APPLICATIONS



STEMMANN-TECHNIK

QUALITY MADE IN GERMANY

ChargingPANTO®

The innovative solution for „OppCharge“ systems

Increasingly strict regulations to reduce pollution in the cities lead to a rapid change of the infrastructure and public transportation network to electric mobility. These are, for example, charging stations for cars or electric bus terminals.

Electric busses ensure sustainable urban mobility. The retrofitting of bus routes solely driving with electric buses assumes a rapid development. Innovations for OppCharge systems are pushed forward by well-known bus manufacturers.

Our Charging-PANTO® is an important component for these charging stations.

Expertise from decades of development and production of current supply systems

High-quality and proven components

Ideal system design for trouble-free loading operations

Low-maintenance and reliable components for countless charging cycles



Reliable Operation

Decades of experience in the development and production of power supplies, such as pantographs for local traffic and high-speed trains, make us a competent supplier for electric bus terminals.

The technically demanding challenges for the specific conditions of electric bus terminals are coped with our ChargingPANTO® with flying colors.

High-quality and proven components ensure smooth functioning of the loading operations.



SYSTEM ADVANTAGES

Design	Single-arm
Type	ChargingPANTO®
Connection	Electrical connection to charging terminal
Function	Lowering / raising by spindle drive
	Tension spring raising / holding into housed position as redundant system

ChargingPANTO[®]

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Designed for high working ranges and inclined positions

(constant kneeling contact)

Contact-less vehicle identification

Position in starting position as redundant system in case of power failure / emergency stop

Weight saving on the bus for more driving comfort and passenger capacity

Fast amortization of investment due to low total costs of opportunity charging systems

Infrastructure of fixed chargingpanto

- Saving maintenance costs on vehicles.
- Enabled optimal use of bus roof without any impairment of the bus design.
- Ensured highest safety during passenger service, because no moveable components installed on the bus roof.

The **core component** for world's upcoming charging standard

ChargingPANTO.com





Corporate headquarters and manufacturing facility
Schüttorf, Germany

We are one of the world's leading manufacturers of energy and data transfer components and systems in industrial and transport technology.

Drawing on our 100 years of engineering and practical research, we manufacture high quality products required all over the world, and create special, innovative, customised solutions.

A fundamental key to our success is our understanding of the importance of high quality in all areas of the company, ranging from customer-oriented advice to long-term service.

We guarantee high quality by upholding international standards and guidelines.

Since 2014 we belong to the Wabtec Corporation, a global provider of technologies, products and services in the field of railway and industrial engineering.

Through the integration of Faiveley Transport to the Wabtec Corporation in 2016 we are an important part of one of the largest public rail equipment companies in the world with more than 20,000 employees around the globe.

With know-how, product diversity and forward-looking innovations we are your excellent choice in the field of industrial and transit technology.

STEMMANN-TECHNIK
DIN EN ISO 9001:2008

TRANSIT APPLICATIONS



ROOF-MOUNTED PANTOGRAPHS



3rd RAIL CURRENT COLLECTORS



frost® GROUND CONTACTS



STINGER SYSTEMS

INDUSTRY APPLICATIONS



CABLE REELS



SLIP RING ASSEMBLIES



FESTOON SYSTEMS



CONDUCTOR LINES

CHARGING SOLUTIONS



ChargingPANTO®



ChargingREEL



ChargingSTINGER



FerryCHARGER

ONSHORE POWER SUPPLY



FOR CRUISE SHIPS



FOR CONTAINER VESSELS

