

STINGER SYSTEMS



TRANSIT APPLICATIONS



STEMMANN-TECHNIK

QUALITY MADE IN GERMANY

Power supply in depot- and maintenance areas

Stinger systems serve for the power supply of railway vehicles in the maintenance- and servicing area. They grant the availability of the necessary vehicle- and auxiliary voltage.

We offer movable and stationary systems. By means of the movable stinger system a moving of the railway vehicles in the maintenance- and servicing area is possible without having to use a switch engine. The energy transmission between the railway vehicle and the stinger system is effected by a plug connection defined by the vehicle.

SYSTEM COMPONENTS

- ① Conductor line systems
- ② Current collector systems
- ③ Stationary power supplies
- ④ System- and operator protection devices
- ⑤ Control panels for train movement
- ⑥ Monitoring- and supervision systems
- ⑦ Stinger-pin / connection system on train
- ⑧ Control cabinets

STINGER-SYSTEME

QUALITY MADE IN GERMANY

②

①

⑦

③

④

Benefit from our many years of experience in development and production of railway- and industrial products



Extensive and individual components

Acc. to customer's requirements we produce and install complete systems incl. main control cabinets, conductor lines, spring-driven cable reels, connection cables, control equipment as well as protective devices for protection of humans and materials, and railway plugs.

Our business activities include the complete supervision of the project from the rough planning up to the commissioning.

SYSTEM ADVANTAGES

Safe working at the vehicles.

The supply voltage in general is outside the manual working range or in an encapsulated conductor line, e.g. below a maintenance platform.

Entering and exiting the maintenance rail track is possible while under electrical voltage – switch engine is not necessary.

With the movable stinger system the connection to the train is possible for the complete length of the stinger system.

Several current collecting trolleys are possible for each line.

Operation with AC or DC.

Transmission of energy and data.

Customized design.

Retrofitting in existing depots possible.



Stationary stinger system



Customer-specific control panel



Customer-specific plug version



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

