



Industrial Electrification Solutions for your Business Needs

Optimizing industrial automation & designing innovative technological solutions

Specialized in distribution of industrial automation products, as well as in the design of innovative technological solutions, Rotalec is proud to count on trusted partners presenting reliable and efficient technologies and products, on top of relying on its team demonstrating in-depth expertise, valuing collaboration with its customers.

Optimizing industrial automation is about suggesting value-added products and designing customized engineered solutions, two essential elements placed at the heart of our achievements, improving teams and operations efficiency.

Industrial Electrification Solutions

For many decades Rotalec has been providing engineering solutions around Industrial Electrification Technologies.

Industrial mobile electrification systems provide power to moving vehicles and equipment in a variety of manufacturing, material handling, and processing applications. They are used to power automated guided vehicles (AGV), automated storage and retrieval systems (AS/AR), material flow and handling, conveyors, lifting equipment, mobile hoists, cranes, machine tool, industrial robots and more.

Selecting mobile electrification systems requires expert analysis of electrical specifications and mechanical considerations.

Current capacity is the maximum current rating of the conductors in the system. Voltage capacity is the maximum voltage rating of the conductors. In terms of features, some mobile electrification systems contain copper conductors or can transmit both data and power to the moving element. Others include slip rings that incorporate rotating contacts and allow for the transmission of current and/or data between stationary and rotating components.

Mobile electrification systems also incorporate hydraulic or pneumatic lines and has evolved to include mobile data and communication systems, absolute positioning systems and control systems as well as charging contacts and contactless power supplies

Systems that are designed to operate in high-temperature conditions associated with manufacturing or processing applications are also available as well as clean room environments.

Feel free to contact us to learn more on any solutions or to collaborate with our experts to find the best solution for your business needs.

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Industrial Electrification Solutions for your Business Needs

Technologies and Products

- Cable Carriers - steel, plastic or hybrid product
- Cables for Cable Carriers - Reliable, robust, with high availability
- 3D Carrier Movement Systems (Industrial Robots)
- Conductor Bar
- Festoon Cable Systems
- I-Beam Cable Festoon Systems
- Spring and Motor Cable Reels
- Mobile data transfer / communication systems
- Absolute Positioning System
- Charging Contact Systems
- Contactless Power Supplies



Rotalec's Value Proposition

Rotalec experts can provide a Complete Engineering Solutions in part wrapped around products and technologies through partnership with [Kabelschlepp](#) and [Vahle](#).

Rotalec serves end-user MRO for replacement and maintenance requirements as well as partner with System Integrators & Machine Builders for new design and commissioning.

Services Provided

- Consultation
- Site Audit
- Planning, Specification, Sizing and Design
- Installation & Supervisory Management
- Assembly of all components
- Customer specified connectors including Military-grade styles
- Patented vibration-resistant, easy-to-install strain-relief systems