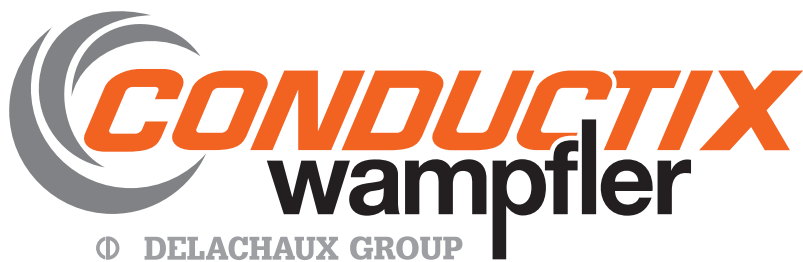




CAP

Cable Auto Plug-In for E-RTGs



Also for
Retrofitting &
Upgrades

CAP

Cable Auto Plug-In for E-RTGs

Highest reliability: auto positioning and large crane tolerance compensation

2 in 1: energy and data transmission via fiber optics integrated into one plug

Compact design: minimal space requirement on yard

Fully integrated into the cable guiding device: no additional installation space on the crane

With its fully automated cable plug-in, CAP enables block changes without any ground staff and thus contributes to an efficient, flexible and safe port.

Furthermore CAP impresses with its very compact, light and integrated design.

Its integrated data transmission, diagnostic and monitoring systems as well as advanced safety devices mark CAP as a big step towards complete automation.

Fully automated cable plug-in with CAP enables:

- **Increased Efficiency**
due to shorter plug-in/-out process
- **Increased Flexibility**
due to faster lane changes
- **Increased Safety**
as no staff (on yard) is required
- **Handling up to 3 cranes**
with only one ground Installation

Maximize
Your Uptime
& Productivity



Facts & Figures
Your Benefits per
block change

| | Required Staff | Plug-In & -Out Time / Downtime |
|----------------|----------------|--------------------------------|
| Manual Plug-In | 2 People | 20 - 40 min |
| CAP | 0 | < 2 min |

Ground Installation

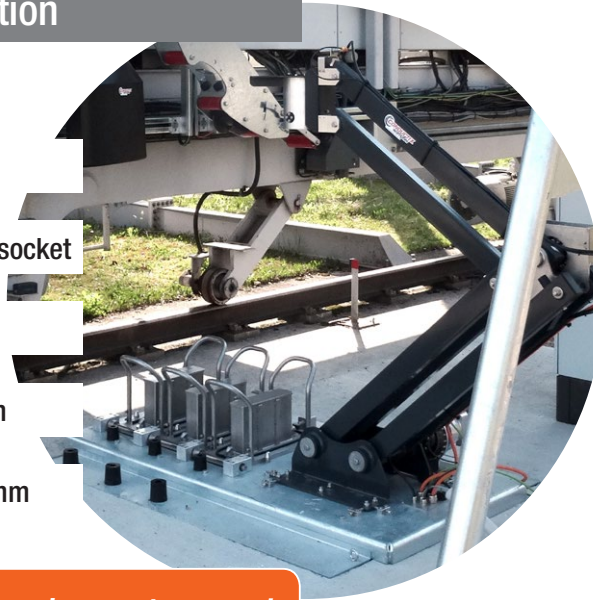
Automatic socket port selection

Cable strain relief integrated into plug and socket

Up to 3 E-RTGs connectable per station

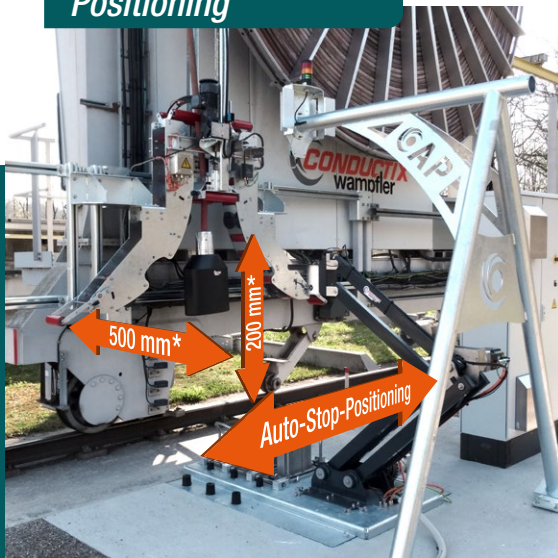
Measures single side: 1900 mm x 1000 mm

Measures back to back: 2400 mm x 2000 mm



Minimal space requirement on yard

Positioning



Pick up



Plug-in



*tolerance compensation

Crane Installation



Fully integrated into the cable guiding device

Control logic integrated in crane PLC

No additional control box on crane

Easy crane integration

Technical Features

- Fully automated plug-in in less than 2min
- High data rate via fiber optics
- Data transfer with contactless solution for durability and process safety
- Lifetime of plug: up to 50.000 plug-in/-out cycles
- Pilot contact and additional locking devices in plug for highest safety
- Protection class of plug and sockets: IP56

Operation



www.conductix.com

Conductix-Wampfler has just one critical mission: To provide you with energy and data transmission systems that will keep your operations up and running 24/7/365.

We add the „E“ to your RTG!

E-RTG@conductix.com

www.conductix.com

