



# Energy & Data Transmission Systems for the Packaging Industry



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**A complete range of solutions  
for all kinds of packaging machines**



...Energy Guiding Chains,  
Conductor Rails,  
Slip Rings,  
for:

- Wrapping machines
- Filling / Bottling machines
- Capping machines
- Labelling machines

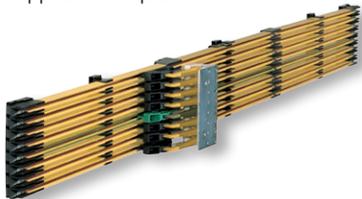
- Palletizers
- Seaming machines
- Blistering machines
- Casepackers...



# Conductix-Wampfler can offer integrated solutions for transmitting Energy & Data with a complete product range:

## Conductor Rails

- Wide conductor rail range to transmit power, control and data signals
- High safety due to finger safe conductor rails
- Pre-bent conductor rails available for an easy and fast installation
- Double current collectors for contact redundancy
- Large range of brush types to transmit critical signals
- Possibility to use POWERTRANS® as an option to transmit Profibus signals (several interfaces available)
- Special hanger clamps that can be clipped into a profile



## FORJ – Fiber Optic Rotary Joints

- POF (Plastic Optical Fiber)
- 1 or 2 passive and independent channels
- Contactless – No wear – Long life
- No electro-magnetic disturbances
- High Data Rate
- High and constant signal quality
- No micro-interruptions
- High resistance to vibrations and shocks
- IP65



## IPT® – Inductive Power Transfer

- Inductive power and data transfer as an alternative to conductive solutions
- High safety (fully insulated, impossible to touch exposed contact)
- Unlimited speed due to the absence of mechanical contacts
- Maintenance free (no mechanical wear parts)
- Suitable for sensitive and harsh environments (e.g. in pharmaceutical industry, food industry, cement industry)
- No noise due to absence of contact



## Energy Guiding Chains

- Solutions for the transmission of power, control and data signals
- Robust and reliable drag chains designed for a 24/7 operation
- High speed possible
- Different link designs (mono and modular, with or without snap bars)
- Complete range of sizes, widths and bending radii for the packaging industry
- Possibility to get complete preassembled cable chains as a turn-key plug & play solution



## Slip Rings

Up to:

- 500 rpm
- IP68
- 300 rings (Brass or Silver/ Gold plated)
- 690 V / 3000 A
- “Blind” or “Free inner hole” version
- Vertical or Horizontal mounting
- Brushes or gold wires
- Available with flying leads, terminal box or connectors
- Power and data/signals transmission (IndEth1000 – up to 1 Gbps)
- Available in combination with fluidic joints for air/ liquid passage



**1000 Mbps**  
**INDETH** INDUSTRIAL ETHERNET



# [www.conductix.com](http://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.

To see how we can help you, contact us at  
[info.it@conductix.com](mailto:info.it@conductix.com)  
[www.conductix.com](http://www.conductix.com)

