

Solutions for Power, Data & Fluidic Transmission in Machine Tools

 **CONDUCTIX**
wampfler

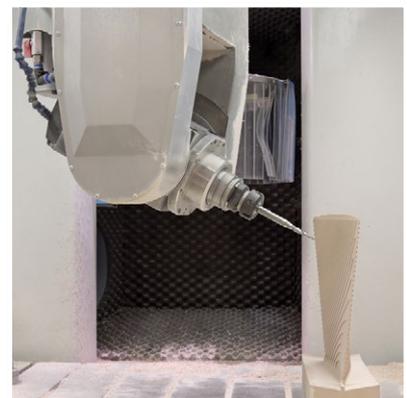
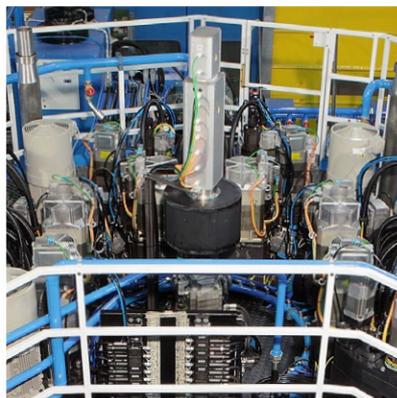
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Solutions for Power, Data & Fluidic Transmission in Machine Tools



A complete range of solutions for all kinds of working machines

- Machine tools
- Woodworking machines
- Stone and marble working machines
- Glass working machines
- Multi-tool machines
- Transfer machines
- Steel Plate working machines
- Laser and water cutting machines



Conductix-Wampfler can offer integrated solutions for transmitting Power, Data & Fluids with a complete product range:

Rotary Fluidic Joints

- Up to:
- 2 m/sec
 - 110 ways
 - 400 bar
 - Material: Aluminium, Bronze, Steel, Stainless Steel (AISI 304-308-316)
 - Media: Air, Water, Oil, Vacuum, Cooling Liquid



Slip Rings

- Up to:
- 500 rpm
 - IP68
 - 300 rings (Brass or Silver/Gold plated)
 - Low and Medium Voltage
 - 12.000 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)



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



Energy Guiding Chains

- Nylon - Nylon/Metal*
- Travelling Speed: up to 180 m/min
 - Working Temperature: -25° to +100° C
 - Travelling Distance: up to 100 m
 - Link Height: 12 – 108 mm
 - Chain Width: 15 – 500 mm
 - Bending Radius: 18 – 500 mm

- Metal*
- Travelling Speed: up to 30 m/min
 - Working Temperature: -40° to +200° C
 - Travelling Distance: up to 40 m
 - Link Height: 50 – 300 mm
 - Chain Width: 65 – 1.000 mm
 - Bending Radius: 75 – 1.000 mm



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
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