



Rotary Joints

High-quality sealing systems for cooling and heating rollers and rotors, for automation in hydraulic and pneumatic systems as well as in process technology and the processing industry

Understanding and realizing market requirements

Process Optimization

Technical solutions are created in dialog with our customers. The purpose must be grasped and implemented in a design using proven technology. Innovative, new and patentable products are the result.

With one of our rotary joint types, users who heat rollers with steam can optimize their application. Our solution adjusts the condensate pipe while the machine is running and thus optimizes the heat transfer of the roller.



Rollers and rotors

Cooling and Heating

- Single-channel or multi-channel versions
- With stationary or rotating siphon tube
- Connection to rotor with thread, flange or stub shaft
- Versions for heating with water, steam and thermal oil



Energy and media

Transmitting and Feeding

- Complete units with motor and bearing for transmission of the rotational energy and simultaneous sealing to the process chamber
- Combined insertion of media and electrical energy
- Applications in process technology and vacuum technology



Various fields of operation

Applications

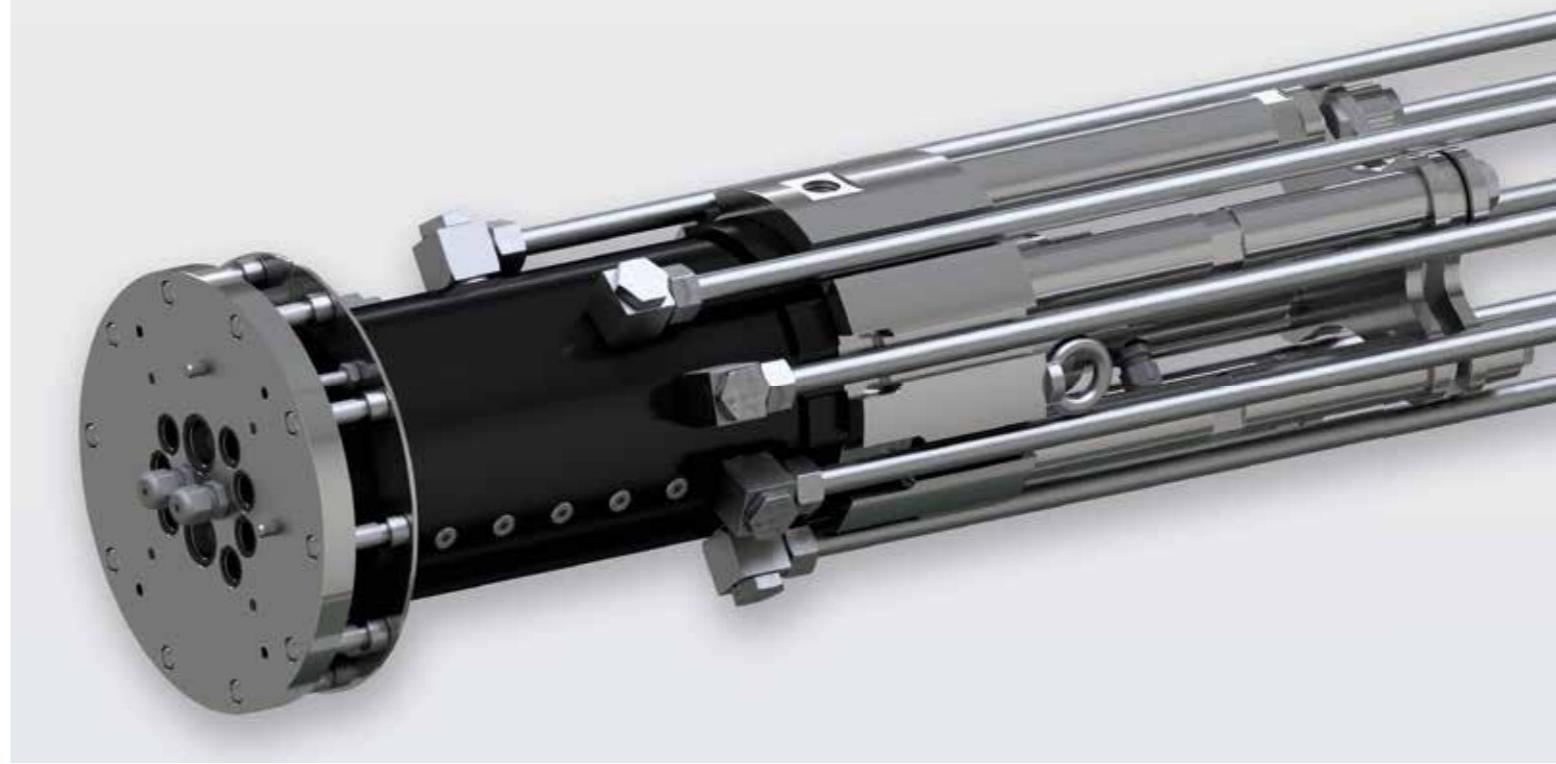
- Printing machines
- Paper machines
- Mixers and agitators
- Tact rotary tables
- Clamping technology
- Processing tools
- Vacuum systems
- Devices with hygienic design



Tailored solutions

Automating

Limited installation spaces, a large number of media to be transmitted such as hydraulics, pneumatics, cooling water and electrical signals pose a challenge for the construction.



METAX designs

Your Advantages

- ✓ Designs adapted to the application and the customer's installation space avoid compromises: no adapters, always the best choice of materials
- ✓ Use of different sealing technologies adjusted to the individual requirements
- ✓ Reduction of procurement processes due to delivery of ready-to-install components with all necessary connections
- ✓ One-off production
- ✓ In time detection of wear thanks to innovative monitoring technology

A large, multi-story industrial building with a complex steel framework and multiple levels of walkways and platforms. The building is set against a clear sky. A solid red horizontal bar runs across the top of the image, and a lighter red overlay covers the lower half of the building.

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