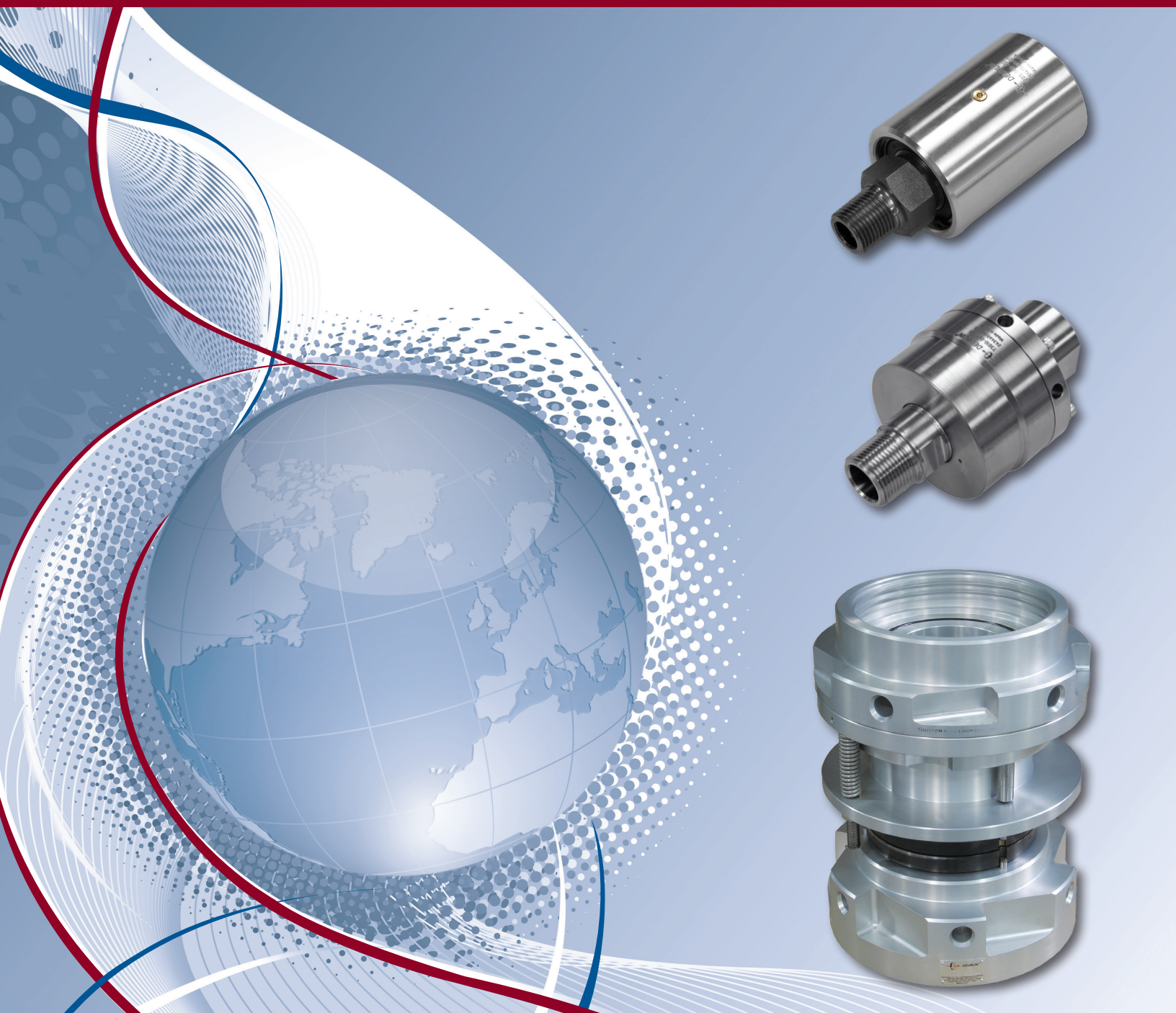


ROTARY UNIONS

Oil & Gas Applications



ROTARY UNIONS AND WATER SWIVELS FOR OIL & GAS

Reliable and top performance solutions

Oil & Gas is a major industry in the energy market and play an influential role in the global economy as the world's primary fuel sources. The processes and systems involved in producing and distributing oil and gas are highly complex, capital-intensive, and require state-of-the-art technology.



For either Offshore or Onshore (landbase) drilling, Deublin has the right solution for top drive **Mechanical Seal Washpipe**.

An original and patented design that provides an extended service life, field easy changeover seals and high ROI rates for standard oil base and water base mud operations.

Deublin Mechanical Seal Washpipe is a robust and innovative design tested according to API 8C/ISO13535:2000(E) presented to the market for the high pressure and large bore drilling applications, suitable to most global top drives.



For Horizontal Directional Drilling (HDD) machines, **Deublin Dual Media Swivels** can guarantee the performance on either standard water base mud or critical operations (high-frequency & high-pressure air media/air hammering).

With one unique inventory part and no maintenance required, the self-lubricating mechanical seal design for **Deublin Dual Media Swivel** is the perfect solution for HDD applications.



DEUBLIN MECHANICAL SEAL WASHPIPE

- 20609 series
- 7500 psi maximum pressure
- 250 rpm maximum speed
- Balanced mechanical seals
- 4" and 3" bore available sizes
- Interfaces according to top drive designs
- E.L.S. (Extended Life Service) seals



DEUBLIN DUAL MEDIA SWIVEL

- 73XXX series
- 380 psi maximum pressure
- 100 rpm maximum speed
- Balanced mechanical seals
- Self-lubricating design for dual media
- 3/4" to 2" available sizes

ROTARY UNIONS AND WATER SWIVELS FOR OIL & GAS

Many more applications:

Coil Tubing (Deublin Multi-passage) and Fracturing/Frac pumps (Deublin Air/Hydraulic models)

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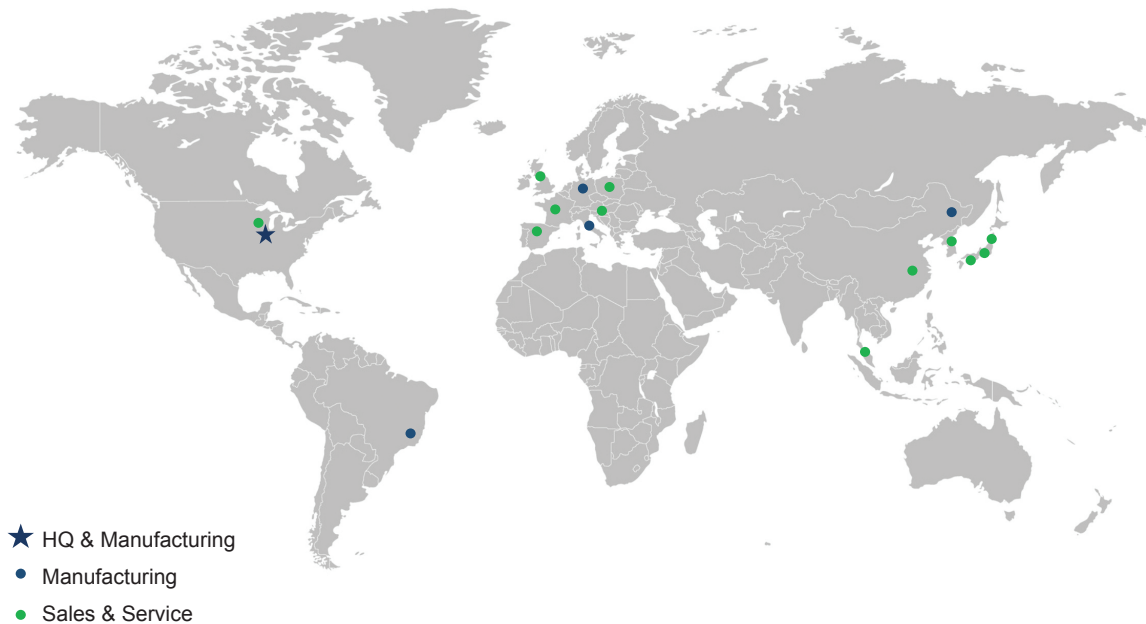


Multilingual customer service teams located around the world to support you when needed. **Global production foot print** with localized manufacturing sites in Waukegan/USA, Mainz/Germany, Dalian/China, Bologna/Italy and Diadema/Brazil.

High supply chain safety, DEUBLIN has a low dependency rate on any single industry which means we are a strong asset for your risk management. All DEUBLIN sites are run by globally aligned production methods and processes which support **global contingency plans**.

DPS DEUBLIN Performance System, continuous improvement processes and Kanban inventory, support high quality and short lead times.

Deublin Worldwide Locations



Since its founding in 1945 as a small, family-owned business, Deublin consistently has adhered to a policy of designing and building the best products of their kind in the world. The result of this policy has been continuous growth through the years, and for this we are grateful to our many loyal customers.

Today, Deublin is the world's largest manufacturer of Rotary Unions, with state-of-the-art factories, technical sales and services, and local stocking in 13 countries on four continents, as well as a worldwide distribution network operating in more than 60 countries. Our global organization and extensive catalog of field-tested products ensure a precise match between each customer's requirements and an engineered solution. Deublin has been part of the HOERBIGER Group since 2019 and forms the core of the Rotary Solution division.

We cordially invite you to visit our modern manufacturing facilities in Waukegan, Illinois, USA; Mainz, Germany; Monteveglio, Italy; Dalian, China; and Diadema, Brazil.



Our Global Headquarters in Waukegan, Illinois, U.S.A.



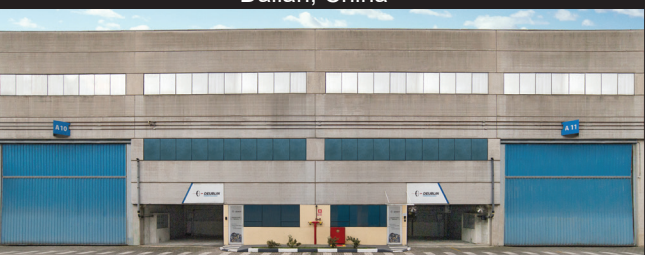
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