

CORE ACTIVITIES.

Our core activities are the design, development, production, sales and distribution of industrial gaskets and packing gland. We manufacture gaskets for primary usage in flange connections, pipe-work, apparatuses, pumps, valves and vessels.

We are focused on product stewardship especially in the area of quality standards and control and environmental pollution prevention.

NEW DEVELOPMENTS.

Environmental pollution prevention has always been one of the company's main objectives. We are actively committed to environmental protection and have been invested in the implementation of environmental regulations and laws as they pertain to the gasket industry, more specifically to the sealing and gaskets systems we manufacture and sell every day.

We recently optimized a range of gaskets from our portfolio to satisfy the leakage calculation that is the base for EN 1591-1 as well as the TA-Luft requirement. The respective products carry our Low Emission label.

Our sealingExpertise™ tool was developed as a mobile software application specifically to meet the needs of our customers. The App, available as free download through iTunes or Google play, allows quick and reliable access to important technical data and provides support for selecting an appropriate sealing system.

The Internet-based sealingExpertise™ program is available on our website. It includes a digital copy of our extensive product catalog and offers additional tools such as model emission calculations, O-Ring selection and testing guidelines for chemical resistance.



PRODUCT PORTFOLIO.

- Flat gaskets in graphite, PTFE, CNAF, with and without inner/outer eyelet
- PTFE envelope gaskets, and PTFE semi-finished products and components
- Corrugated gaskets with soft material layers
- Spiral-Wound Gaskets
- Ring-Type-Joint Gaskets
- Lens Gaskets
- Moulded graphite valve stem packing rings
- Mechanical seals
- Metal reinforced rubber gaskets (G-ST)
- Rubber gaskets
- Solid metal gasket rings
- Fabric expansion joints
- Heat protection cords and fabrics
- Stuffing box packings in PTFE, graphite and carbon, TA-Luft packing sets

KEY INDUSTRIES & SERVICES.

Our company is an original equipment manufacturer (OEM) of gaskets and packings for fittings, pumps, valves, apparatuses and vessels. We also offer maintenance, repair and overhaul (MRO) as well as on-site container services during shutdown.

Our key customers include:

- Chemical and petrochemical industries
 - Refineries
 - Power plants and energy companies
 - Pipeline construction
 - Mechanical engineering and construction
 - OEM and MRO
 - Assemblage companies (fitters, installers, constructors)
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Image source: BP Europa SE

SERVICE.

The use of gaskets and packings demands highest precision and know how; prompt operational availability during shutdown/turnaround and technically correct assembly are imperative. We have developed a modular service approach, available as single components and in any desired combinations, providing professional support and backing prior to as well as during maintenance and repair. The service is provided by our state-certified applications engineers and/or our local technical partners.

Our service includes:

- Flange assembly training according to EN 1591-4:201
- Customer-specific plant operator training
- On site mobile warehouse, container with or without personnel
- On site mobile workshop with state-of-the-art production equipment and personnel
- Flange connection calculations according to EN 1591-1:2001+ A1:2009 +AC:2011
- Quality assurance "Flange Assembly"
- Consulting for technical sealing design and construction of plant and pipe components.

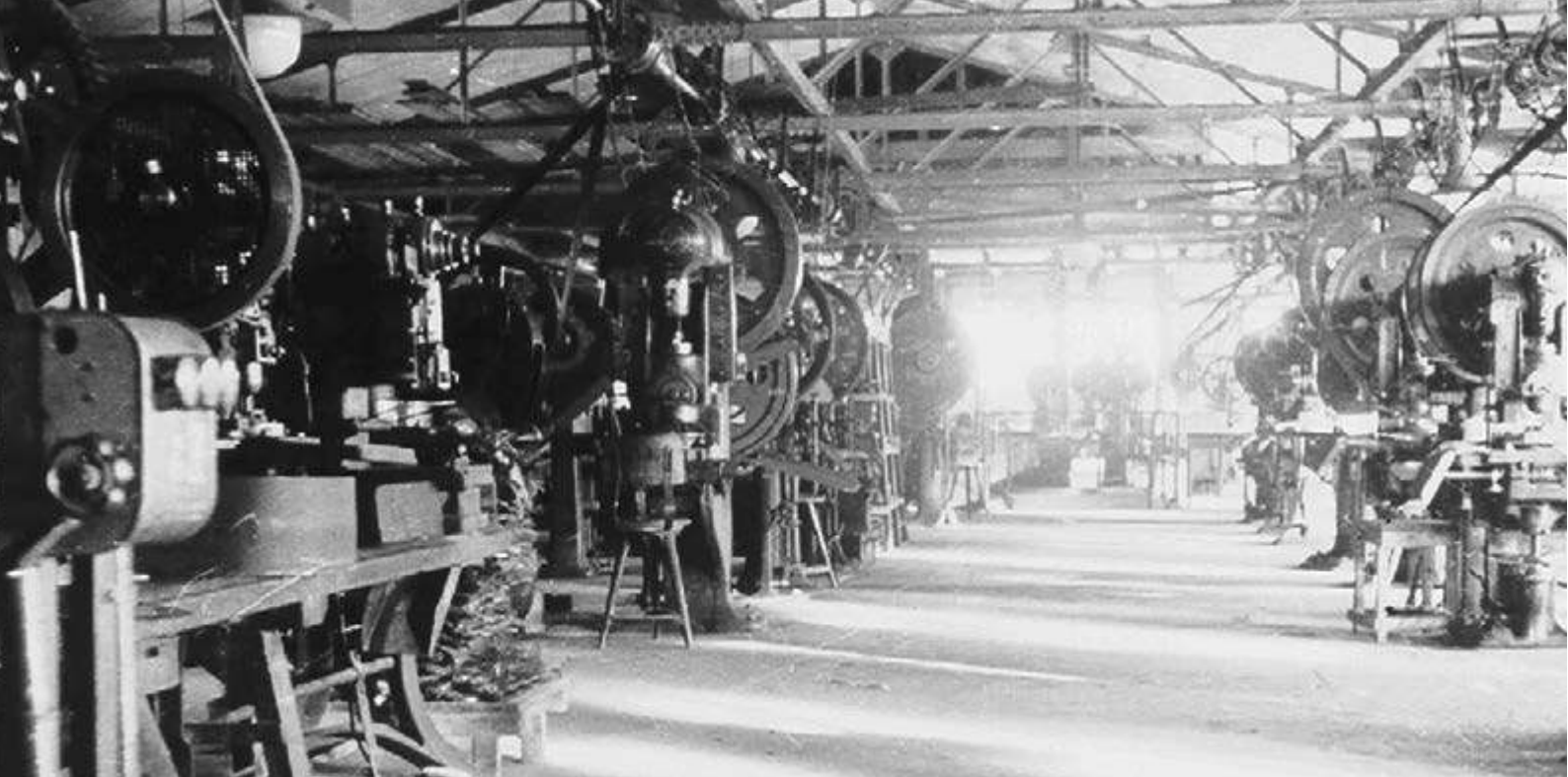
R&D AND QUALITY ASSURANCE.

Our company actively pursues in-house R&D and quality assurance. We follow best practice, maintaining high quality standards based on frequent self-assessment and benchmarking. We have close relationships with universities and working committees, such as Polytechnic Münster, NARD/DIN, AiF, TÜV.

Our state-of-the-art test rigs, specifically for valve and packings are designed to test emission specifications. The demand on refineries, chemical and petro-chemical industries to reduce fugitive emissions are increasing continually. The Industrial Emissions Directive [IED] is a European Union directive, which commits European Union member states to control and reduce the impact of industrial emissions on the environment.

The valve and packings test rigs are designed to test emission specifications of stuffing box packings and the housing covers of valves. Measurement of the friction forces during the stem cycles and determination of tightness characteristics are at the heart of the analysis. The rigs allow for individual test procedures as well as standardized tests according to ISO 15848-1, VDI 2440 or API 622.

To select the appropriate packings material, it is important to know the parameters characteristic of the materials. The packings test rig is designed to determine those parameters.



COMPANY.

With a history in gasket manufacturing dating back to 1924, IDT has established a reputation as a reliable partner, supplier and manufacturer of high quality sealing and gasket systems. One of the company's priorities is the pioneering development of innovative technologies and products, as well as the continual optimization of existing products and processes.

We take pride in our extraordinary technical knowledge as well as in our service and our network of national and international partners. We are an independent, family-owned company with a strong connection to our customer base and a market presence that is growing steadily.

GEOGRAPHICAL DISTRIBUTION.

IDT counts three locations in some of Germany's key regions. The company's highly trained and technically qualified sales team along with its applications engineers, provide first-rate service to the company's broad customer base.

Our global network includes our Chinese joint venture partner and spans 21 countries, including Great Britain, Spain, Hungary, Poland, Russia, Rumania, Finland, Denmark, India, Egypt, Thailand, Iran, the United States of America, China, and the Republic of Korea, to name a few. This world-wide network is important to our overall success. Adding new, viable, international partners is an ongoing progress that we take very seriously.



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