



Reliable Valves. Special Types. And Visa Versa.

// Butterfly Valves // Ring Throttle Valves // Flange Throttle Valves
// Air Sealing Valves // Rectangular Valves // Weld-In Valves
// Self-Cleaning Valves // Special Valves
// Measurement and Control Technology

Old values with new concepts.

For more than five decades we have been supplying you with butterfly valves and shut-off valves of uncompromised quality made in Germany.

No matter the industry and always adaptable. On this basis we have developed ourselves to a technological leader in butterfly and shut-off valves.

We have stayed true to our roots: we still produce at the same site in Essen, Germany where Heinrich Janssen founded the company in 1959.



Today we operate side by side with traditional values and contemporary concepts in a modern middle sized company. We implement planning certainty throughout the whole project cycle with certified workflows and progressive project management. In this, experienced and young employees work.

We offer a variety of construction and production services under one roof. In this we profit from short lines of communication, because construction and production are all on the same site in Essen. This strategy guarantees complete control over all processes and maximum quality assurance.

Through this we have won the trust of demanding customers. Thanks to ambitious projects we have consistently developed ourselves and in future will follow a systematic expansion of our technological competencies.

Specially designed models and the modification of our standard models are produced for you according to our proven quality and durability.

Successful own developments such as the double off-centre butterfly valve Type AB-54 and our self-cleaning valves strengthen the expansion of our assortment. With the inclusion of measuring plates and orifice plates and the appropriate pressure transmitters, we have introduced our first products of our new area measurement and control technology.

Long-term Partnerships

No matter whether you need contract parts from our standard assortment or whether we develop a special solution for your project, we are interested in a long term business relationship with you. Thus you do not only have fixed contact people, but will also be attended to by our After Sales Service team upon signing your contract.

We will deliver to your international projects in cooperation with of our partners in many countries in Asia and Europe. Through our partners we have a wide reaching network of contacts which provides us with good access to people and markets. Thus we can make suggestions for optimal solutions in every situation.





**Reliable
People.**

Take advantage of our human resources.

Both sides profit from the knowledge and loyalty of our employees. With this team your project will run on schedule from the start.

So that the chemistry works, we practice a culture of openness and mutual respect. Innovations cannot be demanded, we challenge them with a flat hierarchy and short decision channels.

Interdisciplinary and multicultural: in our company we lay value on variety. Because we produce valves for different application in the whole world, we like to draw from a great pool of qualifications, experience and ideas.

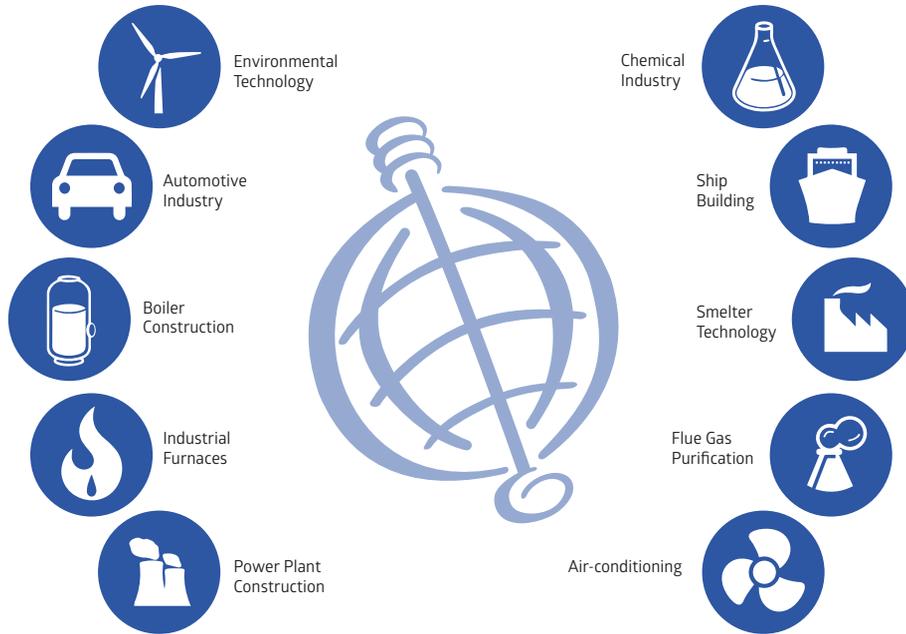
It is a matter of course that we keep our 50 employees up to date with technology though regular training. Our interests also lie in the technological developments in the industries of our clients.

Thanks to this company philosophy we master your special contract as easily as our everyday tasks.



Your Project. Our Solution.

The valves from our standard assortment fill the needs of uncountable industries. Here are 10 of them.



Successful projects with our valves have been implemented at many sites. In the most modern steelworks in Mexico, the 3 largest valves with a nominal diameter of DN2100 and DN 1300 were installed.

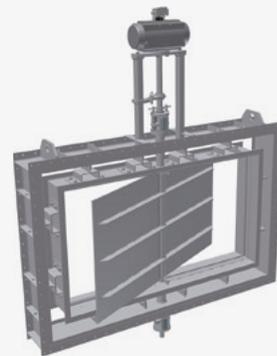
They assist that the energy of the furnaces is used optimally and losses minimised. With the use of our valves, shipyards implement a flue gas purification system according to MARPOL Annex VI. We thereby support innovations which add value, both economically and environmentally.

Standard or Very Special.

Round or rectangular. Hot or cold. Electric or manual. We just do it.



Ring Throttle Valve
Type GD - 6



Rectangular Butterfly
Valve Type FRM

Our standard valves already cover a wide market for various uses. From tension lever grips to motorised, all features are possible. Small to middle nominal dimensions are as easily and as matter of factly implemented as special use material combinations.

In size and individual design there are no boundaries for us. Even at high temperatures, our valves convince with their functional reliability. Through creativity and founded testing, we can develop the perfect solution for you.



Special Valves.

Solutions to measure.

Is your plant special? Are the parameters unusual? Then we are with you.

Beyond the norms the challenges start: When the nominal diameters increase and the operating conditions become extreme, you can trust in our special valves.

Standard solutions cannot always be implemented in facilities. We develop customised solutions which are just as reliable and durable as the products of our standard assortment. Especially dimensions and operational applications are adaptable.

Extreme temperature variations and aggressive process liquids and gasses, we confront with specially adapted material combinations and design modifications. Thereby you profit from our years of experience in producing special valves.

In our daily business we have come across countless extraordinary application cases. Thereby we can assess your risk in bad investments and minimise these to a large extent.

For our special solutions the following applies: The experiments are done in our development department; in your plant, operational safety and reliability are of utmost priority.





Continuous Development.

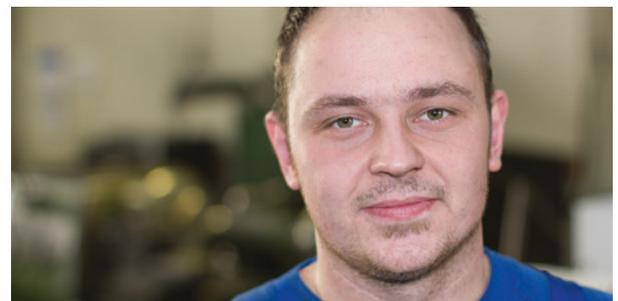
Continuity. Technical and Humane.

Our valves will give you trustworthy service for a very long time to come. And our valves are continuously being improved. Just like our employees.

Dennis Klaus is a symbol of our roots and traditions. His grandfather worked for our company. As a future plant Master, he symbolises the future of our company. He stands as a representative for everyone, who shapes the success of our company with personal commitment.

We have accompanied and challenged Dennis through his whole career. Continuity is important to us. He has taken responsibility for the quality of his work for decades. This loyalty is a cornerstone of our company philosophy. We represent you with the fixed conviction internally as externally.

When you work with us, you might not get to know Dennis personally, but without a doubt one of his pieces of work.



Fine tuning: Measurement and controlling.

Enhance the efficiency of your plant with our wear-free sensors.

Precise controlling of a plant improves the economic efficiency and the quality of your production. With our maintenance free flow measurement equipment we support you to stay ahead of the competition despite the high cost of energy and environmental regulations.

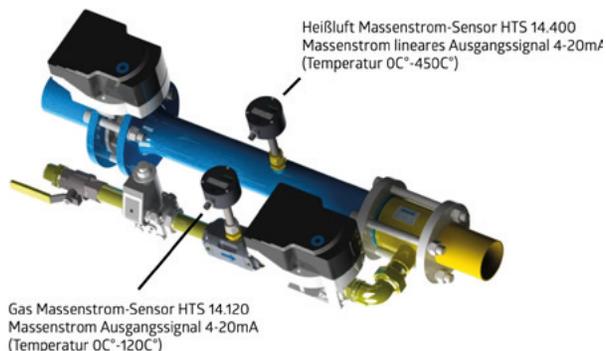
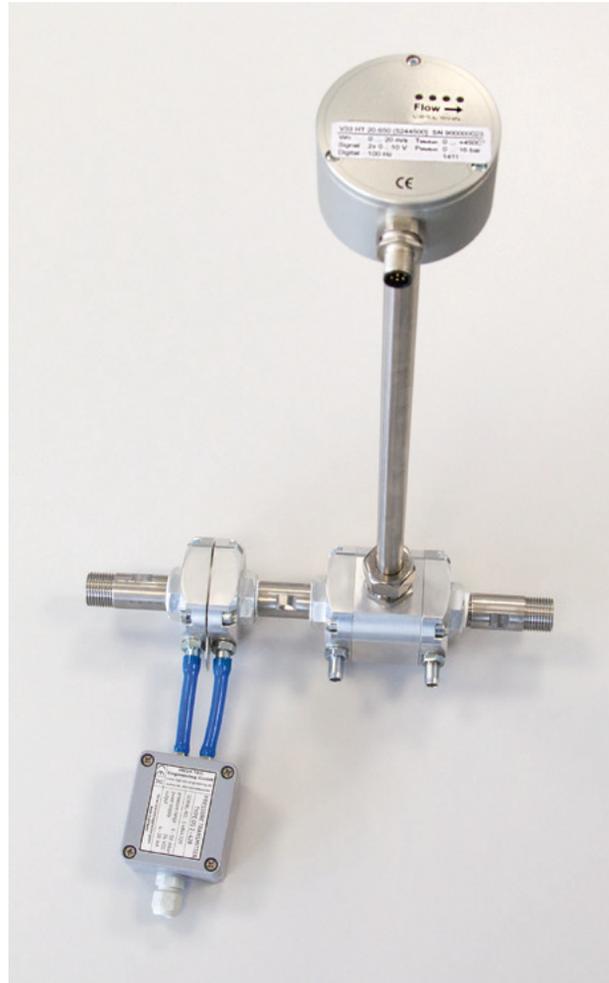
High production quality and efficient resource utilisation do not stand at opposite ends of each other, when exact measurements are taken and analysed intelligently. Maximum temperature exactness, atmosphere regulation and energy utilisation through heat recovery are examples of challenges for the burner regulation of process furnaces, which can only be implemented with the qualitative best measurements.

Also retrofitting and for flue gas.

Should you need to react fast for changing challenges or optimise running processes; the components can easily be retrofitted. Production stops and operational outages do not need to be the price you pay for the improvement of the plant.

We have taken this experience from our decades long operation in valve production very much into account when we conceptualised our measurement and control technology. Therefore our sensors are easy to install through adaptable to the installation situation and free of wear parts. In gas, natural gas and flue gas as well as non-aggressive gasses, they define the flow velocity and temperature permanently.

Long-term stable measurements without drifting from the neutral point over an extended period is available to you at a pressure of 10 bar and high temperatures.



Heißluft Massenstrom-Sensor HTS 14.400
Massenstrom lineares Ausgangssignal 4-20mA
(Temperatur 0C°-450C°)

Gas Massenstrom-Sensor HTS 14.120
Massenstrom Ausgangssignal 4-20mA
(Temperatur 0C°-120C°)

The sensors can be installed in tubes with nominal dimensions DN 25 up to DN 2000 and are easily and speedily connected to the plant control system with a sensor plug. As output signal, the mass flow and temperature are linearized, and made available with a flow of 4 to 20 mA. Further, the sensors are designed with a wide flow measurement range, to reliably capture lower as well as maximum volume flows under different operating conditions and at different duty cycles.

As with our valves, our measurement and control technology is also developed and produced in Germany.



Tailor-made in the
Ruhrgebiet.

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