

Pumps And Systems For Industrie, Environmental And Shipbuilding



Customer benefit is our target. Innovation in Pump Technology is our business.



Since the company foundation in the year 1853 it has been the company objective to react to requirements with our own technological solutions and to solve tasks reliably and economically.

The development of the twin screw pump with external bearings, which was patented in 1934, was a milestone for the realization of this objective.

This was followed in 1960 with the development of the triple screw pump, in 1966 by the eccentric screw pump and in 1985 by the multiphase pump.

Today, production emphasis is on twin screw pumps. Bornemann ensures its leading position worldwide by exercising its own control on this technology and its adaptation to all requirements.

Representative offices and subsidiary companies all over the world guarantee immediate, professional support in all phases of cooperative work, from full consultation and expert engineering, through to reliable maintenance of the installed plant.



The quality of the welding work is a reference for the standard of manufacturing. The quality of Bornemann welders is at the highest level. The qualification of its employees and the extensive testing methods used are a guarantee of this.



Experience gained from thousands of pumps, incomparable know-how and the employment of the most current computer-aided systems in development, ensure continuous innovation. Intensive communication with all customers guarantees economical applications and immediately usable solutions.



Tightly organized manufacturing, sound craftsmanship and a solid technical base, combined with state-of-the-art, precise manufacturing systems, forms the basis for the high quality of all Bornemann pumps.

A long service life is a typical customer benefit enjoyed with all Bornemann pumps. Also a permanent stock of all important replacement and wear parts and the fastest logistics guarantee these benefits.



Precise production and strict testing methods form the basis for the highest level of product quality - Bornemann quality - documented to DIN EN ISO 9001 and tested on our own high-performance test stands. All pumps are tested under virtually real conditions. Also multiple-phase flows with 100% gas part are simulated under process conditions.



Bornemann

Twin screw pumps

Multiphase pumps



Day for day, Bornemann screw pumps also convey the most difficult media. Everywhere they prove themselves, for example in tank farms and loading stations.

Day for day, Bornemann loading pumps are justifying their good name, on many ships, in many water transport situations and in all climatic zones. They deal with e.g. chemicals, oil products, bitumen and many other media. They provide convincing performance with a high level of availability, dry running security, quiet running and high suction pumping capabilities.



Day for day, offshore applications utilize the entire range of service potential. Here, every day, Bornemann pumps prove themselves under the most extreme conditions.



Ranges of application for twin screw pumps

- Capacity from 3 to 2000 m³/h
- Differential pressures to 100 bar
- Viscosities from 0.5 to 1,000,000 mm²/s
- Medium temperatures to 450°C

Ranges of application for multiphase pumps

- Capacity to 2000 m³/h
- Differential pressures to 70 bar
- Viscosities from 0.5 to 1,000,000 mm²/s
- Medium temperatures to 120°C

Bornemann offers in its current program

- Twin screw pumps with internal bearing
- Twin screw pumps with external bearing
- Eccentric screw pumps
- Triple screw pumps
- Multiphase pumps
- Deepwell pumps

Bornemann Eccentric screw pumps Triple screw pumps

Ranges of application of Bornemann eccentric screw pumps:

- Capacity from 0.1 to 280 m³/h
- Differential pressures to 80 bar
- Viscosities of 0.5 to 1,000,000 mm²/s



Day for day, Bornemann eccentric screw pumps prove their versatility. For example, they prove themselves by their precision performance in proportioning technology, which is involved in the manufacturing and filling of chemical and cosmetic products and in food and drink production.



Tag für Tag beweisen Bornemann Exzenter-schneckenpumpen ihre Robustheit und Zuverlässigkeit beim Dauereinsatz in der Klärtechnik.



Day for day, Bornemann eccentric screw pumps perform reliably in processes with contaminated and abrasive media, which are laden with solid matter and are highly viscous. In the chemical industry, in mineral oil conveyance, in waste dump technology and in the wastewater industry.



Ranges of application for multiphase pumps

- Capacity to 2000 m³/h
- Differential pressures to 70 bar
- Viscosities from 0.5 to 1,000,000 mm²/s
- Medium temperatures to 120°C



Day for day, the special performances qualities of the Bornemann triple screw pumps, with lubricating media of all kind, are confirmed by our customers.



Pumpen und Systemlösungen für Industrie,
Umwelttechnik und Schiffbau

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Good communication with our customers is an important feature in Bornemann's Quality Program, from initial project consultation to pump maintenance. Professional support and fast service are also top priorities. Specialists in pumps and pump systems located in our company headquarters and in nearly 100 Bornemann representatives and agencies through the world provide professional quality support on a local level. Our employees and representatives are regularly trained at our training center in order to stay current on new technologies and provide the best support available to our customers.



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