

*WANGEN-Pumps –
For your chemical production*



WANGEN Pumps – Our Company

Pumpenfabrik Wangen GmbH was founded in 1969. Our customers hold us in high esteem as a manufacturer of progressing cavity pumps known for their high quality, reliability, and long life. Customer satisfaction is not only the goal and benchmark by which we measure our activities, but also the foundation on which the future of our company rests.

The basis of our success is formed by a qualified and dedicated workforce, modern production facilities and processes, continuous product development, competent applications advice, and after-sales service to ensure that our customers benefit over the long-term from their pumps.

We offer not only a complete range of standard pumps but also customized pumps designed and manufactured for specific purposes. WANGEN pumps feature a high level of quality and operational

reliability. They are used successfully in the fields of biogas technology, agriculture, food and beverage production, industry, and by municipalities wherever there is a need for reliable conveyance of highly viscous or abrasive substances, multiphase mixtures, sticky media, or highly dewatered slurries.

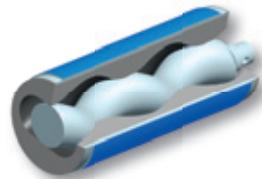


Headquarters of Pumpenfabrik Wangen.

New Production Facility for Stators

Since October of 2007, our stators are made in an architecturally appealing new factory with state-of-the-art technology and optimized

manufacturing processes that allow us to quickly produce high quality stators – a clear advantage for customers of Pumpenfabrik Wangen.



Service and Customer Support

Our customer service begins even before we deliver a product: all of our pumps are tested for function and leak-tightness.

Start-up

We offer professional support for proper installation of your new pumps.

Service Contracts

Regular inspections and servicing by our qualified technicians increase the operating reliability and dependability of the pumps and lower your operating costs.

Seminars and Training Sessions

We offer customer-specific seminars and training sessions at our company or customer locations. Topics include new developments, start-up, operation, and maintenance.

Cross-industry Consultation, Innovations, and Problem-solving

We are always glad to help customers who are looking for solutions for new conveyance and pumping tasks, who need to work with difficult media, or who are experiencing problems with their existing equipment. Our specialists are competent across all sectors.



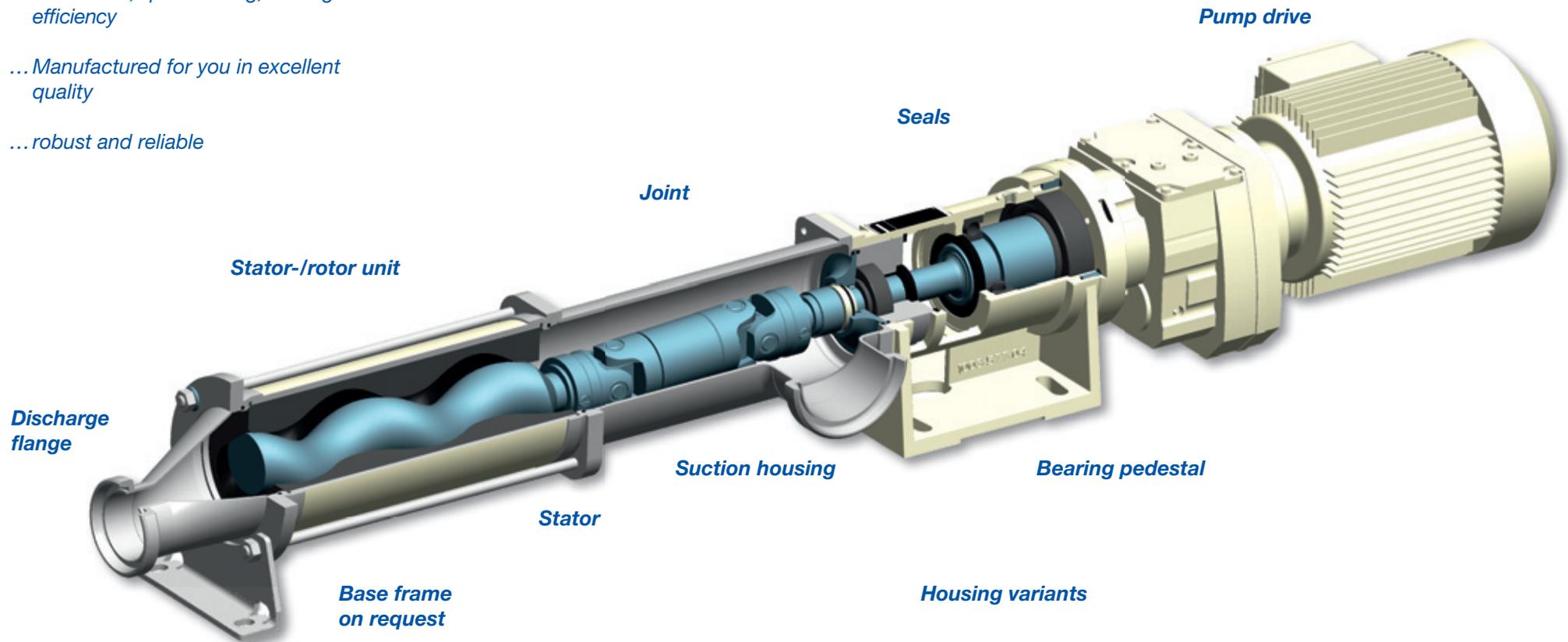
Repair Service – We perform repair services for WANGEN pumps on site at the customer's location or directly in our facilities.

Leasing and Trials

We offer pumps for leasing and trials for short term use or for use over a defined period of time, for product testing and for test installations, to institutes, research facilities, and schools.

WANGEN Progressing Cavity Pumps

- ... Fully modular and therefore easy to maintain, space-saving, and high efficiency
- ... Manufactured for you in excellent quality
- ... robust and reliable



Discharge flange

Standard flange connections. Horizontal and tangential outlets available for optimized extraction of residual material and cleaning.

Stator/rotor units

Various rotor/stator geometries (S, L, and H) manufactured by WANGEN. Stators feature funnel-shaped hoppers for optimum loading of the feed chambers.

Base frame

Available with base plate or in movable design.

Housing variants

Heatable or coolable designs available. Cleaning ports for CIP and SIP cleaning are selectable.

Joints

Technically perfected cardan joints available optionally with food-safe cuff and with or without prefeeding screw, depending on the medium. Alternative bending beam also available.

Stator

Available in EVEN-WALL® and standard geometries.

Suction housing

Low dead space, flow optimized suction housing for gentle conveyance and minimum residual material.

Pump drive

All conventional drive types available. Electrical drives also available for energy-conserving motors.

Seals

Mechanical seal in single and double-acting designs.

Bearing pedestal

Rugged bearing steel with direct flange connection and self-centering of the drive.



EHEDG certified design available.

Service / Spare parts

Need a spare part?
+49 (0) 7522 / 997-0

We regard our customers as partners who can rely on us and our pump systems.

The strong point of Pumpenfabrik Wangen is its development of individual pump solutions. Each pump works reliably under maximum loads and difficult conditions. And it does so with low life-cycle costs thanks to a solid construction, low consumption and high durability.

If, nevertheless, a customer finds himself confronted with a problem, then we do not consider it to be bothersome and annoying but look on it as an opportunity to innovate and improve our products further. Customers thank us with their loyalty.



Chemical industry

Due to optimized design and specific selection subject to the parameters of the application our pumps can handle and perfectly meter viscous, pasty, lumpy and shear-sensitive liquids.

This pump model group, especially designed and engineered for the dairy industry, available in CIP or SIP design or even with EHEDG homologation, ensures maximum cleaning security. Cleaning down-time is very short and consequently cost-saving; these WANGEN pumps are both gap crevice-free and quickly dismantled

Chemical industry

The main advantages of the WANGEN pumps are clearly demonstrated in the chemical industry. They permit the low-pulsation, precisely dosed conveyance under stable pressure of the most challenging substances such as, for example, polyol, isocyanate, PVC compounds, tensides, polyurethane adhesives, and dispersions for pastes or galvanic sludges. The ATEX implementation belongs clearly to the standard and, upon request, the eccentric screw pumps can be delivered with a heating or cooling jacket.



Pharma and cosmetic industry

The manufacturing of pharmaceuticals and cosmetics is subject to strict legal regulation.



In collaboration with our clients, we have designed a type series of pumps which corresponds to the requirements and has EHEDG certification.

The housings are flow-optimized, the substances are conveyed in an almost pulsation-free manner, the dosage precision is high, the materials used are FDA-approved and the virtually pocket-free pumps can be easily cleaned. All things considered, the WANGEN pumps ensure the production of the clients at the highest level.

Paper industry

The end products of the paper industry are subject to highest quality requirements. In order to fulfill them, it needs high-quality pumps which are designed exactly for their function in the manufacturing process and are capable to convey in a low-pulsation manner the most shear-sensitive substances.



That is why many manufacturers rely on the WANGEN pumps and that in all production segments of the material preparation up to the size press. Such substances as fillers, kaolin, titan dioxide, deinking

chemicals, retention agents, coating colors, starch suspensions, latex, glues, resins or pigment sludges, etc. are conveyed.

Paints and lacquer industry

In the case of pumping paints, lacquers and glues, highest dosing precision is required. A decisive argument in favor of the WANGEN pumps is that in their work the delivery rate and the revolutions per minute are directly proportional. Standard and special gaskets ensure the optimal sealing.

Some examples of pumped substances are: dispersion paints, latex paints, label glue, polyurethane glues, plaster paints on CaCO₃ base, pigments.



Oil industry

The pump uses in the petrochemical industry are demanding and often take place under most difficult conditions. The WANGEN pumps demonstrate also here their reliable performance. Thanks to their platform concept and design variability, they open a wide range of application possibilities from the exploratory drillings through the further processing of the crude oil and up to the disposal of the waste oils.



Our pumps have proven themselves also in special missions for conditioning the trickling oil after oil tanker accidents at the seashores. They are used not only in the oil production but also in the processing of alternative energy carriers into usable propellants and fuels.

Sewage and wastewater treatment technology

The protection of the environment is today a central issue before mankind. The climate change, the irregular precipitation pattern and the growing industrialization are likely to lead in the future to water shortages. Water becomes an increasingly valuable resource. Therefore, the used water and the wastewater have to be purified in state-of-the-art drinking water purification and wastewater processing plants by using a complex combination of mechanical, biological, chemical methods and brought back in the ecological circulation.

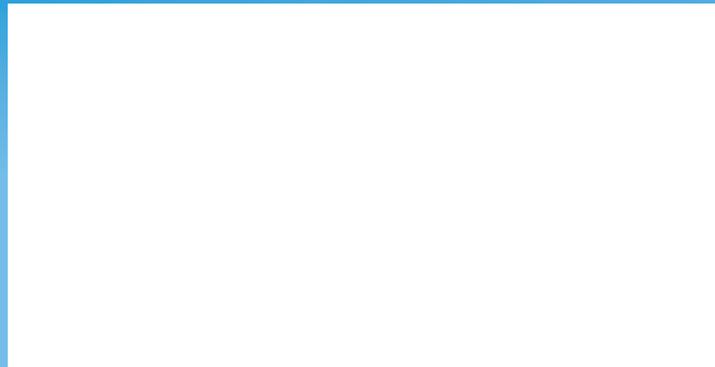
The Wangen pump factory offers various series of pump types for conveying the slimes accumulated during these processing phases.





Any questions?
Just give us a call.
We are looking forward to it.

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