

*WANGEN-Pumps – For your food
and beverage 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.

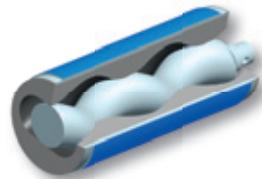


Headquarters of Pumpenfabrik Wangen.

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.



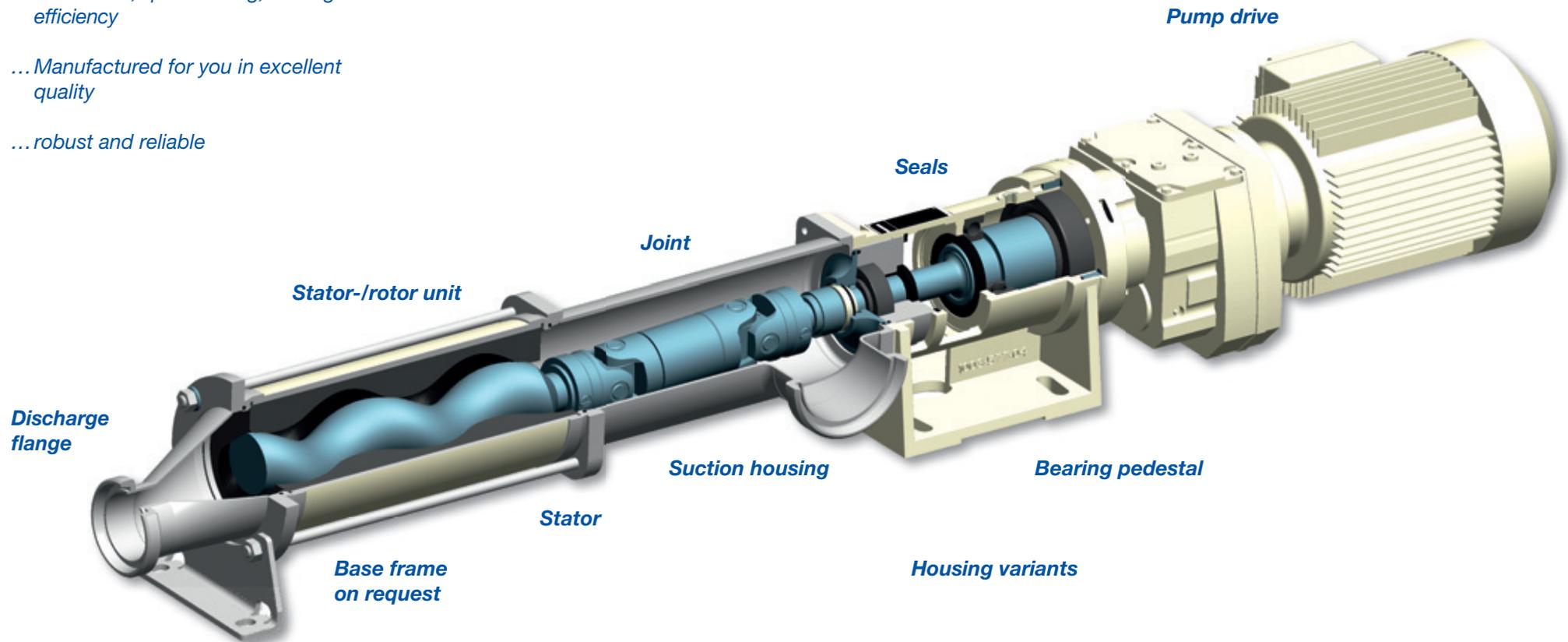
Repair Service – We perform repair services for WANGEN pumps on site at the customer's location or directly in our facilities.

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.



Food and beverage industry

Proven quality, low life cycle costs, and customer or medium specific design make the progressing cavity pumps from Pumpenfabrik Wangen popular in the food industry.

The pumps convey the products gently, allow processing of the smallest amounts of residual material, and – something that is extremely important in this business – are easy to clean thanks to their CIP or SIP design. Our pumps meet the most exacting hygiene standard with EHEDG certification.

Baked goods industry

Consumers demand a diverse range of tasty products at affordable prices, which presents new challenges for the baked goods industry. Companies must be capable of flexibility in adapting their range of products and production methods to changing buying habits, such as by manufacturing frozen baked goods.



Industrial bakers have been relying for years on the performance of WANGEN pumps for feeding of cake and bread dough, yeast mixtures, or fillings into the production process. Special applications such as plastifying blocks of butter and margarine blocks or inline mixing of sourdoughs are no problem. Our strength lies in customized solutions tailored to the needs of our customers.

Meat processing

A high degree of automation and quick product changes are the hallmarks of modern meat processing operations. This requires flexible production facilities and frequent, meticulous cleaning. Entrainment of foreign media is as unacceptable as the use of equipment having large dead spaces.

The benefits of WANGEN pumps include enormous versatility, superior machine availability, quick dismantling, low dead space designs for minimum cleaning requirements, and of course the use of materials that are approved for the food processing industry.



And our pumps operate with a minimum of stress to the product, so that texture and quality of the conveyed foodstuffs are preserved during the pumping operation. These benefits support the success and strengthen the competitiveness of our customers.



Dairy industry

The market for milk products is growing and along with it, the pressure on costs. Production plants must therefore be increasingly automated, and their availability ensured. A key success factor is the ability to convey a wide range of media with minimum stress to the product and minimum product remaining in the system.

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.



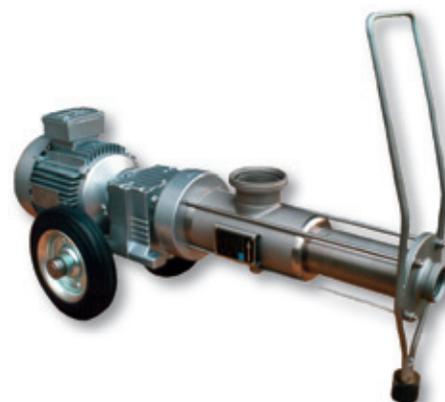
Confectionery industry
Chocolate, marzipan, wafer mixes... the confectionery industry works with many different ingredients, which can be viscous, sticky, lumpy, or sensitive to shearing forces. Manufacturers must cope with this product diversity and variation and with growing cost pressures caused by the internationalization of the market, which forces them to increase the automation of their production processes.



In our many years of close cooperation with the confectionery industry we have developed customer-specific progressing cavity pumps capable of conveying even the most

complicated media, including heat-able pump designs. Common to all our solutions are low-stress conveyance of the media, minimum material remaining in the system, and superior availability of the equipment.

Beverage industry
To survive in the increasingly globalized marketplace, beverage producers must offer the right assortment of products with the right quality and at the right price. This requires a flexible, cost-efficient



production – for example with WANGEN pumps. Pumpenfabrik Wangen offers beverage manufacturers a wide range of standard pumps, which can be equipped for CIP or SIP, as well as a line of pumps with EHEDG approval.

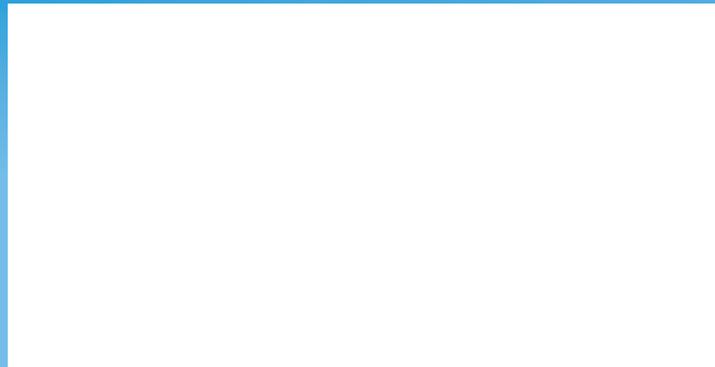
Fruit and vegetable processing
Freshness and quality are essential for fruit and vegetables. Their processing takes place seasonally or year-round with as little stress to the product as possible – and this applies equally to their conveyance within the production process.

WANGEN pumps are individually designed for the low-pulsation conveyance of specific media, whether they are lumpy, viscous, sensitive to shearing forces, or highly tempered. These pumps are also used to dispense fruit and vegetable waste occurring during processing. Regardless of their use, our customers can always rely on the performance and availability of the pump systems.



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

Phone +49 (0) 7522 997-0



Pumpenfabrik
Wangen GmbH

Simoniusstrasse 17
D-88239 Wangen im Allgäu
Tel.: +49 (0) 7522 997-0
Fax: +49 (0) 7522 997-108

www.wangen.com