

**WANGEN-Pumps –
For your biogas production**



- **Central pumps**
- **BIO-MIX Pumps**
- **Feeding pumps**
- **Slurry pumps**



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 techno-



Headquarters of Pumpenfabrik Wangen.

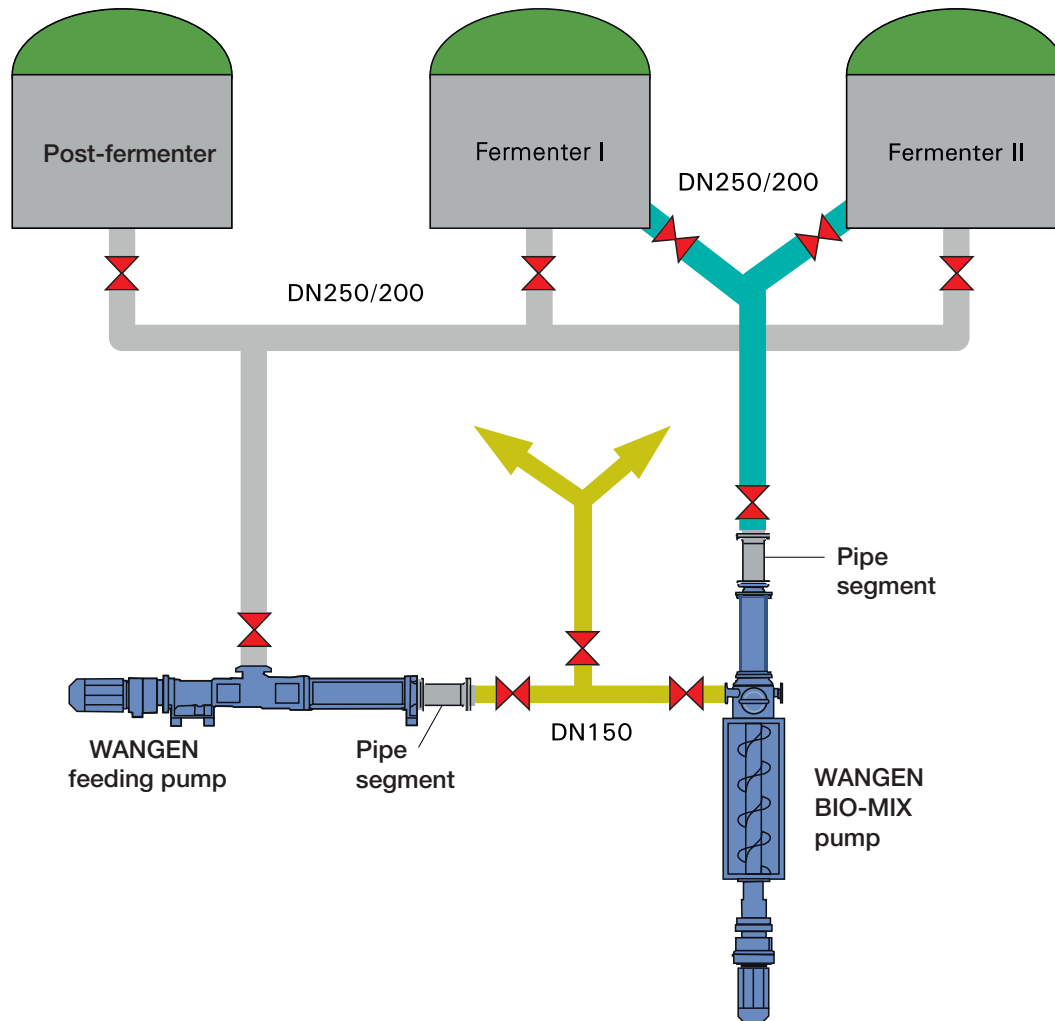


Stator factory at Wangen headquarters

logy, 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.

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.

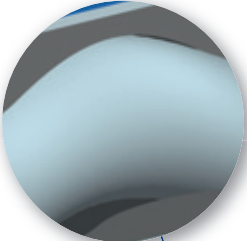
WANGEN Pumps KL-S and BIO-MIX Pumps in your Biogas System



Advantages at a glance

- Feeding of several containers with one BIO-MIX pump
- Pre-mixing of the substrate in the BIO-MIX pump
- Low power requirements for the mixer in the fermenter
- Feeding pump can also be used for transfer duties
- BIO-MIX pumps can be retrofitted in almost all biogas systems

WANGEN SELF-PRIMING PUMP – TYPE KL-S



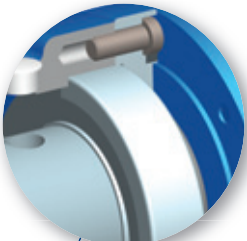
Rotor & stator
High quality in-house production



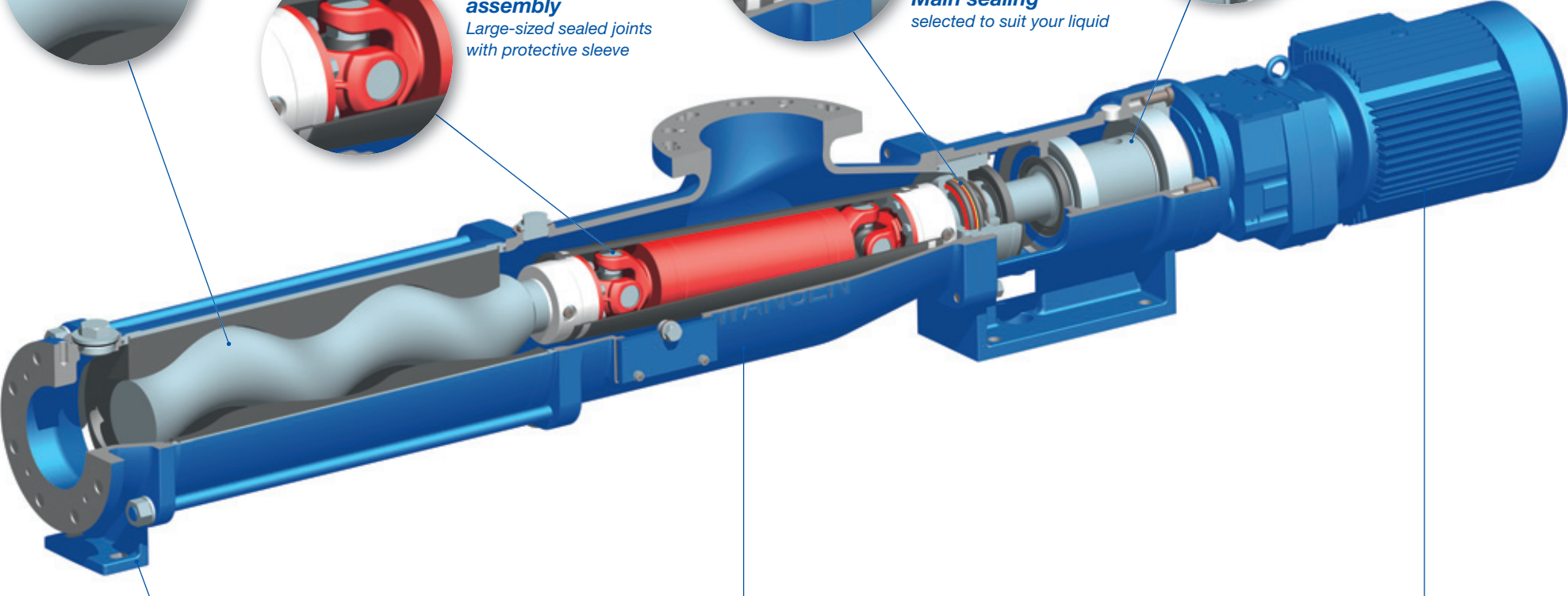
Cardan shaft assembly
Large-sized sealed joints with protective sleeve



Main sealing
selected to suit your liquid



Bearing pedestal
with large-sized drive shaft bearing

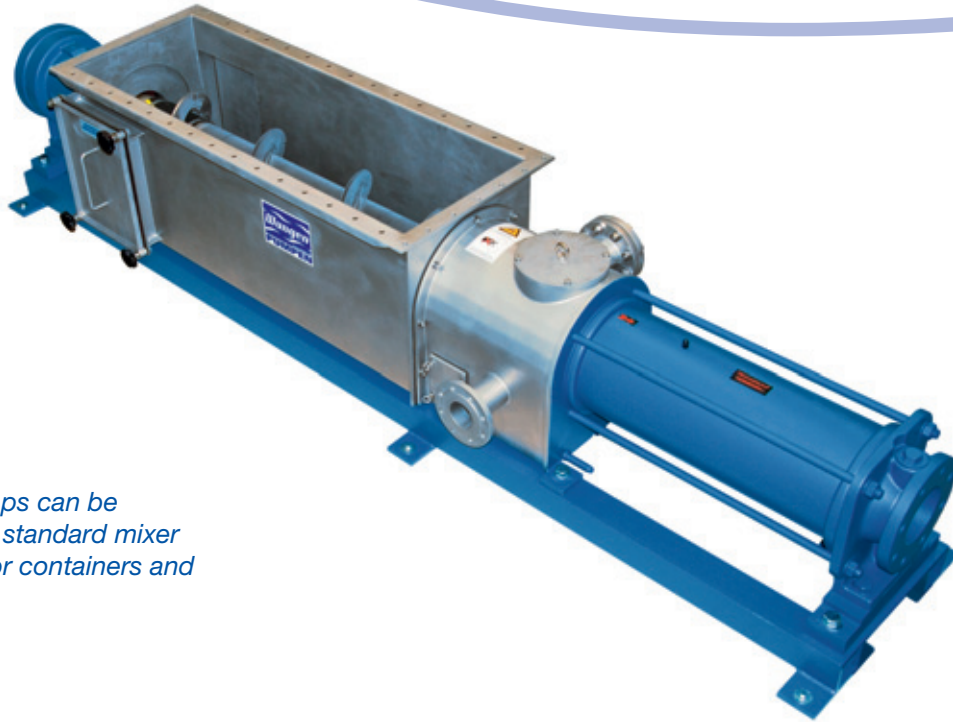


Discharge flange
with DIN flanges up to DN 200

Suction housing
with DIN flanges up to DN 200

High quality drives
from premium manufacturers

WANGEN-BIO-MIX Pumps



The BIO-MIX pumps can be combined with all standard mixer feeders, push-floor containers and screw conveyors

- Hopper and feed screw also in stainless steel
- Large hopper with stone trap
- Sturdy sealed cardan joints
- Very robust feed screw
- Robust bearing pedestal
- Several clean-out ports

Performance

Type	Flowrate	Pressure
114.0	30 m ³ /h	4 bar
114.1	30 m ³ /h	6 bar
125.0	40 m ³ /h	4 bar
125.1	40 m ³ /h	6 bar
140.0	50 m ³ /h	4 bar
140.1	50 m ³ /h	6 bar
165.0	80 m ³ /h	4 bar
165.1	80 m ³ /h	6 bar



BIO-MIX with a hopper 3 m long



BIO-MIX with screw conveyor



BIO-MIX with mixer feeder

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.

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.



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

Phone +49 (0) 7522 997-0



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