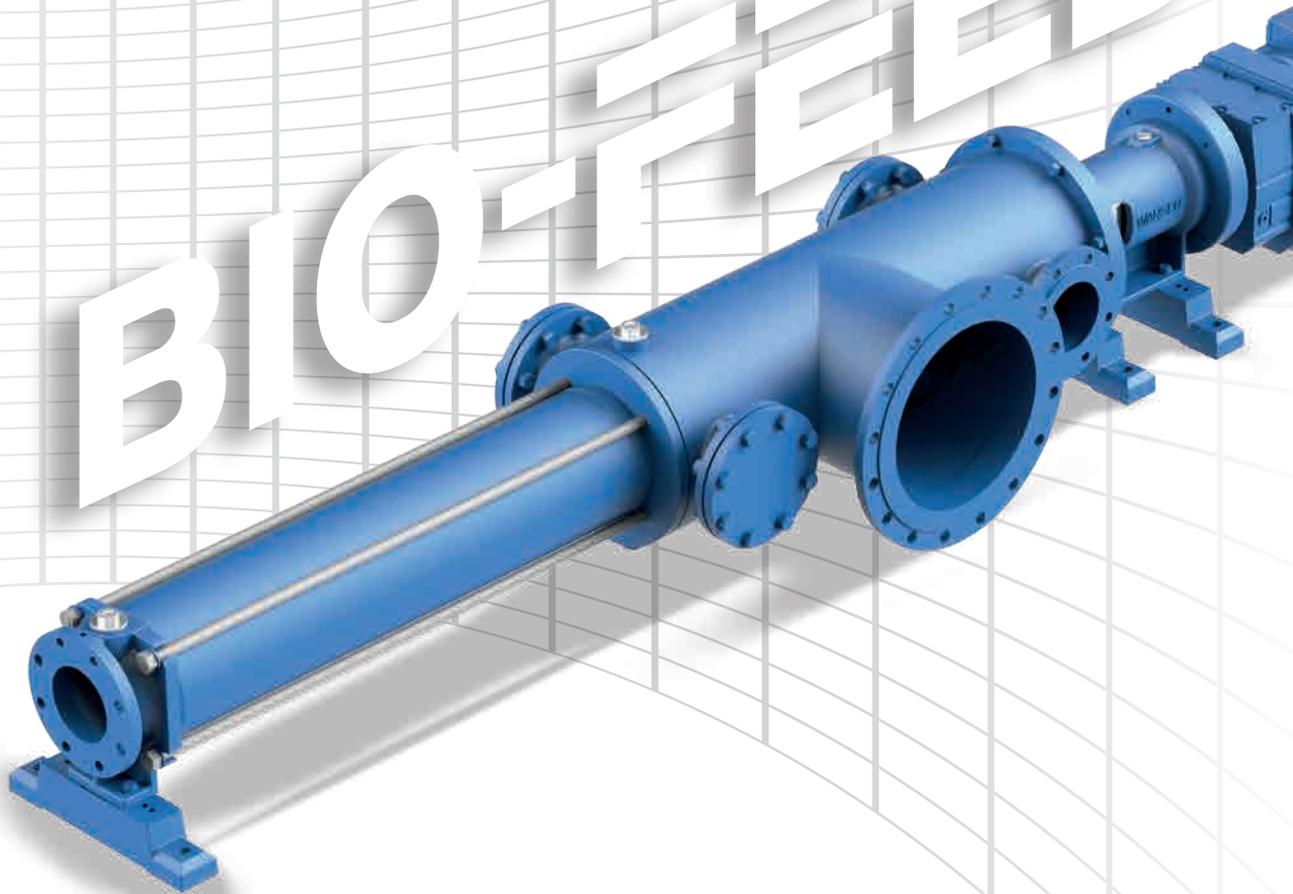


Progressing Cavity Pump

WANGEN BIO-FEED with X-LIFT

BIO-FEED



Combines liquid feeding
with screw technology directly
at the solids dispenser



BIO-FEED

WANGEN BIO-FEED with X-LIFT quick-change system

Flexible and cost-efficient

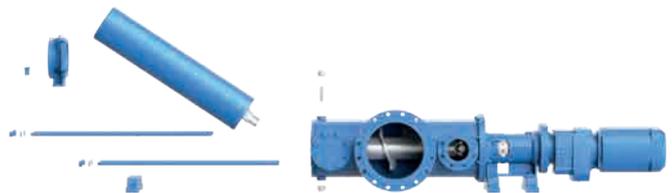
Already starting at an economically-priced 15,000 euro, in addition to being flexible and offering a wide range of applications, we present you WANGEN BIO-FEED. We have developed the pump especially for production plants that would like to combine an existing auger dosing unit for solid material with a liquid material dosage.

To simplify integration into your conveyor, our WANGEN BIO-FEED's pump body is equipped with two DN150 connections bearing bracket side, one DN400 connection for the screw conveyor and two DN200 at stator side. In addition, you can use these as cleaning openings and for rinsing the mixing chamber.

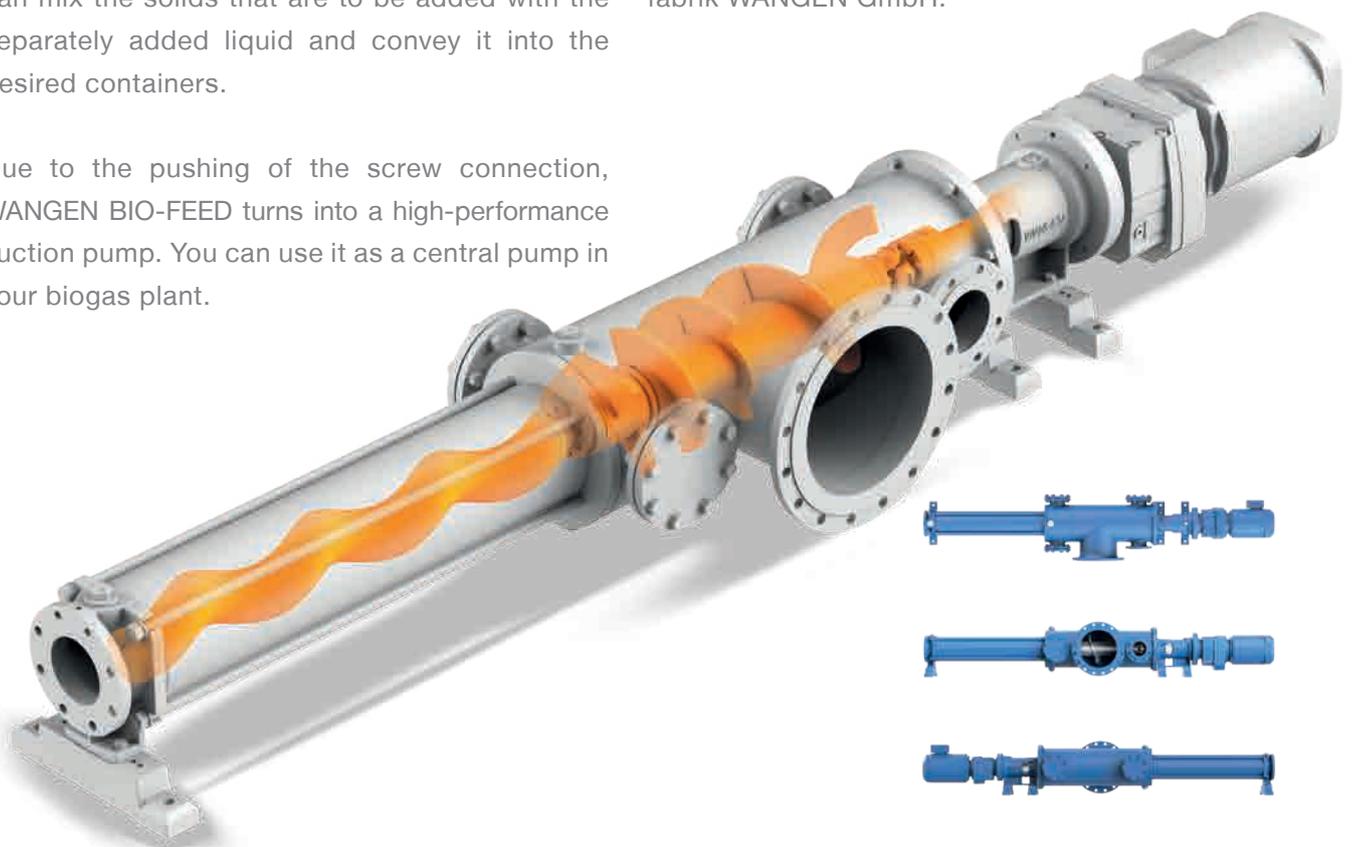
With a specially-developed milling screw, you can mix the solids that are to be added with the separately added liquid and convey it into the desired containers.

Due to the pushing of the screw connection, WANGEN BIO-FEED turns into a high-performance suction pump. You can use it as a central pump in your biogas plant.

With our innovative X-LIFT quick-change system, the wearing parts are easy to replace. Only a few simple steps are needed, without this requiring disassembly of the pump from the piping system. Thereby, WANGEN BIO-FEED is also suitable for use in restricted spaces.



Thus, WANGEN BIO-FEED allows a wide range of applications for a large number of tasks within the machine. This advantage is offered to you exclusively by Pumpenfabrik WANGEN GmbH.



Technical data and properties

Performance data WANGEN BIO-FEED

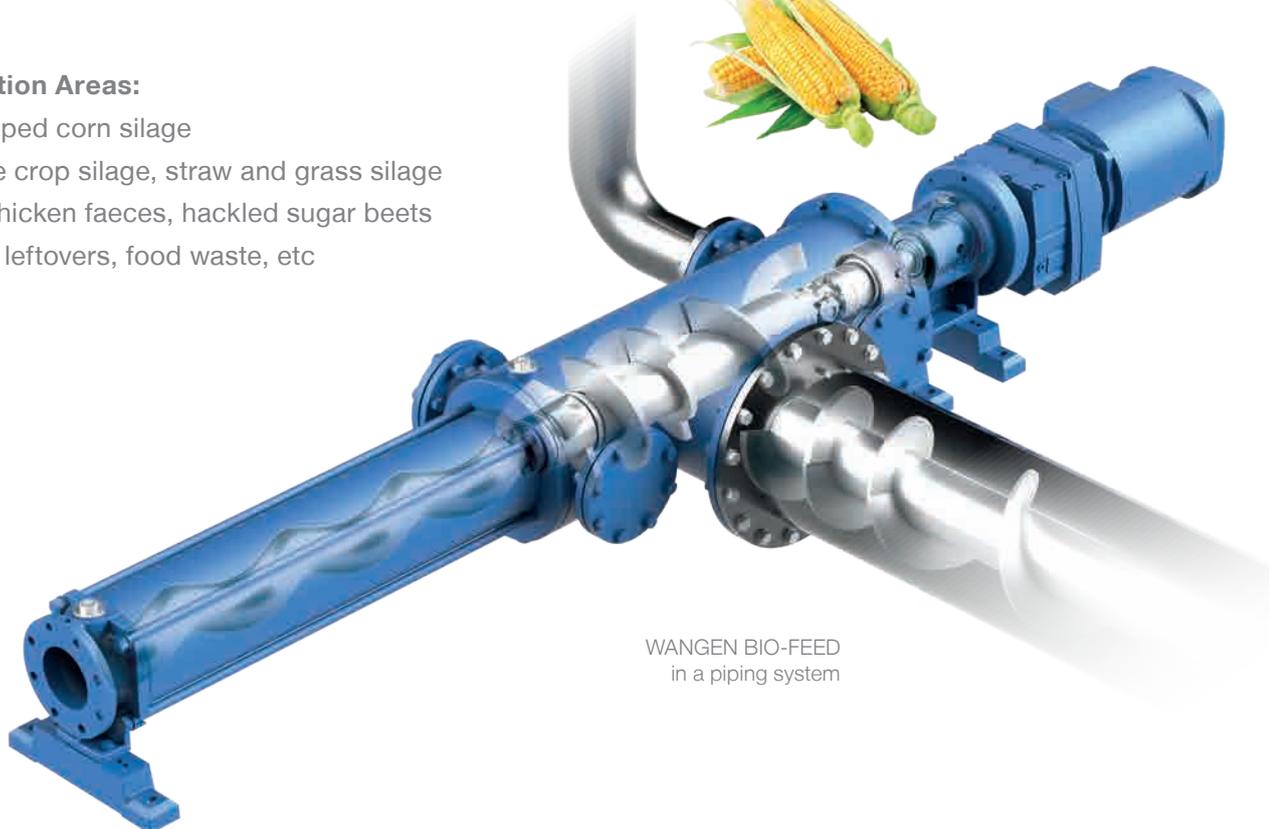
Pump size	Maximum completely free passage (mm)	Flowrate (m ³ /h)	Maximum differential pressure (bar)
65	112	up to 50	6

Properties:

- Liquid feeding pump for connection to existing screw technology
- Large-scale mixing chamber
- Specially-developed joint with milling screw
- Numerous connections at the chamber allows simplified adaptation to existing features on the machines
- Liquid addition and high-performance central pump
- Our innovative X-LIFT quick-change system
- Unproblematic liquid feeding with wet and watery solids, without additional liquid
- Up to 15% dry substance

Application Areas:

- Chopped corn silage
- whole crop silage, straw and grass silage
- dry chicken faeces, hackled sugar beets
- Food leftovers, food waste, etc



WANGEN BIO-FEED
in a piping system



Tested quality

WANGEN PUMPEN Quality management is certified to ISO 9001.



Certified sustainability

The WANGEN PUMPEN environmental management is certified according to ISO 14001.



Your contact:

Pumpenfabrik Wangen GmbH

Simoniusstrasse 17
 88239 Wangen im Allgäu
 Germany
www.wangen.com

Technical consultation: +49 7522 997-0
 Service hotline: +49 7522 997-997
 Spare parts: +49 7522 997-896