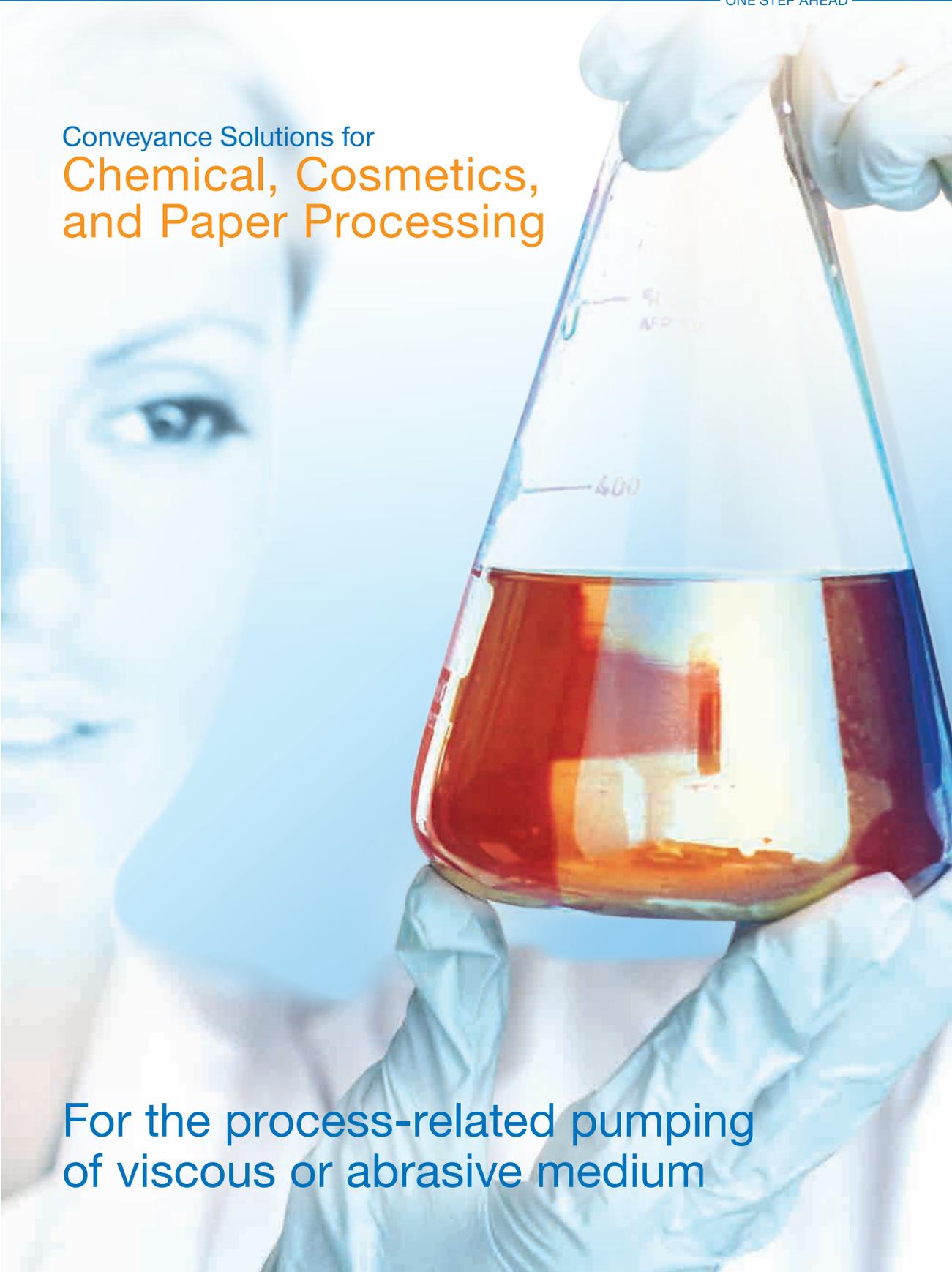


Conveyance Solutions for
**Chemical, Cosmetics,
and Paper Processing**



For the process-related pumping
of viscous or abrasive medium

Who we are

Why WANGEN PUMPEN?

The name WANGEN PUMPEN comes from Wangen, the location of the company's head offices and the main production site in the Allgäu region of Germany. This is where we have our home base - in the most southerly part of Germany, where Austria, Switzerland and Germany meet at Lake Constance.

Made in Germany – used worldwide. Our customers trust and rely on pumps made by WANGEN PUMPEN - a clear confirmation of our commitment to quality as the basis for the long-term added value.



”I can rely on WANGEN PUMPEN, even when it comes to pumping the most difficult media.”



Since it was founded in 1969, WANGEN PUMPEN has continued to grow, expanding from its beginnings as a small family-run business into a medium-size company with a workforce of over 200 staff.

Thanks to our consistent focus on the requirements of the market and our customers, our pumps are highly regarded at regional, national and international level.

Our customers hold us in high esteem, motivating us to retain and improve on our company values every single day.



Headquarter building in Wangen, Germany

Chemicals, Cosmetics or the Paper Industry

Applications

Typical applications include the pumping of:

- Waste, mineral, and cutting oils
- Polymers
- Paper pulp
- PVC adhesive, dispersion adhesives or starch glues
- Paints and lacquers
- Acids, alkalis, saline solutions
- Calcium carbonate and chromium hydroxide
- Creams, soap and shampoos

Whether in the cosmetics, the chemical, or the paper industry, this is where the basic advantages of Wangen pumps can be clearly seen. They enable the low-pulsation and pressure stable exact dosing of some very difficult medium, such as polyols, isocyanate, PVC compounds, surfactants, polyurethane adhesives, dispersion for glues, or galvanic sludgesto extend the range of pumpable media, the progressing cavity pumps can also be supplied with heating or cooling jackets upon request.



The pump has a flow-optimised housing, the media is pumped virtually without any pulsation and the dosing accuracy is high. The materials are FDA approved and the optional low dead-space models of the pumps enable ease of cleaning.



Pumping cosmetic products



Feeding the filling plant



High level of dosing accuracy even with media which are difficult to handle

Extract from our

List of References

Germany



Shampoo

Plant	Cosmetics
Product	Hygienic twin screw pump
Pump type	16 x Twin 104
Flowrate	6 x 3-8 m ³ /h
Differential pressure	3-15 bar

Slovenia



Shampoo

Plant	Cosmetics
Product	Hygienic twin screw pump
Pump type	2 x Twin 104
Flowrate	2 x 3,6-4,5 m ³ /h
Differential pressure	3-6 bar

Russia



Shampoo

Plant	Cosmetics
Product	Hygienic twin screw pump
Pump type	2 x Twin 104
Flowrate	2 x 1-7,5 m ³ /h
Differential pressure	3-6 bar



Extract from our

List of References

Finland



Bentonite

Plant	Chemical
Product	Progressing cavity pump
Pump type	30 x KL30S 40.2
Flowrate	30 x 2-3 m ³ /h
Differential pressure	3-6 bar

USA



SIC in glycol / mineral oil

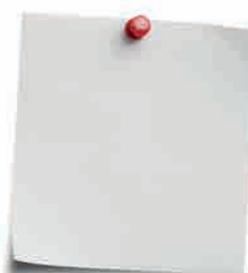
Plant	Chemical
Product	Progressing cavity pump (immersion pump)
Pump type	5 x KL30T 60.0
Flowrate	5 x 3 m ³ /h
Differential pressure	up to 3 bar

Spain



Synthetic sponge

Plant	Sponges manufacture
Product	Progressing cavity pump
Pump type	2 x KL65S 110.2
Flowrate	8,6 m ³ /h
Differential pressure	6-8 bar



WANGEN PUMPEN

Our Solutions

WANGEN pumps are adapted in their structural shape, materials and specifically defined performance parameters to the task in hand - ideal for uses in the chemical and paper processing or cosmetics industries. Our pumps enable a low-pulsation, pressure stable as well as exactly dosed pumping of even the most difficult media.

Hygienic twin screw pumps WANGEN Twin

Best suited for use with low to highly viscous, volatile, or gas-containing products. CIP and SIP in a single pump. Pump output up to 100 m³/h, differential pressure up to 20 bar.

Hygienic hopper feed pump KL-RL

For low-pulsation pumping of shear-sensitive media. Pumping output up to 95 m³/h, differential pressure up to 48 bar.

Hygienic self-priming pump KL-SL

Excellent dosing properties, large viscosity range, very easy to clean. Pumping output up to 150 m³/h, differential pressure up to 48 bar.

Standard self-priming pumps KB-S

For the pumping of viscous and abrasive media. Pumping performance up to 147 m³/h, differential pressure up to 48 bar.

Standard self-priming pumps KL-S

Pumps waste oil and cutting oil as well as paper pulp, amongst other things. Pumping performance up to 560 m³/h, differential pressure up to 48 bar.

Standard self-priming pumps KB-S GG

Pumps dispersion adhesives, polymers, and hydrogen peroxide. Pumping performance up to 5 m³/h, differential pressure up to 16 bar.

Immersion pumps KL-T

For pumping media from containers and tanks. Pumping performance up to 525 m³/h, differential pressure up to 12 bar.



WANGEN PUMPEN

Our Solutions

Standard hopper feed pumps KL-R

Ideal for use with non-freely flowing products and/or sludges. Pumping performance up to 150 m³/h, differential pressure up to 48 bar.

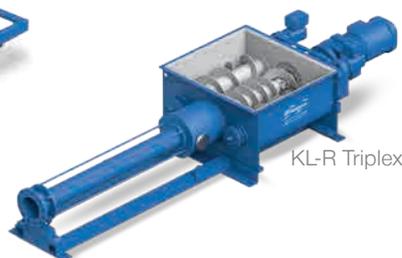


High performance hopper feed pumps

KL-RÜ, KL-RQ, KL-R Triplex, KL-RS

for pumping dewatered sludge with a high dry-substance weight up to 45%. Pumping performance up to 50 m³/h, differential pressure up to 48 bar.

- KL-RÜ – the economic pumping solution for continuous feed of media .
- KL-RQ and KL-R Triplex – with large integrated buffer volumes for pumping discontinuous supplies of media.
- KL-RS – for pumping e.g. refined sludge. Pump performance up to 150 m³/h.



Service and Spare Parts

All WANGEN spare parts comply with strict requirements in terms of functionality as well as durability and are manufactured in firm compliance with the Wangen quality standard. Spare parts, such as rotors and stators are manufactured directly at our company. This guarantees first-class quality from the manufacturer and ensures the long service life of your pump.

At our production facility, we operate a large warehouse that stores spare parts. This allows us to supply spare parts all over the world within a few business days. This also means we can help you to reduce system downtime and maximise the operational productivity of your plant. Our service team will be happy to assist you.



Online Newsletter

Subscribe now and be informed!

Go to www.wangen.com



Audited Quality

WANGEN Pumpen quality management is certified to ISO 9001:2008.



Tested sustainability

WANGEN Pumpen environmental management is certified to ISO 14001:2004.



Your contact:

Pumpenfabrik Wangen GmbH

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

Service Hotline: +49 7522 997-997

Spare Parts: +49 7522 997-896