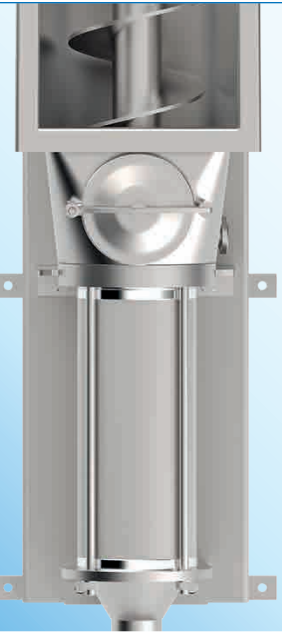




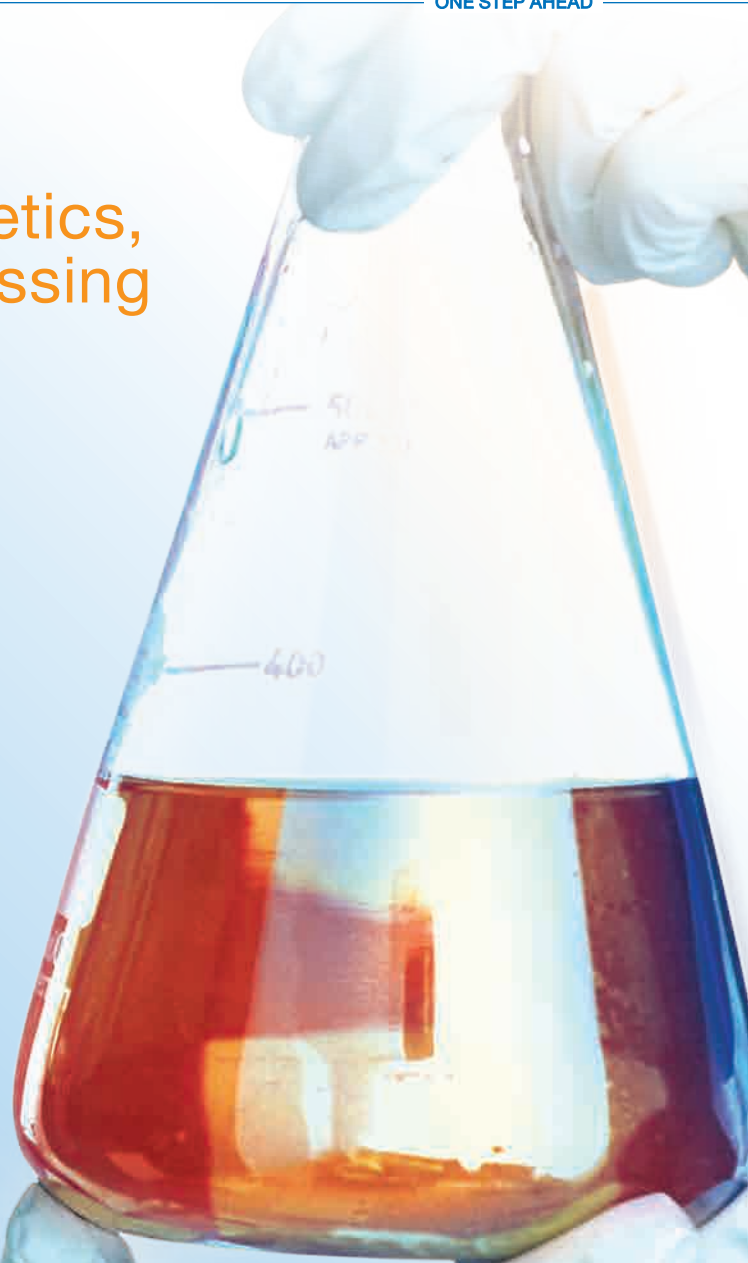
WANGEN AMERICA

ONE STEP AHEAD

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



For the process-related pumping
of viscous or abrasive mediums



Who we are

Why choose pumps from WANGEN?

The name WANGEN PUMPEN comes from Wangen, the location of the company's headquarter and the main production site in the Allgäu region of Germany. Wangen is located 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.



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 members.

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

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



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



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 stable pressure for dosing exact amounts of very difficult mediums, such as polyols, isocyanate, PVC compounds, surfactants, polyurethane adhesives, dispersion for glues, or galvanic sludges to extend the range of pumpable mediums. The progressing

cavity pumps can also be supplied with heating or cooling jackets upon request.

The pump has a flow-optimized housing. The medium 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 mediums which are difficult to handle

Extract of our

List of References

Germany



Shampoo

Plant	Cosmetics
Product	Hygienic twin screw pump
Pump type	16 x Twin 104
Flowrate	6 x 13.21-35.22 gpm (3-8 m³/h)
Differential pressure	43.51-217.56 psi (3-15 bar)

Slovenia



Shampoo

Plant	Cosmetics
Product	Hygienic twin screw pump
Pump type	2 x Twin 104
Flowrate	2 x 15.85-19.81 gpm (3,6-4,5 m³/h)
Differential pressure	43.51-87 psi (3-6 bar)

Russia



Shampoo

Plant	Cosmetics
Product	Hygienic twin screw pump
Pump type	2 x Twin 104
Flowrate	2 x 4.40-33.02 gpm (1-7,5 m³/h)
Differential pressure	43.51-87 psi (3-6 bar)



Extract of our

List of References

Finland



Bentonite

Plant	Chemical
Product	Progressing cavity pump
Pump type	30 x KL30S 40.2
Flowrate	30 x 8.81-13.21 gpm (2-3 m³/h)
Differential pressure	43.51-87 psi (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 13.21 gpm (3 m³/h)
Differential pressure	up to 43.51 psi (3 bar)

Spain



Synthetic sponge

Plant	Sponges
Product	Progressing cavity pump
Pump type	2 x KL65S 110.2
Flowrate	37.86 gpm (8,6 m³/h)
Differential pressure	87-116 psi (6-8 bar)



WANGEN AMERICA

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, stable pressure, as well as exactly dosed pumping of even the most difficult mediums.

The new generation of sanitary twin screw pumps: WANGEN Twin NG

Best suited for use with low to highly viscous, volatile, or gas-containing products. CIP and SIP in a single pump. Flowrate up to 881 gpm (200 m³/h), differential pressure up to 435 psi / 30 bar.

Sanitary hopper feed pumps KL-RL

For low-pulsation pumping of shear-sensitive mediums. Flowrate up to 418.17 gpm (95 m³/h), differential pressure up to 696.18 psi / 48 bar.

Sanitary self-priming pumps KL-SL

Excellent dosing properties, large viscosity range, very easy to clean. Flowrate up to 660.43 gpm (150 m³/h), differential pressure up to 696.18 psi / 48 bar.

Standard self-priming pumps KB-S

For the pumping of viscous and abrasive mediums. Flowrate up to 647.25 gpm (147 m³/h), differential pressure up to 696.18 psi / 48 bar.

Standard self-priming pumps KL-S

Flowrate up to 2465.60 gal/min (560 m³/h), differential pressure up to 696.18 psi / 48 bar, viscosity up to 200,000 cP

Standard self-priming pumps KB-S GG

Pumps dispersion adhesives, polymers, and hydrogen peroxide. Flowrate up to 22.01 gpm (5 m³/h), differential pressure up to 232 psi / 16 bar.

Immersion pumps KL-T

For pumping mediums from containers and tanks. Flowrate up to 1541 gpm (525 m³/h), differential pressure up to 174 psi / 12 bar, viscosity up to 200,000 cP



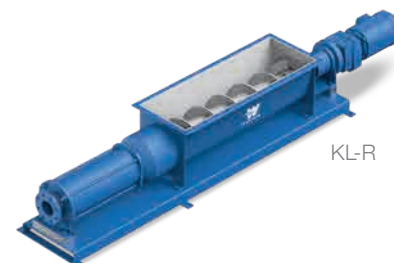
WANGEN AMERICA

Our Solutions

Standard hopper feed pumps KL-R

Ideal for use with non-freely flowing products and/or sludges.

Flowrate up to 660.43 gpm (150 m³/h), differential pressure up to 696.18 psi / 48 bar.



KL-R

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%. Flowrate up to 220.14 gpm (50 m³/h), differential pressure up to 696.18 psi / 48 bar.

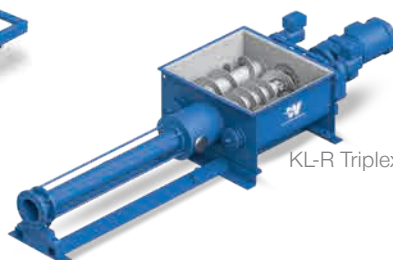
- KL-RÜ – the economic pumping solution for continuous feed of mediums.
- KL-RQ and KL-R Triplex – with large integrated buffer volumes for pumping discontinuous supplies of mediums.
- KL-RS – for pumping e.g. refined sludge. Flowrate up to 660.43 gpm (150 m³/h).



KL-RÜ



KL-RS



KL-R Triplex

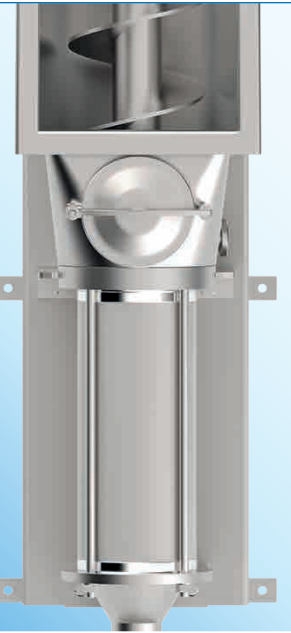


KL-RQ

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 maximize the operational productivity of your plant. Our service team will be happy to assist you.



WANGEN PUMPEN is certified to:

ISO 9001 (Quality management)

ISO 14001 (Environmental management)

ISO 45001 (Occupational safety and health protection)

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