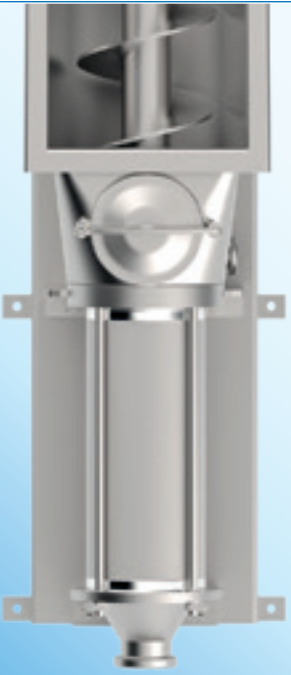




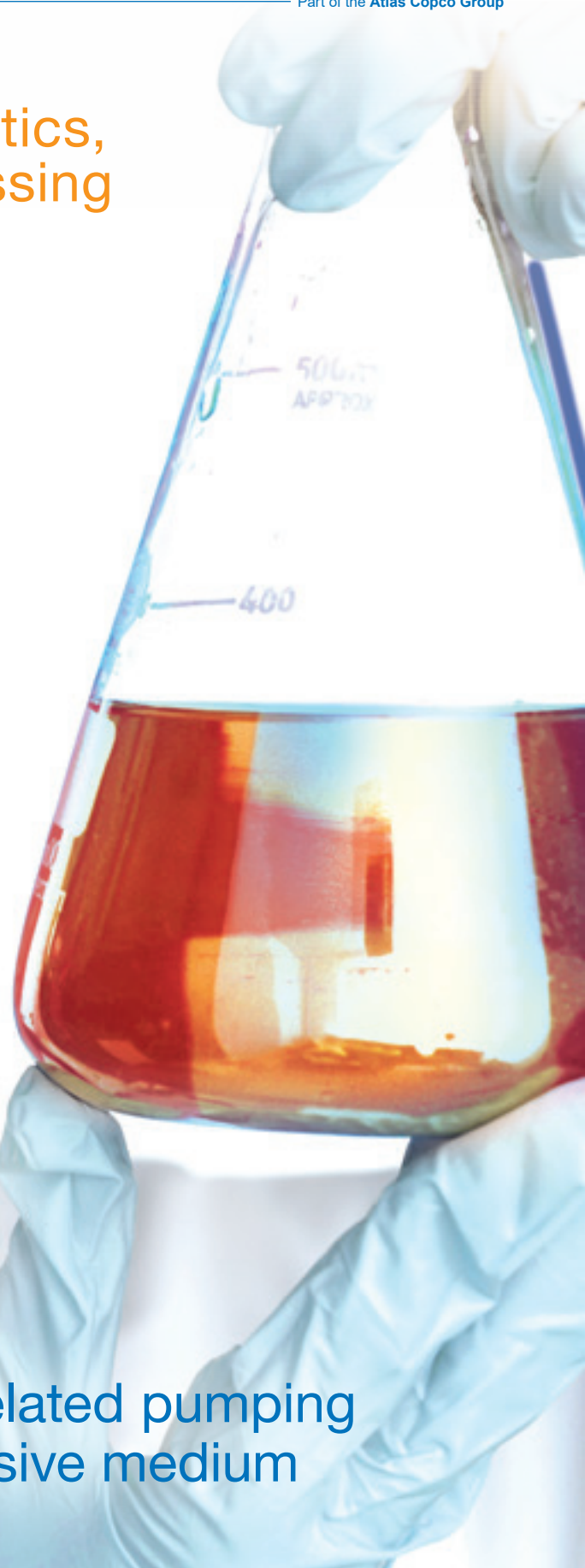
**WANGEN PUMPEN**

Part of the Atlas Copco Group

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



For the process-related pumping  
of viscous or abrasive medium



Who we are

## Why WANGEN PUMPEN?

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Headquarter building in Wangen, Germany

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.



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 250 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.



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

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

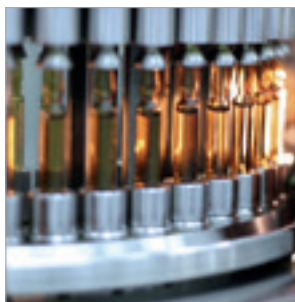


Whether in the cosmetics, the chemical, or the paper industry, this is where the basic advantages of Wangen pumps can be clearly seen. They enable the low-pulsation and pressure stable exact dosing of some very difficult medium, such as polyols, isocyanate, PVC compounds, surfactants, polyurethane adhesives, 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



# 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 200 m<sup>3</sup>/h, differential pressure up to 30 bar.

## Hygienic hopper feed pump KL-RL

For low-pulsation pumping of shear-sensitive media.  
Pumping output up to 95 m<sup>3</sup>/h, differential pressure up to 48 bar.

## Self-priming pump KL-SL

Excellent dosing properties, large viscosity range, very easy to clean. Pumping output up to 150 m<sup>3</sup>/h, differential pressure up to 48 bar.

## Self-priming pumps KL-S

Pumps waste oil and cutting oil as well as paper pulp, amongst other things. Pumping performance up to 560 m<sup>3</sup>/h, differential pressure up to 48 bar.

## Self-priming pumps KB-S GG

Pumps dispersion adhesives, polymers, and hydrogen peroxide.  
Pumping performance up to 5 m<sup>3</sup>/h, differential pressure up to 16 bar.

## Self-priming pump KB22S

Excellent for pumping and dosing of aggressive and non-aggressive media. Pumping performance up to 4.000 l/h, differential pressure up to 16 bar.

## Immersion pumps KL-T

For pumping media from containers and tanks. Pumping performance up to 525 m<sup>3</sup>/h, differential pressure up to 12 bar.

## Hygienic Progressing Cavity Pumps WANGEN MX

For demanding hygienic conveying and dosing.  
Pumping performance up to 100.00 l/h, differential pressure up to 80 bar.



MX-F  
(more versions available)

### Hopper feed pumps KL-R

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

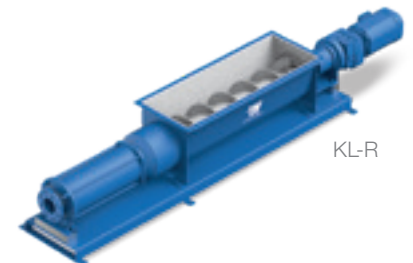
Pumping performance up to 150 m³/h, differential pressure up to 48 bar.

### 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.



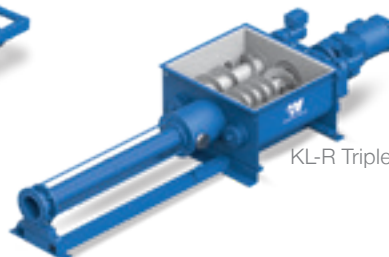
KL-R



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

# List of References

## Germany

### Shampoo



Plant	Cosmetics
Product	Hygienic twin screw pump
Pump type	16 x Twin 104
Flowrate	6 x 3-8 m³/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 m³/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 m³/h
Differential pressure	3-6 bar



## Finland

Bentonite



Plant

Product

Pump type

Flowrate

Differential pressure

Chemical

Progressing cavity pump

30 x KL30S 40.2

30 x 2-3 m³/h

3-6 bar

## USA

SIC in glycol / mineral oil



Plant

Product

Pump type

Flowrate

Differential pressure

Chemical

Progressing cavity pump (immersion pump)

5 x KL30T 60.0

5 x 3 m³/h

up to 3 bar

## Spain

Synthetic sponge



Plant

Product

Pump type

Flowrate

Differential pressure

Sponges manufacture

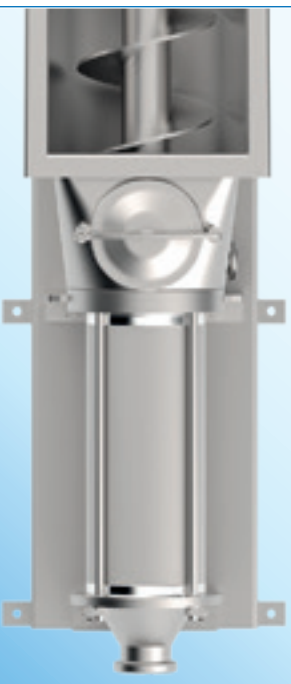
Progressing cavity pump

2 x KL65S 110.2

8,6 m³/h

6-8 bar





**WANGEN PUMPEN is certified to:**

ISO 9001 (Quality management)

ISO 14001 (Environmental management)

ISO 45001 (Occupational safety and health protection)



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