



ZEILFELDER
PUMPEN

Why to choose Zeilfelder



Rotary Lobe/ Gear Pumps

Up to:

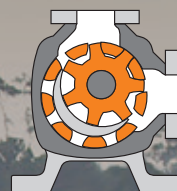
120 bar

450°C

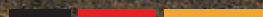
η =**92%**

3,400,000 mPas

API, TA-Luft,
ATEX and TR CU
certifications



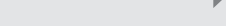
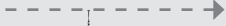
made in Germany



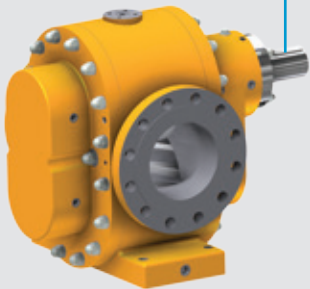
OUR ADVANTAGES

Zeilfelder's diverse high performance pumps are able to serve all your needs and respond to any challenge.

UP TO 120 BAR



1.2 KM WATER COLUMN



DESIGNED FOR*

- Complex and difficult challenges
- Pressures up to 120 bar
- Suction lifts up to 8 m
- Flow rates from 1.5 l/h to 300 m³/h
- Viscosities up to 3,400,000 mPas
- Temperatures from -60°C to 450°C
- Dosing (repeat accuracy > 99%)
- Explosive und toxic substances
- Liquids containing solids (up to 90%)
- Liquids containing shear sensitive materials (for example fruits)
- Polymerizing or coagulating liquids

ADVANTAGES*

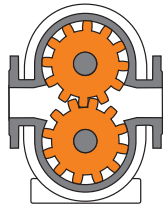
- API, ATEX, TA-Luft and TR CU compliant
- High durability through high-end bearings and special coatings
- Low energy consumption and high efficiency up to $\eta = 92\%$ through tight manufacturing tolerances
- Dry running capability
- Nearly pulsation free pumping at varying viscosities
- Low rotational speed and gentle pumping because of high displacement/revolution
- Completely reversible flow
- Vertical flow
- Low noise level
- No valves required

OPTIONS

- All sealing options: lip seal/packing, single and double mechanical seals and magnetic couplings
- Explosion proof
- Heating jacket (steam, oil or electric)
- Heated sealing area
- Fully ceramic pump
- Special materials for extreme applications

*Depending on the pump type and series

GEAR PUMPS



PRESSURE
UP TO 120 bar

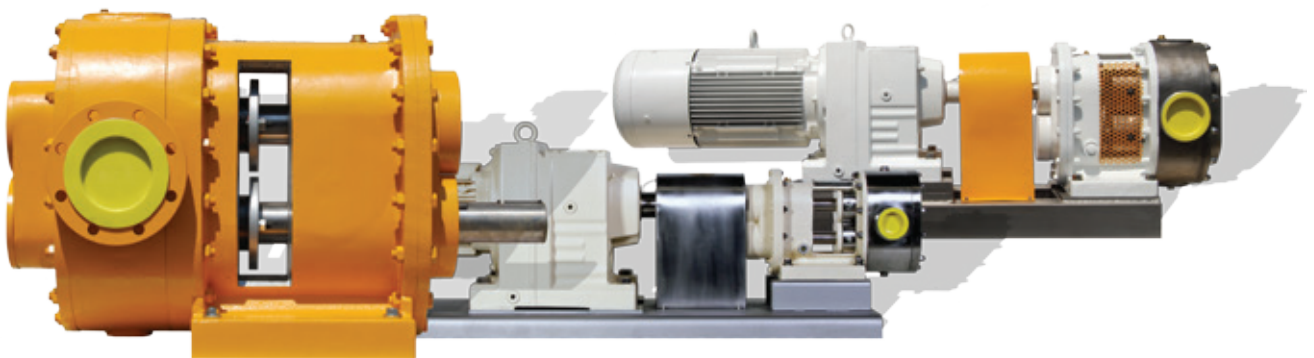
VISCOSITY
UP TO 150,000 mPas

FLOW RATES
UP TO 5000 l/min
(300 m³/h)

SUCTION LIFT
UP TO 6 m

TEMPERATURE
-60 TO 450°C

ROTARY LOBE PUMPS



PRESSURE
UP TO 64 bar

VISCOSITY
UP TO 3,400,000 mPas

FLOW RATES
UP TO 5,000 l/min
(300 m³/h)

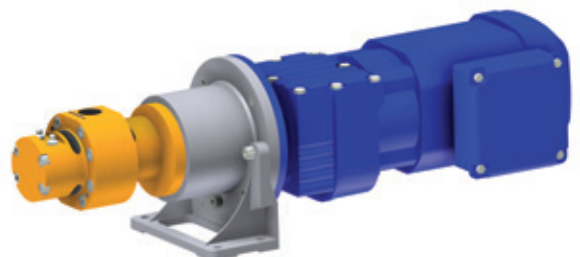
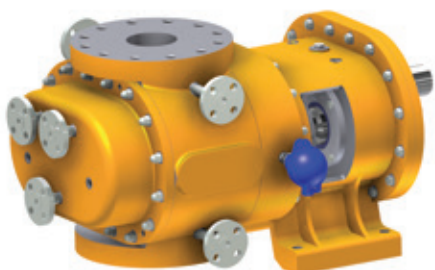
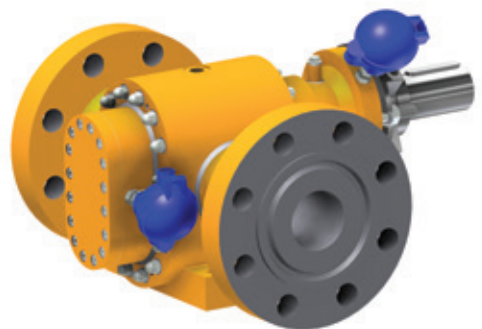
SUCTION LIFT
UP TO 8 m

TEMPERATURE
-60 TO 450°C



CUSTOM SOLUTIONS FOR EXTREME APPLICATIONS

We provide custom solutions for extreme applications and pride ourselves on being able to produce pumps individually designed to solve your specific problem. Our team of engineers is ready to work with you on a design based on your requirements. We have seen almost every application in our 90+ years of business and are positive that we can provide you a custom-built solution.





**ZEILFELDER
PUMPEN**

A BRAND OF
**ASM
DIMATEC**



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ASM DIMATEC reserves the right to make changes at any time without prior notification.

Represented by:

