

# Rotary lobe pumps

## Mobile pump station PS



Open lagoon



Closed lagoon



Slalom system



Tank with foil roof



Tank with concrete ceiling



Open tank



Steel tank

### Features

- Feed pipe DN200
- Base frame with three-point mounting
- Side swivel mechanism (manual)
- Hydraulic height adjustment with hydraulic cylinder
- Base frame lighting
- Three-way valve for pumping over or filling from below
- Suction connector DN200
- Rotary lobe pump

### Accessories

- Various cardan shafts
- Stone trap box
- Crusher



Illustration: PS DN200 basic version



Illustration: PS DN200 SZ with stone trap box and crusher

Franz Eisele u. Söhne GmbH & Co. KG  
Hauptstraße 2 - 4 · 72488 Sigmaringen · Germany

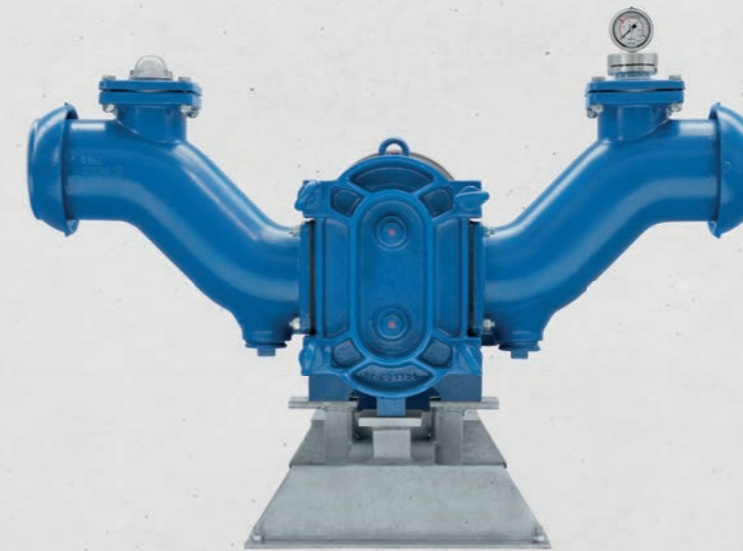
[WWW.EISELE.DE](http://WWW.EISELE.DE)

WA10101



**EISELE**

Knowledge in motion



## Rotary lobe pumps DK

The self-priming Eisele rotary lobe pumps from the DK series are available with power-take-off shafts or electric drives. Available are four models with a performance of up to 6,000 l/min and an operating pressure of up to 10 bar. Extensive accessories expand the wide range of applications.

The mobile pump stations of the PS series are fitted with the practice-proven PTO-drive rotary lobe pumps DK 620V. This means drums can be quickly and flexibly filled from above.



7.5 kW to 63.0 kW



600 l / min - 6,000 l / min

### Benefits

- Rotating direction can be reversed
- Easy rotary lobe replacement
- Leakage chamber between gear and pump compartment (DK 320V / DK 620V).
- Constant pumping performance even with viscous media
- Enormous suction and pressure power
- Low maintenance



Agriculture



Biogas

## Features

- Wearing plates on the front face in the pump housing and cover
- Suction and pressure side with outlet nozzle flange
- Suction and pressure side with male connector connecting piece
- Pressure gauge on pressure side
- Sight glass on suction side
- 2" drain opening in pipe elbow

## Accessories

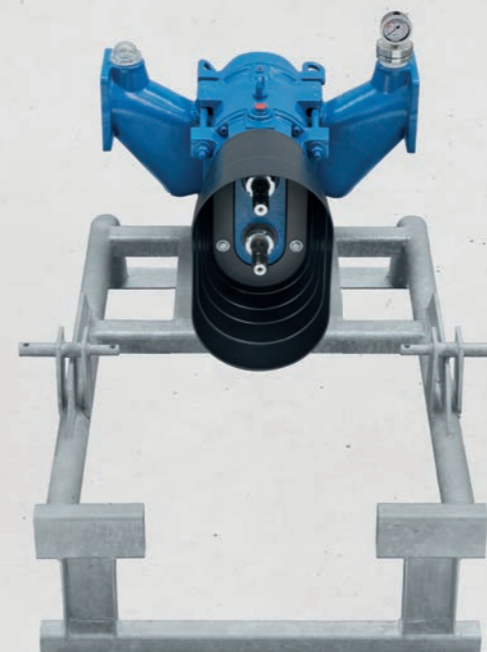
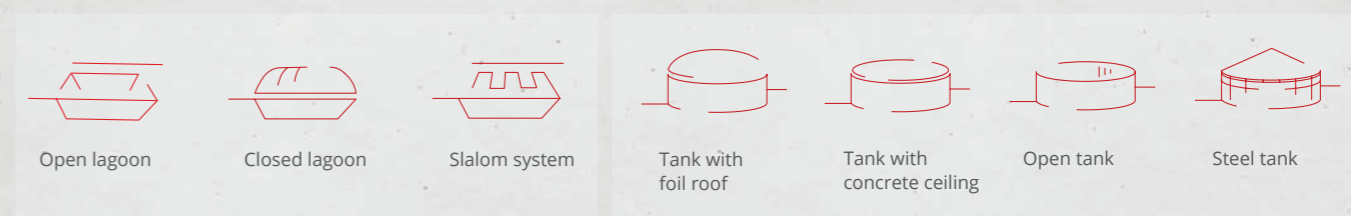
- Various cardan shafts
- Stone trap box
- Crusher
- Pump frame for rear hydraulics
- Base frame

## Technical Data

Type	Power	Speed	Max pressure p	Max delivery volume Q	Suction/pressure connection ø
<b>DRIVE ELECTRIC DK</b>	<b>kW</b>	<b>rpm</b>	<b>bar</b>	<b>L / min</b>	<b>mm</b>
12V - 1040	7.5	273	4.0	600	133
12V - 1540	11.0	237	7.0	475	133
12V - 2040	15.0	318	7.0	650	133
12V - 2540	18.5	320	10.0	600	133
22V - 1040	7.5	273	2.0	1,100	159
22V - 1540	11.0	237	3.5	1,000	159
22V - 2040	15.0	318	4.0	1,300	159
22V - 2540	18.5	320	5.0	1,200	159
320V - 2540	18.5	265	2.0	1,950	159
320V - 3040	22.0	320	2.5	2,350	159
620V - 4040	30.0	450	1.5	5,200	200
<b>DRIVE POWER-TAKE-OFF SHAFT TRACTOR DRIVE DK</b>					
12V	30		10.0	1,500	133
22V	30		5.0	2,500	159
320V	55		5.0	4,000	159
620V	63		4.0	6,000	200

Performance data are related to water. Specifications and illustrations are non-binding.

## Rotary lobe pumps DK



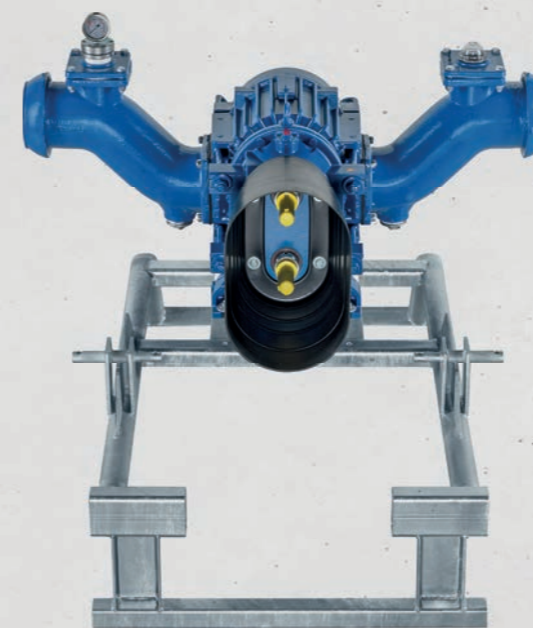
**DK 12V**

Illustration with pump frame for rear hydraulics with PTO shaft drive



**DK 22V**

Illustration with base frame and electric drive



**DK 320V**

Illustration with pump frame for rear hydraulics with PTO shaft drive



**DK 620V**

Illustration with pump frame for rear hydraulics with PTO shaft drive