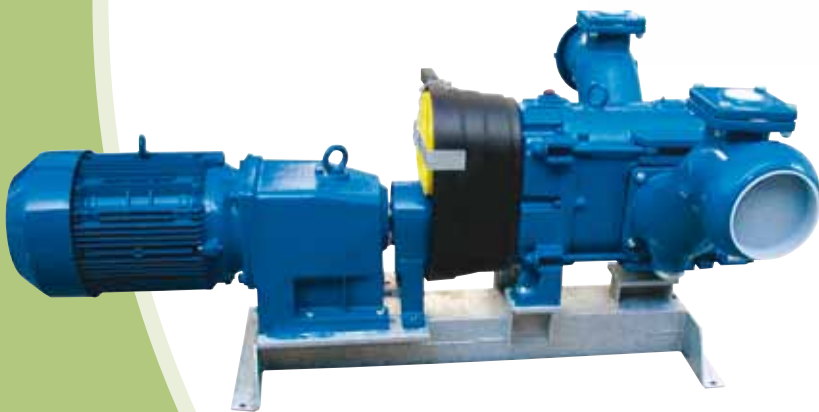




Rotary lobe pumps DK

The program for industry and agriculture



Quality wins through!

EISELE-rotary lobe pumps have been constructed since 1983 and have proved themselves in agriculture and industry. A continuous further development guarantees a high technical standard.



Convincing advantages:

- Self-priming
- Highly efficient
- Superior performance
- Robust
- Reliable
- High pressure build-up
- Constant capacity even with thick fluids
- Large bore pipe work eliminates blockages
- An immense suction and delivery performance
- Smooth running
- Less vibrations
- Reverse of the flow direction by changing the sense of rotation at the second PTO stump and therefore an easy removing of foreign objects
- Various drives
- An easy unscrewing of the ring nuts enables an immediate entry into the pump housing
- One-sided bearing
- A clamping sleeve enables an easy and quick change of rotary lobes, nevertheless a firm stability of the rotary lobe on the drive shaft
- No total dismantling of the pump necessary when the lobes must be changed
- Easy to maintain
- Robust sealing by mechanical seal (oil bath lubricated)
- Changeable wear plates
- A special rotary lobe enables pumping of liquids up to 85°, special lobes for aggressiv fluids
- Extensive accessories

DK 12V with three-phase motor



- With front side-wear plates in the pump housing and cover
- Suction and delivery side with flanged discharge pieces
- Respectively suction and delivery side male connector \varnothing 133 mm
- Pressure gauge delivery side
- Sight glass suction side
- Galvanized base frame
- Three-phase motor 400V with terminal boxes

DK 22V with three-phase motor



- With front side-wear plates in the pump housing and cover
- Suction- and delivery side with mounted flange bend and male piece \varnothing 159 mm
- Pressure gauge delivery side
- Sight glass suction side
- Galvanized base frame
- Three-phase motor 400V with terminal boxes

DK 32V with three-phase motor



- With front side-wear plates in the pump housing and cover
- Suction- and delivery side with mounted flange bend and male piece \varnothing 159 mm
- Pressure gauge delivery side
- Sight glass suction side
- Galvanized base frame
- Three-phase motor 400V with terminal boxes

DK 12V



- With front side-wear plates in the pump housing and cover
- Suction and delivery side with flanged discharge pieces
- Respectively suction and delivery side male connector Ø 133 mm
- Pressure gauge delivery side
- Sight glass suction side
- On pump frame for tractor hydraulic lift cat. I-II-III
- 2" discharge hole in the flange bend

DK 22V



- With front side-wear plates in the pump housing and cover
- Suction- and delivery side with mounted flange bend and male piece Ø 159 mm
- Pressure gauge delivery side
- Sight glass suction side
- On pump frame for tractor hydraulic lift cat. I-II-III
- 2" discharge hole in the flange bend

Change of the rotary lobe



DK 32V



- With front side-wear plates in the pump housing and cover
- Suction- and delivery side with mounted flange bend and male piece Ø 159 mm
- Pressure gauge delivery side
- Sight glass suction side
- On pump frame for tractor hydraulic lift cat. I-II-III
- 2" discharge hole in the flange bend

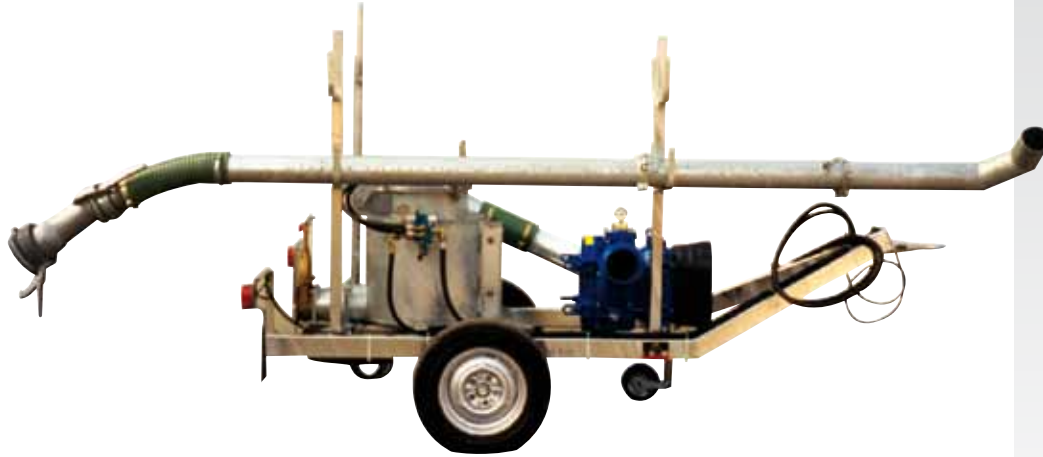
DK 62V



- With front side-wear plates in the pump housing and cover
- Suction- and delivery side with mounted flange bend and male piece Ø 216 mm
- Pressure gauge delivery side
- Sight glass suction side
- On pump frame for tractor hydraulic lift cat. I-II-III
- 2" discharge hole in the flange bend
- With counter bearing



DK 32V Pump equipment with rotary lobe pump



- Pump equipment with rotary lobe pump DK 32V with superposed Rota-Cut 5000 with hydraulic motor, cyclone separator incl. hydraulic hoses
- With front side-wear plates in the pump housing and cover
- Suction side Perrot male piece Ø 159 mm
- Delivery side Perrot male piece Ø 159 mm
- Discharge by means of a gate valve
- Pressure gauge delivery side
- Sight glass suction side
- Attachment for suction pipes or extension hoses
- Mounted on mobile carriage with rear direction and brake lights, without brake
- Allowed for 25 km/h according to German safety standards authority

Accessories (optional): *

- Hydraulic-reversing valve hand-operated
- PTO shaft
- Tanker filler pipe (project-related)
- Suction pipe (project-related)

* Further accessories on request

DK 62V Pump equipment with rotary lobe pump



- Pump equipment with rotary lobe pump DK 62V with superposed Rota-Cut 10000 with hydraulic motor, cyclone separator incl. hydraulic hoses
- With front side-wear plates in the pump housing and cover
- Suction and delivery side with flange 8"
 - Discharge by means of a gate valve 8" with lever
 - Tanker filler pipe DN 150 pivotable and mounted hydraulically adjustable (height approx. 3,5 m, working radius 3,00m)
 - Attachment for suction pipe or extension hoses
- Mounted on mobile carriage with rear direction and brake lights, without brake
- Allowed for 25 km/h according to German safety standards authority

Accessories (optional): *

- Drain cock 2"
- Gate valve 8"
- Hydraulic equipment for Rota-Cut 10000
- PTO shaft
- Suction pipe

* Further accessories on request

Pump type	l/min. / m ³ /h	Max. working pressure bar	Power consumption kW	Ø Suction/ pressure connection mm
DK 12V	1500 / 90	10	30	133
DK 22V	2500 / 150	5	30	159
DK 32V	4000 / 240	5	55	159
DK 62V	6000 / 360	4	63	216

Tractor drive with 540 RPM

Technical data / Rotary lobe pumps with electro drive

Pump type	kW / HP	l/min. / m ³ /h	Max. working pressure bar	RPM	Ø Suction/ pressure connection mm
DK 12V - 1040	7,5 / 10,0	600 / 36	4	265	133
DK 12V - 1540	11,0 / 15,0	475 / 27,5	7	235	133
DK 12V - 2040	15,0 / 20,0	650 / 39	7	316	133
DK 12V - 2540	18,5 / 25,0	600 / 36	10	316	133
DK 22V - 1040	7,5 / 10,0	1100 / 66	2	265	159
DK 22V - 1540	11,0 / 15,0	1075 / 64,5	3,5	235	159
DK 22V - 2040	15,0 / 20,0	1300 / 78	4	316	159
DK 22V - 2540	18,5 / 25,0	1200 / 72	5	316	159
DK 32V - 2540	18,5 / 25,0	1950 / 117	2	261	159
DK 32V - 3040	22,0 / 30,0	2350 / 141	2,5	317	159

Other types of performance on demand

Eisele

Contractor and Sewage Pumps BS/BSD/BSG

Vertical Pumps VM/VG

Submersible Mixers GTWS

Slurry Spreaders

Tankers

P.T.O. Mixers ZP

Sewage Pumps VAG

Lobe Pumps DK

Submersible Pumps AT

Biogas Components



Other products manufactured by our company:

- Mobile pumps VPF and GTF / DT (with submersible motor)
- Compact pump units VKM / VKG / VZM
- Vertical slurry pumps VRM / VRG
- Slurry mixer Q • Hydraulic mixer HP
- Paddel mixer PRW
- Mixer ZQU / ZQUE for ring channel system
- Liquid manure pumps F / FS / HS
- Accessories for silo- and pump installations
- Computers for slurry flow control
- Components for biogas plants
- Equipment for sewage plants • Silos

Franz Eisele u. Söhne GmbH u. Co.KG
Pumpen- und Maschinenfabrik
Hauptstraße 2-4 • D-72488 Sigmaringen-Laiz
Telefon +49(0)7571 / 109-0 • Fax +49(0)7571 / 109-88
info@eisele.de • www.eisele.de

The company reserves the right to make technical alterations