

Vertical pumps

Vertical compact system VK



Open lagoon



Closed lagoon



Slalom system



Tank with foil roof



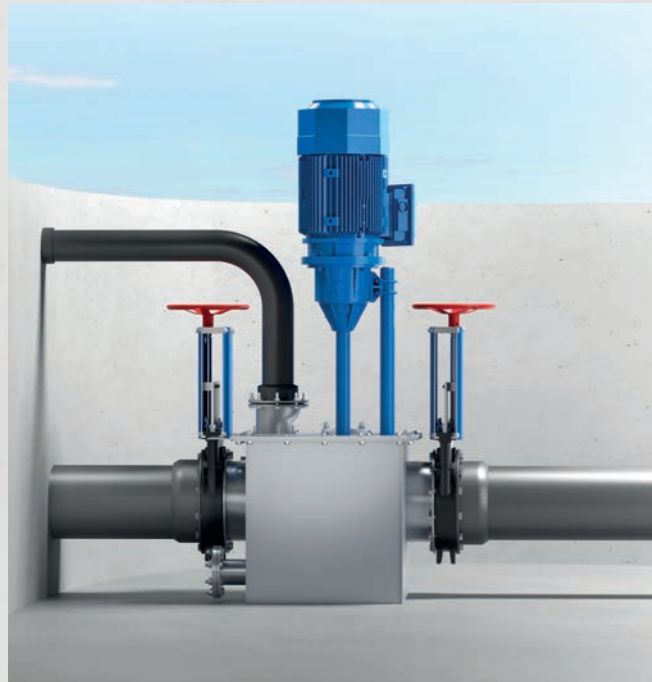
Tank with concrete ceiling



Open tank



Steel tank



Features

- Stainless steel trough with up to four connectors (DN300)
- Blind flange for vent pipe
- Outlet nozzle with flange \varnothing 150 mm for continuation of the pressure line

Accessories

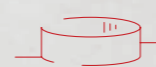
- Various shut-off gate valves

Illustration: Vertical compact system VK with vertical pump

Lifting frame with Euro mounting



Tank with concrete ceiling



Open tank

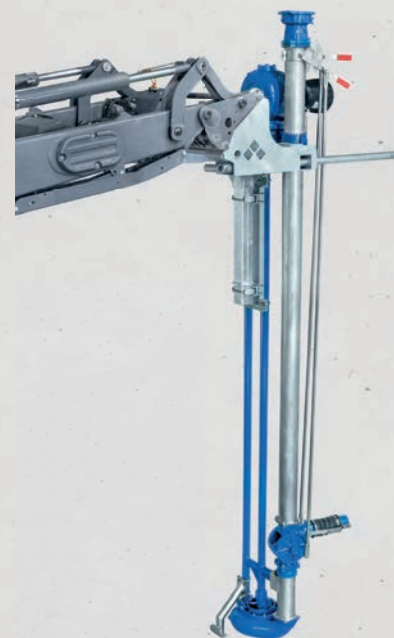


Steel tank

Features

- Various attachment kits depending on pump type (V41 / V42)
- Fully hot-dip galvanised
- Integrated support feet and pump foot

Illustration: Lifting frame with Euro mounting with vertical pump



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EISELE

Knowledge in motion



Vertical pumps VM / VG / VK

Eisele vertical pumps VM / VG master the most difficult tasks with ease and stand out for top reliability. They agitate and deliver up to 10,000 l per minute. They are available in overall lengths of 1.50 m to 5.50 m.

The vertical compact system VK can be designed as a distributor pumping station with up to four connection nozzles (DN 300) and overall lengths of 0.60 m to 2.50 m. The compact lifting frame with Euro mounting enables easy re-positioning of the V pumps (up to an overall length of 4.0 m) into open tanks or tanks with concrete ceiling.



11.0 kW to 55.0 kW



3,900 l / min - 10,000 l / min

Benefits

- Overloadable motors manufactured by Eisele
- Pipeline components, rods and protective pipe (V42) in stainless steel as a standard
- Protective frame (V41) optionally in stainless steel
- Easy operation
- Safe dry running (extremely wear-resistant mechanical seal runs in oil bath)
- Corrosion-resistant, reliable mixing nozzle



Agriculture



Biogas

Vertical pumps VM / VG

Variants

- With top or bottom intake (V41 / V42)
- With motor (VM) / transmission (VG) or combination
- With underground connection (VMU / VGU)
- As vertical compact system VKM / VKG
- Optional IE4 motor with frequency converter

Features

- Different auger blades depending on power
- Solid, cast-iron pump housing
- Stainless steel pipeline components, rods and protective pipe (V42)
- Protective frame V41 in painted steel or stainless steel
- Extremely wear-resistant mechanical seal

Accessories

- Additional cutting knives on auger blades for extremely long-fibred foreign matter
- Second mixing nozzle
- Various switches / control systems
- Lever assembly for reverse operation
- Filling level and oil reserve tank
- Shut-off gate valves and three-way / five-way valves
- Connector for drum filling pipe / drum filling station



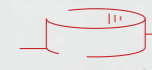
Open lagoon



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Tank with concrete ceiling



Open tank



Steel tank



VGU 41



VG 41



VG 42



VMU 41



VM 41



VM 42

Technical Data

Type	Max pumping head	Max delivery volume	Rated power		Rated speed	Rated current
	m	L / min	kW	hp	rpm	A
DRIVE ELECTRIC VM / VKM						
1541 / 42	16	3,900	11.0	15	1,460	21.2
2041 / 42	17	4,300	15.0	20	1,460	28.9
2541 / 42	21	5,400	18.5	25	1,460	34.1
3041 / 42	24	6,000	22.0	30	1,460	39.5
4041 / 42	28	6,000	30.0	40	1,460	55.5
DRIVE POWER-TAKE-OFF SHAFT TRACTOR DRIVE VG / VKG						
	m	L / min	kW	hp		
1541 / 42	25	6,100	24.0	33		
2041 / 42	27	6,500	33.0	45		
2541 / 42	42	8,500	45.0	61		
3041 / 42	47	10,000	55.0	75		