

# 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

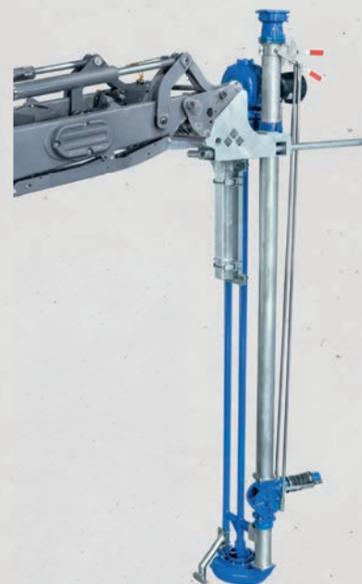


Steel tank

### 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



Slalom system



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
<b>DRIVE ELECTRIC VM / VKM</b>						
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
<b>DRIVE POWER-TAKE-OFF SHAFT TRACTOR DRIVE VG / VKG</b>						
	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		