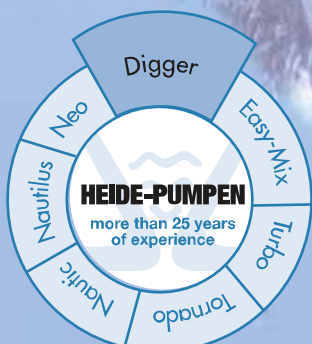




DIGGER

The submersible pump for heavy duty

- suspension and sand mixtures -



SPECIFICATIONS

Power		1,5 - 3,7 kW	
Liquid	Liquid temp.	0 - 40 °C	
	Liquid nature	suspension, waste water and sand up to 11 mm, building- and tunnel-construction, mining, industry, community, Solidsparts 10/15%	
	max depth	30 m	
Pump Structure	Impeller	F-vortex	
	Mech seal	Double mechanical seal, add. Lipseal	
Material	Casing	cast iron - FC 200	
	Impeller	HCR	
	Cutter	Cutter hardened GGG	
	M. seal	SIC/SIC	
Motor	Type	Motor IP 68 for wet installation	
	HEIDE-guard-System	Automatic reset motor protector	
	Material	Housing	1.4301 stainless steel
		Shaft	1.4301 stainless steel
Cable		H07 RN-F (20 m)	

The upstream agitator swirls the suspension and offers trouble-free travel.

The HEIDE guard system which is integrated in the pump head protects against overheating, in case rotor blocking, uneven phases, voltage fluctuation and against single-phase running at three-phased motors.

Caution! The electrical installations must conform to national and local regulations.

Additional options: wear-resistant impeller, control systems, pipes, accessories and hoses

Contents of delivery: pump with bare cable end (20m H07RN-F)

Please consider our general business conditions.

ALL PUMPS AVAILABLE IN RENTAL FLEET.

The data given, must not be considered binding, Heide-Pumpen reserves the right to alter and improve the products at any time, without prior warning.

Application range

- Dewatering of excavations
- drainage systems
- drain cavities, shafts and containers
- Tunnel dewatering

Accessories

- Protection plug
- Automatic control panel
- Lifting ropes / chains
- Hoses and pipes

HEIDE-PUMPEN

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DIGGER



The submersible pump for heavy duties.
- suspension and sand mixtures -

Application range

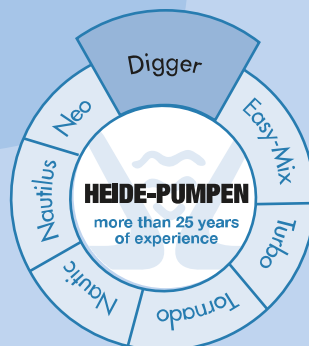
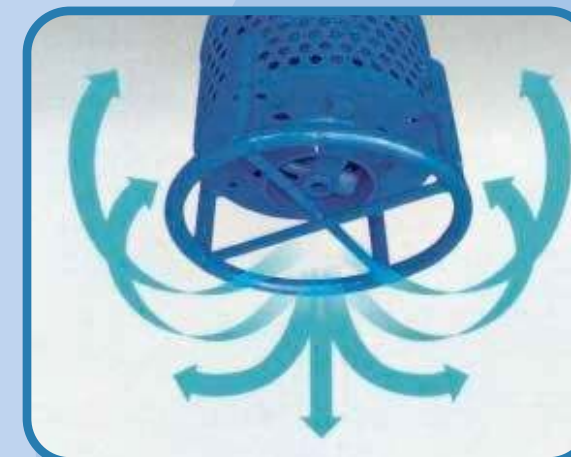
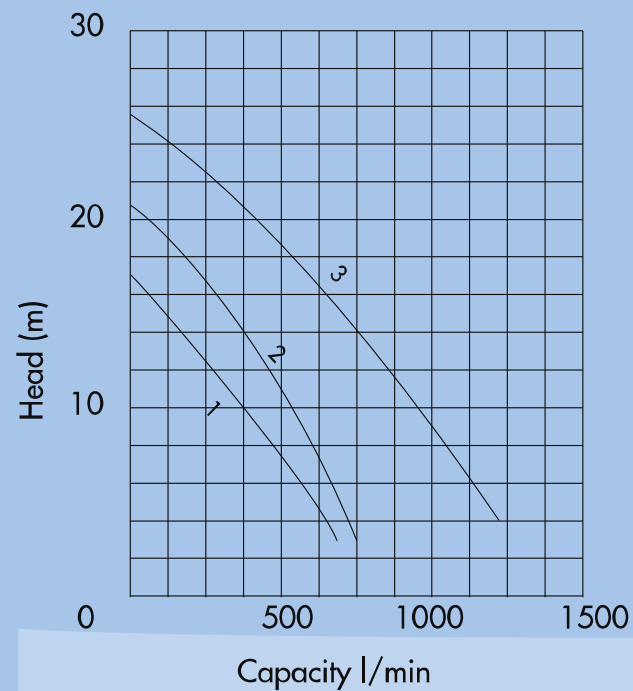
Tunnel construction, building industry, mining, industry and community

Design features

Wear-resistant vortex impeller (HCR)
double mechanical seal in silicon carbide

Equipped with a mechanical agitator for a powerful and trouble-free extraction.

Double outer casing allows the pump to run to low water level.
A level control system is also available, if water flow is variable.



View of agitator



Specifications

Type	Pos	Power (kW)	Current (A)	Discharge (mm)	Speed (1/min)	Head, m (opt. / max.)	Capacity (l/min) (opt. / max.)	Dimensions (ø mm)	Height (mm)	Weight (kg)	solids max. (mm)	Length of cable (m)
2	1	1,5	3,4	80	2900	9 / 17	400 / 700	255	602	42	11	20
3	2	2,2	4,9	80	2900	12 / 21	450 / 800	255	602	44	11	20
5	3	3,7	8,4	80	2900	16 / 25	600 / 1400	255	647	48	11	20