



Use

in Construction - Industry - Municipal sector

- Floods
- Municipal technology
- Sewer renovations
- Wastewater pumping
- Mine water extraction
- Pulp extraction
- Sewage sludge extraction
- Pumping measures

Assembly group	Parameters	Unit	Value	
Aggregate	EU emission level		V	
	Tank volume	l	370	
	Consumption 100 / 50% load	Diesel	l/h	8,2/4,5
	Sound power level	LWA	dB	92
	Calculated sound pressure level 7/10 m	LPA	dB	65/62

Water pump	Volume flow	V_{max}	m ³ /h	600
	Funding level	H_{max}	m WS	30
	Connection	DN _s / DN _D	mm	2 x 159 V / 1 x 159
	Grain size max.	∅	mm	115

Vacuum pump	Volume flow	\dot{V}	m ³ /h	58
	Vacuum	P_U	cash	-0,92
	Speed	n	1/min	1500

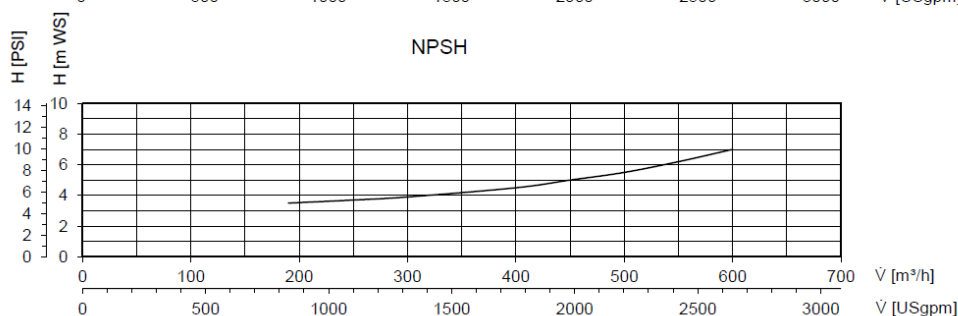
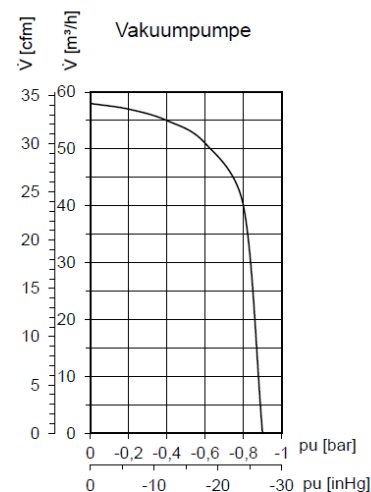
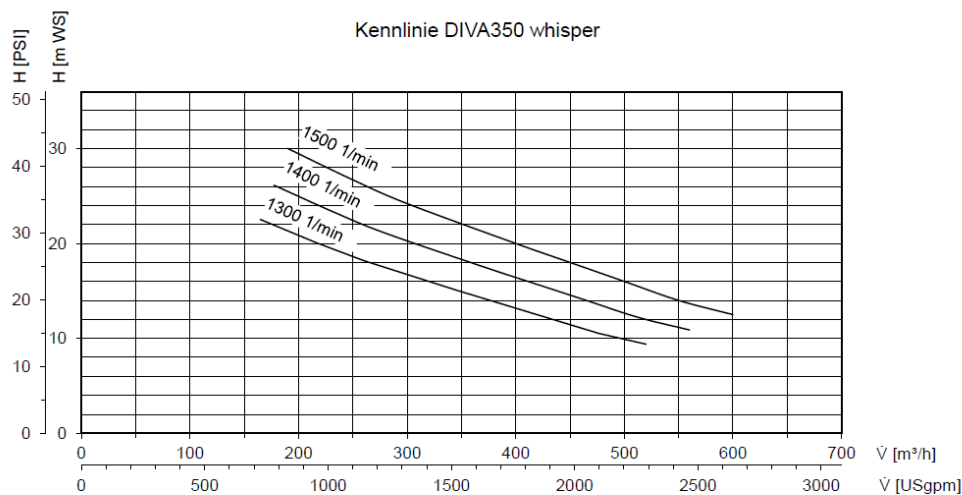
Motor	Manufacturer			Hatz
	Type			4H50TICD
	Performance	P	kW	31
	Speed	n	1/min	1500

Dimensions	Length x width x height	l x w x h	mm	3118 x 1240 x 1886 ¹⁾
Weight	calculated	m	kg	2280 ²⁾

¹⁾ Without chassis and connections

²⁾ Without chassis

Characteristic curves



Functional principle

The waste water pump and vacuum generator driven by a diesel engine ensure continuous pumping of the medium. The galvanized air separation tank upstream of the water pump separates any air from the water so that the pump only pumps the liquid medium.

This combined system achieves safe, fast suction and a high vacuum.

Equipment



Air separator

The air separator tank is made of hot-dip galvanized sheet steel as standard and is therefore optimally protected against corrosion. It has large side-opening swing doors for easy cleaning.



Screw Impeller Pump

Low-wear, robust screw centrifugal pump with the best possible efficiency for long-fiber materials in wastewater. It is insensitive to clogging. Grain passage: 115 mm



HC multi-control

The HC multi-controller with integrated and freely configurable inputs and outputs is extremely flexible and saves on additional I/O modules. Programmability makes it interesting for numerous applications.



Oil-Free Vacuum Pump

The dry-running and oil-free rotary vane vacuum pumps from Hüdig offer numerous advantages. They are robust, low-maintenance and environmentally friendly. Attention: No oil required. This results in lower operating costs and there is no risk of oil contamination. This pump is low-maintenance, durable, reliable and quiet. In combination with the noise-reduced housing, it is an ideal solution for use in a noise-sensitive environment.