



Elements	Parameter	Unit	Value
			HC 522
			16 17
	Fuel capacity	l	226 511
	Consumption 100 / 50% load	Diesel l/h	1,85/1,04
	Sound power level	LWA dB	92
	Sound pressure 7/10 m	LPA dB	56/54

Water Pump	Flow	V_{max}	m ³ /h	92
	Head	H_{max}	m WS	15
	Connection	DN _S / DN _D	mm	108
	Solid size max.	∅	mm	45

Vacuum Pump	Flow	\dot{V}	m ³ /h	78
	Vacuum	p_u	bar	-0,90
	RPM	n	1/min	1800

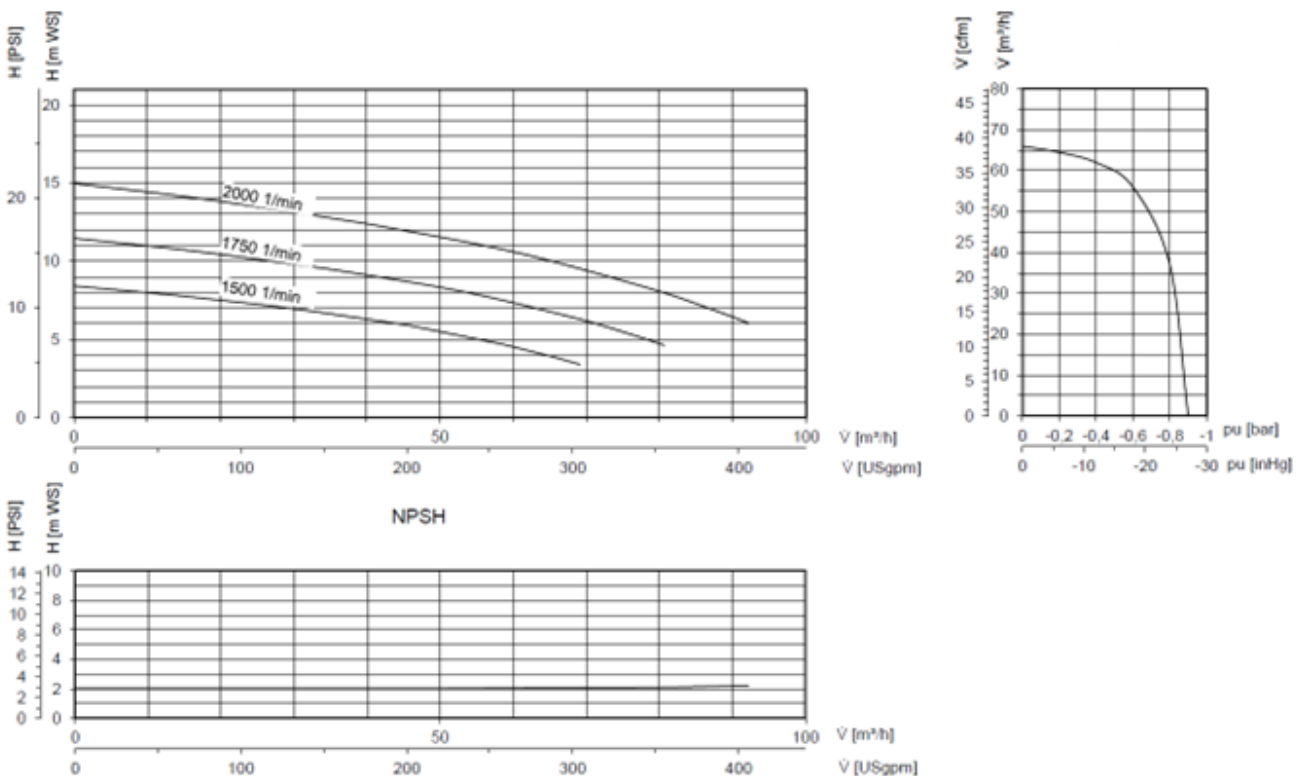
Engine	Producer			Hatz
	Type			1D90 E
	Power	P	kW	8
	RPM	n	1/min	2000
Dimensions	Length x width	l x w	mm	1550 x 1250
	Height	h	mm	1450 1700
Weight		m	kg	1052 1288

Application

Construction Industry - General Industry – Municipalities

- Conveying of ground water and sewage
- Wellpoint dewatering
- Sock dewatering

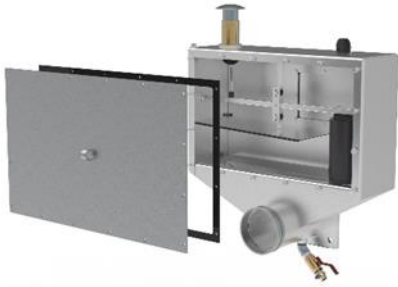
Performance Chart



Function

Small, quiet and economical – the efficient all-rounder HC 522 (4") allows the user to operate over 50 wellpoints simultaneously, with an average consumption of less than 1.0 l/h of diesel. With a tank volume of up to 511 l, the vacuum-assisted unit can run for up to 3 weeks without refilling.

Features



Air Separator

The air separator tank is made of hot-dip galvanised sheet steel as standard and is therefore optimally protected against corrosion.



Water Pump

If a filter jacket is defective or open dewatering is in operation, this is no problem for HÜDIG diesel vacuum units. The use of self-priming waste water pumps prevents premature failure due to the pumping of sand-laden water. An absolute advantage!



HC-Multi-Controller

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



Vacuum Pump

The dry-running and oil-free rotary vane vacuum pumps from Hüdиг offer numerous advantages. They are robust, low-maintenance and environmentally friendly, as no oil is required. This results in lower operating costs and there is no risk of oil contamination. These pumps are reliable, durable and operate quietly.