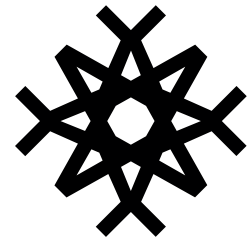


WATER-POWERED DRILLING

TECHNICAL SPECIFICATION: WASP200D WASSARA HIGH-PRESSURE WATER PUMP



Wassara



The picture doesn't show the current pump version

The Wassara range of high pressure pumps has been the result of more than 20 years of pioneering experience within water hammer drilling.

The **WASP200D** from this range is an optimal pump for all types of drilling, ranging from deep holes to casing-advancement, anchoring, piling, exploration, water wells, geothermal, production blast holes, etc. It offers excellent uptime and requires minimal service while being outstandingly mobile and operating at low noise levels.

The pump is designed for use with Wassara Hammers 4" – 8" (W100, W120, W150 and W200) for hole diameters between 115 mm (4 ½") – 254 mm (10") in hard formations and up to 323.9 mm (12 ¾") for casing-advancement applications.

FEATURES

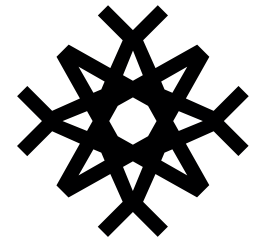
- 4-speed gearbox allowing for a wide range of flow and up to 50% lower fuel consumption compared to conventional by-pass tank designs
- Smart Flush function to clean borehole
- Several valves for easy draining against freezing

ADVANTAGES

- Heavy-duty, reliable design
- Requires minimal maintenance
- Low fuel consumption
- Large, adjustable flow span
- Small size and emission footprint
- Versatile and mobile
- Low noise emission

WATER-POWERED DRILLING

TECHNICAL SPECIFICATION: WASP200D WASSARA HIGH-PRESSURE WATER PUMP

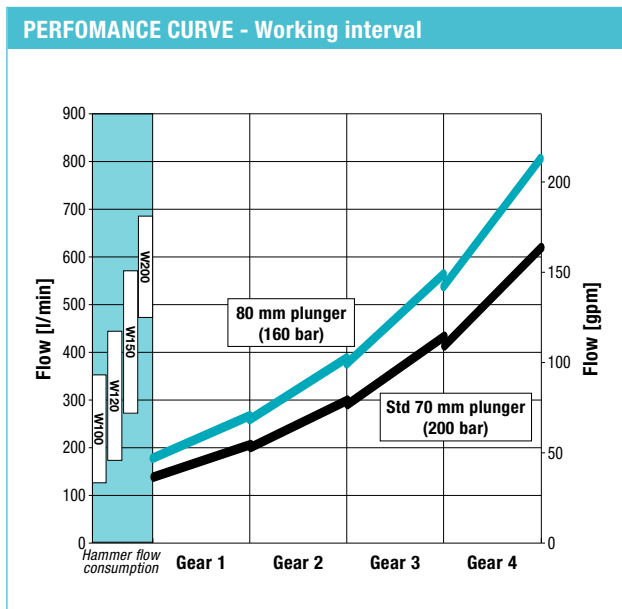


Wassara

TECHNICAL SPECIFICATIONS - WASP200D	
Water pump	Kamat K 25000 MC series
Diesel engine	VOLVO TAD 1371 VE - 275 kW
Emission class	Complies with EU Stage IV/EPA or TIER 4f
Fuel tank	400 lit (105 USgallons) (~8 h @ full power)
Dry weight	6 500 kg (14 330 lbs)
Water connections	<i>Outgoing High-pressure: M52x 2 DKO</i> <i>Incoming: A-Storz coupling (4")</i> <i>Discharge: C-Storz coupling (2½")</i>

STANDARD EQUIPMENT
• Pneumatic 3/2 pressure regulator
• Manual 4-level gear box
• Suction stabilizator
• 50 µm stainless steel water filter
• Sound-proof canopy
• Built-in oil basket in base frame
• Lifting eyes and fork lift slots
• High pressure safety valve

OPTIONAL EQUIPMENT
• Cable remote control
• 2 x 50 m cable
• Wireless remote control
• W200 conversion kit (806 l/m @ 160 bar)
• Electric heater



GEAR	Standard 70 mm plunger	
	ENGINE rpm	
	1200	1800
GEAR	FLOW l/min (gpm)	
1	136 (36)	204 (54)
2	198 (52)	297 (79)
3	288 (76)	431 (114)
4	411 (109)	617 (163)
	max 200 bar (2 900 psi)	

GEAR	75 mm plunger	
	ENGINE rpm	
	1200	1800
GEAR	FLOW l/min (gpm)	
1	178 (47)	267 (71)
2	259 (68)	388 (103)
3	376 (99)	564 (149)
4	538 (142)	806 (213)
	max 160 bar (2 320 psi)	

