

Diesel driven high pressure pump units

75 series

- Types
- Aquajet® 75 up to 3000 bar
 - S 1600 - 75 up to 1450 bar
 - S 1100 - 75 up to 1150 bar



„S Class“ and „Aquajet“ units can be built into 20 / 25 ft. sound damped containers, sound damped aluminium truck bodies or trailer containers (BDF).



The following data table shows just a few examples from the wide range of performances combinations.

All „S Class“ and „Aquajet“ units are complete with :

- Rigid base frame with anti vibration mounting feet
- Caterpillar engine in accordance with EPA/EC II
- Insulated spiral silencer installation (32 dB(A) reduction) with exhaust and rain cap
- ES 2 electronic control and monitoring system with digital display for pump and diesel engine
- Pneumatic system with shaft driven compressor, air tank and bypass control
- Pneumatic pressure regulating valve or bypass valve
- Bypass water overflow line
- Burst disc safety device
- Stainless steel boost pump
- Twin stainless steel filter installation („S Class“ 200 µ & 10 µ, „Aquajet“ 1 µ)

Unit Type	Pump Type	Op. pressure [bar]	Flow rate [l/min] *	Power rating [kW]
Aquajet®75	HDP 754	3000	128	750
	HDP 754	1900	203	
S 1600 - 75	HDP 753	1450	268	
S 1100 - 75	HDP 752	1150	342	

*At pressures over 2000 bar approx. 5% of the flow rate is lost due to the compressibility factor of water

- Rod force: 200 kN
- Stroke: 100 mm
- Mean piston speed at n₂
315 r.p.m. = 1,06 m/sec
380 r.p.m. = 1,27 m/sec
465 r.p.m. = 1,54 m/sec

There is a range of optional extras available which includes pump head lifting device, heating systems, water tanks and fuel tanks.

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