

Diesel driven high pressure pump units

75 series

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



„S Class“ and „Aquajet“ units can be built into 20 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
- Choice of Caterpillar or Deutz 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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