

# Diesel driven high pressure pump units 25 series

- Types
- Aquajet® 25 up to 43,500 psig
  - S 1600 - 25 up to 23,900 psig
  - S 1100 - 25 up to 16,700 psig



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



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

- Rigid base frame with anti vibration mounting feet
- Caterpillar diesel engine in accordance with EPA/EC III
- 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
- Stainless steel filter installation („S Class“ 200 µ & 10 µ, „Aquajet“ 1 µ)

Unit Type	Pump Type	Op. pressure [psih]	Flow rate [GPM]	Power rating [HP]
Aquajet®25	HDP 254	43500	11.6	335
	HDP 254	37700* 32600*	12.7 15.0	
S 1600 - 25	HDP 253	23900*	21.0	
		19600*	25.3	
S 1100 - 25	HDP 252	16700* 13900*	30.6 36.7	
		12300* 10300*	41.7 49.9	

\*Performance selected by touch of a keypad

- Rod force: 60.5 lbf
- Stroke: 3 inch
- Mean piston speed at n<sub>2</sub>  
390 1/r.p.m. = 3.18 foot/sec  
465 1/r.p.m. = 3.80 foot/sec  
555 1/r.p.m. = 4.56 foot/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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