

# Diesel driven high pressure pump units

## 36 series

- Types
- Aquajet® 36 up to 43,500 psig
  - S 1600 - 36 up to 21,000 psig
  - S 1100 - 36 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
- 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
- Stainless steel filter installation („S Class“ 200 µ & 10 µ, „Aquajet“ 1 µ)

Unit Type	Pump Type	Op. pressure [psig]	Flow rate [GPM]	Power rating [HP]
Aquajet®36	HDP 364	43500	16.1	480
	HDP 364	27600	25.6	
S 1600 - 36	HDP 363	21000	33.8	
	HDP 363	15200	43.0	
S 1100 - 36	HDP 362	13600	53.9	
	HDP 362	11300	65.7	

- Rod force: 148 lbf
- Stroke: 3 inch
- Mean piston speed at n<sub>2</sub>
  - 340 1/r.p.m. = 2.82 foot/sec
  - 410 1/r.p.m. = 3.38 foot/sec
  - 490 1/r.p.m. = 4.04 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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