

# Diesel driven high pressure pump units

## 48 series

- Types:
- **Aquajet® 48** up to 3000 bar
  - **S 1600 - 48** up to 1600 bar
  - **S 1200 - 48** up to 1200 bar



„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)

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

Unit Type	Pump Typ	Op. pressure [bar]	Flow-rate [l/min]	Power rating [kW]
Aquajet®48	HDP 484	3000	77	450
S 1600 - 48	HDP 483	1550	160	480
S 1200 - 48	HDP 482	1200	205	
	HDP 482	1000	256	

- Rod force: 200 kN
- Stroke: 100 mm
- Mean piston speed at  $n_2$   
 315 1/r.p.m. = 1,06 m/sec  
 380 1/r.p.m. = 1,27 m/sec  
 465 1/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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