

# Diesel driven high pressure pump units

## 36 series

- Types
- **Aquajet® 36** up to 3000 bar
  - **S 1600 - 36** up to 1450 bar
  - **S 1100 - 36** up to 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).

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 [bar]	Flow rate [l/min]	Power rating [kW]
Aquajet®36	HDP 364	3000	61	360
	HDP 364	1900	97	
S 1600 - 36	HDP 363	1450	128	
	HDP 363	1150	163	
S 1100 - 36	HDP 362	940	204	
	HDP 362	780	249	

- Rod force: 200 kN
- Stroke: 75 mm
- Mean piston speed at  $n_2$   
 340 1/r.p.m. = 0,86 m/sec  
 410 1/r.p.m. = 1,03 m/sec  
 490 1/r.p.m. = 1,23 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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