

# Diesel driven high pressure pump units

## 17 series

- Types
- Aquajet® 17 up to 3000 bar
  - S 1600 - 17 up to 1600 bar
  - S 1100 - 17 up to 1100 bar



The high pressure pump units are built to be reliable and user friendly. The diesel engine, from a manufacturer with a world wide service network, is directly connected to the high pressure pump by a highly flexible coupling. This assembly is mounted on a torsion free sub frame with anti vibration mountings as are all ancillary components such as boost pump, batteries and header tank.

The units are available in the following variants:

- Basic unit: stationary without sound damping cover
- Stationary with sound damping cover
- Mobile with sound damping cover
- Road going on tandem axle trailer

### Special features

- Compact design
- High power to weight ratio
- Extremely mobile
- Super sound damping on request
- Header tank with bypass and cooling water return lines
- Easy access to connections
- System safeguards
- Stainless steel boost pump
- Electronic r.p.m. regulator
- Control and monitoring by ES2 computer
- Units with sound damping mounted on a fully closed base with drip pan



Road going 17 series units for use on public roads are mounted on a tandem axle trailer with overrun brakes. They are designed for a maximum speed of 140 km/hr. and are in conformity with the German TÜV regulations. Air brakes are available on request.



Containerised with sound damping, e.g. a 10 ft. container for one unit or a 20 ft. for a unit and workshop combination to customer specification.

# 17 series high pressure pump units

## Road going design

- ① The high pressure pump unit is outfitted with a sound damping cover. The wide opening angle of the cover provides easy maintenance access
- ② Exhaust emits from the top, Surroundings not contaminated
- ③ Coated aluminium fully closed base with internal drip pan and internally mounted fuel tank
- ④ Electro hydraulically controlled cover opens or closes at the touch of a button
- ⑤ ES2 control with choice of operational languages
- ⑥ Optional: integral particle filter
- ⑦ Height adjustable parallel tow bar with eye or ball coupling
- ⑧ Hot galvanised chassis



Unit Type	Pump Type	Op. pressure [bar]	Flow rate [l/min]	Power rating [kW]	Approx. dimensions <sup>1)</sup> and Weight <sup>2)</sup>					
					stationary		10'-Container		road going	
					LxWxH[m]	[t]	LxWxH[m]	[t]	LxWxH[m]	[t]
Aquajet®17	HDP 174	3000* 2900*	27 29	170	3,61 x 2,05 x 2,05	3,1	2,99 x 2,44 x 2,54	4,5	5,59 x 2,13 x 2,35	3,4
	HDP 174	2500* 2250*	34 38							
S 1600 - 17	HDP 173	1600	57							
S 1100 - 17	HDP 172	1100	82							
	HDP 172	810	113							

\*Performance selected by touch of a keypad

1) Overall dimensions 2) Net weight with full fuel & oil load