

Diesel driven high pressure pump units

12 series – Industrial standard

- Types
- Aquajet® 12 up to 3000 bar
 - S 1600 - 12 up to 1600 bar
 - S 1100 - 12 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.

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
- 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

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



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

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Road going design

- ① The high pressure pump unit is outfitted with a sound damping cover. The wide opening angle of the large side panels provides easy maintenance access
- ② Aluminium fully closed base with internal drip pan and internally mounted fuel tank
- ③ ES2 control with choice of operational languages
- ④ Fixed tow bar ball coupling height: 445 mm
- ⑤ Optional: height adjustable parallel tow bar
- ⑥ Hot galvanised chassis
Optional: integral particle filter



Road going 12 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. Height adjustable ring or ball type couplings are available on request.



Unit Type	Pump Type	Op. pressure [bar]	Flow rate [l/min]	Power rating [kW]	Approx. dimensions ¹⁾ and Weight ²⁾						
					stationary		10'-Container		road going		
					LxWxH[m]	[t]	LxWxH[m]	[t]	LxWxH[m]	[t]	
Aquajet®12	HDP 124	3000	18	120	2,91 x 1,55 x 2,16	2,4	2,99 x 2,44 x 2,54	4,1	Version 1		2,5
	HDP 124	2600*	20						4,54 x 1,93 x 2,42		
	HDP 124	2450*	24								
	HDP 124	2200*	27					Version 2			
S1600 - 12	HDP 123	1600	40						4,54 x 1,93 x 2,00		
S1100 - 12	HDP 122	1100	57								
	HDP 122	820	78								

* Performance selected by touch of a keypad

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