

Diesel driven high pressure pump units

14 series – Industrial standard

Types • Aquajet® 14 up to 43,500 psig



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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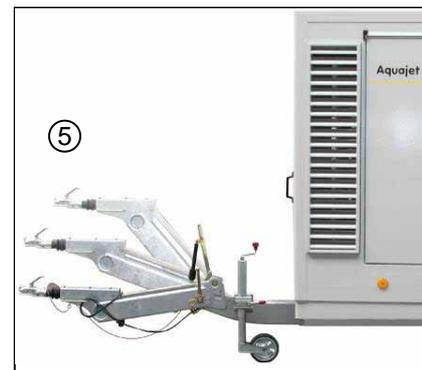
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Road going design

- 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: 17.520 inches
- ⑤ Optional: height adjustable parallel tow bar
- ⑥ Hot galvanised chassis
Optional: integral particle filter



Road going 14 series units for use on public roads are mounted on a tandem axle trailer with overrun brakes. They conform to the German TÜV regulations. Height adjustable ring or ball type couplings are available on request.



Unit Type	Pump Type	Op. pressure [psig]	Flow rate [GPM]	Power rating [HP]	Approx. dimensions ¹⁾ and Weight ²⁾					
					stationary		10'-Container		road going	
					LxWxH [inch]	[lbs]	LxWxH [inch]	[lbs]	LxWxH[m]	[lbs]
Aquajet®14	HDP 144	43500	5.8	188	115" x 61" x 85"	5,3	118" x 96" x 100"	9,0	Version 1	5,5
	HDP 144	37700* 36300*	6.6 7.9						Version 2	

* Performance selected by touch of a keypad

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

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