

Diesel driven high pressure pump units

07 series

- Types
- Aquajet® 07 up to 50,800 psig
 - S 1300 - 07 up to 19,500 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.

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 single axle trailer
- Containerised

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 07series units for use on public roads are mounted on a single axle trailer with overrun brakes. They are designed for a maximum speed of 87 m/hr. and are in conformity with the German TÜV regulations. Height adjustable ring or ball type couplings are available on request.



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.

HAMMELMANN®

07 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 Single lifting point is standard fitting
- ④ Coated aluminium fully closed base with internal drip pan and internally mounted fuel tank
- ⑤ Two stable gas filled supports with end position damping reduce the manual strength required to lift/lower the cover to a minimum
- ⑥ ES2 control with choice of operational languages
- ⑦ Optional: integral particle filter
- ⑧ Optional: height adjustable tow bar



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

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[m]	[t]	LxWxH[m]	[t]	LxWxH[m]	[t]	
Aquajet®07	HDP 74	43500*	2.5	70	93" x 66" x 62"	1,4	118" x 96" x 96"	3,4	151" x 66" x 74"	1,6	
	HDP 74	34800* 29700*	3.2 4.0								
	HDP 74	25400* 21800*	5.2 6.1								
S 1300 - 07	HDP 72	16400	8.5		70	93" x 66" x 62"	1,4	118" x 96" x 96"	3,4	151" x 66" x 74"	1,6
	HDP 72	13400	10.0								
	HDP 72	11700	11.9								

* Performance selected by touch of a keypad 1) Overall dimensions 2) Net weight with full fuel & oil load

Hammelmann Corp. 600 Progress Road
Dayton, Ohio 45449
eMail: mail@hammelmann.com

Phone (001) 937-859-8777
Fax: (001) 937-859-9188
http://www.hammelmann.com

