

Diesel driven high pressure pump units

80 series

- Types
- Aquajet® 80 bis 43,000 psig
 - S 1600 - 80 bis 22,800 psig
 - S 1100 - 80 bis 14,500 psig



„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
- Caterpillar engine in accordance with Tier4i
- Insulated spiral silencer installation (32 dB(A) reduction) with exhaust and rain cap, particle filter or Ad Blue
- 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
- Twin stainless steel filter installation („S Class“ 200 µ & 10 µ, „Aquajet“ 1 µ)

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]
Aquajet® 80	HDP 804	43500	34.1	1100
	HDP 804	30500	53.6	
S 1600 - 80	HDP 803	22800	73.1	
	HDP 803	18000	93.2	
S 1100 - 80	HDP 802	14500	115.4	
	HDP 802	12000	137.8	

- Rod force: 47,200 lbf
- Stroke: 3.9 inch
- Mean piston speed at n₂
315 r.p.m. = 3.48 foot/sec
380 r.p.m. = 4.17 foot/sec
465 r.p.m. = 5.05 foot/sec

There is a range of optional extras available which includes pump head lifting device, heating systems, water tanks and fuel tanks.

Hammelmann Corp. 436 Southpointe Drive
 Miamisburg, Ohio 45342
 eMail: mail@hammelmann.com

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

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