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

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)

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

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

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- 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