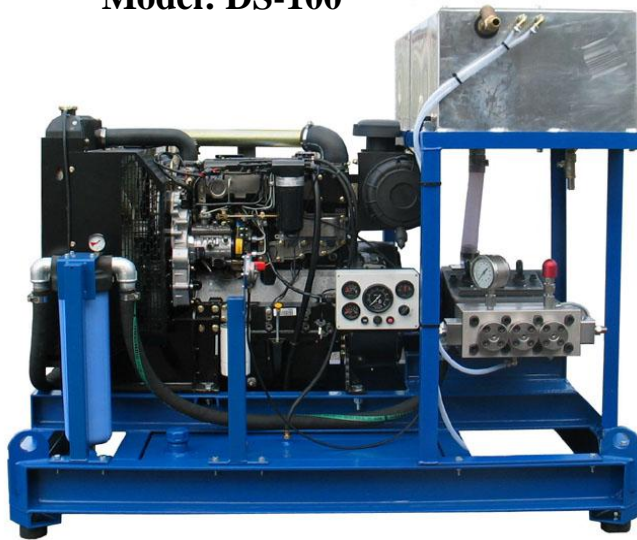


AQUA ENERGY

Skid Mounted
High & Ultra Pressure Water Jetting Units
Option of Offshore Crash-Frames & Sound Attenuated Canopies
Offshore models conform to the following Regulations
Rig-Safe, BP-200, OCMA-MEC-1 or DNV
Models range from 50 horsepower to 500 horsepower

Model: DS-100



PERFORMANCE

2,758 bar @ 15.00 l/min
1,500 bar @ 26.00 l/min
1,200 bar @ 34.00 l/min
900 bar @ 43.00 l/min
750 bar @ 53.00 l/min
600 bar @ 64.00 l/min
500 bar @ 76.00 l/min

Model: DS-180 (with Automatic Throttle)

PERFORMANCE

2,758 bar @ 24.00 l/min
1,500 bar @ 44.00 l/min
1,300 bar @ 52.00 l/min
1,100 bar @ 63.00 l/min
900 bar @ 72.00 l/min
800 bar @ 84.00 l/min
700 bar @ 96.00 l/min



Aqua Energy International Limited, St James Business Centre, Linwood Road
Paisley PA3 3AT, Scotland, UK
Tel: (+44) (0) 141 849 6888 Fax: (+44) (0) 141 848 5777
E-mail: sales@aquaenergy.com

DS-100 DS-180

Standard Features

Pump- DS horizontal triplex positive displacement pump, rated up to 180 HP service.

Plunger pump consists of stainless steel fluid cylinders, solid ceramic plungers, stainless steel valves and seats with chevron packing. The plungers and packing are water lubricated. The power end of the DS series pump is positive splash oil lubricated with sight glass for oil level check. Crankshaft is made of high strength alloy steel. Main bearing is roller.

Suction Plumbing- Water filters from 1 to 20 micron capacity protects the pump.

200 litre to 1000 litre water storage tanks with ball cock and float and low water level engine shut down.

Discharge Plumbing- Discharge manifold with interchangeable high pressure discharge connections for pressure gauge, relief valve, rupture disc and hose couplings. Stainless steel glycerine filled pressure gauge, stainless steel snubber assembly, Rupture disc or relief valve.

Unit Mounting- Mounted on a steel channel frame with pump base and anti-vibration mountings. Steel plate top deck.

Engines- Doosan, Perkins or Volvo with options for Oil-Refinery and Chemical Plant specifications

Power Transmission- Direct Drive via a reduction gearbox or belt drive.

Finish System- All units are hot dipped and galvanised.

Powder coated in Aqua Energy blue or to the customers colours.

Optional Accessories:

Gun- Hand or foot dump control type with safety shroud, whip hose and coupling.

Hoses- High Pressure for use at pressures up to 4000 bar.

Lances- Rigid and flexible variety SAE, JIC, pipe and welded end connections.

Nozzles- Wide assortment for surface and tube cleaning.

Rotary- Surface Preparation Jet for coatings removal and descaling

Regulator- Variable flow and pressure adjustment. Controlled by hand or mechanical actuation.

Auto-Throttle- Variable engine speed adjustments with automatic return to idle when Aqua-Gun is depressurised.

Vacuum- Uses the Jet-Blaster pump to create a vacuum for sludge and slurry transport.

Line Mole- Pipe and sewer cleaning type with replaceable fan and round jet inserts.

Abrasive Injector- Aqua-Saw abrasive injector mixes abrasive into Aqua-Gun discharge stream.

Deck Cleaner- Rotary jet driven multi-nozzle floor and grate cleaning system with hand operated controls.

Couplings- Quick disconnect Acme thread rated at up to 20,000-psi working pressure. Optional snap type for use to 10,000 psi.

For further information contact: Aqua Energy International Limited
St James Business Centre
Linwood Road,
Paisley PA3 3AT, Scotland UK
Tel: (+44) (0) 141 849 6888
Fax: (+44) (0) 141 848 5777
E-mail: sales@aquaenergy.com
www.aquaenergy.com