

AQUA ENERGY

**Electric Driven, Skid Mounted
High & Ultra High Pressure Water Jetting Units**
Choice of Sound Attenuated Canopies & Offshore Crash-Frames
All models conform to CE Regulations
Zone-1 and Zone 2 ATEX compliant Models

Model: ES-180-HP



PERFORMANCE OPTIONS

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

Model ES-180-UHP

PERFORMANCE OPTIONS

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 www.aquaenergy.com

Standard Features

Pump- 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 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 filter 1 to 5 micron capacity protects pump.

Water storage tanks with ball cock and float, low water level electric motor shut down incorporated.

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.

Motor: ABB or similar, control panel and motor to Star Delta Start

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

Finish System- All unpainted surfaces are hot dipped and galvanised.

Left galvanised or 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.

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