

AQUA ENERGY

**“In-Plant” Trolley Mounted
Electric Driven
High & Ultra High Pressure Water Jetting Units
Choice of Sound Attenuated Canopies
All models conform to EEC Regulations**

Model : ETI-100



PERFORMANCE OPTIONS

3450 bar @ 12.00 l/min
2758 bar @ 14.70 l-min
1500 bar @ 27.00 l-min
1200 bar @ 34.00 l-min
900 bar @ 42.00 l-min
750 bar @ 50.00 l-min
600 bar @ 60.00 l-min

ETI-180

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@aquenergy.com www.aquaenergy.com

ETI-100 & ETI 180

Standard Features

Pump- ETI-100 / 180 horizontal triplex positive displacement pump, ETI-100 / 180 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 ETI-100 / ET-180 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 filter 1 to micron to protect the pump.
Water storage tank with ball cock and float and low water level motor 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 an In-Plant Trolley box section frame with steerable tow bar.
The maximum tow speed is 5 mph.

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.

Motor- ABB or similar, control panels and motor to star delta start.

Optional Accessories:

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

Hoses- High Pressure for use at pressures up to 50,000 psi.

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
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