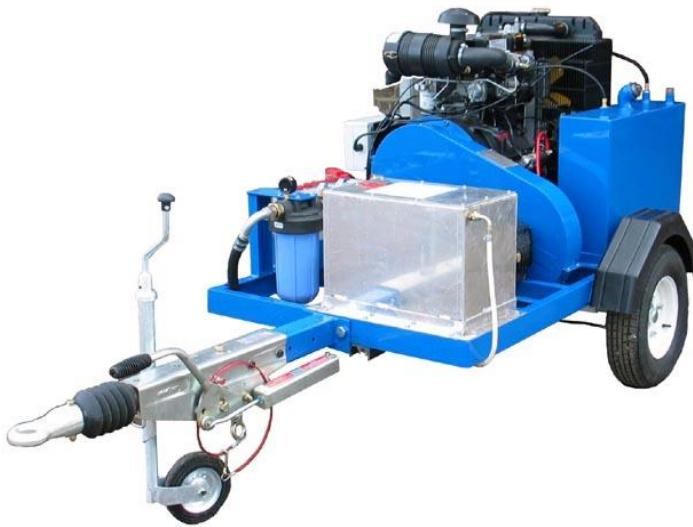


# AQUA ENERGY

**Skid & Trailer Mounted  
Diesel Engine and Hydraulic Driven Pressure Test Units**  
Options of Offshore Crash-Frames and Sound Attenuated Canopies  
Suitable for Oil-Refineries & Offshore Oil Platforms  
Conforming to Lloyds Open Deck Zone 11 Areas, OCMA MEC 1;  
BS5908 Zones 1 & 11; BP 200; Shell ISO 27;  
EEMUA No 107 (1992), ATEX 1834-1-2000 Specifications

## Model: DT-50



### PERFORMANCE OPTIONS

1,500 bar @ 12.70 l/min  
1,200 bar @ 16.90 l/min  
1,100 bar @ 17.30 l/min  
800 bar @ 23.00 l/min  
600 bar @ 30.00 l/min  
500 bar @ 38.00 l/min  
400 bar @ 45.00 l/min  
280 bar @ 74.00 l/min

## Model: HS-50 (Hydraulic Drive)

### PERFORMANCE OPTIONS

1,500 bar @ 12.70 l/min  
1,200 bar @ 16.90 l/min  
1,100 bar @ 17.30 l/min  
800 bar @ 23.00 l/min  
600 bar @ 30.00 l/min  
500 bar @ 38.00 l/min  
400 bar @ 45.00 l/min  
280 bar @ 74.00 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](mailto:sales@aquaenergy.com) [www.aquaenergy.com](http://www.aquaenergy.com)

## Standard Features

**Pump-** Horizontal triplex positive displacement pump rated up to 50HP service. Plunger pump consists of Stainless Steel Fluid Head. Stainless steel valves, seats, springs and stainless steel plungers with ceramic coating. 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 gas nitrated, hardened and tempered alloy steel. Main bearings are roller.

**Suction Plumbing-** 1" Female BSP inlet port.  
Twin easy clean water filters ensures a clean water supply to the pump.

**Discharge Plumbing-** Discharge manifold with ½" FBSP outlet port.  
Glycerine filled pressure gauge and safety rupture disc.

**Unit Mounting-** Mounted on a steel channel frame with pump base and adjustable motor base. Steel plate top deck.

**Power Transmission-** Pump and engine connected via non-slip belt drive and safety guard.

**Finish System-** Units are hot dipped and galvanised (or choice of colours).  
Coatings for offshore corrosive atmospheres are available.

## Optional Accessories:

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

**Hoses-** Ultra 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.

**Pressure Control Valve-** 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  
28 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