

# AQUA ENERGY

## Trailer Mounted, Diesel Engine Driven High Pressure Water Jet Units

All Trailers conform to  
EEC Road Regulations

### 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: DT-60

#### 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



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## Standard Features

**Pump-** Horizontal triplex positive displacement pump rated up to 55HP 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.

**Engine:** Perkins or similar Water Cooled Engines

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

**Finish System-** All units 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-** Ultra high pressure for use at pressures up to 1400 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.

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