

AQUA ENERGY INTERNATIONAL LTD

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MODEL "DT-ST- 3616" HIGH PRESSURE WATER JETTING UNIT.

Trailer Mounted for manoeuvrability.

- MODEL** : "DTI-3616, 20 to 55 horsepower High Pressure Water Jetting Unit.
- PERFORMANCE** : 3,625 psi @ 15.78 gpm (250 bar @ 60.00 l/min) other performances available.
- PUMP** : **JL-40**, three cylinder triplex pump with safety rupture disc.
- ENGINE** : **Perkins** water cooled engine, optional choice of IZUZU, Kubota or Hatz Silenced engines.
- CONTROLS** : Three-way selector valve, pressure gauge, oil pressure indication, 12volt start.
- TRAILER** : Pump and engine mounted on sub-frame with flexible mounts to road trailer. Four 13" wheels, auto reverse over-run Brakes, 50mm tow hitch, full road lights to EEC regulations. 1000 litre capacity water tanks.
- HOSE REEL** : 330' feet (100mts) capacity manual or hydraulic hose reel with in-out control.
- HOSES** : Safety Leader Hose, Drain and Sewer, Heat Exchanger, Flexible Lances.
- ACCESSORIES** : Wide assortment of Pipe and Sewer jets, control Guns, Surface Preparation Nozzles, Abrasive Blast Nozzles, Patented Shape Jets. Foot Control Valves.

Aqua-Energy can design our products to the clients specification, using the very latest CAD systems. For further information contact the above address or visit our World Wide Web Site:

<http://www.aquaenergy.com>

Standard Features

Pump- JL-40 horizontal triplex positive displacement pump. JL-40 rated up to 45HP service. Plunger pump consists of chemical nickel-treated cast iron 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 JL-40 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 JL-40 pump.

Discharge Plumbing- Discharge manifold with 3/4" Female BSP 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 zinc primed and have one coat of industrial blue (or choice of colour) enamel. Coating for 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 20,000 psi.

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

Nozzles- Wide assortment for surface and tube cleaning.

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

Auto-Throttle- Variable engine speed adjustments with automatic return to idle when Dyna-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 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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