

# **AQUA ENERGY INTERNATIONAL LTD**

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## **MODEL "DT-ST- 2116" HIGH PRESSURE WATER JETTING UNIT.**

### **Trailer Mounted for manoeuvrability.**

- MODEL** : "DTI-2116, 20 to 55 horsepower High Pressure Water Jetting Unit.
- PERFORMANCE** : 2,320 psi @ 16.31 gpm (160 bar @ 62.00 l/min) other performances available.
- PUMP** : **RL-25**, three cylinder triplex pump with safety rupture disc.
- ENGINE** : ISUZU water cooled engine, optional choice of Perkins, 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. Twin 13" wheels, auto reverse over-run Brakes, 50mm tow hitch, full road lights to EEC regulations.
- HOSE REEL** : 300'feet (91mts) 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- RL-25** horizontal triplex positive displacement pump. RL-25 rated up to 25HP 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 RL-25 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"FBSP inlet port.

Twin easy clean water filters ensures a clean water supply to the RL-25 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 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-** Dyna-Saw abrasive injector mixes abrasive into Dyna-Gun discharge stream.

**Dynamo 11-** 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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