

AQUA ENERGY INTERNATIONAL LTD

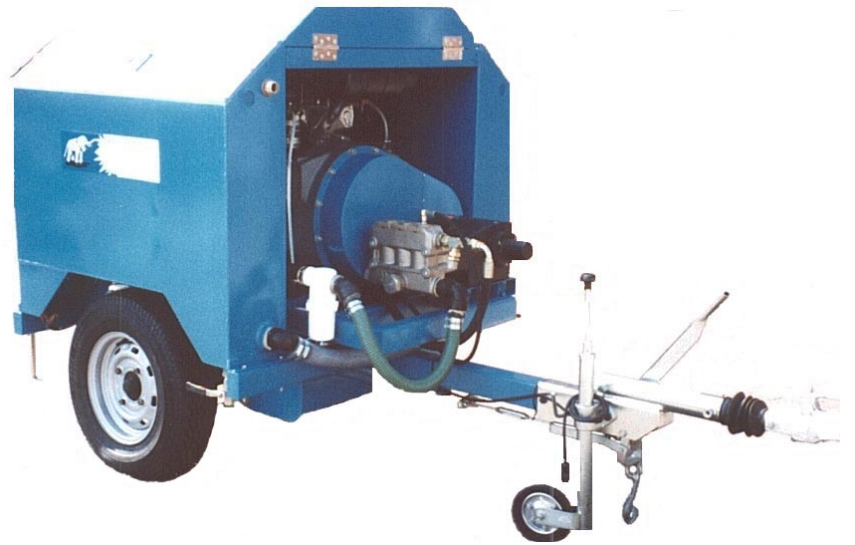
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MODEL DT-2127

High Pressure Water Jetting Unit, Trailer Mounted for Manoeuvrability.

The pump and engine are mounted on a two-wheel fast tow road trailer, with a choice of ball or eye hitches. Full over-run brakes, height adjustable jockey wheel and a full set of road light. The trailer fully conforms with European road laws and regulations.

The Aqua Energy Drain Jet Blaster offers pressures up to 150 bar with flows up to 102 l/min. The SL-33 pump is fitted with a safety rupture disc to protect the system from over pressurisation.

50 to 500 gallon capacity water storage tanks, tilt forward, to allow maintenance of the engine, pump and components. Tank fitted with double filtration and inlet ball valve to prevent back siphoning. Option of 200 feet capacity inlet hose reel and 100 metre hydraulic hose reel.

The 53 horsepower engine comes with tropical radiator. Engine operates from 1,000 to 3,000 rpm with 12 volt electric start, system is protected with automatic shut-down on low oil pressure and high water temperature. Full instrument and controls are also included.

Aqua Energy can design our products to the clients specification using the very latest CAD systems to ensure that the ease and quality of our manufacture is **[Always right first time!](#)**

For further information please contact the above address or visit our **www.aquaenergy.com**

Standard Features

Pump- SL horizontal triplex positive displacement pump. The SL is rated up to 45HP service. Plunger pump consists of all bronze 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 SL series pump is positive splash oil lubricated with dip stick for oil level check. Crankshaft is made of high strength forged and hardened steel. Main bearing are taper roller.

Suction Plumbing- Two large capacity water filters enables the operator to clean the filters. 50 to 250 gallon water storage tanks with ball valve.

Discharge Plumbing- Discharge manifold with interchangeable high pressure discharge connections for pressure gauge, relief valve, rupture disc and hose couplings. Glycerine filled pressure gauge and safety rupture discs to prevent pump from over-pressurisation.

Unit Mounting- Pump and engine mounted on a modular frame. Mounted on two or four 13" wheels with auto-reverse over-run brakes, 50mm tow hitch and full lighting.

Power Transmission-Timing belt pulley reduction.

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 45,000 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 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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