

AQUA ENERGY

Trailer Mounted Diesel Engine Driven High Pressure Pipe, Drain & Sewer Cleaning Units with Twin Tanks & option of one or two axles Trailers conform to EEC Road Regulations

Model: DT-50-ST



PERFORMANCE OPTIONS

600 bar @	30.00 l/min
500 bar @	38.00 l/min
400 bar @	45.00 l/min
280 bar @	74.00 l/min
210 bar @	92.00 l/min
200 bar @	106.00 l/min
160 bar @	122.00 l/min
140 bar @	137.00 l/min
130 bar @	153.00 l/min
110 bar @	170.00 l/min

Model: DT-60-ST

PERFORMANCE OPTIONS

600 bar @	30.00 l/min
500 bar @	38.00 l/min
400 bar @	45.00 l/min
280 bar @	74.00 l/min
210 bar @	92.00 l/min
200 bar @	106.00 l/min
160 bar @	122.00 l/min
140 bar @	137.00 l/min
130 bar @	153.00 l/min
110 bar @	170.00 l/min



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DT-50-ST & DT-60-ST

Standard Features

Pump- Horizontal triplex positive displacement pump rated up to 60HP 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.

Water Tanks- Twin water tanks from 360 litre to 1000 litre capacity.

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: Lombardi or Perkins Water Cooled Engines

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

Finish System- Units are shot blasted and then powder coated in highway yellow colour.

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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