

AQUA ENERGY

**Truck or Van Mounted
Low, High and Ultra High Pressure Water Jetting Units
Specially designed to mount onto the customers truck
or inside large Vans
From 50 horsepower up to 500 horsepower**

Model: TM-100



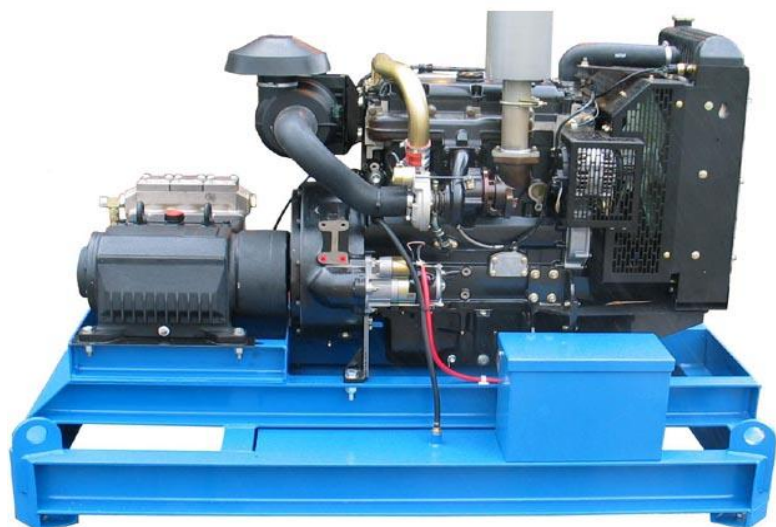
PERFORMANCE

2,758 bar @ 14.70 l/min
1,500 bar @ 27.00 l/min
1,200 bar @ 34.00 l/min
900 bar @ 42.00 l/min
750 bar @ 50.00 l/min
600 bar @ 63.00 l/min
300 bar @ 136.00 l/min
240 bar @ 168.00 l/min
190 bar @ 213.00 l/min
155 bar @ 263.00 l/min
125 bar @ 318.00 l/min

PERFORMANCE OPTIONS

2,758 bar @ 24.00 l/min
1,500 bar @ 44.00 l/min
1,300 bar @ 52.00 l/min
1,100 bar @ 63.00 l/min
900 bar @ 72.00 l/min
800 bar @ 84.00 l/min
700 bar @ 96.00 l/min

Model: TM-180



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Standard Features

Pump- Horizontal triplex positive displacement pump, rated 100 HP to 180 HP service. Plunger pump consists of stainless steel 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 VP series pump is positive splash oil lubricated with sight glass for oil level check. Crankshaft is made of high strength alloy steel. Main bearing is roller.

Suction Plumbing- Water filters from 1 to 25 micron capacity protects pump. 200 to 8000 litre water tanks, with ball cock and float valve and low water level engine shut down.

Discharge Plumbing- Discharge manifold with interchangeable high pressure discharge connections for pressure gauge, relief valve, rupture disc and hose couplings. Stainless steel glycerine filled pressure gauge, stainless steel snubber assembly, Rupture disc or relief valve.

Unit Mounting- Mounted on a steel channel frame with pump base and anti-vibration mountings. Steel plate top deck.

Power Transmission- Direct Drive via a reduction gearbox or belt drive.

Finish System- All units are hot dipped and galvanised.
Left galvanised or powder coated in Aqua Energy blue or to the customers colours.

Engines: Doosan, Perkins or similar with options for Oil-Refinery and Chemical Plant specifications.

Optional Accessories:

Dump-Gun Hand or foot dump control type with safety shroud, whip hose and coupling.

Hoses- High Pressure for use at pressures up to 4000 bar.

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

Nozzles- Wide assortment for surface and tube cleaning.

Rotary- Surface Preparation Jet for coatings removal and descaling

Regulator- 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.

For further information contact: Aqua Energy International Limited
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