

# AQUA ENERGY

## Trailer Mounted Ultra High Pressure Water Jetting Units Trailers conform to EEC (European Road Regulations) Options of Fully Acoustic Panels and Engines for Oil-Refinery and Gas Plants

### Model: DT-150-CF



#### PERFORMANCE

3,500 bar @ 15.00 l/min  
1,400 bar @ 44.00 l/min  
1,100 bar @ 53.00 l/min  
950 bar @ 63.00 l/min  
800 bar @ 74.00 l/min  
700 bar @ 86.00 l/min  
600 bar @ 98.00 l/min

### Model: DT-220-CF

#### PERFORMANCE

3,500 bar @ 22.00 l/min  
2,758 bar @ 25.00 l/min  
2,500 bar @ 28.00 l/min  
2,000 bar @ 40.00 l/min  
1,600 bar @ 50.00 l/min  
1,200 bar @ 63.00 l/min  
1,050 bar @ 81.00 l/min  
800 bar @ 104.00 l/min



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# DT-150 & DT-220-CF

## Standard Features

**Pump-** Horizontal triplex positive displacement pump, DT-150-220-CF rated up to 238 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 pump is positive splash oil lubricated with sight glass for oil level check. Crankshaft is made of high strength alloy steel. Main bearings are roller.

**Suction Plumbing-** Water filter 5 micron capacity protects pump. 50 gallon water storage tank with ball cock and float.

**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.

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

**Finish System-** Units are Shot Blasted and 2 coat pack high quality Aqua Energy Blue industrial paint.

**Engine-** Perkins 1006 and 1300 series with manual or Automatic Engine RPM (**Auto-Throttle**).

## 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 50,000 psi.

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

**Nozzles-** Wide assortment for surface and tube cleaning.

**Rotary Surface Preparation-** Choice of Jets 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 20,000 psi.

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