

# HP500 DC HP Water Jetting Unit



<b>Doosan PU158TI Engine (352kW/472hp)</b>
<b>119lpm at 900bar</b> (52.7gpm at 13,050psi)
<b>124lpm at 1400bar</b> (32.9gpm at 20,300psi)
<b>Doosan PU180TI Engine (545kW/730hp)</b>
<b>199lpm at 1000bar</b> (52.7gpm at 14,500psi)

Refer to the HP500 pump data sheet for alternative performances

HP500 DC crashframe mounted, diesel driven, High Pressure water jetting unit.

Simple mechanical engine suitable for use in non-regulated regions of the world, making this unit very easy to operate and maintain.

Applications include surface cleaning, descaling, hydro-demolition, heat exchanger / pipe cleaning, vessel cleaning, subsea cleaning and more.

**Dimensions  
(PU158TI Version)**

3.0m long x 1.7m wide x 2.3m high  
(118" long x 67" wide x 90" high)

**Weight  
(PU158TI Version)**

4,950kg  
(10,890lb)

## Features

- HP500 five cylinder pump with pressure lubrication & oil cooling
- Stainless steel pumphead, solid carbide plungers, integral gearbox & SAE engine adaptor
- Transducer for display of discharge pressure & automatic over-pressure shutdown
- Burst disc assembly (or safety valve)
- Simple auto-shutdown control panel.
- Pump switches for low inlet pressure, low oil pressure & high oil temperature
- Stainless steel water tank, boost pump & dual filtration
- Manual pressure adjusting valve
- Fabrications are grit blasted & powder coated with a zinc rich primer & durable topcoat suitable for use in corrosive environments
- Extremely compact due to the PU158TI V8 engine & PU180TI V10 Engine

## Build Options

- Spark arresting exhaust silencer
- Chalwyn valve
- Pneumatic control valve c/w compressor
- The modular design allows any combination of chassis to be configured including Skids, Crashframes, Site Trailers (Trolleys), with or without Enclosures
- Mounted in a 20' container (standard or DNV)
- Alternative engines (Tier 3, 4 & 5)
- Full range of accessories for all applications



Skid option



Site trailer option



Enclosed site trailer option

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Manufactured in the UK since 1970

In line with the company's policy of research and development, alterations in design, dimensions and appearance are incorporated from time to time in order to ensure important developments are included at the earliest opportunity. The Company, therefore, reserves the right to alter design, dimensions etc without notice.