

## Ultrabar 30 DST UHP Water Jetting Unit



\*HP220 Pumphead shown\*

### Doosan PU086T Engine (140kW/188hp)

**40lpm at 2000bar**  
(10.6gpm at 29,000psi)

**27lpm at 2800bar**  
(7.1gpm at 40,600psi)

### Doosan PU086TI Engine (197kW/265hp)

**44lpm at 2000bar**  
(11.6gpm at 29,000psi)

**30lpm at 2800bar**  
(7.9gpm at 40,600psi)

Refer to the Ultrabar 30 pump data sheet for alternative performances

Ultrabar 30 site trailer mounted, diesel driven, Ultra 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.

Suitable for single or twin gun operation. Applications include surface preparation, descaling, hydro-demolition, heat exchanger / pipe cleaning, vessel cleaning, subsea cleaning and more.

#### Dimensions

2.8m long x 1.5m wide x 2.4m high  
(110" long x 59" wide x 94" high)

#### Weight

2,700kg  
(5,940lb)

## Features

- Ultrabar 30 pump with pressure lubrication & oil cooling
- Integral gearbox & SAE engine adaptor
- Modular pumphead assembly allows easy maintenance & troubleshooting on individual cylinders.
- Solid carbide plungers & self-adjusting seals.
- Transducer for display of discharge pressure & automatic over-pressure shutdown
- Burst disc assembly
- Doosan 6 cylinder, mechanical engine suitable for use in non-regulated regions of the world (not Europe/North America)
- 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 (10 & 1 micron)
- Fabrications are grit blasted & powder coated with a zinc rich primer & durable topcoat suitable for use in corrosive environments

## Build Options

- Spark arresting exhaust silencer
- Chalwyn valve
- Pneumatic UHP dump valve c/w compressor
- Manual UHP pressure adjusting valve
- The modular design allows any combination of chassis to be configured including Skids, Crashframes, Site Trailers (Trolleys), Road Trailers, with or without Enclosures
- Mounted in a 10' container (standard or DNV)
- Alternative engines (Tier 3, 4 & 5)
- Full range of accessories for all applications including handheld jetting guns, surface preparation robots & cleaning (manual & automated)



Skid option



Crashframe option



Road trailer option

**Hughes Pumps Limited**  
Spring Gardens,  
Washington, West Sussex,  
RH20 3BS  
United Kingdom

**Telephone** +44 (0) 1903 892358  
**Email** sales@hughes-pumps.co.uk  
**Web** www.hughes-pumps.co.uk



Certification number 4257



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.