

# Ultrabar 30 DNV Crashframe UHP Water Jetting Unit



### 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 DNV 2.7-1 crashframe 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 1.6m wide x 2.1m high  
(110" long x 63" wide x 83" high)

#### Weight

3,200kg  
(7,040lb)

## 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)
- DNV 2.7-1 certified, offshore crashframe, grit blasted & painted in a two-pack, polyurethane offshore coating system.
- DNV lifting slings

## Build Options

- Spark arresting exhaust silencer
- Chalwyn valve
- Pneumatic UHP dump valve c/w compressor
- Manual UHP pressure adjusting valve
- Enclosure for weather protection/ noise reduction
- Mounted in a 10' container (standard or DNV)
- Alternative engines (Tier 3, 4 & 5)
- ATEX Zone 2 engine
- Full range of accessories for all applications including handheld jetting guns, surface preparation robots & cleaning (manual & automated)



HP220 DNV Crashframe rear view



10' DNV Container Option



13' DNV Container option for larger engine

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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.