

HP220 DNV Crashframe

HP Water Jetting Unit



HP220 DNV Crashframe mounted, diesel driven, High Pressure water jetting unit, suitable for a wide range of applications. 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 / footvalve operation. Applications include surface cleaning, descaling, hydro-demolition, heat exchanger / pipe cleaning, vessel cleaning, subsea cleaning and more.

Features

- HP220 pump with pressure lubrication & oil cooling
- Stainless steel pumphead, solid ceramic or carbide plungers, integral gearbox & SAE engine adaptor
- 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
- Manual pressure adjusting valve
- DNV certified, offshore crashframe, grit blasted & painted in a two-pack, polyurethane, offshore coating system
- DNV lifting slings



HP220 DNV Crashframe rear view



10' DNV Container Option



13' DNV Container option for larger engine

Doosan PU086T Engine (140kW/188hp)

65lpm at 1000bar
(17gpm at 14,500psi)

49lpm at 1400bar
(13gpm at 20,300psi)

Doosan PU086TI Engine (197kW/265hp)

83lpm at 1000bar
(22gpm at 14,500psi)

62lpm at 1400bar
(16gpm at 20,300psi)

Refer to the HP220 pump data sheet for alternative performances

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)

Build Options

- Spark arresting exhaust silencer
- Chalwyn valve
- Pneumatic control valve c/w compressor
- Enclosure for weather protection/ noise reduction
- Mounted in a 10' container (standard or DNV)
- Alternative engines (Tier 2 or 3)
- ATEX Zone 2 engine
- Full range of accessories for all applications

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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.