

HP220 DS-B T5

HP Water Jetting Unit



Doosan PU086T engine shown

Perkins 1204J-44TTA Engine (140kW/188hp)

67lpm at 1000bar
(18gpm at 14,500psi)

51lpm at 1400bar
(14gpm at 20,300psi)

Refer to the HP220 pump data sheet for alternative performances

Ultrabar 30 crashframe mounted, diesel driven, Ultra High Pressure water jetting unit. Simple to operate & maintain, this is probably the most user friendly UHP unit on the market. Four-cylinder engine makes this unit extremely compact.

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

Dimensions

2.2m long x 1.2m wide x 1.8m high
(87" long x 47" wide x 71" high)

Weight

1,850kg
(4,070lb)

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
- Perkins 1204J-E44TTA, 4-cylinder, Tier 5 engine (tier 4 dual certified for use in US)
- Simple auto-shutdown control panel.
- Automated throttle to reduce engine speed to idle when pump is off-load to reduce noise, water & fuel consumption.
- Pump switches for low inlet pressure, low oil pressure & high oil temperature
- Stainless steel water tank, boost pump & dual filtration
- Four lifting points & two forklift pockets
- 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
- Manual or pneumatic control valve c/w compressor
- site trailer (trolley)
- Proprietary road trailer
- Mounted in a 10' container (standard or DNV)
- Alternative engines (Tier 3, 4 or non-compliant)
- Full range of accessories for all applications

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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.