

HP220 DRT-B

HP Water Jetting Unit



Doosan PU086T 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

HP220 DRT-B road trailer mounted, diesel driven, High Pressure water jetting unit. Simple to operate & maintain, this is probably the most user friendly UHP unit on the market. Simple mechanical engine suitable for use in non-regulated regions of the world.

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

4.3m long x 1.9m wide x 2.7m high
(170" long x 75" wide x 106" high)

Weight

2,700kg
(5,940lb)

Features

- HP220 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.
- This trailer houses the stand-alone HP220 DS-B unit, which can be easily removed
- Automatic 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
- Polypropylene water tank, boost pump & dual filtration (10 & 1 micron)
- Enclosure in 25mm polyester insulation foam walls
- Lift up door on both sides
- Two rear doors

Build Options

- Spark arresting exhaust silencer
- Chalwyn valve
- Pneumatic UHP dump valve c/w compressor
- Manual UHP pressure adjusting valve
- Alternative engines (Tier 3, 4 & 5)
- Full range of accessories for all applications including handheld jetting guns, surface preparation robots & pipe/tube cleaning (manual & automated)
- Lifting points



Good access through side doors



Rear view



Comprehensive but simple control panel

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



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.