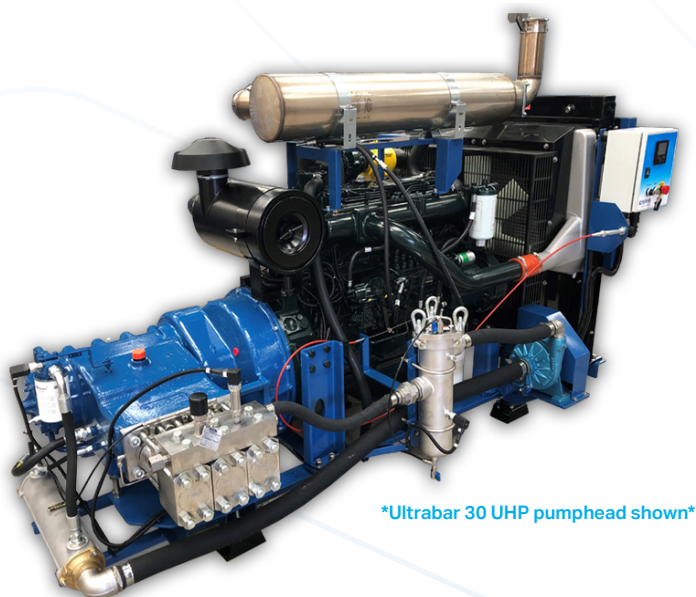


HP220 Subframe

HP Water Jetting Unit



Ultrabar 30 UHP pumphead shown

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

HP220 subframe mounted, diesel driven, High Pressure water jetting unit. Ideal for system packagers or end-users wishing to integrate this module into their own chassis design. All that needs to be added are diesel & water tanks & a main chassis (if required). 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.

Dimensions

2.5m long x 1.25m wide x 1.6m high
(98" long x 49" wide x 63" high)

Weight

1,800kg
(3,960lb)
PU086TI Version

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.
- Battery assembly
- Pump switches for low inlet pressure, low oil pressure & high oil temperature
- Boost pump & dual filtration
- Manual pressure adjusting valve
- Subframe is grit blasted & powder coated with a zinc rich primer & durable topcoat suitable for use in corrosive environments



Rear View

Build Options

- Spark arresting exhaust silencer
- Chalwyn valve
- Pneumatic control valve c/w compressor
- Alternative engines (Tier 3, 4 & 5)
- Full range of accessories for all applications



Unit during test

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.