

HP120 EC

HP Water Jetting Unit



Ultrabar 30 UHP pumphead shown

HP120 ES crashframe mounted, electric motor driven, High Pressure water jetting unit.

Suitable for a range of applications including surface cleaning, descaling, heat exchanger / pipe cleaning, vessel cleaning, subsea cleaning and more.

75kW (100hp) Motor

50Hz	60Hz
42lpm at 940bar (11.2gpm at 13,630psi)	40lpm at 940bar (10.6gpm at 13,630psi)
24lpm at 1400bar (6.4gpm at 20,300psi)	29lpm at 1400bar (7.6gpm at 20,300psi)

90kW (120hp) Motor

50Hz	60Hz
44lpm at 1100bar (11.7gpm at 15,950psi)	44lpm at 1100bar (11.7gpm at 15,950psi)
30lpm at 1400bar (8.0gpm at 20,300psi)	

Refer to the HP120 pump data sheet for alternative performances

Dimensions (approx.)

2.3m long x 1.5m wide x 1.6m high
(90" long x 59" wide x 63" high)

Weight (approx.)

2,000kg
(4,400lb)

Features

- HP120 pump
- Stainless steel pumphead, solid ceramic or carbide plungers & integral gearbox
- Transducer or analogue pressure gauge for display of discharge pressure
- Burst disc assembly (or safety valve)
- IE3, foot mount, 4 pole electric motor. IP55, Class F insulation, Class B rise, TEFC. Fitted with PTC thermistors. Suitable for 400v/3ph/50Hz & 480v/3ph/60Hz.
- Pump switches for low inlet pressure & high oil temperature
- Stainless steel water tank, boost pump & dual filtration
- Star delta starter control panel c/w interlocked isolater, start/stop buttons, hours counter, shutdown circuit for pump switches & E-stop. PILZ safety relay & terminals for a remote E-stop. Mounted in a coated sheet steel enclosure with a IP65 rating.
- Manual pressure adjusting valve

Build Options

- Pneumatic control valve
- Air compressor
- The modular design allows any combination of chassis to be configured including Skids, Crashframes, Site Trailers (Trolleys), with or without Enclosures
- Certified crashframe
- Mounted in a 10' container (standard or DNV)
- ATEX Zone 1 or 2 electric motors & starter panels
- Full range of accessories for all applications



Skid Option
(less water tank)



Enclosed crashframe option



Site trailer option

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.