

## HP120 ES-B HP Water Jetting Unit



\*Image for guidance only\*

HP120 ES-B skid 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
<b>42lpm at 940bar</b> (11.2gpm at 13,630psi)	<b>40lpm at 940bar</b> (10.6gpm at 13,630psi)
<b>24lpm at 1400bar</b> (6.4gpm at 20,300psi)	<b>29lpm at 1400bar</b> (7.6gpm at 20,300psi)

90kW (120hp) Motor	
50Hz	60Hz
<b>44lpm at 1100bar</b> (11.7gpm at 15,950psi)	<b>44lpm at 1100bar</b> (11.7gpm at 15,950psi)
<b>30lpm at 1400bar</b> (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
- 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
- Polypropylene 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  
Fabrications are grit blasted & powder coated with a zinc rich primer & durable topcoat suitable for use in corrosive environments

## Build Options

- Pneumatic control valve
- Air compressor
- Site trailer
- Crashframe
- 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

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Certification number 4257



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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.