

# HP220 EC

## HP Water Jetting Unit



\*Ultrabar 30 UHP pumphead shown\*

HP220 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.

110kW (150hp) Motor	
50Hz	60Hz
<b>56lpm at 1000bar</b> (14.9gpm at 14,500psi)	<b>54lpm at 1000bar</b> (14.3gpm at 14,500psi)
<b>42lpm at 1400bar</b> (11.2gpm at 20,300psi)	<b>40lpm at 1400bar</b> (10.6gpm at 20,300psi)

132kW (175hp) Motor	
50Hz	60Hz
<b>69lpm at 1000bar</b> (18.2gpm at 14,500psi)	<b>67lpm at 1000bar</b> (17.9gpm at 14,500psi)
<b>52lpm at 1380bar</b> (13.7gpm at 20,000psi)	<b>51lpm at 1400bar</b> (13.4gpm at 20,300psi)

160kW (215hp) Motor	
50Hz	60Hz
<b>82lpm at 1000bar</b> (21.8gpm at 14,500psi)	<b>83lpm at 1000bar</b> (21.9gpm at 14,500psi)
<b>62lpm at 1400bar</b> (16.4gpm at 20,300psi)	<b>62lpm at 1400bar</b> (16.4gpm at 20,300psi)

Refer to the HP220 pump data sheet for alternative performances

## Features

- HP220 pump with pressure lubrication & oil cooling
- 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
- 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
- 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

### Dimensions (approx.)

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

### Weight (approx.)

2,250kg  
(4,950lb)



Skid Option  
(less water tank)



Enclosed crashframe option



Site trailer option

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

Telephone +44 (0) 1903 892358  
Email sales@hughes-pumps.co.uk  
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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.