

Ultrabar 30 EC UHP Water Jetting Unit



Ultrabar ES crashframe mounted, electric motor driven, Ultra High Pressure water jetting unit. This versatile unit is available with a range of performances from 10 to 30lpm at 2800bar (2.6 to 8.0gpm at 40,000psi).

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

Features

- Ultrabar 30 pump with pressure lubrication & oil cooling
- Modular fluid head assembly allows easy maintenance & troubleshooting on individual cylinders
- Solid carbide plungers & integral gearbox
- Analogue pressure gauge for display of discharge pressure
- Burst disc assembly
- 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 isolator, 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



Skid Option
(less water tank)



Enclosed crashframe option



Site trailer option

110kW (150hp) Motor

50Hz	60Hz
30lpm at 2000bar (8.0gpm at 29,000psi)	29lpm at 2000bar (7.6gpm at 29,000psi)
20lpm at 2800bar (5.4gpm at 40,000psi)	19lpm at 2800bar (5.1gpm at 40,000psi)

132kW (175hp) Motor

50Hz	60Hz
37lpm at 2000bar (9.8gpm at 29,000psi)	36lpm at 2000bar (9.6gpm at 29,000psi)
25lpm at 2800bar (6.6gpm at 40,000psi)	24lpm at 2800bar (6.4gpm at 40,000psi)

160kW (215hp) Motor

50Hz	60Hz
44lpm at 2000bar (11.7gpm at 29,000psi)	44lpm at 2000bar (11.7gpm at 29,000psi)
30lpm at 2800bar (7.9gpm at 40,000psi)	30lpm at 2800bar (7.9gpm at 40,000psi)

Refer to the Ultrabar 30 pump data sheet for alternative performances
Flowrates are theoretical and will reduce by 10-12% at full pressure

Build Options

- Pneumatic pressure adjusting/dump 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)