

HPS3000 ES

HP Water Jetting Unit



High & Ultra High Pressure Technology



HPS3000 Electric skid

Features

- HPS3000 pump with pressure lubrication, filtration & oil cooling. Stainless steel pump head, solid ceramic plungers & integral gearbox.
- Glycerine filled pressure gauge & safety relief valve
- 225kW (300hp) 4 pole electric motor and star delta starter panel
- Boost pump, high capacity filter housing with 50 micron element, heavy duty suction line hose, stainless steel fittings & boost pressure switch.
- Fabricated steel skid base with two forklift pockets. High quality powder coated paint finish

Build Options

- Unloader / pressure adjusting valve for single or twin tool operation
- Selector / diverter valves
- Shutdown switches
- Zone 1 or Zone 2 motor and starter
- ATEX compliant Ex
- Certified crashframes
- Zinc rich powder coated paint finish for corrosive environments
- Enclosed versions
- Site trailer undergear
- Stainless steel water tank
- High volume builds to 484 lpm at 250 bar (106.4 igpm / 128.2 usgpm at 3,625 psi)
- Comprehensive range of accessories to cover every application

Performances *

77 lpm at 1400 bar	(17.0 igpm / 20.5 usgpm at 20,300 psi)
105 lpm at 1150 bar	(23.2 igpm / 27.9 usgpm at 16,675 psi)
124 lpm at 1000 bar	(27.3 igpm / 32.9 usgpm at 14,500 psi)
138 lpm at 900 bar	(30.3 igpm / 36.5 usgpm at 13,050 psi)
174 lpm at 700 bar	(38.3 igpm / 46.2 usgpm at 10,150 psi)
215 lpm at 570 bar	(47.3 igpm / 57.0 usgpm at 8,265 psi)

* Figures based on 1500rpm input speed (standard 4 pole motor with 50Hz supply)
Refer to HPS3000 data sheet for full range of performances

HPS3000, 225kW (300 hp) electric motor driven, skid mounted High Pressure water jetting unit, suitable for the most demanding applications.

Simple to operate & maintain, this is probably the most user friendly HP unit on the market.

Suitable for automated applications &

multiple gun / foot valve operation.

Applications include surface cleaning / de-scaling, coatings removal, heat exchanger pipe cleaning, tank / vessel & floor cleaning.

Dimensions:
2.5m long x 1.6m wide x 1.8m high
(98" long x 63" wide x 71" high)

Weight:
2750 kg (6,050 lb)



Robotic cleaning of skids at automotive plant 105 lpm/1000 bar



HPS3000 EC (electric crashframe)

Hughes Pumps Limited

Spring Gardens, Washington, West Sussex, RH20 3BS UK

Tel: +44 (0) 1903 892358 Fax: +44(0) 1903 892062

www.hughes-pumps.co.uk sales@hughes-pumps.co.uk



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 that important developments are included at the earliest opportunity. The Company, therefore, reserves the right to alter design, dimensions etc without notice.