

# Electric Motor Driven Pumpsets for Zone 1 & 2 Hazardous Areas



High & Ultra High Pressure Technology




4no Ultrabrar 10EC Offshore units, 8.6lpm at 2100bar, Zone 1 ATEX rated, mounted in DNV 2.7-1 / EN12079 offshore crashframes. Used for UHP spot blasting

## Features

- Hughes low speed plunger pump with oil cooling, solid ceramic plungers & stainless steel pumphead
- Top brand electric motors
- Automatic shutdown on pump fault
- Packaged for use in corrosive environments
- ATEX compliant pumps
- Well proven globally in hazardous areas, on & offshore over tens of years
- CE marked

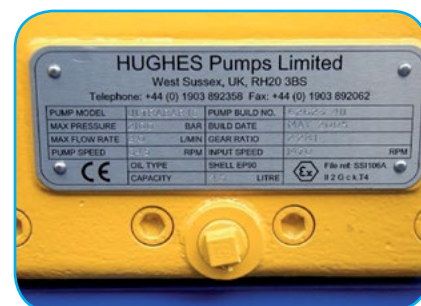
## Build Options

- 316 or Duplex stainless steel pumpheads for seawater
- DNV 2.7-1/EN12079 crashframes or containers
- Sound attenuation
- ATEX compliant pumpsets 
- Third Party Inspection
- Full range of water jetting accessories

<b>Maximum Flowrate</b>	<b>HPS5000</b>	<b>806 lpm at 250 bar</b> (214gpm at 3,625 psi)
	<b>Ultrabrar 24</b>	<b>23lpm at 2750bar</b> (6.1gpm at 40,000psi)
<b>Maximum Pressure</b>	<b>HPS5000</b>	<b>1400bar at 141lpm</b> (20,000psi at 37gpm)
	<b>Ultrabrar 24</b>	<b>2750bar at 23lpm</b> (40,000psi at 6.1gpm)
<b>Maximum Power</b>	<b>HPS5000</b>	<b>375 kW</b> (500hp)
	<b>Ultrabrar 24</b>	<b>120kW</b> (160hp)

Electric motors & starter panels operating in hazardous areas present a risk of explosion. Hughes equipment is suitable for use in Zone 2 areas (where an explosive gas atmosphere is not likely to occur in normal operation &, if it occurs, will only exist for a short time) & Zone 1 areas (where an explosive gas atmosphere is likely to occur in normal operation).

All Hughes pumps are ATEX compliant so the complete pumpset can be designed to meet European ATEX Directive Zone 1 & 2 requirements suitable for use in hazardous areas, typically oil & gas, on & offshore.



## 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.