

OIS Ultra High Pressure Water jetting Unit



Pump

Model	UB30	(with Stainless steel pump head)
Performance	30 l/min at 2800 bar	
	<i>(flowrates indicated are swept volume & will reduce with pressure)</i>	
Plunger diameter (mm)	18	
Input speed (rpm)	1800	
Gear ratio	3.70	
Pump speed (rpm)	486	
Power, absorbed / rated (kW)	139 / 170	
Pumped fluid	Clean, cold water, maximum 40°C	



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Controls

Overpressure protection Pressure transducer with adjustable set pressure, and a burst
Pressure readout Pressure transducer and digital display
Control valve / controls None /

Water supply

Boost pump Yes, 3-4 bar supply (nominal)
Primary filtration 10 micron (before the header tank)
Secondary filtration 1 micron (stainless steel housing after the boost pump)
Water tank Yes, stainless steel, complete with inlet float valve and level
Pipework 10 bar rated rubber hose, stainless steel fittings

Diesel Engine

Manufacturer/model Doosan / PU086TI
Cylinders 6
Emissions rating Non-compliant
Power at specified speed (kW) 189.5
Start/charge system 24v (battery assembly included)
Fuel tank capacity Sufficient for approximately 8 hours operation, with fuel level gauge

Control panel

Type Steel enclosure
Digital display/shutdown of engine and pump functions
Emergency stop

Chassis

Type Open crashframe
Four overhead lifting points
Two forklift pockets
Powder coated

Skid dimensions 2600 X 1500 X 1945 mm GW 3 tons