



80kW DIESEL HYDRAULIC POWER UNIT - ATEX ZONE 2



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Brimmond's compact 80kW Diesel Driven HPU can be used either onshore or offshore to provide a hydraulic power solution for:

- Hydraulic spoolers/reelers
- Marine cranes
- Diver tooling
- Winches
- Casing tongs
- Hydraulic flushing

Brimmond offer a range of complimentary equipment for rental; contact our hire team to find out how we can help you. For special projects, we offer a bespoke design solution, tailored to your requirements.

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WORK AREA CLASSIFICATION



 Group II Category 3 (Zone 2) Gas Group IIB
 Temperature Class T3

TECHNICAL SPECIFICATION - STANDARD SUPPLY

ENGINE TYPE	IVECO 7675i PP1106
STARTER	Pneumatic
ENGINE OUTPUT	80kW @ 2100rpm
PUMP TYPE	Main: 112cc Kawasaki Variable Displacement Piston Pump Auxiliary: Hydra-Permco Fixed Displacement Gear Pump
PUMP OUTPUT (MAX FLOW)	224lpm @ 194 bar
PUMP OUTPUT (MAX PRESSURE)	420 bar @ 155lpm (intermittant 20% working cycle) Auxiliary Pump: 40lpm & 210 bar
FILTRATION	90-micron suction, 3-micron pressure and 20-micron return (as standard, other available on request)
OIL TANK CAPACITY	600 litres
OIL TYPE	ISO 32 as standard, others on request
HYDRAULIC CONNECTION	Quick release couplings (client specified type) Main Pump: • Pressure: 1" NPT Female • Return: 1 1/4" NPT Female • Case Drain: 3/4" NPT Female Auxiliary Pump: • Pressure: 3/4" NPT Female • Return: 3/4" NPT Female • Case Drain: 1/2" NPT Female
FUEL TYPE CAPACITY	250 litres
CONTROL PANEL	<ul style="list-style-type: none"> • Side mounted • Main pump load/unload • Auxiliary pump load/unload • Engine rpm • Main pump pressure • Auxiliary pump pressure • Exhaust temperature • Coolant temperature • Hydraulic oil temperature
SAFETY FEATURES	<ul style="list-style-type: none"> • Fully enclosed unit • ESD switch • Low oil shutdown • High temp shutdown overspeed shut down • Pressure relief valves
MOVING & HANDLING	<ul style="list-style-type: none"> • DNV 2.7-1 certified lifting frame • 4-leg certified sling set • Forklift pockets
DIMENSIONS	2500mm (L) x 1580mm (W) x 2090mm (H)
WEIGHT	Gross 3,000kg

MAIN DIMENSIONS

