



57kW DIESEL HYDRAULIC POWER UNIT - ATEX ZONE 2



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Brimmond's compact 57kW Diesel Driven HPU can be used either onshore or offshore to provide a hydraulic power solution for:

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

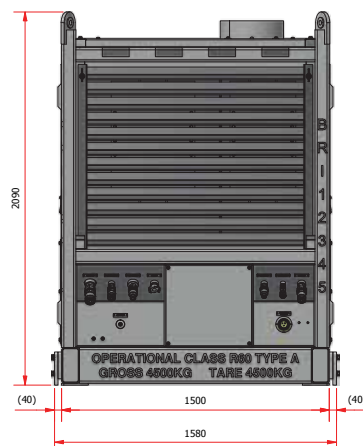
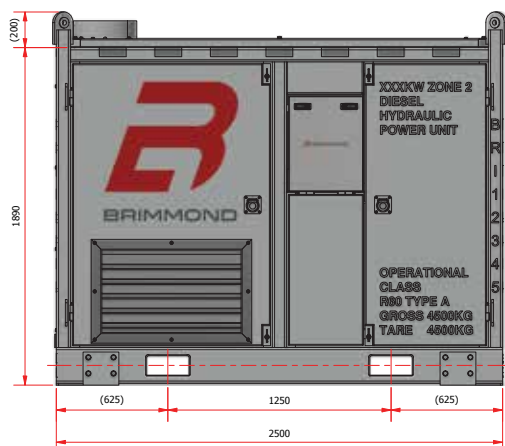


Group II Category 3 (Zone 2) Gas Group IIA
Temperature Class T3

TECHNICAL SPECIFICATION - STANDARD SUPPLY

ENGINE TYPE	JCB 444NA
STARTER	Jetstream ATEX air turbine starter
OPERATING POWER	57kW - (-10°C to +46°C) @2000rpm 52kW - (+46°C to +50°C) @2000rpm
PUMP TYPE	Main: 112cc Kawasaki variable displacement piston pump Auxiliary: Hydra-permco fixed displacement gear pump
PUMP OUTPUT (MAX FLOW)	224LPM @ 110BAR
PUMP OUTPUT (MAX PRESSURE)	320BAR @ 75LPM
AUXILIARY PUMP	40LPM & 207BAR
FILTRATION	90-micron suction, 3-micron pressure and 20-micron return (as standard, others available on request)
OIL TANK CAPACITY	460 Litre
OIL TYPE	ISO 46 or ISO 68 Hydraulic Oil as standard Quick release couplings (client specified type)
HYDRAULIC CONNECTIONS	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: 1" NPT Female - Case Drain: 1/2" NPT Female
COOLER	Air blast cooler c/w thermostatically controlled diverter valve
FUEL TANK CAPACITY	225 litres
CONTROL PANEL	- Side mounted - Main pump load/unload - Auxiliary pump load/upload - Engine rpm
SAFETY FEATURES	- Fully enclosed unit - ESD switch - Low oil shutdown - High temperature overspeed shutdown - Pressure relief valve
DECK FASTENING	Sacrificial weld down plates
MOVING & HANDLING	- DNV 2.7-3, Type A, Class R60 4-leg certified sling set - Forklift pockets
DIMENSIONS	2500mm (L) x 1500mm (W) x 2090mm (H)
WEIGHT	4500kgs (gross)

MAIN DIMENSIONS



All information is correct at the time of printing. Brimmond reserves the right to make any changes to the above specification, without prior notice, with no impact on the overall unit performance.