

120kW DIESEL HYDRAULIC POWER UNIT - SAFE AREA



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Brimmond's compact 120kW 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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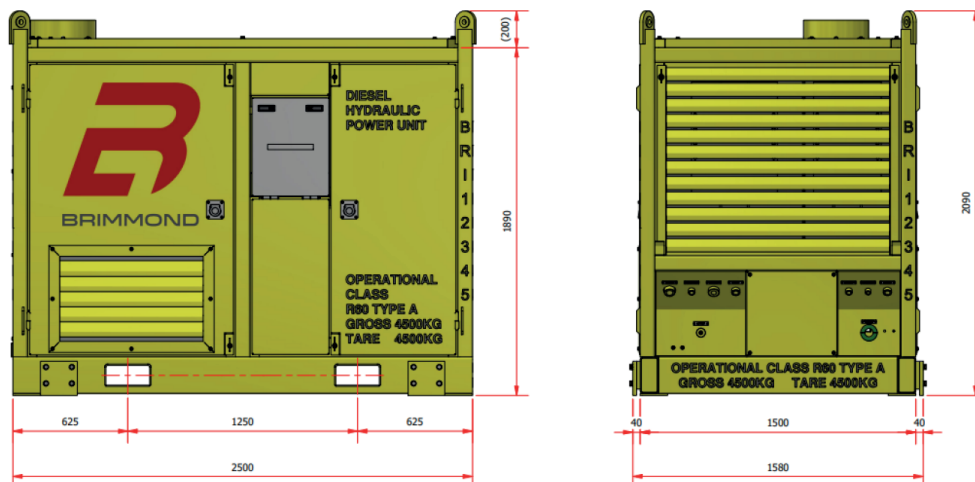
WORK AREA CLASSIFICATION

CE Suitable for Safe Area use only

TECHNICAL SPECIFICATION - STANDARD SUPPLY

ENGINE TYPE	120kW JCB 444 Turbocharged Tier 3
STARTER	12V Electric (key start)
ENGINE OUTPUT	120kW (161hp) @ 2200rpm
PUMP TYPE	Main: Parker PV140 Variable Displacement, Load Sense and Horsepower Limited @ 250bar. Auxiliary: Tandem Fxd Displacement 20cc Gear Pump
PUMP OUTPUT (MAX FLOW)	280lpm @ 233bar*
PUMP OUTPUT (MAX PRESSURE)	420bar @ 155lpm (intermittant flow and pressures available on request Auxiliary Pump: 40lpm & 210bar
FILTRATION	90-micron suction, 3-micron pressure and 20-micron return (as standard, other available on request)
OIL TANK CAPACITY	470 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 • Load Sense Line: 1/4" NPT Female Auxiliary Pump: • Pressure: 3/4" NPT Female • Return: 1" NPT Female • Case Drain: 1/2" NPT Female
FUEL TYPE CAPACITY	290 litres
CONTROL PANEL	• Electronic engine control and monitoring • Start isolation key and push button start • Emergency stop • Electric displays for main and auxiliary pressure • Display for main pump flow • Manual pump load/unload • Load sense selector valves
SAFETY FEATURES	Emergency stop • Pressure relief valves • High hydraulic oil temp shutdown • Low hydraulic oil and low fuel shutdowns • Electronic engine monitoring
MOVING & HANDLING	DNV 2.7-3, Type A, Class R60 • 4-leg certified sling set • Forklift pockets
DIMENSIONS	2500mm (L) x 1580mm (W) x 2090mm (H)
WEIGHT	Gross 4,500kg

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.