

## 107kW DIESEL HYDRAULIC POWER UNIT - ATEX ZONE 2



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Brimmond's compact 107kW 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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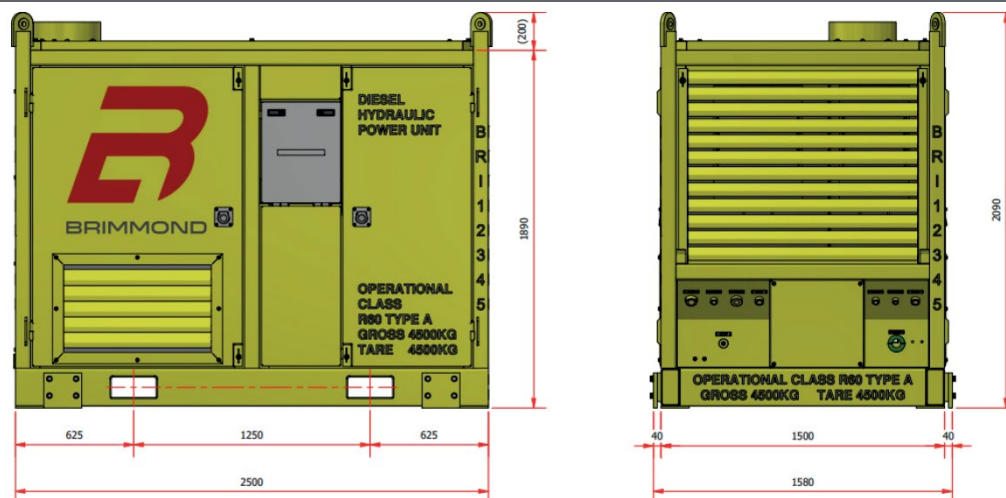
## WORK AREA CLASSIFICATION



 Group II Category 3 (Zone 2) Gas Group IIB  
 Temperature Class T4

## TECHNICAL SPECIFICATION - STANDARD SUPPLY

ENGINE TYPE	IVECO 7675i PP1406
STARTER	Pneumatic
ENGINE OUTPUT	107kW @ 2100rpm
PUMP TYPE	Main: 112cc Kawasaki variable displacement piston pump Auxiliary: Hydra-permco fixed displacement gear pump
PUMP OUTPUT (MAX FLOW)	224lpm @ 243 Bar*
PUMP OUTPUT (MAX PRESSURE)	320 Bar @ 170lpm*
AUXILIARY PUMP	40lpm , 210 bar
FILTRATION	90-micron suction, 3-micron pressure and 20-micron return (as standard, others available on request)
OIL TANK CAPACITY	600 litres
OIL TYPE	ISO 32 as standard, others on request
HYDRAULIC CONNECTIONS	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 TANK CAPACITY	250 litres
CONTROL PANEL	<ul style="list-style-type: none"> <li>• Side mounted • Main pump load/unload • Auxiliary pump load/unload • Engine rpm • Main pump pressure</li> <li>• Auxiliary pump pressure • Exhaust temperature</li> <li>• Coolant temperature • Hydraulic oil temperature</li> </ul>
SAFETY FEATURES	<ul style="list-style-type: none"> <li>• Fully enclosed unit • ESD switch • Low oil shutdown</li> <li>• High temperature overspeed shut down</li> <li>• Pressure relief valve</li> </ul>
MOVING & HANDLING	DNV 2.7-3, Type A, Class R60 • 4-leg certified sling set • Forklift pockets
DIMENSIONS	2500mm (L) 1580mm (W) 2090mm (H)
WEIGHT	Gross 4,500kgs

## 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.