

## 200kW DIESEL HYDRAULIC POWER UNIT - ATEX ZONE 2



## 200kW DIESEL HYDRAULIC POWER UNIT - ATEX ZONE 1

Brimmond's 200kW Diesel Driven HPU can be used either onshore or offshore to provide a hydraulic power solution for:

- Hydraulic spoolers/reelers
- Marine cranes
- Divers tooling
- Winches
- Power 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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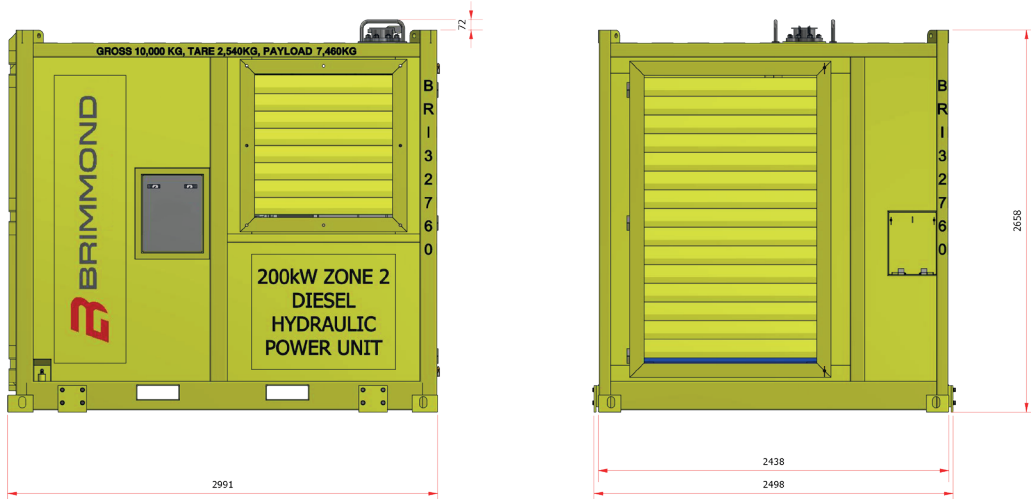
## WORK AREA CLASSIFICATION



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

## TECHNICAL SPECIFICATION - STANDARD SUPPLY

ENGINE TYPE	Volvo D7C TA 20VEZ (Cat 3 ATEX)
STARTER	Pneumatic
ENGINE OUTPUT	189kW at 2300rpm
PUMP TYPE	Main Pump: Kawasaki K3VL 200, 200cc Axial Piston Pump Auxiliary Pump: Hydra-Permco 25cc Gear Pump
PUMP OUTPUT (MAX FLOW)	400lpm @ 265 bar*
PUMP OUTPUT (MAX PRESSURE)	320 bar @ 332lpm* • Auxiliary Pump: 40lpm & 210 bar
FILTRATION	90 micron suction, 3 micron pressure, 30 micron return
OIL TANK CAPACITY	1200 litres
OIL TYPE	Hydraulic Oil, ISO 32 as standard, others on request
HYDRAULIC CONNECTIONS	Quick release couplings (client specified type) Main Pump: • Pressure: 1 1/2" NPT Female • Case Drain: 3/4" NPT Female • Return: • 2 1/2" NPT Female Auxiliary Pump: • Pressure: 1" NPT Female • Case Drain: 3/4" NPT Female • Return: 1 1/4" NPT Female
FUEL TANK CAPACITY	460 litres
CONTROL PANEL	Side mounted • Main pump load/unload • Auxiliary pump load/unload • Engine rpm • Main pump pressures • Auxiliary pump pressure • Exhaust temperature • coolant temperature, • Hydraulic oil temperature
SAFETY FEATURES	• Fully enclosed unit • ESD switch • Low oil shutdown, • High temp shutdown • Overspeed shut down • Pressure relief valve
MOVING & HANDLING	• DNV 2.7-1 certified • 4-leg certified sling set • Forklift pockets
DIMENSIONS	2991mm (L) x 2498mm (W) x 2658mm (H)
GROSS WEIGHT	10,000kg max

## 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.