

## 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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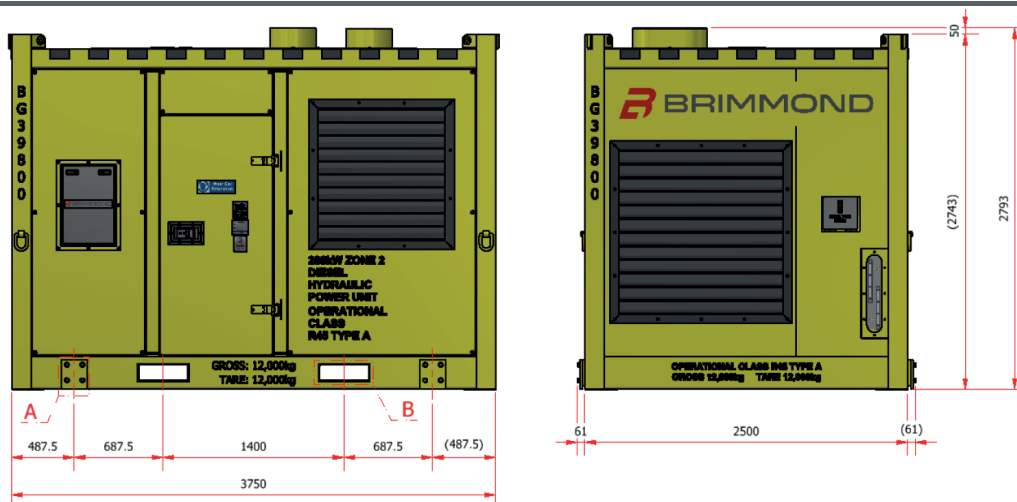
## WORK AREA CLASSIFICATION

UK & CE Ex Group II Category 3 (Zone 2) Gas Group IIB  
Temperature Class T3

## TECHNICAL SPECIFICATION - STANDARD SUPPLY

<b>ENGINE TYPE</b>	Volvo D7C TA 20VEZ (Cat 3 ATEX)
<b>STARTER</b>	Pneumatic
<b>ENGINE OUTPUT</b>	163kW at 1800rpm
<b>PUMP TYPE</b>	Main Pump 1: Kawasaki K3VL 140, 140cc Axial Piston Pump Main Pump 2: Kawasaki K3VL 140, 140cc Axial Piston Pump Auxiliary Pump: Hydra-Permco 20cc Gear Pump
<b>PUMP OUTPUT (MAXIMUM)</b>	560lpm @ 190 bar (combined)* 320 bar @ 332lpm (combined)* Auxiliary Pump: 40lpm & 240 bar
<b>FILTRATION</b>	90 micron suction, 3 micron pressure, 10 micron return
<b>OIL TANK CAPACITY</b>	1654 litres
<b>OIL TYPE</b>	Hydraulic Oil, ISO 32 as standard, others on request
<b>HYDRAULIC CONNECTIONS</b>	Quick release couplings (client specified type) Main Pump 1 & 2: • Pressure: 1 1/4" BSPP Female • Case Drain: 3/4" BSPP Female • Return: 1 1/2" BSPP Female Auxiliary Pump: • Pressure: 3/4" BSPP Female • Case Drain: 1/2" BSPP Female • Return: 1 3/4" BSPP Female
<b>FUEL TANK CAPACITY</b>	580 litres
<b>CONTROL PANEL</b>	Side mounted • Main pump load/unload • Auxiliary pump load/unload • Engine rpm • Main pump pressure
<b>SAFETY FEATURES</b>	• Fully enclosed unit • ESD switch • Low oil shutdown, • High temp shutdown • Overspeed shut down • Pressure relief valve
<b>MOVING &amp; HANDLING</b>	• DNV-ST-E273 certified frame • DNV-ST-E271 4-leg certified sling set • Forklift pockets
<b>DIMENSIONS</b>	3750mm (L) x 2500mm (W) x 2793mm (H)
<b>GROSS WEIGHT</b>	12,000kg 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.