

# 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
- Winches

Diver tooling

Casing tongs

Hydraulic flushing

Marine cranes

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

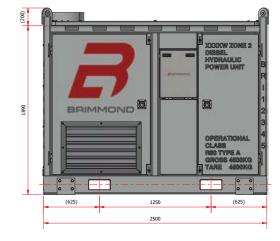


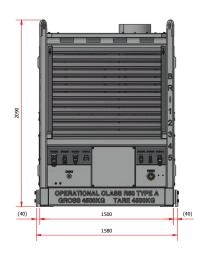
Group II Category 3 (Zone 2) Gas Group IIA Temperature Class T3

### TECHNICAL SPECIFICATION - STANDARD SUPPLY

| ENGINE TYPE   | JCB 444NA  |
|---|--|
| STARTER   | Jetstream ATEX air turbine starter   |
| 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   |
| AUXILARY 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  |
| OILTYPE   | ISO 46 or ISO 68 Hydraulic Oil as standard   |
|   | Quick release couplings (client specified type)  |
|   | Main pump: Auxilary Pump:  |
| HYDRAULIC CONNECTIONS   | <ul> <li>Pressure: 1" NPT Female</li> <li>Pressure: 3/4" NPT Female</li> </ul>   |
|   | • Return: 1 1/4" NPT Female • Return: 1" NPT Female  |
|   | • Case Drain: 3/4" NPT Female • Case Drain: 1/2" NPT Female  |
| COOLER  | Air blast cooler c/w thermostatically controlled diverter valve  |
| FUEL TANK CAPACITY  | 225 litres   |
|   | Main pump pressure     Side mounted  |
|   | Main nump load/upload     Auxilary pump pressure   |
| CONTROL PANEL   | Auxilary numn load/unload     Extraust temperature   |
|   | Engine rpm     Coolant temperature   |
|   | Hydraulic oil temperature  |
| SAFETY FEATURES   | <ul> <li>Fully enclosed unit</li> <li>ESD switch</li> <li>High temperature overspeed shutdown</li> </ul>   |
| 2, 11 2 | Low oil shutdown     Pressure relief valve   |
| DECK FASTENING  | Sacrificial weld down plates   |
|   | DNV 2.7-3, Type A, Class R60     This is a second of the second of |
| MOVING & HANDLING   | 4-leg certified sling set     Forklift pockets   |
| DIMENSIONS  | 2500mm (L) x 1500mm (W) x 2090mm (H)   |
| WEIGHT  | 4500kgs (gross)  |
| weigiti   | 4200KR2 (R1022)  |
| MAINIDIMENISIONIS   |  |

#### 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.



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