

45/52kW ELECTRIC HYDRAULIC POWER UNIT - ATEX ZONE 1



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Brimmond's compact 45/52kW Electrically Driven HPU can be used either onshore or offshore to provide a hydraulic power solution for:

- Hydraulic spoolers/reelers
- Divers tooling
- Hydraulically driven pumps
- 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.



ToftHills Avenue, Midmill Business Park,
Kintore, Aberdeenshire, Scotland, AB51 0QP, UK

+44 (0) 1467 633805
info@brimmond.com



www.brimmond.com

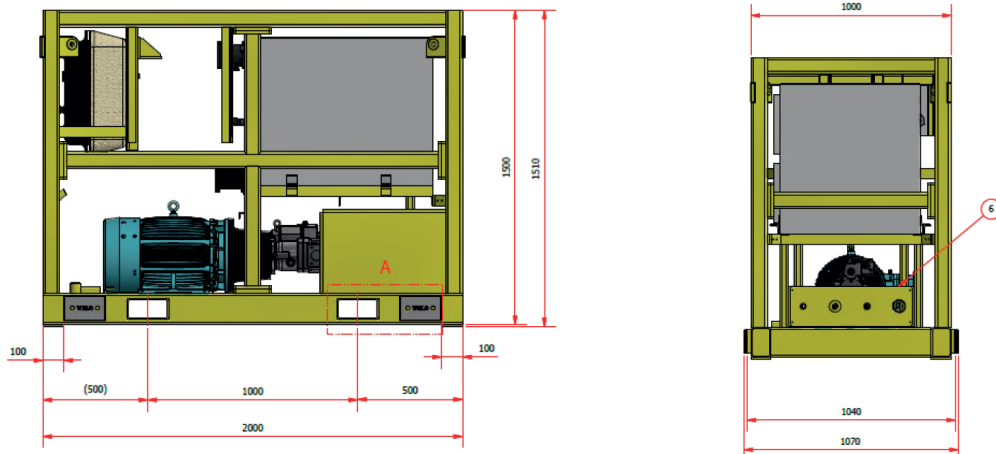
WORK AREA CLASSIFICATION



 Group II Category 2 (Zone 1) Gas Group IIB
 Temperature Class T4

TECHNICAL SPECIFICATION - STANDARD SUPPLY

| | |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOTOR TYPE | Brook Crompton thermostatically protected motor |
| ELECTRICAL REQUIREMENTS | 380V-480V, 3 phase, 50/60Hz (45kW @ 50Hz / 52kW @ 60Hz) |
| STARTER | Star Delta |
| PUMP TYPE | Kawasaki variable displacement piston pump |
| PUMP OUTPUT (MAX FLOW) | 140lpm @ 97 Bar* |
| PUMP OUTPUT (MAX PRESSURE) | 320 Bar @ 42lpm* |
| FILTRATION | 90 micron suction, 3 micron pressure and 20 micron return (as standard, others available on request) |
| OIL TANK CAPACITY | 360 Litre |
| OIL TYPE | ISO 32 as standard, others on request |
| HYDRAULIC CONNECTIONS | Quick release couplings (client specified type) • Pressure: 1" NPT Female • Return: 1 1/4" NPT Female • Case Drain: 3/4" NPT Female |
| COOLER | Blast air cooler |
| CONTROL PANEL | • Mains isolator • Emergency stop button • Start/stop push buttons • Phase reversal indicator • High temp cut off indicator • Low oil cut off indicator |
| DECK CABLE | 40 metre (when new) 4 Core 25mm ² , 3P+E |
| REMOTE EMERGENCY STOP | 25 metre (when new) |
| MOVING & HANDLING | DNV 2.7-1/EN12079 certified frame 4 leg certified sling set • Forklift pockets |
| SAFETY FEATURES | • Local E-Stop • Remote E-Stop • Low oil level shutdown • High oil temperature shutdown • Motor thermistor shutdown • Pressure relief valve |
| DECK FASTENING | Sacrificial weld down plates |
| DIMENSIONS | 2000mm (L) x 1050mm (W) 1510mm (H) |
| WEIGHT | 3,000kgs (gross) |

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.

BGF-125-REV02

*other flow and pressures available on request