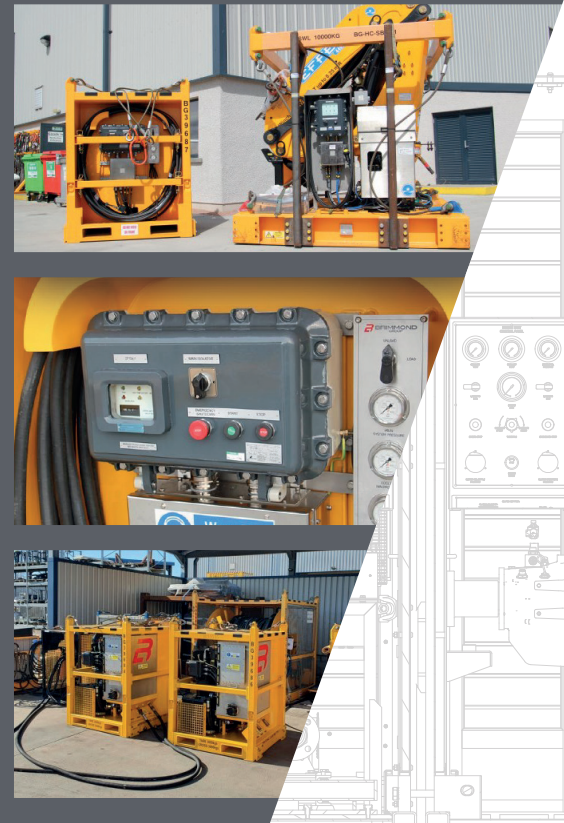


45/52kW ELECTRIC HYDRAULIC POWER UNIT - ATEX ZONE 1



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

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

- Hydraulic spoolers/reelers
- Diamond wire cutting tools
- 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.


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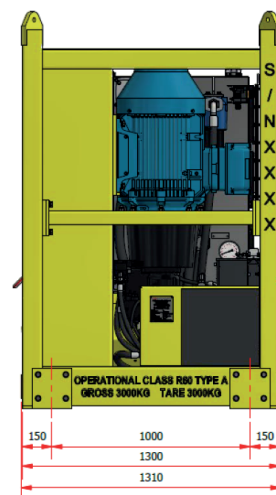
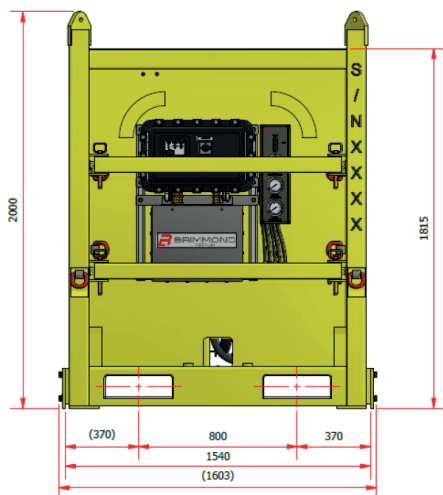
WORK AREA CLASSIFICATION



 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)	80cc: 140lpm @ 175 Bar* 112cc: 196lpm @ 125 Bar*
PUMP OUTPUT (MAX PRESSURE)	80cc: 320 Bar @ 76lpm* 112cc: 320 Bar @ 76lpm*
FILTRATION	90 micron suction, 3 micron pressure and 20 micron return (as standard, others available on request)
OIL TANK CAPACITY	460 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	Air blast cooler c/w thermostatically controlled diverter valve
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	40 metre (when new)
MOVING & HANDLING	DNV 2.7-1 or DNV 2.7-3, Type A, Class R60 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	1540mm (L) x 1300mm (W) 2000mm (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.