



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 solution for:

- Hydraulic spoolers/reelers
- Diver tooling
- Casing tongs
- 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

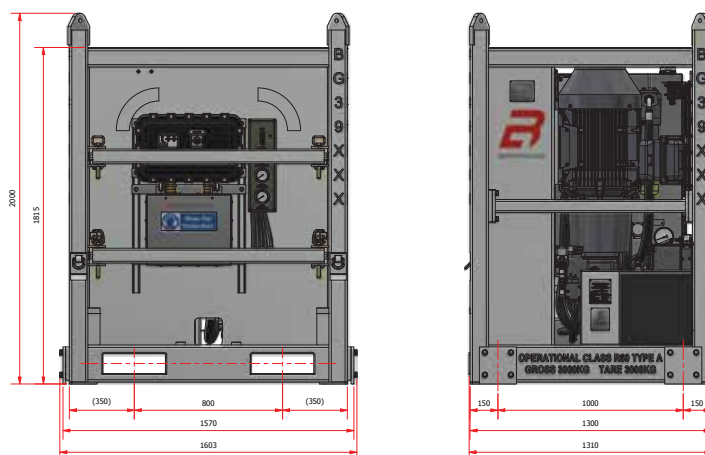


Group II Category 2 (Zone 1) Gas Group IIB
Temperature Class T4

TECHNICAL SPECIFICATION - STANDARD SUPPLY

MOTOR TYPE	Brook Crompton thermostatically protected motor
STARTER	Star Delta
OPERATING POWER	45kW / 52Kw - (-10°C to +40°C) 39.4kW / 45.5Kw - (+40°C to +50°C)
PUMP TYPE	112cc 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*
ELECTRICAL REQUIREMENTS	380V-480V, 3 phase, 50/60Hz
FILTRATION	90 micron suction, 3 micron pressure and 20 micron return (as standard, others available on request)
OIL TANK CAPACITY	420 Litre
OIL TYPE	ISO 46 or ISO 68 Hydraulic Oil as standard Quick release couplings (client specified type)
HYDRAULIC CONNECTIONS	- 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 - Start/stop push buttons - High temp cut-off indicator - Emergency stop button - Phase reversal indicator - Low oil cut-off indicator
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
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
DIMENSIONS	1540mm (L) x 1300mm (W) x 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.