

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

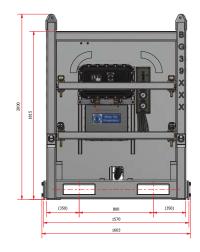


Group II Category 2 (Zone 1) Gas Group IIB
Temperature Class T4

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)
PUMPTYPE	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
FICIATION	(as standard, others available on request)
OIL TANK CAPACITY	420 Litre
OILTYPE	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
COOLER	Case Drain: 3/4" NPT Female Air blast cooler c/w thermostatically controlled diverter valve
COOLER	•••••••••••••••••••••••••••••••••••••••
CONTROL DANIEL	Mains isolator Emergency stop button
CONTROL PANEL	 Start/stop push buttons High temp cut-off indicator Low oil cut-off indicator
	Tright temp cut-on mulcator Cow on cut-on mulcator
	Local E-stop High oil temperature shutdown
SAFETY FEATURES	Remote E-Stop Motor thermistor shutdown
	Low oil level 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)
	• DNV 2.7-1 or DNV 2.7-3
MOVING & HANDLING	Type A Class R60 4 leg certified Forklift Pockets sling set
DIMENSIONS	1540mm (L) x 1300mm (W) x 2000mm (H)
WEIGHT	3,000kgs (gross)
WEIGHT	3,000/63 (81033)

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.

