



## 45/54kW COMPACT ELECTRIC HYDRAULIC POWER UNIT - SAFE AREA



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Brimmond's compact 45/54kW Electrically Driven HPU can be used either onshore or offshore to provide a hydraulic power 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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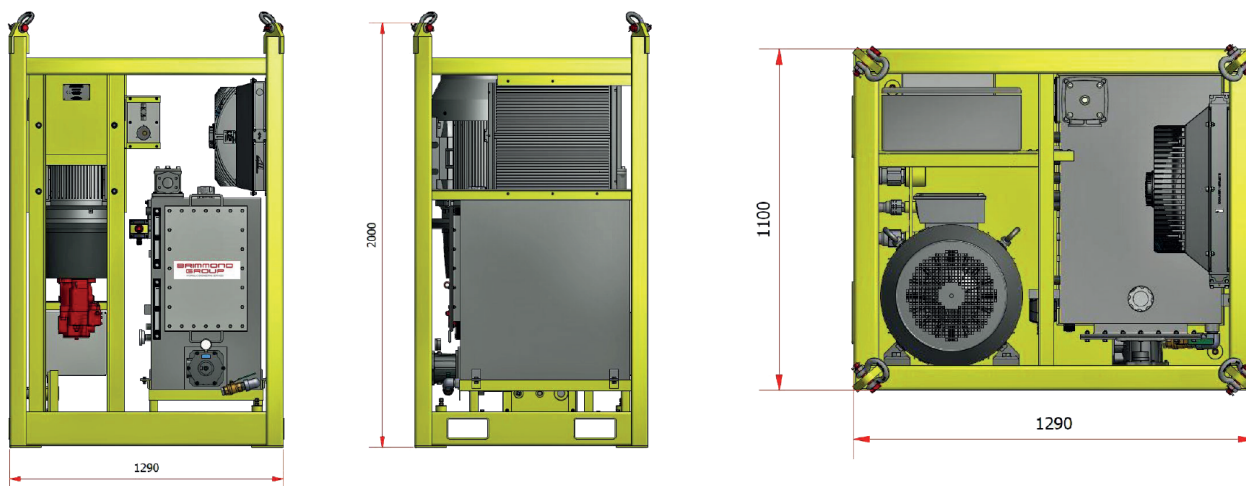
## WORK AREA CLASSIFICATION

**CE** Suitable for Safe Area use only

## TECHNICAL SPECIFICATION - STANDARD SUPPLY

MOTOR TYPE	TEC 3 Pole 45kW / 54kW electric motor
ELECTRICAL REQUIREMENTS	380V-480V, 3 phase, 50/60Hz (45kW @ 50Hz / 54kW @ 60Hz)
STARTER	Star Delta
PUMP TYPE	80cc Kawasaki variable displacement piston pump
PUMP OUTPUT (MAX FLOW)	140lpm @ 320bar (other flow and pressures available on request)
PUMP OUTPUT (MAX PRESSURE)	320bar @ 76lpm (other flow and pressures available on request)
FILTRATION	90 micron suction 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	<ul style="list-style-type: none"> <li>• Pressure: 1" NPT Female</li> <li>• Return: 1 1/4" NPT Female</li> <li>• Case Drain: 3/4" NPT Female</li> </ul>
COOLER	Thermostatically controlled air blast cooler
CONTROL PANEL	<ul style="list-style-type: none"> <li>• Mains isolator</li> <li>• Emergency stop button</li> <li>• Start/stop push buttons</li> <li>• Phase reversal indicator</li> <li>• High temp cut off indicator</li> <li>• Low oil cut off indicator</li> </ul>
DECK CABLE	20 metre (when new) 4 Core 25mm <sup>2</sup> , 3P+E
REMOTE EMERGENCY STOP	10 metre (when new)
MOVING & HANDLING	<ul style="list-style-type: none"> <li>• Frame designed in accordance with BSEN12079</li> <li>• 4 leg certified sling set</li> <li>• Forklift pockets</li> </ul>
SAFETY FEATURES	<ul style="list-style-type: none"> <li>• Local E-Stop</li> <li>• Remote E-Stop</li> <li>• Low oil level shutdown</li> <li>• High oil temperature shutdown</li> <li>• Pressure relief valve</li> </ul>
DECK FASTENING	Sacrificial weld down plates
DIMENSIONS	1290mm (L) x 1100mm (W) 2000mm (H)
WEIGHT	2,000kgs (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.