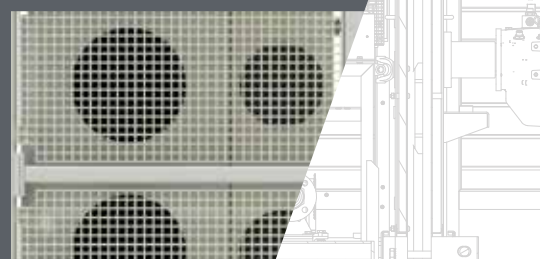




93 KW DIESEL HYDRAULIC POWER UNIT - RIGSAFE



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Brimmond's compact 93kW Diesel Driven HPU can be used either onshore or offshore to provide a hydraulic power 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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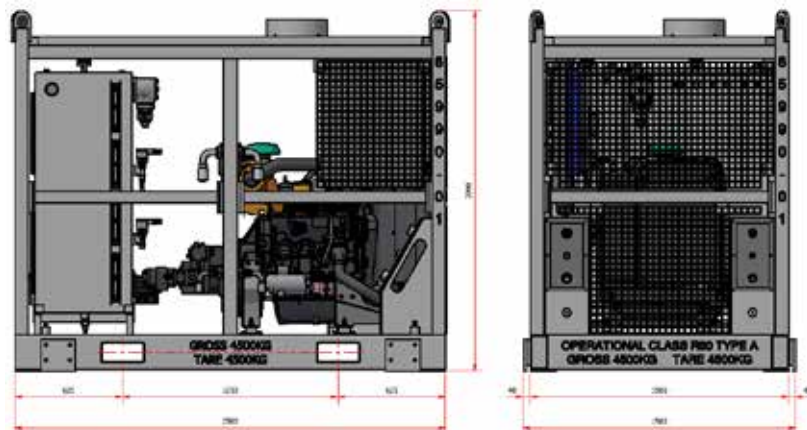
WORK AREA CLASSIFICATION



TECHNICAL SPECIFICATION - STANDARD SUPPLY

ENGINE TYPE	JCB 444 TCA
STARTER	Heavy duty spring starter
OPERATING POWER	93kW - (-10°C to +46°C) @2200rpm 89kW - (+46°C to +50°C) @2200rpm
PUMP TYPE	Main: 112cc Kawasaki variable displacement piston pump Auxiliary: Hydra-permco fixed displacement gear pump
PUMP OUTPUT (MAX FLOW)	224LPM @ 180BAR
PUMP OUTPUT (MAX PRESSURE)	320BAR @ 127LPM
AUXILIARY PUMP	40LPM & 207BAR
FILTRATION	90-micron suction, 3-micron pressure and 20-micron return (as standard, others available on request)
OIL TANK CAPACITY	600 Litre
OIL TYPE	ISO 46 or ISO 68 Hydraulic Oil as standard Quick release couplings (client specified type)
HYDRAULIC CONNECTION	Main pump: - Pressure: 1" NPT Female - Return: 1 1/4" NPT Female - Case Drain: 3/4" NPT Female Auxiliary Pump: - Pressure: 3/4" NPT Female - Return: 1" NPT Female - Case Drain: 1/2" NPT Female
COOLER	Air blast cooler c/w thermostatically controlled diverter valve
FUEL TANK CAPACITY	300 litres
CONTROL PANEL	- Main pump load/unload - Auxiliary pump load/unload - Engine rpm - Main pump pressure - Auxiliary pump pressure - Coolant temperature - Hydraulic oil temperature - Engine oil pressure
SAFETY FEATURES	- Exhaust Spark Arrestor - Emergency stop - Anti-collision bars - High temp shutdown - Overspeed shutdown (Chalwyn Valve) - Pressure relief valve
DECK FASTENING	Sacrificial weld down plates
MOVING & HANDLING	- DNV 2.7-3, Type A, Class R60 4-leg certified sling set - Forklift pockets
DIMENSIONS	2500mm (L) x 1580mm (W) x 2090mm (H)
WEIGHT	4500kgs (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-106-REV02

*other flow and pressures available on request