

# 80kW DIESEL HYDRAULIC POWER UNIT - ATEX ZONE 2



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Brimmond's compact 80kW 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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BRIMMOND ENGINEERED TO TRUST



### WORK AREA CLASSIFICATION



Group II Category 3 (Zone 2) Gas Group IIB Temperature Class T3

#### TECHNICAL SPECIFICATION - STANDARD SUPPLY

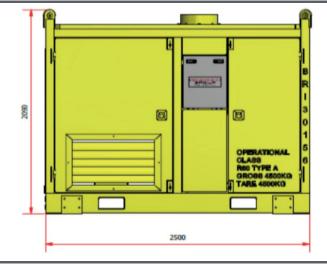
IVECO 7675i PP1106 **ENGINE TYPE** Pneumatic STARTER 80kW @ 2100rpm ENGINE OUTPUT PUMP TYPE Main: 112cc Kawasaki Variable Displacement Piston Pump Auxiliary: Hydra-Permco Fixed Displacement Gear Pump PUMP OUTPUT (MAX FLOW) 224lpm @ 194 bar 420 bar @ 155lpm (intermittant 20% working cycle) PUMP OUTPUT (MAX PRESSURE) Auxiliary Pump: 40lpm & 210 bar FILTRATION 90-micron suction, 3-micron pressure and 20-micron return (as standard, other available on request) OIL TANK CAPACITY ISO 32 as standard, others on request OIL TYPE 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: 3/4" NPT Female • Case Drain: 1/2" NPT Female FUEL TYPE CAPACITY • Side mounted • Main pump load/unlaod • Auxiliary pump CONTROL PANEL load/unload • Engine rpm • Main pump pressure • Auxiliary pump pressure • Exhaust temperature • Coolant temperature • Hydraulic oil temperature • Fully enclosed unit • ESD switch • Low oil shutdown SAFETY FEATURES High temp shutdown overspeed shut down Pressure relief valves • DNV 2.7-1 certified lifting frame MOVING & HANDLING • 4-leg certified sling set • Forklift pockets

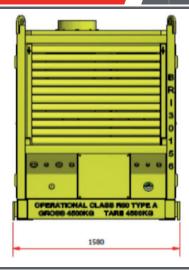
Gross 3,000kg

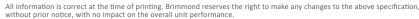
#### MAIN DIMENSIONS

DIMENSIONS

WEIGHT







2500mm (L) x 1580mm (W) x 2090mm (H)