

75KW POWER REELER™ - SAFE AREA



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Brimmond's 75kw Power Reeler can be used either onshore or offshore in safe area environments to provide a spooling solution for:

- Subsea umbilical
- Hydraulic umbilical
- Hose bundles
- Control line
- Winches
- Hydraulic flushing

Designed and built in response to our clients' feedback and requirements, the 75kW Power Reeler is a self-contained and self-powered solution for all umbilical and multi-hose applications featuring user focussed design features such as:

- Downline tool isolation
- Precision flow and pressure control
- Digital flow & pressure monitoring
- Multi-tool capability
- Client specific configuration
- Drum & control LED lighting

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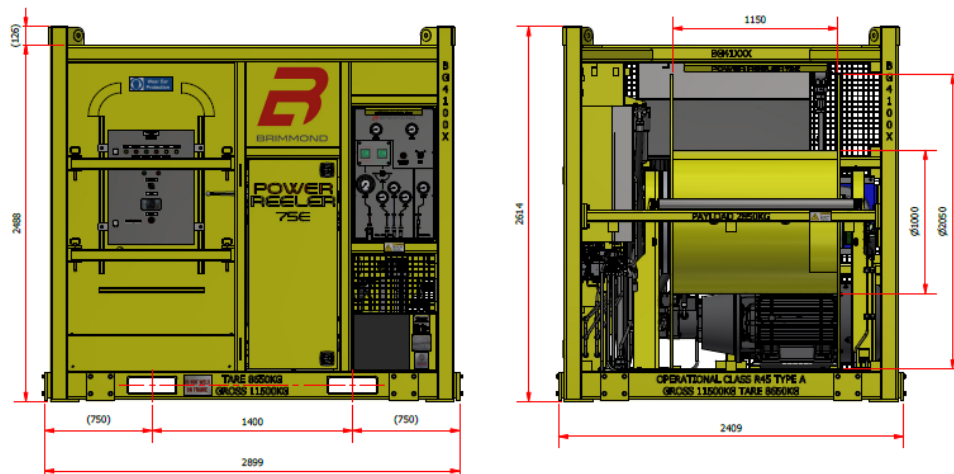
WORK AREA CLASSIFICATION

CE Suitable for Safe Area use only

TECHNICAL SPECIFICATION - STANDARD SUPPLY

MOTOR TYPE	75kW ABB thermostatically protected motor
ELECTRICAL REQUIREMENTS	380 - 480V, 3-Phase, 50/60Hz
STARTER	75kW Soft starter
MAIN HYDRAULIC PUMP	Kawasaki K3VL 200cc
MAXIMUM SYSTEM FLOW	240lpm @100Bar
MAXIMUM SYSTEM PRESSURE	400Bar @60lpm
FILTRATION	90 micron suction, 3 micron pressure and 20 micron return
OIL CAPACITY	500 Litre
OIL TYPE	ISO 32 as standard, others on request
COOLER	Air blast cooler c/w thermostatically controlled diverter
CONTROL PANEL	<ul style="list-style-type: none"> • supply & function pressure gauges • Emergency stop button • Flow read out & control for main A/B service & Aux A1/B1
DECK CABLE	40 metre (when new) - Ø 47mm ships braid
REMOTE EMERGENCY STOP	40 meter (when new)
SAFETY FEATURES	<ul style="list-style-type: none"> • 3x local E-Stops • Remote E-Stop • Low oil level shutdown • High oil temperature shutdown • Optional external shutdown • Motor thermistor shutdown • Hydraulic pressure relief valve
DRUM DIMENSIONS	Core Ø: 1000mm • Flange Ø: 2050mm • Width: 1150mm
DRUM SPEED (MAXIMUM)	5 RPM
LINE PULL	2,000kgs
DOWN-LINE PRESSURE & FLOW	<ul style="list-style-type: none"> • 200m Supplied as standard (configurable on request) • 1x PVG 120 - 180lpm & 400Bar as standard • 2x PVG 32 - 25lpm & 220Bar as standard • 1x PVG 32 - 10lpm & 220Bar as standard
MOVING & HANDLING	<ul style="list-style-type: none"> • Frame designed to DNV 2.7-3, Type A, Class R45 • 4 leg certified sling set • Forklift pockets
DECK FASTENING	Sacrificial weld down plates
DIMENSIONS	2932mm (L) x 2442mm (W) x 2614mm (H)
WEIGHT	GROSS - 11,500kg TARE - 8,650kg

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