

Triton[®] MRV



Ultra Heavy Duty Work Class ROV

■ Depth Rating	3000 MSW
■ Power	100/150 HP
■ Through Frame Lift	3250 kg
■ Control System	Single Mode Fibre Optic Selnets
■ Payload Capacity	150 kg



PERRY SLINGSBY SYSTEMS, LTD.

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Specifications	Options
<p>Dimensions</p> <p>Length: 3000 mm Width: 1800 mm Height: 1880 mm Depth Rating: 3000 m Weight in Air: 3750 kg (Includes payload) Payload Capacity**: 150 kg (Based on average payload specific gravity of 11.0)</p> <p>Power Pack: 75 kW, 100 HP Thrusters Horizontal: 4 x 380mm Ø (Diagonal Pair Isolates) Bollard Pull (Nominal) Based on fitted power pack only Forward: 630 kgf Lateral: 550 kgf Vertical (up): 330 kgf Through Frame: 7000 kg (sea state 6)</p> <p>Standard Fit</p> <ul style="list-style-type: none"> -Gyro/Fluxgate Compass -Auto Functions (Heading/Depth/Altitude) -Pitch/Roll Sensor -General Function Valve Pack (12 Functions) -Digiquartz Depth Gauge -Lights (8 x 250 W) on 4 Dimmer Circuits <p>Interfaces for</p> <ul style="list-style-type: none"> -Manipulator (Left/Right) -Sonar -Lights -General Function Valve Pack (2nd) -Camera (8 Cameras, 5 with Focus, 2 with Zoom) <p>Telemetry</p> <ul style="list-style-type: none"> -Transmission via single mode optical fibres - 4 realtime video channels, 8 serial data channels -Real Time Diagnostics <p>Power Distribution</p> <ul style="list-style-type: none"> -Individual Vehicle System Isolation -Spare Power available for customer 120 VAC/24 V DC <p><small>Data Sheet: A001-350-047 Issue 3</small></p>	<p>Vehicle Options</p> <ul style="list-style-type: none"> ■ General Functions Valve Pack (2nd) ■ Hydraulic Intensifier ■ Cable Cutters ■ Oil Transfer System for Tooling Applications ■ Hydraulic Tools Manifold ■ Cameras (8 maximum) -Mono/Colour/Sit -Pan and Tilt Units ■ Lights (2 kW Maximum) -Spot/Flood -Dimmers, 4 light dimmable in pairs ■ Navigation -Sonar -Acoustic Beacons -Xenon Flasher -Radio Beacon -Altimeter <p>SYSTEM OPTIONS</p> <ul style="list-style-type: none"> ■ Main Umbilical -Armoured/Soft ■ Surface Handling -'A' Frame/Crane System -Winch to Customer Specification ■ Control Cabin -Certified/Zone Rated ■ Control Console -3-5 Bay Ergonomically Designed -Graphics/Video/Sonar Monitors -Video Overlay/Switching/Recording -Surface Communications -Manipulator Control ■ Tether Management System -Tophat/Garage variable tether length to 750m -200 metres Tether (Tophat) -750 metres Tether (Garage) -3000 metres Depth Rating ■ Workskids -Manipulator (Master-Slave/Rate Control) -Dredging -XYZ Tool Deployment -Survey -Specialist Diving Intervention Packages

The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement.

