



**LEAD
Marine
Contractors
Limited**



Deep Trekker Revolution ROV (Remote Operated Vehicle) General Specification



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Mind over Water

General Specification

ROV – MAIN DIMENSIONS

Name	Deep Trekker Revolution ROV with Sonar and Arm
Width	440 mm (17.3")
Height	235 mm (9.3")
Length	717 mm (28.2")
Weight (in air)	26 kg (57 lb)
Body Material	Anodized Machined Aluminum, Carbon Fiber, Stainless Steel, & Buoyancy Foam
Window Material	Sapphire & Acrylic
Depth Rating	305 m (1000 ft)
Operating Temp	-10°C to 50°C (14°F – 122°F)
Case (optional)	Custom Pelican Air 1650, Handle and Wheels
Drives/Thruster	Magnetically Coupled/Sealed
Tether Length Options	Up to 300m (Copper), Up to 2km (Fiber), Custom Tether Options Available

ROV ELECTRICAL SYSTEM

System Voltage	19.2 VDC, 18Ah, LiFePO4
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LIGHTS AND CAMERA

Video	Enhanced 4K Camera
Picture	JPG 8mp
Lights	High Efficiency LED