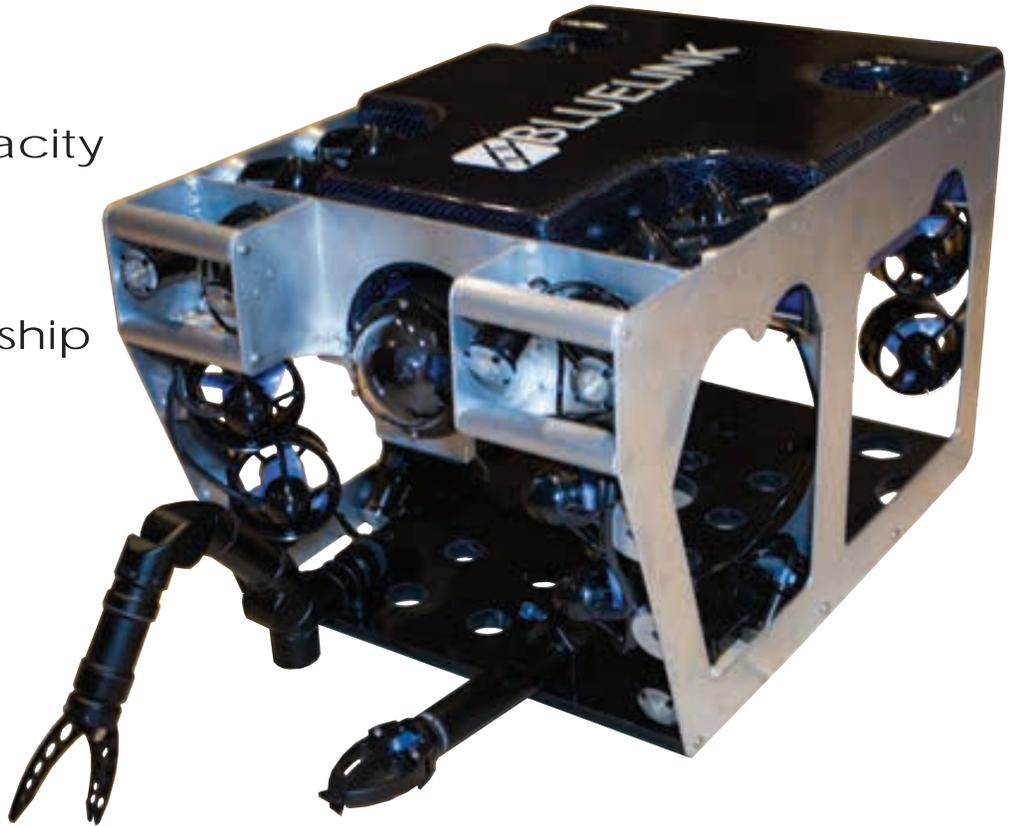


The BL300 ROV is heavy duty inspection class ROV which combines cutting edge thrust vectored layout and durable frame with excellent payload capacity and connectivity. Proven off-the-shelf components combined with opensource control software enable provide quick access to spares and easy user configuration. Surface power, HD video, serial connectivity, a 300m depth rating (deeper rated buoyancy available), and a thorough factory acceptance test provide a professional platform ready to use out of the case.

- + 300m Depth Rating
- + High Payload Capacity
- + 32kg Bollard Thrust
- + Low Cost of Ownership



Depth Rating	1000ft (300m)
Dimensions	Length 28.5in (724mm) Width 18.25in (464mm) Height 16.75in (425mm)
Weight in Air	66lbs (30kg) without ballast
Payload Capacity	25lbs (11.3kg) (fresh water)
Payload Area	24in (610mm) long 18in (457mm) wide
Thrusters (Connectorized)	8 x Lateral 6 x Vertical
ROV Power Supply	3500 Watts (Continuous)
Ballard Pull Force (Continuous)	55lbs (25kg) vertical 55lbs (25kg) lateral
Ballard Pull Force	80lbs (36kg) vertical 70lbs (32kg) lateral

Frame Material	6061-T6 Aluminum, 1/8 <sup>th</sup> in (3.17mm)
Skid Material	UHMW, 3/4in (19mm)
Buoyancy	Urethane closed cell foam with fiberglass coating
Camera	1080p HD Video
LED Lighting	10 x 1500 Lumen Light Heads
Connectivity	1x Spare 100Mbps Ethernet + 2x RS232 + 1x TTL + 1x NTSC/PAL Video + GPIO
Tether Disconnect	Subconn 8-pin Micro with Strain Relief
Tether	Neutrally Buoyant 15mm Diameter 2 x 16AWG + 3 x 2 x 26AWG + Shield
Options	Newton Gripper, 5-Function Arm, Altimeter, Scanning Sonar, Multibeam Sonar, CP Probe, UT Gauge, Sub-Bottom Profiler, DVL & Acoustic Tracking Systems

(Preliminary Information)