

ULTRA HEAVY DUTY X-TREME (UHD)

ROV
Technical Data



Ultra Heavy Duty X-Treme ROV

- *New technology in isolated pumping system can provide up to 150hp for fluid intervention needs*
- *Reduced maintenance, replacement and repair time*
- *Capable of pumping 2 separate fluids while being API 53 compliant for BOP functioning*
- *Integrated HD video system over Ethernet*
- *Improved thrust performance*
- *Higher payload*

The UHD X-treme is a powerful ROV with an advanced control system, and plenty of payload to perform any subsea task efficiently and with ease. Designed with the most advanced technology, this system leads the industry in reliability and performance. The vehicle's modular configuration decreases maintenance time 6-to-1 compared to standard industry vehicles. Integrated into the ROV is the new state of the art ISOL pump. This pump is an isolated hydraulic power unit that redefines ROV fluid intervention. Available as an option is the capability to meet the API 53 requirements for BOP intervention.



Tether Management System:

- 7.2'W x 11.5'L x 7.2'H
- Weight Air: 3,100kg / 6,834lbs
- Weight Water: 1,800kg / 3,968lbs
- Tether Length: Standard 850m (Optional: 1,500m / 4,921ft)
- Fail-safe Latches for ROV
- Variable Speed Control

Launch and Recovery System:

- Armored Umbilical 4,500m / 14,764ft
- Winch (Right Angle or Direct Dive)
- Active Heave Compensation
- A-Frame (Over Center or Telescopic/Low Dip Style gets ROV closer to water)

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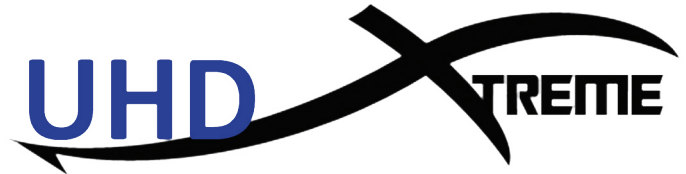


ROV Tooling:

- Accommodate 4 point mechanical interface
- Capable of pumping 2 separate fluids simultaneously
- Multitude of proportional control valves

Communication:

- 1 Gigabit digital telemetry system
- Real time remote monitoring
- Diagnostics reporting
- 24 hour logistics support
- Live video streaming & recording
- Easy integration



SPECIFICATIONS (CONTINUED)



PERFORMANCE	Inspection, Maintenance & Repair (IMR)
	Intervention and Remediation
	Field Development and Installation
	Drill Support
	Salvage Decommission BOP Intervention
DIMENSIONS	6.2ft W x 11.5ft L x 6.8ft H
	Deck Space Volume: 30 cubic feet
WEIGHT	Air: 5500kg. / 12,125lbs
CAPABILITIES	Depth Rating: 4,000 m / 13,124ft seawater
	Payload: 450kg / 992lbs
	Electric motor: 250hp
	Through Frame Lift: 3,700kg / 8,157lbs
	Thrust: Horizontal 2,650lbf / 1,200kgf • Vertical 2,200lbf / 1,000kgf
HYDRAULICS	Bollard Pull:
	Forward/ Aft/ Lateral: 1,200kgf / 2,645lbf
	Vertical, Up / Down: 1,000kgf / 2,204lbf
CONTROLS	250hp Hydraulic Power Unit
	Dual 135cc pumps @ 64gpm /242lpm each
	50hp Auxiliary Tooling Interface built into ROV
	Valve packs have modular design for quick and easy maintenance
CERTIFICATIONS	StationKeep™ Function
	2 Fully Redundant control stations to operate ROV, TMS & other subsystems
	Automated diagnostics assist trouble-shooting and repair
CERTIFICATIONS	DNV for Containers (Vans), Winch and A-Frame
	Zoning as required
	U/W Electrical Design Standard

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