

# WORK CLASS ROV

## TRITON XL 150 HP

### HEAVY DUTY WORK CLASS ROV

The Triton XL has earned a peerless reputation for delivering reliable, heavy duty performance in the demanding offshore industry. Building on this reputation, variations on the XL range are still being built today. This ROV system has had the following upgrades:

- Upgraded thrusters
- Upgraded HPU to 150 HP



#### Capabilities/ Scope of Work:

- Route, Site & UXO Survey
- Pre/Post surveys
- Offshore survey and Construction Support
- Pipeline & Cable Lay Clearance Inspection
- Touch Down Monitoring (TDM)
- Platform, Pipeline & Cable Inspection
- Platform, Pipeline & Cable Maintenance
- Calm Buoy, Riser & flowline inspection
- Cable Survey
- Intervention operations



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<u>Vehicle Power</u>	150 HP Upgraded XL power pack
<u>Depth Rating</u>	2500m
<u>Payload</u>	200kg
<u>Weight in Air</u>	3500kg
<u>Dimensions</u>	3.1m(L) x 1.52m(W) x 1.85m(H)
<u>Thrusters</u>	4 x 15" Horizontal, 3 x 15" Vertical
<u>Bollard Pull</u>	900kgf Forward, 900kgf lateral
<u>Forward Speed</u>	up to 3 Knots
<u>Lateral Speed</u>	up to 3 Knots
<u>Vehicle Control</u>	Auto Heading, Auto Depth, Auto Altitude
<u>Modes</u>	
<u>Manipulators</u>	Schilling 7 and 5 function manipulators fitted
<u>Video Tx</u>	Fibre Optic through umbilical
<u>Deployment</u>	Vehicle Lift mechanism designed to operate either as: A-Frame launched Garage TMS Crane Launched Free-Swimming
<u>TMS</u>	Top Hat Design
<u>Tether length</u>	450mts
<u>Dimensions</u>	2.18m(H) x 2.0m(Dia) m
<u>Weight</u>	2500kg

#### DEPLOYMENT, CONTROL & MAINTENANCE

<u>Control Cabin</u>	A60 Control Cabin DNV Compliant Std 20" Container
<u>System Power</u>	3-Phase Supply 440 VAC 50/60 Hz
<u>Dimensions</u>	6.00m(L) x 2.50m(W) x 2.90m(H)
<u>Weight</u>	12000kg
<u>Launch &amp; Recovery System</u>	A-Frame
<u>Dimensions (stowed)</u>	8.0m(L) x 2.9m(W) x 3.7m(H)
<u>Weight</u>	14700kg
<u>Power Pack dimensions</u>	1.8m(L) x 2.9m(W) x 1.8m(H)
<u>Power Pack weight</u>	4000kgs
<u>Outreach</u>	4.4 mt
<u>Winch Dimensions</u>	
<u>Umbilical Length</u>	2300mt
<u>Dimensions</u>	2.9m(L) x 2.9m(W) x 2.0m(H)
<u>Weight</u>	28000kg
<u>Stores Cabin</u>	DNV Compliant Std 20' Offshore Container
<u>Power Required</u>	440V AC, 60Hz, 63A supply
<u>Dimensions</u>	6.00m(L) x 2.50m(W) x 2.90m(H)
<u>Weight</u>	10000kg