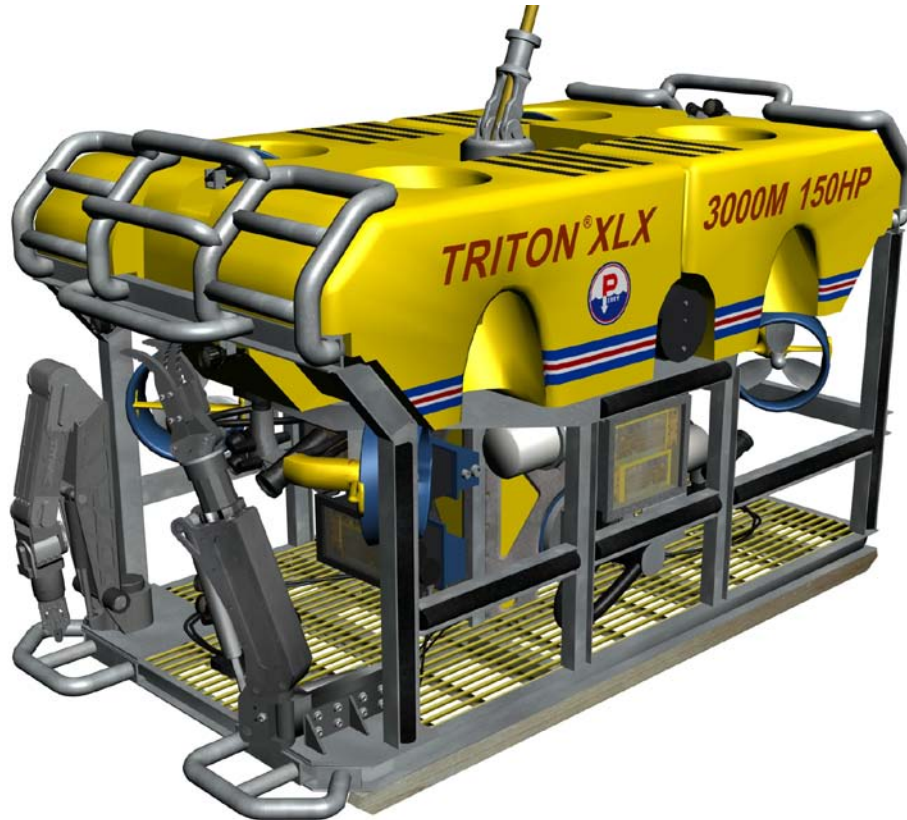


Triton[®] XLX



Heavy Duty Work Class ROV

■ Depth Rating	3000/4000 MSW
■ Power	150-250 HP
■ Through Frame Lift	3000 kg
■ Control System	ICE [™] Real Time Control System with Gb Telemetry and Graphical Diagnostics
■ Control Modes	Heading, Depth, Altitude and Auto Position [™]
■ Payload Capacity	250-550 kg



PERRY SLINGSBY SYSTEMS, LTD.

A MEMBER OF THE TRITON GROUP

www.perryslingsbysystems.com

Specifications

Dimensions

Length:	3226 mm
Width:	1803 mm
Height:	2000-2148 mm
Depth Rating:	3000-4000 m
Weight in Air:	4900/5600 kg
Payload Capacity:	250-550 kg
Power Pack (Shaft/HP)	150-250
Thruster Horizontal:	4 x 380 mm Ø
Thruster Vertical:	4 x 300 mm Ø
Turning Rate:	40 deg. per second
Auto Heading Control:	Automatic to ± 2.0 degree
Pitch and Roll Control	± 5.0 degrees
Depth Control	Automatic to ± 150 mm
Altitude Control	Automatic to ± 150 mm
Bollard Pull (Nominal)	
Forward:	1100 kgf
Lateral:	1100 kgf
Vertical:	900 kgf
Through Frame Lift:	3000 kgf

Standard Equipment

- Gyro/Fluxgate Compass
- Pitch/Roll Sensor
- Digiquartz Depth
- Doppler Velocity Log-ROV DP
- Auto Functions (Heading/Depth/Altitude/Position)
- 16 Station Proportional NG3 Main Manifold
- 14 Station Proportional Thrusters Manifold-6 spare functions
- 12 Station Proportional Tooling Manifold
- 500 watt lights on dimming circuits available (6)
- Circuits x/2 x 250 watt lights per standard (6)

Interfaces For

- Manipulator (Left/Right)
- Sonar
- Hydraulic Interfaces
- Electric Tool Interfaces

Telemetry

- Realtime Video Channel (8)
- Spare Fiber Optic Wavelengths (4 total)
- Devoted Serial Channels for Gyro, Digiquartz
- Standard survey interfaces 12 (8 x RS232 4 x RS485)
- Various options up to 44 serial channels
- Voltage feedback for input power and all switching controls
- Current sensing on each channel
- 1 Gb Ethernet survey mux
- Various AC and DC sensor with up to 42 power channels

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Power Distribution

- 215 KVA Transformer for Vehicle Hydraulics (1)
- 8.5 KVA Transformer for Vehicle Electronics (1)
- 15 KVA Transformer for TMS-HPU (1)
- 2 KVA Transformer for TMS Electronics (1)
- Ground fault detection circuits
- Deck cable interface
- CB, OL and current/voltage sensor

Control System

- Utilizes the evolutionary ICE™ Integrated Control Engine
- Fully redundant Windows® based HMI Computers
- Dedicated real-time controllers
- Intuitive Graphic User Interface (GUI)
- Advanced graphical interactive diagnostics
- User configurable GUI
- Ergonomic pilot/co-pilot control consoles and touch screen control interfaces
- 4 x 40" HD Plasma video wall

System Options

Main Umbilical

- Armored/Soft

Surface Handling

- 'A' Frame/Winch to Customer specification

Control Cabin

- Certified/Zone Rated

Control Console

- Advanced Console or Integrated Chair Control
- Video Wall (Four 40" LCD Monitors)
- Surface Communications
- Manipulator Control

Tether Management System

- Tophat or Garage
- 350 or 650 m Tether (Tophat)
- 750 or 1000 m Tether (Garage)

Workskids

- Survey & Bathymetric suites
- Suction Pile
- Variable Ballast
- Jetting Module
- Tool Interface Module
- Telemetry

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.

