

# TRITON XLX

## WORKCLASS ROV SYSTEM



The OMS **Triton XLX ROV** system is a versatile, compact, and powerful **150 Hp** work-class ROV designed to handle a wide range of demanding subsea operations offering reliability that has made the series a global standard.

The OMS **Triton XLX ROV** system represents the pinnacle of subsea intervention technology, delivering advanced operational capabilities with powerful thrust, high through-frame lift capacity, and outstanding payload flexibility. Designed to excel in even the most demanding offshore projects, it offers unmatched performance and adaptability.

### Key Features

- ⇒ **3,000m Rated**
- ⇒ **300kg Payload**
- ⇒ **Auto Functions:**
  - Heading
  - Depth
  - Altitude
  - Park
- ⇒ **Dynamic Positioning**
- ⇒ **Waypoint Follow**
- ⇒ **Versatile Applications:**
  - Tooling Packages
  - Survey Sensors
  - Inspection Tools

### Core Equipment

- ⇒ **Schilling T4 7f Manipulator**
- ⇒ **PSSL TA60 5f Manipulator**
- ⇒ **Fibre Optic Gyro (FOG)**
- ⇒ **Doppler Velocity Log (DVL)**
- ⇒ **Digiquartz Depth Sensor**
- ⇒ **CCD Colour Camera**
- ⇒ **Low Light B & W Camera**
- ⇒ **Pan & Tilt units**



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### TECHNICAL SPECIFICATION

#### Triton XLX ROV

Item	Specification	Item	Specification
Length (mm)	3,226	Turning Rate	40° per second
Width (mm)	1,803	Auto Heading Control	Automatic to $\pm 2.0^\circ$
Height (mm)	2,000	Pitch and Roll Control	$\pm 5.0^\circ$
Depth Rating (m)	3,000	Depth Control	Automatic to $\pm 152$ mm
Weight in Air (kg)	4,900	Altitude Control	Automatic to $\pm 152$ mm
Payload Capacity (kg)	300	Through Frame Lift (kgf)	3,000
Power Pack (Shaft Hp)	150	Bollard Pull (Nominal) Forward (kgf)	1,100
Thrusters Horizontal (mm Ø)	4 x 380	Bollard Pull (Nominal) Lateral (kgf)	1,100
Thrusters Vertical (mm Ø)	4 x 305	Bollard Pull (Nominal) Forward (kgf)	1,030

#### LARS Equipment

Item	Specification	Item	Specification
<b>A-Frame &amp; Skid Specifications</b>		<b>Snubber Specifications</b>	
SWL (kg) in Air	10,725	Snubber Lateral Tilt	$\pm 20^\circ$
Design Load (kg)	32,175	Snubber Longitudinal Tilt	$\pm 15.0^\circ$
Length (mm)	8,000	Snubber Rotation	200°
Width (mm)	2,900	<b>Winch Specifications</b>	
Height—Full Extension (mm)	4,750	Winch Max. Line Speed	70 m/min
Height—Stowed (mm)	2,240	Max Umbilical Length (m)	3,300
Weight (kg)	16,000	Length (mm)	3,000
Deployed Reach—Max. (mm)	4,650	Width (mm)	2,900
Deployed Reach—Min. (mm)	3,277	Height (mm)	3,435
Width between A-frame legs (mm)	2,300	Weight (kg) / c/w 3,300m Umbilical	16,500 / 28,500

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#### LARS Equipment Cont

Item	Specification
<b>Power Pack</b>	
Width (mm)	1,800
Length (mm)	2,500
Height (mm)	1,800
Power @50Hz / 60Hz	2 x 75 kW / 2 x 85 kW
Payload Capacity (kg)	300
Current Max. Load 440V (A)	132
Ingress Protection	IP 56



#### Control Container



Item	Specification
<b>A60 Safe Area Control Van—DNV 2.7.1</b>	
Length (mm)	6,100
Width (mm)	2,440
Height (mm)	2,590
Gross Weight (kg)	12,000
<b>Control Systems</b>	
⇒	Utilises evolutionary ICE™ system.
⇒	Dedicated real-time controllers
⇒	Intuitive Graphic User Interface
⇒	Advanced Graphical Interface Diagnostics
⇒	User Configurable GUI
⇒	Ergonomic Control Consoles c/w Touchscreen Interface
⇒	Manipulator Control
⇒	Surface Communications
⇒	Videowall

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