

# Triton<sup>®</sup> XLS



The Triton<sup>®</sup> XLS is a multi-functional, heavy work class ROV system which incorporates much of the proven technology of the Triton<sup>®</sup> system with upgrades in features and capabilities. This latest evolution in the Triton<sup>®</sup> XL series has resulted in a versatile, 150 Hp ROV with maximized performance and reliability, suitably capable of handling:

## HIGHLIGHTS

- 150Hp Heavy Work Class ROV
- 10,000 FSW Depth Rating
- 6,600 Lbs Through Frame Lift

- Demanding Subsea Construction Support
- Subsea Completions
- General Intervention Tasks
- Repair and Maintenance
- Platform and Pipeline Inspections
- Drill Rig Support

Specifically designed for ultra deepwater operations down to 3,000m, the improved vertical thrust and through frame lift capability (6,600 lbs) of the Triton<sup>®</sup> XLS provides an excellent working platform for a wide variety of SURF Subsea, Inc. (SURF) customized ROV tooling packages and intervention work skids.



# SPECIFICATIONS

## TECHNICAL SPECIFICATIONS

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|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Depth Rating                      | 10,000 FSW (3,048 m)                |
| HPU Shaft Hp                      | 150 Hp                              |
| Through Frame Lift                | 6,600 lbs (2,994 Kg)                |
| Control System                    | Single Mode, Fiber Optic P.C. Based |
| Electrical Supply                 | 480 VAC 3-phase 60 Hz               |
| Tether Capacity                   | 600 meters useable (35 mm Tether)   |
| Thruster Horizontal/Vertical (mm) | 8                                   |

## DIMENSIONS

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|                            |                     |
|----------------------------|---------------------|
| Length (inc. manip. mount) | 120 in (3048 mm)    |
| Width                      | 70 in (1778 mm)     |
| Height                     | 76 in (1930 mm)     |
| Weight in Air              | 8,500 lbs (3856 Kg) |
| Reserve Payload            | 550 lbs (249 Kg)    |

## STANDARD FEATURES

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|                             |  |
|-----------------------------|--|
| Manipulators (2)            | 5 function grabber<br>s/c 7 function manipulator                             |
| Sonar (1)                   |  |
| Cameras (7)                 |  |
| Lights and Brackets (8)     |  |
| Altimeter (1)               |  |
| Hydraulic Pan & Tilt (2)    |  |
| Hydraulic Tilt (1)          |  |
| Gyro/Fluxgate Compass       |  |
| Pitch/Roll Sensor           |  |
| Digiquartz Depth Gauge      |  |
| Auto Functions              | Heading/Depth/Altitude   |
| General Function Valve Pack | 10 Station Tooling Manifold and<br>4 Station Proportional Control Valve Pack |

## TELEMETRY

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| Real Time Video Channels (8)                           |
| Spare Fiber Optic Interface Card Slot (2)              |
| Customer Solenoid Valve Drivers (Pre-wired) (9)        |
| Customer Digital & Analog Out/In (16)                  |
| Full Duplex RS232 @115 Kbps Data Channels (4)          |
| Full/Half Duplex RS485/422/232 @ 115 Kbps Channels (4) |

## LAUNCH AND RECOVERY SYSTEM

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The system performs all launch and recovery functions associated with the umbilical. Principal components in the system include an ROV Lift Winch, LARS, Electro-Active Levelwind System, Electro-Hydraulic Power System, and Controls.

|            |   |
|------------|---|
| Line Speed | Empty Drum 59 feet per minute (18 meters per minute)<br>Full Drum 98 feet per minute (30 meters per minute) |
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