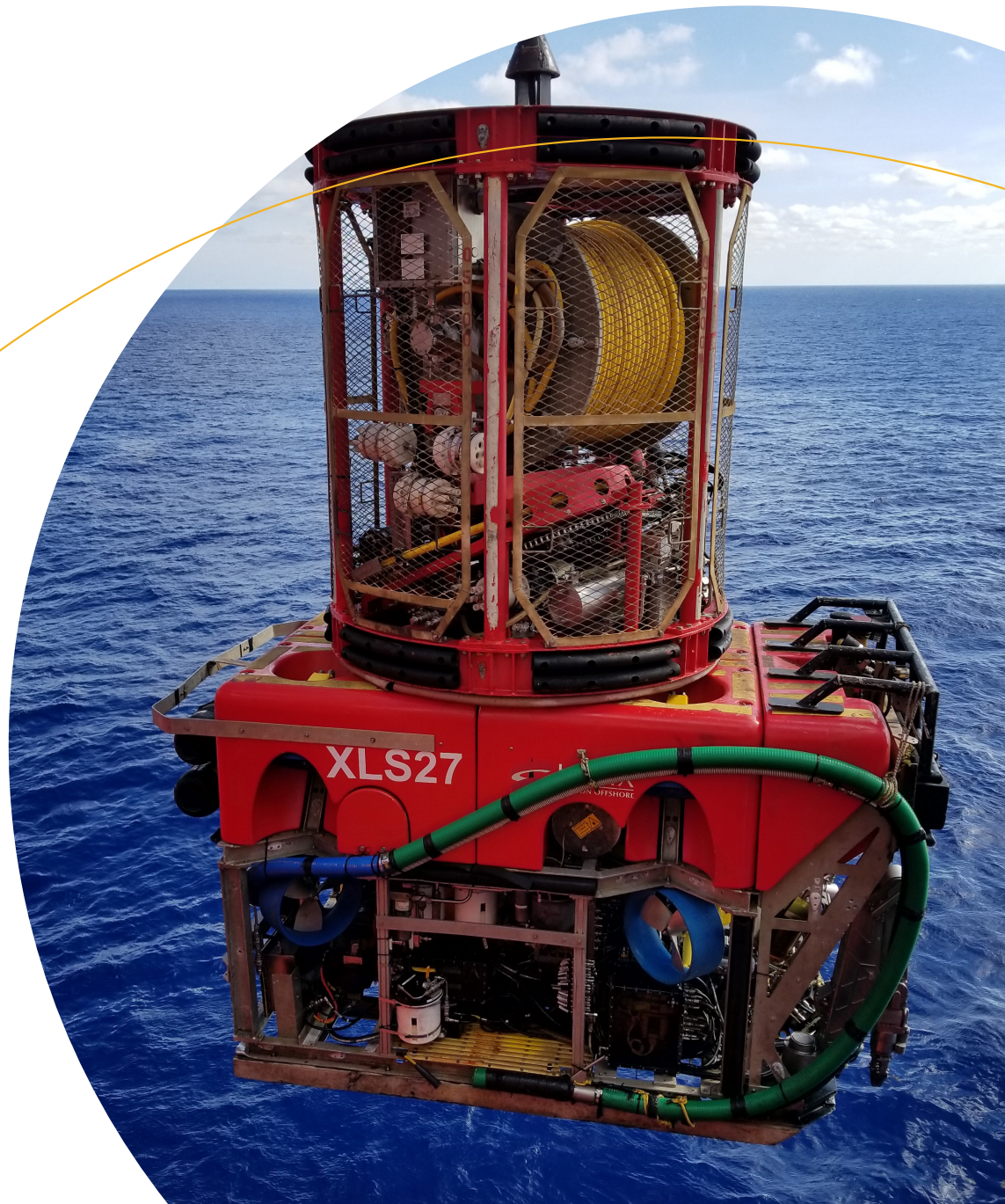


Triton XLS

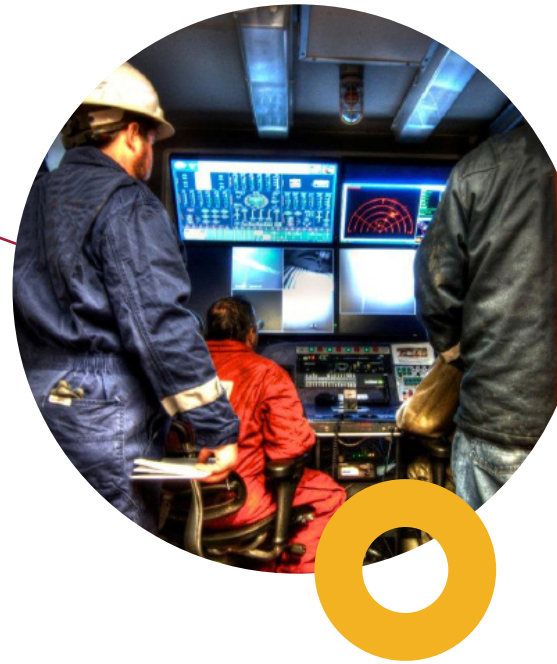
150 hp work-class ROV system



The **Triton XLS** is a 150 hp work-class ROV system, with up to 150 hp availability.

The *Triton XLS* system's 3,000 Kg of through-frame lift provides a platform for a wide variety of tooling modules and custom intervention work skids.

The *Triton XLS* is a highly dependable work-class vehicle designed for extreme water depths and demanding subsea construction tasks. The system effectively supports offshore projects and construction tasks.



Experience

Helix Robotics Solutions currently operates and maintains 54 work class ROVs, 5 trenching systems, 2 ROVDrill systems and 3 DP III support vessels and 1 DP II IMR vessel via strategic offices in key areas of the world.



Innovation

Helix Robotics Solutions works closely with our clients and vendors to seek and resolve complex technical developments to engineer practical solutions and implement in the most efficient, safe and economical ways possible.



Value

Helix Robotics Solutions is one of the most innovative and reliable specialty marine contractors in the world. Focusing on providing leading edge underwater, unmanned services in extreme environments, Helix strives to deliver the highest value to its customers.

TECHNICAL SPECIFICATIONS

ROV vehicle specifications

150 hp
3,000 m (10,824 ft) Rated
250 Kg (550 lb) Payload
4 x Horizontal and 4 x Vertical Thrusters
Altimeter
1 x SIT or low-light CCD Camera
1 x Color Zoom Camera
2 x B/W Cameras
RigMaster TA-60 5-Function Manipulator
Schilling T4 7-Function Manipulator
Simrad Mesotech MS 1000/1081 Digital Sonar System
Circuits with 6 x 250-watt Lights Standard
Solid-state Gyro
Pitch/Roll Sensor
Digiquartz Depth Gauge
Auto Functions (heading/depth/altitude)
Strobe and Locating Beacon

Applications

The Triton XLS offers a compact combination of thrust, payload, high through-frame lift, and sensor interface to support most offshore work requirements, including, but not limited to:

Deepwater and ultra-deepwater installation and construction support
Subsea cable burial and maintenance
Deepwater salvage and recovery
Remote tool deployment
Subsea pipeline construction, completion and survey activities
Platform inspection, repair and maintenance
Suction pile installation
Drill support and completion activities

ROV vehicle dimensions

Length	3 m (9 ft, 10 in.)
Width	1.85 m (6 ft, 1 in.)
Height	2 m (6 ft, 8 in.)
Weight in Air	4,309 Kg (9,500 lbs)

Tether management systems (TMS)

The Tether Management System (TMS) has been designed around a field-proven 'shuttling drum' concept that provides exceptionally simple tether routing. The complete tether drum moves on a carriage system allowing the tether to exit the drum directly above and through the payout sheave.

Capacity	380 m (1,246 ft) to 650 m (2,132 ft) tether
TMS Camera	
Diameter	1.98 m (6.5 ft)
Height	2.44 m (8 ft)
Weight	3,266 Kg (7,200 lbs)

Umbilical winch

Type	Dynacon Model 521/521XL
Horsepower	150 hp winch
Safe Working Load	12-metric ton safe working load
Umbilical Length	3,300 m

A-Frame

Type	Dynacon Model 6022
Safe Work Load	11 t of safe working load
Positive latch and rotation	
Self-erecting A-Frame	

A-Frame dimensions

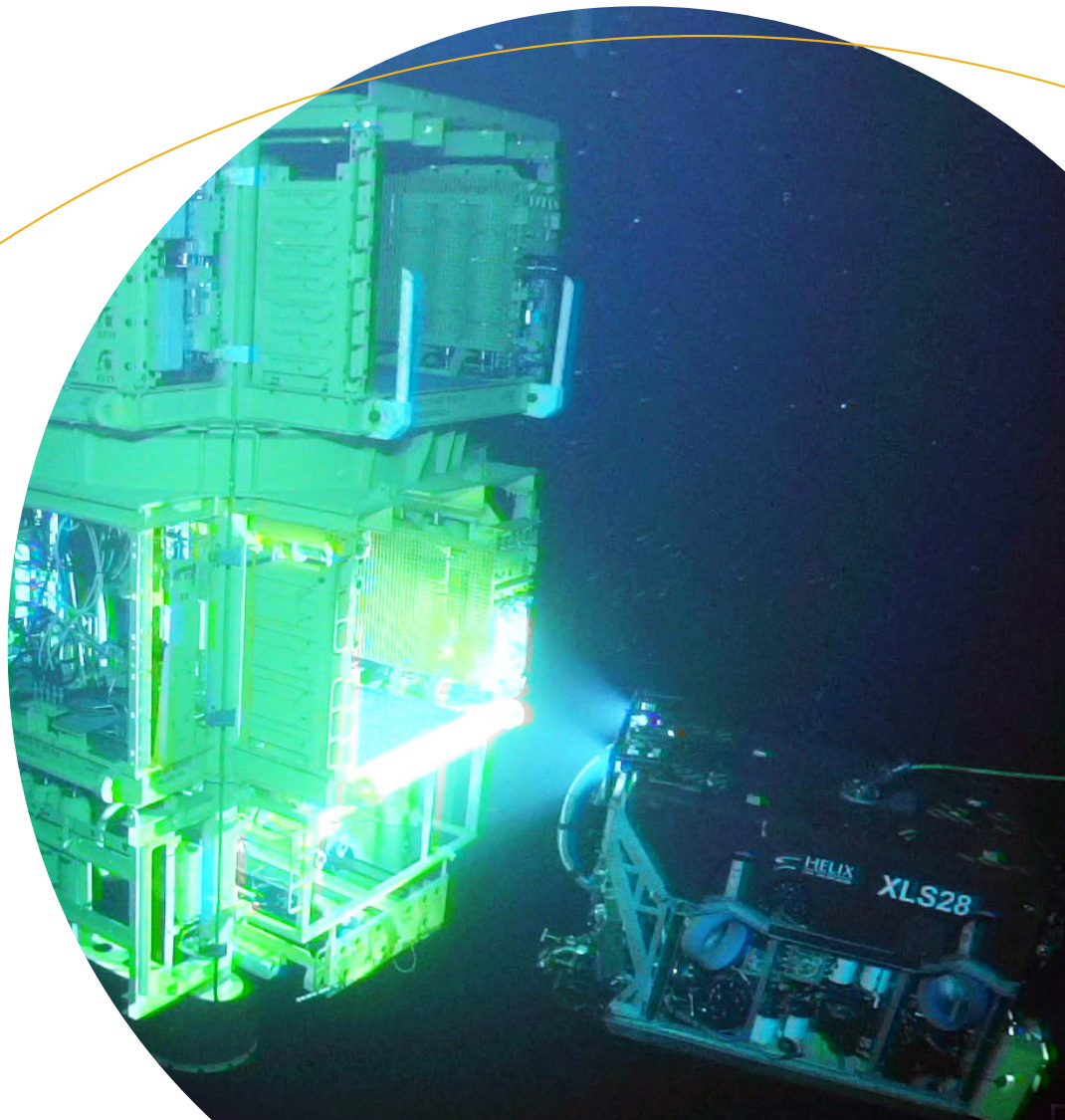
Reach	4.01 m (13 ft, 1 in.)
Length	7.3 m (23 ft, 9 in.)
Width	3.2 m (10 ft, 10 in.)

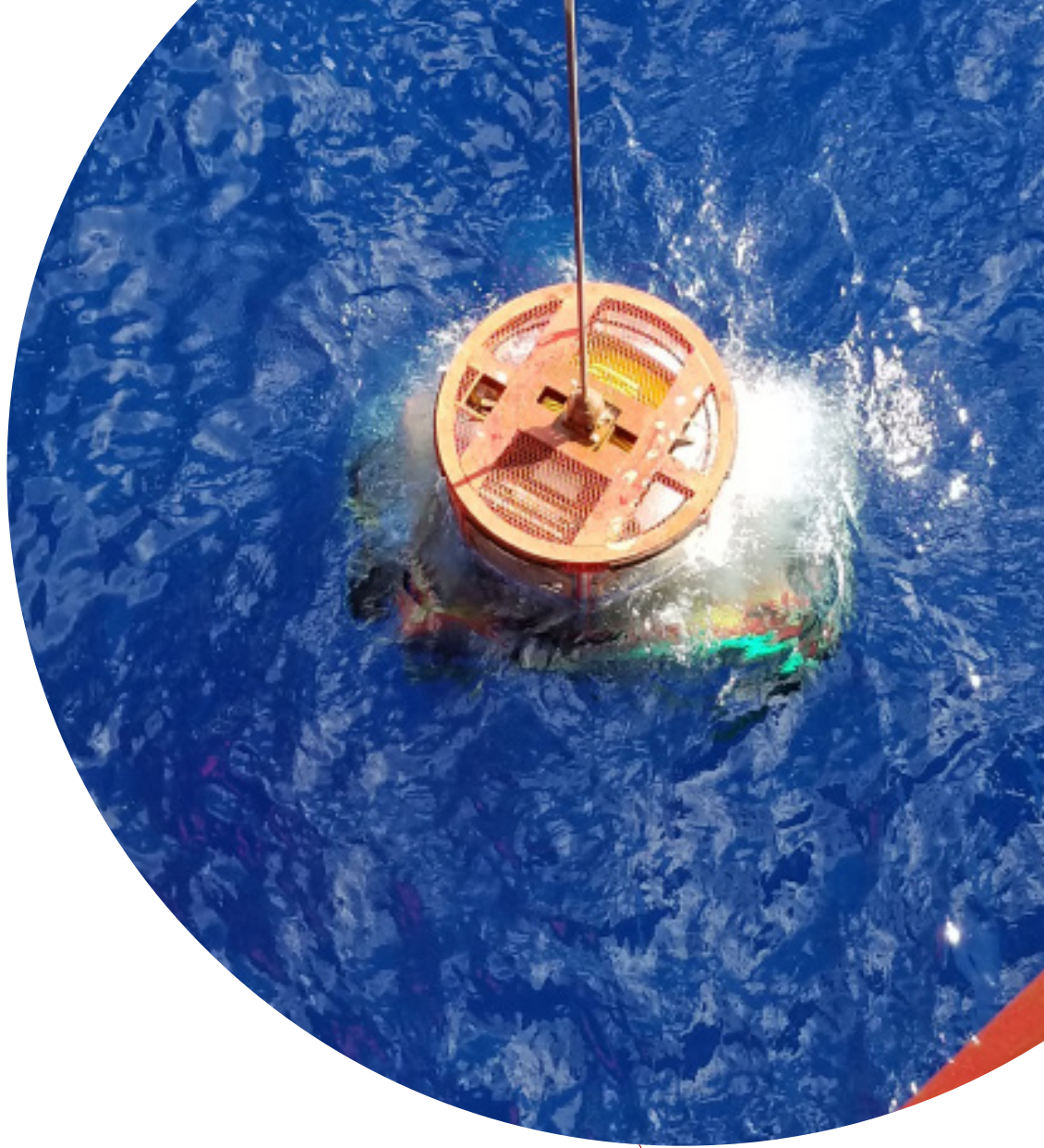
Control cabin & consoles

Length	6.1 m (20 ft)
Width	2.4 m (8 ft)
Height	2.6 m (8 ft, 6 in)
Weight	9,979 Kg (22,000 lbs)

Workshop & spares cabin

Length	6.1 m (20 ft)
Width	2.4 m (8 ft)
Height	2.6 m (8 ft, 6 in)
Weight	9,979 Kg (22,000 lbs)





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