

Triton[®] ST Specialty Marine Contracting ROV System



Triton® ST SPECIALTY MARINE CONTRACTING ROV SYSTEM

THE 100 HP TRITON ST is a fully capable work-class ROV system with a small deck footprint. The Triton ST provides 1,000 Kg lifting capability for work skids and allows deployment of construction and ROV tools in water depths to 3,050 m. It is also equipped with flexible hydraulic power telemetry systems. The Triton ST offers a compact combination of thrust, payload, high through-frame lift and sensor interface to support most offshore work requirements.

APPLICATIONS

Drill support
Construction support
Platform inspection
Pipeline inspection
Deepwater salvage
Remote tool deployment
Multi-task survey spreads

VEHICLE SPECIFICATIONS

100 hp
Rated to 3,050 m (10,000 ft)
100 Kg (220.5 lb) payload
6 x thrusters in quad format
Altimeter
8 x lights
1 x SIT or low-light CCD camera
1 x Color zoom camera
1 x CCD B / W camera
1 x B / W camera
7-function S / C manipulator
5-function grabber
Digital sonar
Strobe and locating beacon
Fiberoptic multiplexing
Auxiliary pump piggy backed to main electric motor for isolated oil supply

Dimensions

Length	2.6 m (9 ft)
Width	1.3 m (4 ft, 3 in.)
Height	2.1 m (6 ft, 9 in.)
Weight in Air	2,948 Kg (6,500 lb)

TETHER MANAGEMENT SYSTEM

300 m (985 ft) tether

1 x B / W camera

Dimensions

Diameter	1.7 m (5 ft, 6 in)
Height	1.7 m (5 ft, 6 in)
Weight	2,812 Kg (6,199 lb)

UMBILICAL WINCH / LARS

Dynacon Model 421 ST Umbilical Winch

100 hp winch

8 t of safe working load

Drum Capacity	3,600 m (11,808 ft)
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Umbilical Length	3,300 m (10,824 ft)
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LARS

Dynacon Model 6010

7 t of safe working load

12.7 t capacity fully deployed

Positive latch and rotation

Self-erecting A-frame

A-Frame Dimensions

Reach	3.1 m (10 ft, 4 in)
Length	12.8 m (42 ft)
Width	3.2 m (10 ft, 10 in)
Height Fully Extended	8.9 m (29 ft, 2 in)
Height Collapsed	3.3 m (10 ft, 10 in)
Weight (Total)	20,400 Kg (45,000 lb)

CONTROL CABIN AND 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 lb)

WORKSHOP AND SPARES CABIN

Length	6.1 m (20 ft)
Width	2.4 m (8 ft)
Height	2.6 m (8 ft, 6 in)
Weight	8,165 Kg (18,000 lb)

Specifications subject to change.





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