



TRITON XLX

Heavy Duty Work Class ROV



OVERVIEW

The Triton XLX is a 150HP heavy work class ROV with a proven 3000msw depth rating. The Triton can be installed in an ROV hanger, or supplied with a Control and Workshop container for installation on deck.

FEATURES

Manipulators

Manipulator options include:

- Schilling T4, 7-function, Master / Slave
- Schilling RigMaster, 5-function, rate
- Schilling Atlas, 7-function, rate - Optional

Tooling Interface

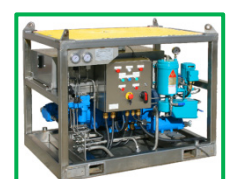
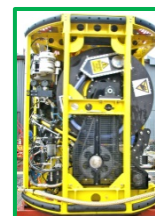
- 16 Station Proportional NG3 Main Manifold
- 14 Station Proportional Thrusters Manifold, 6 spare functions
- 12 Station Proportional Tooling Manifold
See overleaf for standard tooling options

TMS

The Triton ROV is designed to suit Perry Type 5A TMS. Other TMS models are available as an option.

ROV Instrumentation

- 500W lights on dimming circuits available (6)
- Circuits x 2 x 250W lights per standard (6)
- Digiquartz depth sensor
- Doppler Velocity Log-ROV DP - Auto Functions (Heading/Depth/Altitude/Position)
- Gyro/Fluxgate Compass
- Pitch/Roll sensor





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ROV

Depth Rating	3000msw
Length	3.2m
Width	1.8m
Height	2.2m
Weight	4900/5600kgs
Payload	250-550kgs
Through Frame Lift	3000kgf

ROV THRUST

Four Vertical and Four Horizontal Thrusters	
Thruster Horizontal	4 x 380mm
Thruster Vertical	4 x 300mm
Turning Rate	40° per second

ROV CONTROL

Auto Heading Control	Automatic to ± 2.0 degree
Pitch and Roll Control	± 5.0°
Depth Control	Automatic to ± 150mm
Altitude Control	Automatic to ± 150mm

ROV ELECTRICAL SYSTEMS

Frequency	60Hz ±5%
Voltage	440VAC ± 5%
ROV Hydraulics	215kVA
ROV Instruments	8kVA,
Pan & Tilt	
Lights	

Cameras:

Colour Zoom
High Definition
Black & White
Colour

Various AC and DC sensor	42 Power Channels
Sonar	Imaginex
Navigation System	Doppler Velocity Log

MANIPULATORS

Standard:

Schilling T4, 7-function, Master / Slave
Schilling RigMaster, 5- function, rate

Optional:

Schilling Atlas, 7-function, rate
TMT Guidepost Grabber, 2-function, rate

EMERGENCY RECOVERY DEVICES

Strobe	
Acoustic Beacon	

CONTROL CONTAINER

Control Container	A60. DNV27-1
Length	6.058m
Width	2.438m
Height	2.743m
Weight	10,000kg
HVAC	17.5kW
Incoming Supplies	1x 440VAC.60Hz 3ph

TETHER MANAGEMENT SYSTEMS

Operating Conditions	Sea State 6
Depth Rating	3000msw
Tether Capacity	380m 35mm Tether
Hydraulic Power	7.6kw 10HP
Diameter	1980mm
Height	2180mm
Weight in Air	3000kg
Weight in Seawater	2163kg
Depth Measurement	Digiquartz
Lighting	250W Lamps
Video	OF14-110 Colour Camera

A-FRAME ASSEMBLY

Type	Telescopic "A" frame
Safe working load	15 Te
Design factor	3.0 global
Deployed Reach	4.735m
(erected)	8L x2.9W x2.22Hm
Weight	17,000kg

UMBILICAL WINCH

Type	Hydraulic external power unit
Safe Working Load	116,048
Design Factor	3.0 global
Umbilical Storage Capacity	3500m of 40.5mm
Line Speed	Variable up to 60m/min
Dimensions	3.0L x2.9W x3.0Hm
Weight	33,700kg with 3500m umbilical
Braking	Independent Emergency Braking

AVAILABLE ROV TOOLS

Gasket Ring Tool	Gasket Installer
Guide Wire Cutter	Hotstabs
Guide Post Cutter	Water blasters
Mini Dredge	PH Meter
Rig Floor Monitor	Fluid Transfer Skid
Smart Torque Tool	Guidewire Latch Systems
Plate Handling Tool	Current Meter
Smart Level	Megga Digger
CP Probe	
Densitometer	

