

HEAVY DUTY WORK CLASS 150 HP ROV

The Perry Triton XLX ROV is a 150 HP hydraulic vehicle with a high power to weight ratio. This high power WROV accommodates two heavy duty manipulators as well as a wide range of sensors and interchangeable tooling packages.

The Triton XLX is highly suited for work tasks including construction, drill support, pipeline and platform inspection, survey, salvage, cleaning, dredging and IMR to depths up to 3000 m WD. The Triton XLX is supplied in TMS mode.

FEATURES

■ Manipulators

Manipulator options include:

- Schilling Atlas, 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 pare functions
- 12 Station Proportional Tooling Manifold See overleaf for standard tooling options

■ TMS

The Triton ROV is designed to suit Perry Type 5A TMS.

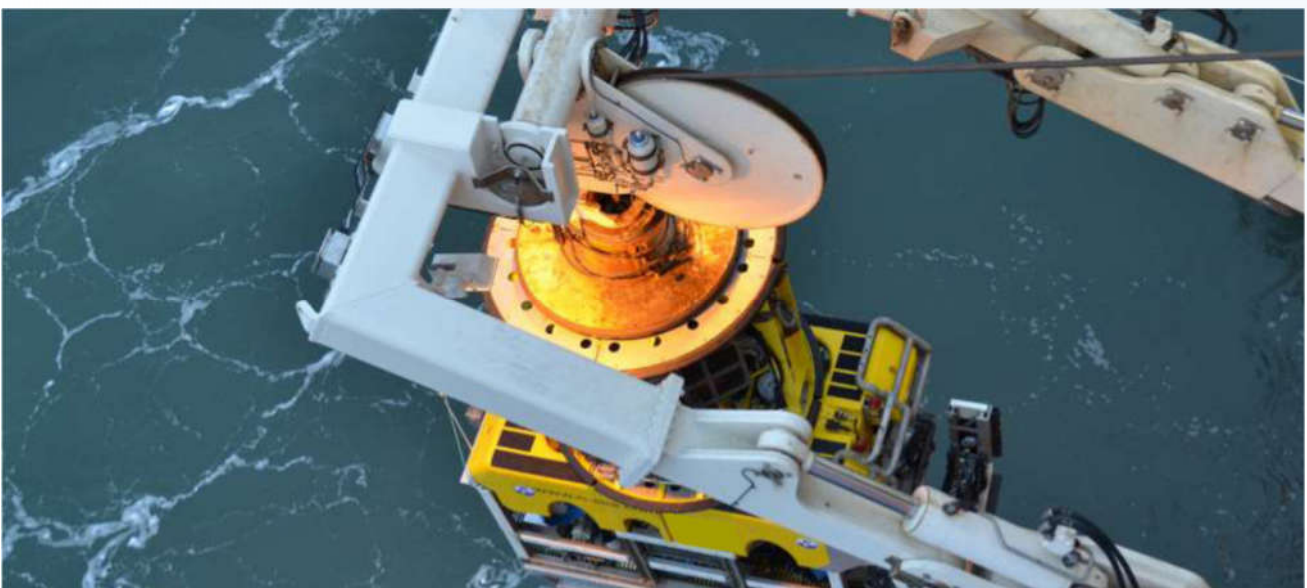
■ ROV Instrumentation

- 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



Heavy Duty Work Class ROV

Depth Rating	3000 or 4000 msw
Power	150 hp shaft
Through Frame Lift	3000 kg
Control System	ICE™ Real Time Control System with GHz Optical Link, Ethernet Telemetry and Graphical Diagnostics
Control Modes	Heading, Depth, Altitude, Park & Dynamic Positioning
Payload Capacity	300-250 kg



Main Particulars:

Depth rating	3000m
Weight	4800 Kg
Horse Power:	150HP
Power requirements:	440-480 VAC, 3 Phase, 60Hz

Dimensions and performance :

Length	3226 mm
Height	1829 mm
Width	1994 mm
Forward speed	3 Knots +
Thrust lateral	3 Knots
Forward / Aft Bollard	1100 Kg Forward / Aft @ 45 degrees
Vertical Lift Bollard	900 Kg. @ 30 degrees
Lateral Bollard Pull	1100 Kg. @ 45 degrees
Turn Rate	40 degree / sec
Payload	250 Kg
Through-frame lift	3,000 Kg
Auto Functions	Heading, Depth, Altitude
Fibre optic system	Focal CWDM fiber optic multiplex system
Control system	ICE™ system

Connectivity:

Lights	10 x 120 VAC, 500W
Cameras	4 x Real Time (Standard Definition) SD Video Signals (NTSC, PAL, or YC)
RS232	4 x Full Duplex RS 232 Data Channels @ 115 kbps (low latency)
RS485	2 x Full / Half Duplex RS 422/485 data channels @ 115kbps (low latency)
120V AC	1 x 20A, 120VAC Tool power feed
Survey JB	Optional

Sensor:

Attitude & Heading Reference System (AHRS)	Fitted
Compensator level sensors	Fitted
Tritech Super Seaking Sonar Obstacle avoidance	Fitted
Tritech 701-40 series Bathy system with PA500 Altimeter	Fitted

Equipment and Tooling:

Pan and Tilt	Sub-Atlantic, 2359-MAS
Manipulator 1	Schilling Atlas 7P Manipulator
Manipulator 2	Schilling Rigmaster 5F Manipu-
Cutting equipment	GR29 Grinder
Client Fibre Mux System	Optional

Tether Management System:

Type	Top hate, TMS 37 Slingsby Engineering
Control System	Aleron
Tether	27mm Nexxans, 250m (>500m tether
Slipring	Focal 176/291
Camera	2 x SD Cameras
Lights	3 x LED Lights

Launch and Recovery System :

WINCH

Model	Dynacon Model 521 XL
EHPU	125HP with 130cc pump
Oil Immersion Heater	Fitted
Slipring	Focal 176/291

A-Frame

Model	Dynacon 6023
Self Erecting	Yes

Deck Cart

Model	22 kW
Reservoir capacity	200 Ltr
Electrical Supply	440V, 3 Phase, 60Hz
Max Output Flow	45 Ltr/min

