



Equipment Data Sheet:

Description: TXLX ~ Construction Class ROV

The Triton XLX is a state of the art **150HP / 3,000 METER RATED** Construction Class ROV built by the world leaders in ROV technology, Perry Slingsby Systems Ltd.

The MOS TXLX systems come configured with PSSL's ROV DP system which will automatically hold geocentric position to an established bottom position. In addition the ROV can be displaced in the X, Y or Z axis from a previous position by keyboard or trim pot inputs.

Further enhancements to the base vehicle include:

- Schilling 7 function Titan 4 spatially correspondent manipulator
- TA 60 5 function heavy lift Rate controlled manipulator
- IHPU with 12 station tooling manifold
- Survey Junction Box with dedicated fiber
- HID lights
- Top-hat TMS system
- 350m usable tether
- 3000Kg through frame lift

Dimensions

Length (mm).....	3226
Width (mm).....	1803
Height (mm).....	2000
Depth Rating (m).....	3000-4000
Weight in Air (kg).....	4900
Payload Capacity (kg).....	250-550
Power Pack (Shaft HP).....	150-200
Thrusters Horizontal (mm Ø).....	4 x 380
Thrusters Vertical (mm Ø).....	4 x 305

Bollard Pull (Nominal)

Forward (kgf).....	1100
Lateral (kgf).....	1100
Vertical (Up) (kgf).....	1030
Through Frame lift (kgf).....	3000

• Standard Equipment

- Gyro/Fluxgate Compass
- Pitch/Roll Sensor
- Digi-quartz Depth
- Doppler Velocity Log – ROV DP
- Auto Functions (Heading/Depth/Altitude/Position)
- 16 Station Proportional NG3 MAIN Manifold – 5 Spare Functions
- 14 Station Proportional Thrusters Manifold
- 12 Station Proportional Tooling Manifold
- 500 watt lights on dimming circuits available (6) Circuits w/2x250 watt lights per standard (6)

• Interfaces For

- Manipulator (Left/Right)
- Sonar
- Hydraulic Tool Interfaces
- Electric Tool Interfaces

• Telemetry

- Realtime Video Channels (8)
- Spare Fibre Optic Wavelengths (4 Total)
- Standard survey interfaces 12 (8 RS232 4 RS485). Various options up to 44 serial channels.
- Voltage feedback for input power and all switching controls
- Current sensing on each channel
- 1 Gb Ethernet survey mux
- Various AC and DC sensor with up to 42 power channels

