



Triton XL 100HP ROV System

Originally manufactured by Perry Slingsby, Aleron subsea Limited have a refurbished & upgraded XL heavy work class ROV system which is now ready for sale or rental.

The Triton XL's are a well-established and proven performer in deep water operations. These ROV systems offer a comprehensive combination of thrust, payload, through-frame lift and sensor interface.

The system comprises of the following major assemblies:

- Remotely Operated Vehicle (ROV)
- Tether Management System (TMS)
- Launch and Recovery System (LARS)
- Control Van
- Workshop Van (optional extra)

Vehicle

- Weight 3.7 te
- Dimensions (L x W x H) 3.1m x 1.5m x 2.1m
- 3 te through-frame fit
- Fibre optic control system
- 8 data and 6 video channels
- Altimeter – (to be defined)
- Depth sensor – (to be defined)
- Gyro – (to be defined)
- Depth Rated to 2000 MSW
- 7 Innerspace Nozzles with Rexroth Hydraulic Motors
- 100HP HPU
- 8 Lights (7 Standard DSPL (250w) and 1 HID)
- Sonar - (to be defined)
- Cameras (3)
- Schilling 7F Orion
- Schilling 5F Rigmaster
- Thruster Control Unit
- Valve Pack 1 and 2 (10 Way)
- Docking Bullet
- Power Can
- Control Can
- F/O Can
- Main J/B



Tether Management System (TMS)

The TMS includes:

- Weight in air 3te
- Dimensions (h x Ø) 2.2m x 2.0m
- Tether capacity 350m of 35m tether
- 5 hp electro-hydraulic power pack
- Lights – 2 x 250 watts
- Fibre optic control system
- 35mm Tether (approx)
- Sunstar HPU
- Full set of TMS Guards
- Swivel Lift Point to Suit Standard TXL Main Umbilical Bullet
- Primary Latches
- Failsafe Latches
- Static J/B
- Rotating J/B
- 6 Way Valve Pack
- Compensators
- Electrical / Optical oil filled focal slip ring
- Camera



A60 Control Van

- 20 foot Control Van
- Standard three station Perry Control Console
- HVTU
- Transformers
- A/C Unit
- Power Distribution Unit
- Lighting
- Clients Station
- Video Switcher
- Selection of Monitors
- T3 Master Control Station
- Power Cable Storage at Front of Control Van
- Forklift Pockets
- Sling Lift Points



Lawsons Launch and Recovery System

A-frame Specification

- SWL 10,000kgs
- Design Load 40,000kgs
- Inboard Reach 3954mm
- Deployed Reach 4354mm
- Height (max operational) 2778mm
- Height (Transport) 2440mm
- Length 8000mm
- Width 2900mm
- Width between A-frame Legs 2300mm
- Weight 15,000kgs



Winch

- SWL 10,000kgs
- Design Load 30,000kgs
- Max Line Speed 70m/min
- Winch Width 2900mm
- Height 3435mm
- Length 3000mm
- Weight excluding umbilical 12,000kgs

Power Pack

- Power 2 x 75Kw @ 50 Hz, 85kw @ 60 Hz
- Speed @ 60 Hz 1780 r.p.m @ FLC
- Current at max load 132A @ 440v
- Voltage Range @ 60 440 – 480v
- Width 1800mm
- Length 2500mm
- Height 1800mm



Workshop Van (optional)

- 20 foot container
- The workshop is fitted out with workbenches, storage racks, tooling cabinets, and space for a selection of system spares.
- Racks and Cabinets for spares.
- Heater and A/C unit installed.
- Emergency door, power and lighting



Additional options

- ROV tooling (various options)
- ROV Skid (various options)
- Control system upgrade

