

Perry Triton XLR

95 kW heavy work class ROV

The **Perry Slingsby Triton XLR ROV** is a compact and powerful work class hydraulic ROV vehicle suitable to interface with all underwater survey equipment and tooling.

The XLR 07 is a 125 HP (95 kW) power system, 3000 m WD rated, and 250 kg payload capability. Year built 2012.

FEATURES

- 3000 m maximum water depth
- 125 HP of installed power
- Up to 3.7 knots swimming for survey
- Includes 7F manipulator & 5F grabber
- TMS Tether capacity up to 750 m
- 8 tons Umbilical Winch
- TMS Heavy lift Top-Hat 4A
- 20' Control Cabin
- 20' Workshop Cabin



ACSM CUSTOMISATION SERVICES

ACSM understand that every customer is different and therefore have individual needs from their systems, in order to meet your specific requirements ACSM can customise our ROVs using a range of standard components to suit the mission and get successful results.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SYSTEM SPECIFICATIONS

GENERAL

| | |
|-----------------------------------|---|
| Dimensions L x W x H (m) | 2.95 X 1.70 X 2.05 |
| Weight in air / sea water (kg) | 3900 / Neutral |
| Depth rating (m) | 3000 WD |
| Propulsion Thrusters | 4 x Horizontal, 3 x Vertical 380 mm (Sub-Atlantic) |
| Thrust FWD / Lat. (kgf) | 850 / 850 |
| Speed FWD / Lat. (knot) | 3.7 / 3.5 |
| Payload / Through Frame Lift (kg) | 250 / 3000 |
| Autopilot | Heading, Depth, Altitude and Auto Position |
| Power requirement | 400/440 VAC, 50/60 Hz, 500 A |

EQUIPMENT & TOOLING

Cameras: 1 x HR Colour Zoom camera, 1 x Low Light HR B&W, 2 x HR Colour camera

2 x Pan & Tilt

6 x 250W Bowtech LED 3200 lighting

1 x Kongsberg MS 1171 Sonar system

CDL TOGS FOG, Digiquartz Depth sensor, Altimeter Mesotech 807, DVL Workhorse

1 x 7F Schilling T4 Manipulator

1 x 5F Whittaker Grabber

1 x Main 12F Hydraulic VP, 1 x Auxiliar Hydraulic station, 1 x Hi-Flow Tooling Manifold

Auxiliary comms channels and FO's for extra survey and tooling equipment: Standard Realtime Composite Video Channels (8), Serial (18), Switched Power (16), dedicated Serial & Power Channels for Gyro, Digiquartz, Altimeter/DVL, Sonar, Manip, Responder Trigger, Hydraulic manifolds, spare FO (x4). Visual Soft DVR (Digital Video Recording) 4 channel with overlay

TMS

Heavy Lift Top-Hat Perry type 4A design, 380 m (D35 mm) Tether, 3000 m WD rated, D2.00 x H2.20 m, diameter 2 m, 2700 kg weight, Tether capacity up to 750 m (D27 mm)

Control Cabin & Workshop

ISO 20' HC with Twist Locks Control Cabin, A60 DNV Standard, 6.09 x 2.44 x H2.9 m, weight 8 tons

ISO 20' with Twist Locks Workshop Cabin.

6.06 x 2.44 x H2.9 m, weight 6 tons

LARS system

The deep water Lawson LARS comprises a hydraulic 8 tons SWL A-Frame, Umbilical Winch, HPU, all dimensioned for standard road transport without escort. Winch drum capacity of up to 3000 m armoured lifting umbilical

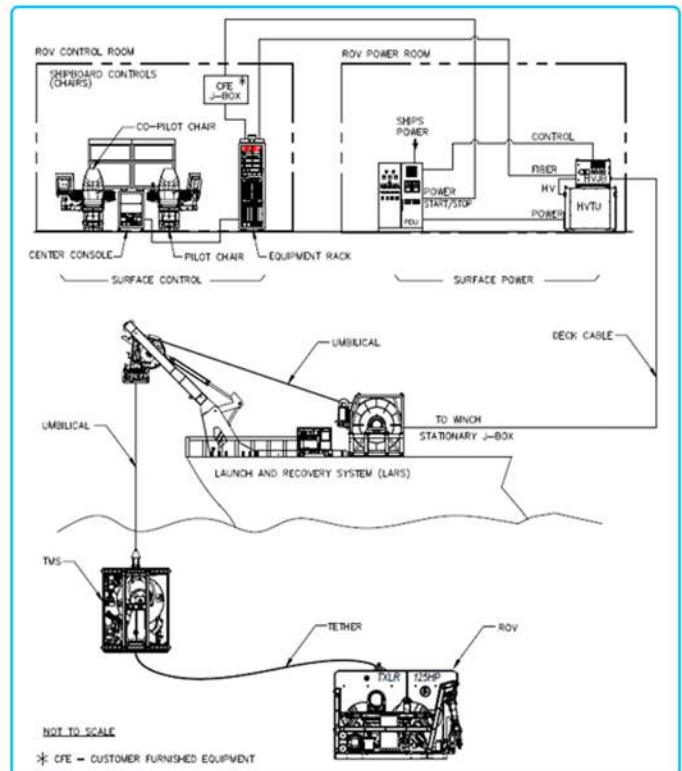
A-Frame

Lawson 8T SWL with docking frame snubber

Dimensions (m) / Weight (ton): 8.00 x 2.90 x H 3.70 m (Stowed), 5.00 m outreach / 14.7 tons

Umbilical Winch

Lawson 8 ton SWL, with level wind, Focal 176 slip ring
Dimensions (m) / Weight (ton): 3.20 x 2.20 x H 2.50 / 20 (including umbilical)



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