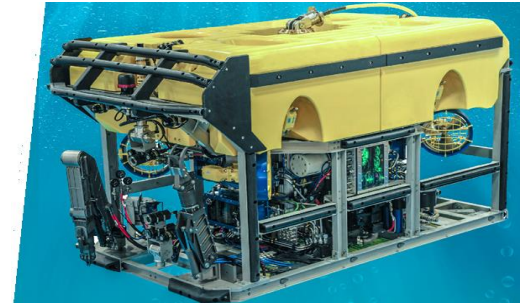




TRITON XLX

Work Class ROV System



The Marine rated Triton XLX system, part of the Triton family, is a work-class ROV suitable to undertake the wide range of work scopes required for oil & gas support and services operating from DP2 Mono Hull support ships, advanced construction vessels, or mobile drilling units (safe/non-zoned areas).

Specifications

- Maximum operating depth: 3000 metres
- Multiple video channels
- CCD colour video camera on centrally mounted pan & tilt
- low light black & white camera on centrally mounted pan and tilt unit
- Four vectored and four vertical thrusters with velocity feedback
- Schilling T4, 7 function master-slave manipulator
- Perry Slingsby TA60, 5 function grabber manipulator
- Sector scan obstacle avoidance sonar system
- 3000 watts of variable intensity lighting positioned on the camera tilt platform and chassis
- Integral video overlay
- Fibre-optic gyro with solid state heading reference unit (not north seeking)
- Digiquartz depth sensor and pitch & roll sensors (not survey calibrated)
- Doppler unit, with auto-heading/depth and position station keeping control

Size, weight and thrust	
Length	3600mm
Height	2015mm
Width	1800mm
Thrust forward	900kg
Thrust lateral	900kg
Thrust vertical	900kg
Weight	4600kg without tooling skid
Payload	150kg

Hydraulic System	
Electric Motor	150hp
Main Circuit	333 lpm (Tellus 32)
Aux Circuit	57 lpm (Tellus 32)

Optional Tooling Packages

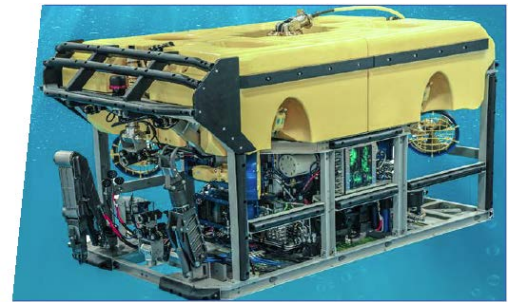
- HP water jetting cleaning system
- Contact or Proximity CP
- Pipe / cable tracking systems
- Cygnus ultra-thickness measurements
- Mechanical cleaning
- Dredge systems
- Twin tooling circuits with remote controlled high and low flow / pressure facilities
- Please contact us for other tooling packages

Optional Survey Packages

- Dual MBES Profilers
- TSS 440 Pipe tracking unit
- Chain measuring equipment
- Scaling cameras
- Blueview or Gemini sonar systems
- High definition cameras
- Leak detection systems
- Side scan sonars
- Environmental monitoring equipment

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Work Class ROV System



ROV control cabin

Per system

- 4 x LED Large screen monitors
- 2 x Independent Pilot diagnostic VGA monitors
- 2 x ROV Control stations
- 1 x Rack mounted distribution unit
- 1 x Canford Communication master station
- 1 x Kramer 32 x 32 switcher
- 1 x Sonar SCU
- 1 x Colour printer
- 1 x Supervisor Desk
- 1 x Recording suite



A Frame LARS with Winch unit and Top Hat TMS

Deck leads lengths: 30m

Main Umbilical length: Up to 3100 metres

Top Hat TMS Tether Length: 330 meters

Specifications & Dimensions

- L&R in seas up to and including sea state seven
- Hydraulic A-Frame deployment system with integral swing frame, damping, vehicle rotation and latching system
- Electro-hydraulic power pack with sea-water oil-cooler
- Hydraulic winch complete with 3100m of contra-helical steel wire armor umbilical and internal integral automatic level-wind

	Length	Width	Height	Weight
	mm	mm	mm	Ton
ROV	3600	2100	1950	4.6
TMS	2200	2200	2600	3.1
LARS	8000	2900	2440	16
Control Shack	6000	2500	2900	12
Umbilical Winch	3000	2900	3450	32.5
HPU	2500	1800	1800	5.0
Deck Pack	2000	1000	1500	3.0
WS & Stores	6000	2500	2900	12

