

TRITON XLX 35

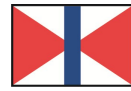
HEAVY WORK CLASS ROV



- Heavy Work Class ROV - 150 Hp HPU
- Interface prepared for advanced Survey Equipment
- 4000 metres depth rated
- 7 function Schilling Titan 4 Manipulator
- 5 function Schilling Rigmaster Manipulator
- Through frame lifting capacity of 3.0 Te
- Tooling basket integrated in Skid
- Top hat TMS with 660 meter Tether capacity
- Active Heave Compensated Launch and Recovery System

TRITON XLX 35

HEAVY WORK CLASS ROV



SWIRE SEABED

TECHNICAL SPECIFICATIONS

GENERAL

Depth rating	: 4000 m
Power pack	: 150 Hp
Payload capacity	: 250 kg
Through frame lift capacity	: 3000 kg
Speed forward	: 3 + knots
Speed lateral	: 3 + knots
Length	: 3226 mm
Width	: 1803 mm
Height (ex. tooling skid)	: 2000 mm

Main HPU

Pressure	: 3500 psi
Max flow	: 348 LPM

Auxiliary HPU

Pressure	: 3200 psi
Max flow	: 95 LPM

BOLLARD PULL (NOMINAL)

Forward	: 1100 kg
Lateral	: 1100 kg
Vertical (Up)	: 1030 kg

CONTROL SYSTEM

ICE Real Time Control System with Gb Telemetry and Graphical Diagnostics.

- Fully redundant Windows based HMI computers
- Intuitive Graphical User Interface (GUI)
- Advanced graphical interactive diagnostics
- User configurable GUI
- 4 x 40" HD LCD video wall
- Ergonomic pilot control chairs with touch screens

CONTROL MODES

- Auto Heading Mode
- Auto Heading Park Mode
- Auto Depth Mode
- Auto Altitude Mode
- Auto Failsafe Mode
- Auto Position – Dynamic Positioning

TELEMETRY

- 8 Realtime Video Channels
- HD camera interfaces prepared
- Spare Fibre Optic Wavelengths (4 in total)
- Survey interfaces
- Voltage feedback for input power and switching controls
- Current sensing on each channel
- 1 Gb Ethernet survey mux

VIDEO RECORDING SYSTEM

Visual Soft DVR Black-Box duo with independent video overlay per channel is provided for digital recording of video.

STANDARD EQUIPMENT

- Gyro/Fluxgate Compass
- Pitch/Roll Sensor
- Digi-quartz Depth
- Obstacle Avoidance Sonar (MS 1000)
- Doppler Velocity Log – ROV DP
- 16 Station Proportional Manifold
- 6 x 500 watt lights on dimming circuits
- Schilling Titan 4 – 7F Manipulator
- Schilling 5F Manipulator
- Kongsberg OE 15-100 Near SIT camera
- Kongsberg OE 14-366 color camera
- Kongsberg OE 14-376 color camera
- Imenco 12.1 MP Still picture camera (option)
- Hydraulic Grinder (option)
- Webtool 38mm hydraulic Cutter (option)

TMS

- PSS Type V Top-hat TMS
- Depth Rating 4000 m
- 35mm Tether (capacity for 660 m)
- Height 2.215 m
- Diameter 2.025 m
- 10 Hp HPU

LARS

ODIM Launch and Recovery System is permanently installed on "Seabed Worker".

- 12 Te SWL (dry weight)
- 2,4 m/s on winch (inner layer)
- Active heave compensated winch