

## REMOTELY OPERATED VEHICLE

**Operating Conditions** Up to and including Sea State

6 (3g)

4,400kg

Depth Rating 3,000m sea water

Hydraulic Power 112kW 150HP

Length 3.050mm Width 1,780mm Height 1,930mm

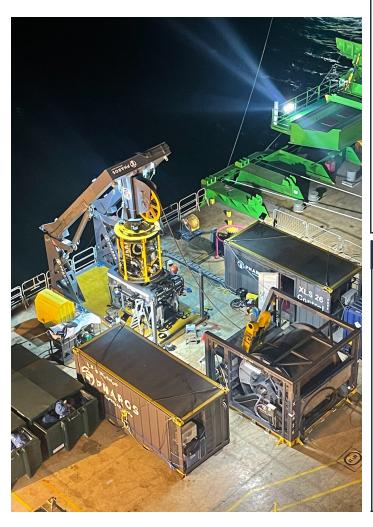
Bollard Pull (min) 1,100kgf Fwd/ Aft Surface Speed 3+ Knots Lateral Surface Speed 2+ Knots Reserve Payload 200Kg

In Air Weight

Surface Maintenance Receiver 90Kg Static load

Through Frame Lift Capacity 3,000Kg

Work Package Interface Standard XL bolt-on



## THRUSTER CONTROL

Manifold #1 9 station bi-directional inc. IHPU

activation valve

Manifold #2 10 station manifold, all valves available

for options

IHPU Manifold 8 station manifold inc. 2 x remotely

controlled proportional flow/ pressure

Auto Functions Heading, Depth, Altitude, Pitch and Roll

Auto Positioning Navigator DVL

**Heading Control** Watsons AHRS E304 Depth Control Paroscientific Digiquartz

Altitude Control Navigator DVL

Recording Facility 4 Channel BlackBox Digital Video

Recorder with Overlay

# **VEHICLE EQUIPMENT**

Manipulator 1 Schilling T4, 7-function Manipulator 2 Rigmaster, 5-function

Pan and Tilt 2x Tritech P+T

2x Rosys 120W Q-LED Lighting

floodlamp

6x DSPL 90W dimmable LED

lamp

Cameras 5x standard, 3x optional

Obstacle Avoidance Sonar Kongsberg MS1000

Multibeam Echo Sonar Optional

Survey Pod Communication 4x 10 Gigabit Ethernet,

4x RS232, 4x RS485

Survey Pod Power 8x 24Vdc - 14 Amp,

2x 110Vac 10Amp

## TETHER MANAGEMENT SYSTEM

Operating Conditions Up to and including Sea State 6 (3g)

Depth Rating 3,000 metres sea water

**Tether Capacity** 350m of 35mm Tether

Hydraulic Power 7.6kW 10HP

Diameter 1.980mm

Height 2,180mm In Air Weight 3,000kg

Pan and Tilt 1x Tritech P+T

Lighting 2 x DSPL 90W LED lamp

Video 1 x Camera

## **Get In Touch**





## A FRAME ASSEMBLY

Type Dynacon 6021 hydraulically powered 'A' frame and

docking head assembly

SWL - Overboard 15,00kg
SWL - Luffing 9,000kg
Design Factor 3g

Deployed Reach 3,161mm

Dimensions 7,849mm (L) x 3,213mm (W) x 3,026mm (Transport)

Weight 18,594kg nominal

## **UMBILICAL WINCH**

Type Dynacon 521, hydraulically powered lift winch and

levelwind system, complete with electro-optic slipring

and umbilical.

SWL 15,240kg

Design Factor 3g

Umbilical Storage Capacity 2,700m of 47mm diameter umbilical

Umbilical Fitted 630m

Dimensions 5,248mm (L) x 3,150mm (W) x 3,226mm (H)

(Transport)

Weight 14,561kg

#### LARS HPU

Type Dynacon EHPU 937, 150HP electrically powered

hydraulic power unit

Power Requirement 460Vac (±10%), 60Hz, 3 Phase

Dimensions 2,23mm (L) x 1,403mm (W) x 2223mm (H)

Weight 3,091Kg

Control Local control station, electrical

The TRITON® XLS ROV System is custom designed for standard subsurface tasks such as drill rig support, diver support / monitoring, and instrument/ hardware installation and recovery. Additional tools may be added to enhance the system capabilities. To accomplish its mission(s), the TRITON® XLS ROV System consists of the following major elements.

- Remote Operated Vehicle
- Tether Management System
- LARS System
- Surface Control System
- Workshop/ Stores
- 10ft Open Top

The LARS system is composed of an A-Frame assembly, umbilical winch and HPU.

The function of the A-frame is to facilitate the movement of the TMS/ ROV to and from the deck to the overboard position, as well as manage the lift umbilical at the overboard position, where the primary function of the umbilical winch is the deployment and recovery of the TMS/ ROV from the overboard position to the working depth. The HPU provides hydraulic power and control of both the A-frame and winch units.

The LARS components are affixed to the deck of the vessel using replaceable tie-down plates to be welded to the deck structure.

## **Get In Touch**