



CENTURION
SUBSEA SERVICES

MULTIROV SPECIFICATION

MULTI ROV



“FLEXIBLE, ADAPTABLE AND CONFIGURABLE”

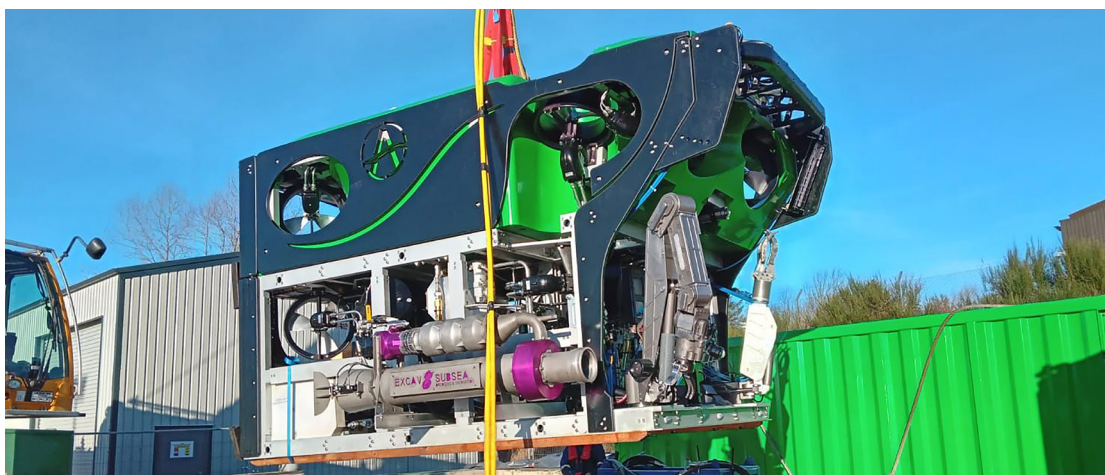
The MultiROV has been designed to offer the operator a flexible solution to subsea remote operations and can be configured to meet changing and demanding operational requirements.

ROV Mode

300H P (Dual HPU) deep water Work Class ROV with TMS. Free flying ROV with ultra high thrust for high current operations.

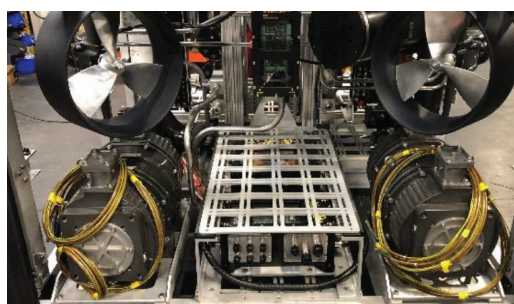
AUXROV Mode

300Hp Power Pack for Boulder Clearance / Subsea Power Pack for Flushing Pigging. Mass Flow Excavator operations.



TrackROV Mode

A tracked skid for cable burial surveys, dredging and seabed mapping. The MultiROV design focus has been to make the vehicle simple to operate with an advanced control system and 4k video wall display together with class leading performance, reliability and ease of maintenance. The MultiROV is fully compatible with all ROV QUIP Tooling including the API53 compliant BOP Skid.



MULTIROV BASIC SPECIFICATIONS

Mechanical Features

- > Power: 300Hp
- > Through Frame Lift: 30,000kg
- > Dimensions (L x W x H)
3,000mm x 1,900mm x 2,100mm
- > Weight in Air: 4,500kg
(Variable on spec)
- > Payload: 250-300 Kg
(Variable on spec)

Hydraulic Features

- > HPU 1: 150Hp
- > Pump: Kawasaki 140cc pump
- > HPU 2: 150Hp
- > Pump: Kawasaki 140cc pump
- > Total Flow: 490 Lpm @ 250Barp
- > Manifolds: 2 x 10Stn. Proportional NG3
- > Manipulators: Schilling T4,
(Atlas (7R & 7P), Rigmaster

Performance

Standard configuration (7 Thrusters)

- > Thrust figures: 1,145kgf Lateral,
1,174kgf Vertical
- > Speed: Fwd speed: >3.5 Knots,
Lateral speed: >2.5 Knots,
Vertical speed: 3 Knots

Enhanced configuration (11 Thrusters)

- > Thrust figures: 2,290kgf Lateral,
1,174kgf Vertical, Fwd speed: >5 Knots,
Lateral speed: 4 Knots,
Vertical speed: 3 Knots
- > Auto Functions: Auto depth, Auto Altitude,
Auto Heading, Dynamic Positioning,
Cruise control



Control System

- > Gladiator 2 Control System
CSS proprietary fibre optic multiplexer
- > Video and Lighting: 2 x 4k UHD Video channels, 8 x SD Video channels,
IP Streaming video (H.264), 24V LED &
120VAC LED Flood
- > Survey/Data channels:
8 x 10/100/1000Base Ethernet, 2 x
1000Base Ethernet, Multiple RS232/485
Serial channels
- > Power: 24/48VDC: 1,600Watts,
120VAC: 3,600Watts
- > Operator Interface: Dual 24" Touchscreens,
Ergonomic Operator Console and Chairs, 7
x 40" Video Wall Display

Additional Options

- > Remote Diagnostics & Status:
System status (Operational, Standby etc).
Allows remote viewing and diagnostic
analysis in real time.
System health & Trend monitoring.
- > Integrated Navigation suite: Displays
multiple Vessel & ROV positions with
seabed data.
Allows 'Click' n Go' navigation, Waypoint
Manoeuvring & Offset Manoeuvring.
Calculate and Display Ranges & Bearings.
- > Remote Piloting: Vehicle control from a
remote station
- > T4 Manipulator Controller: Uses OLIS
Master Controller for advanced manipulator
control remote and resident



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“Transforming ROV Technology”

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