



MultiROV

System



Multipurpose intelligent MultiROV system for delivering power to and positioning underslung tools. There are a number of tools that can be used with the system including our mass flow excavation tools, rock grabs, rock bag placement frames and cutting tools.

Working at depths from 6m – 3000m, the system can be interfaced with several sensors for survey operations such as cameras, multi-beam sonars and has autoheading and depth feedback as standard.

Technical specification

Mechanical

- Docking Bullet
- Weight 2.5Te
- Dimensions (L x W x H) 2.15m x 2.15m x 1.7m
- 20 Tonne SWL lift frame complete with hydraulic locking ram for locking underslung equipment with magnetic sensor
- Software feedback to show that the lock is fully engaged

Hydraulic

- 4 x 380mm Hydraulic Thrusters
- 300 HP delivery
- Approx. Flow 600 L/min
- Fully proportional flow and pressure

Electronic

- Fibre optic control system
- Altimeter
- Depth sensor
- Gyro – Tritech IGC (IFG upgrade available)
- Depth rated to 3000 MSW
- LED Lights (4)
- Cameras (3)
- Thruster control unit
- 10 Station valve pack
- Power/Control can
- Main J/B
- MUX System; c/w, 12 x RS232, 12 x RS485 serial channels, 4 Ethernet and 6 video channels

