

### CABLE MAINTENANCE 400 HP ROV

The Cable Maintenance ROV (CMROV) is a free swimming or tracked hydraulic ROV with 300kW/400HP providing an efficient and cost-effective solution for maintaining and installing regional and intercontinental submarine cable systems. This type of ROV has an extensive track record for operating globally in extreme environmental conditions and a variety of seabed soils.

With proven capability, the ROV can perform Post-Lay Inspection and Burial (PLIB) in the offshore Oil and Gas, Telecommunications, Power, Offshore Renewable and Subsea Defence industries on a wide range of cable, flexible products, and pipelines.



#### FEATURES

- 2000 m water depth rated
- Dimensions 3.80 x 3.70 x 2.70 m
- Weight (kg) 8600 air / 600 seawater
- 4x 420 mm Hor. Thrusters
- 4x 380 mm Vert. Thrusters
- 300 kW Power
- >3 knots, 100 Hor. / 800 Vert. kgf Thrust
- Includes 7F manipulator & 5F grabber
- 250 kg Payload
- AUTO Heading, Depth, Altitude, Cable
- LARS 10T A-Frame & 12T Winch
- 20' ROV Control & Workshop/Spares containers
- Survey Equipment: FOG, DVL, Bathy, TSS cable/pipe tracker
- 605 KVA, 400/440/480 VAC, 50/60 Hz

### LARS system

10T SMD A-Frame, 12T Lawson Winch w/ 2050m  $\varnothing$  45.0 mm double armoured lifting Umbilical, 115 KVA HPU

### ROV Control Console Cabin

ISO 20' Control Cabin, 6.00 x 2.45 x H 2.6 m, 12T

### Workshop & Spares Container

ISO 20' Workshop/Spares Container

### EQUIPMENT & TOOLING

- Cameras: 4x SD video lines, including Colour Zoom and Low Light
- 2 x Pan & Tilt
- 8 x 150 W lights
- 1 x Mesotech 1007 Sonar system
- 1 x TSS440 Cable/Pipe Tracker
- 1 x Octans FOG, Digiquartz Depth sensor, Altimeter
- 1 x 7F Schilling Orion Manipulator, 1 x 5F TA60 Grabber
- 1 x HCV 100 Cutter, 1 x Gripper TA17
- Auxiliary Tooling: Hydraulic Cutter, Water Jetting
- 2.5 m Jetting Tool: 2 x Variable speed hydraulically driven single stage water pump, 1000 m<sup>3</sup>/h @ 5 bar, Forward mounted twin jet legs with multiple low pressure water nozzles, Depth control 0-2000 mm, Width control 100-700 mm. Suitable for a wide range of soil types, including sands and very soft to soft clays

