

Apache 08 ROV

Electric Inspection ROV

The **SubAtlantic Apache 08 ROV** system is a small and reliable electric inspection ROV for underwater observation, survey, NDT inspections, and oceanographic observation, with capability for the fitting of additional equipment underslung (IMCA Class II) The system includes a Surface Control Unit (SCU) for ROV control and surveillance equipment monitoring and a Transformer Power Unit (TPU).



FEATURES

- 500 m maximum water depth
- Optional 1000 m water depth
- Up to 2.5 knots swimming for survey
- Includes 1F electric manipulator
- 10' Control & Workshop Cabin
- LARS 300 kg SWL, 15 kW HPU
- 20 kg maximum payload



ACSM CUSTOMISATION SERVICES

ACSM understand that every customer is different and therefore have individual needs from their systems, in order to meet your specific requirements ACSM can customise our ROVs using a range of standard components to suit the mission and get successful results.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SYSTEM SPECIFICATIONS

GENERAL

| | |
|---|--|
| Dimensions L x W x H (mm) | 900 x 700 x 620 |
| Weight in air / sea water (kg) | 140 / Neutral |
| Depth rating (m) | 500 (option for 1000 m) |
| Propulsion Thrusters | 2 x Horizontal single propellers 2 x Lateral & Vertical twin propellers |
| Thrust FWD / Vertical (kgf) | 40 / 20 |
| Speed/Operational current FWD / Vertical (knot) | 2.5 / 1.5 |
| Payload (kg) | 20 |
| Power requirement | 7,6 kVA at 440 VAC, 50/60 Hz, 3 phase and neutral |

SURVEY EQUIPMENT & TOOLING

- 1 x Tritech Typhoon-AS Colour Zoom Camera
- 1 x Tritech Tornado-AS Low Light Camera with Tilt
- 3 x 250 W Lights
- 1 x Tritech Seaking OAS Sonar
- 1 x Compass Precision Navigation TCM2
- 1 x Depth Sensor
- 1 x 1F Electric Manipulator

LARS system

- The Apache 08 LARS comprises a hydraulic 300 kg SWL A-Frame and Umbilical Winch mounted over a single skid frame, and a 15 kW deck HPU
- Winch drum capacity up to 1000 m of 20 mm tether cable
- All system could be shipped in a single 10' container

Control Cabin & Workshop

- 10' Control Cabin & Workshop, 3.03 x 2.44 x 2.59 m, 3 tons



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