

### ROV COUGAR Freeswimming

#### Cougar Feature:

- Vehicle rated 2000 msw
- Max work depth: 500 msw
- 3 Simultaneous video channels
- RS 485 communication link
- Dual heavy duty manipulators skid (standard)
- Webtool WCO38LP 38mm cable cutter
- Seaeeye brushless SM-6 DC thrusters with velocity feedback control, 4 vectored and 2 vertical thrusters, 38 Kgf each
- Auto heading and depth
- 24V - 250V DC & 110V AC Outlets at Vehicle
- Dual channel variable intensity of lighting, with total output 600W.
- One high resolution colour camera mounted on tilt platform
- One low light monochrome camera mounted on tilt platform
- One manipulator colour minicam C/W led illuminator
- Single channel video overlay Cortex
- Two 15 inch JVC high Resolution monitors
- Two 10 inch JVC high Resolution monitors
- Three DVD recorders (DVD + R standard)
- Super SeaKing sonar system & SeaNet console
- Long distance full optionals spares kit
- Hydraulic winch safe area (CE Certification)
- Electro-Hydraulic Power Pack safe area (CE Certification)
- Sheave wheel with integrated Seaeeye Latch & Lock System
- Copma 110 deck installable crane (1170Kg @ 7,75m - safe area)
- 10' (3 X 2,5 X 2,5 m) Control Cabin airconditioned (safe area)
- 10' (3 X 2,5 X 2,5 m) Store/Workshop Container (safe area)
- Kramer Video Matrix: 8 channel IN, 8 channel OUT
- Clearcomm Communications system: 2 channels



#### Vehicle Specifications:

Length:	1506 mm
Height:	745 mm
Height incl manip skid	1045 mm
Width:	1000 mm
Weight in air:	345 kg
Weight in air incl manip skid:	465 kg
Thrust Forward:	100 kgf
Thrust Lateral:	72 kgf
Thrust Vertical:	76 kgf
Max Speed:	3 kts (5 Km/h)
Payload:	80 kg
Power Requirements:	25 KVA 3ph 50/60Hz 380/475VAC
Deck Space Required:	30 m2 (320 Sqf)

