

### ROV COUGAR Deepwater

#### Cougar Feature:

- Vehicle rated 2000 msw
- Max work depth: 1700 msw
- 5 Simultaneous video channels (4 at vehicle + 1 at TMS)
- 3 fiber optics at vehicle (1 available for additional sensors)
- Dual heavy duty manipulators/tools skid (standard)
- Tools Intervention Skid c/w 660 Volts 9 kW 3Ph PSU (on request)
- 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 - 660V 3PH AC Outlets at Vehicle
- Dual channel variable intensity of lighting, with total output 600W.
- One high resolution colour zoom camera mounted on tilt platform
- One low light monochrome camera mounted on tilt platform
- One colour minicam C/W led illuminator
- Single channel video overlay Cortex
- Two 15 inch JVC high Resolution monitors
- Four 10 inch JVC high Resolution monitors
- Three DVD recorders (DVD + R standard)
- Super SeaKing sonar system & SeaNet console
- Long distance full optionals spares kit
- Deepwater LARS (Zone II) c/w Latch&Lock + Snubber/Rotator for TMS
- Seaeeye TMS C/W 200 m Tether and TMS camera/illuminator
- 13' (4X2,5X2,7 m) Control Cabin DNV 2.7-1-A60 (Zone II on request)
- 8' (2,4X2,4X2,4 m) Store/Workshop Container (Germanischer Lloyds certified)
- Kramer Video Matrix: 8 channel IN, 8 channel OUT
- Clearcomm Communications system: 2 channels



#### Vehicle Specifications:

Length:	1506 mm
Height:	790 mm
Height incl manip skid	1105 mm
Width:	1000 mm
Weight in air:	378 kg
Weight in air incl manip skid:	498 kg
Weight in air incl two skids:	578 kg
Weight in air (max) incl. TMS:	1638 Kg
Thrust Forward:	100 kgf
Thrust Lateral:	72 kgf
Thrust Vertical:	76 kgf
Max Speed:	3 kts (5km/h)
Payload:	100kg
Power Requirements:	75 KVA 3ph 50/60Hz 380/475VAC
Deck Space Required:	40 m2 (430 Sqf)

