

ROV COUGAR Deepwater HP

Cougar Feature:

- Vehicle rated 2000 msw
- Max work depth: 2000 msw
- Up to 8 Simultaneous video channels
- 2 fiber optics at vehicle + 1 at TMS
- Dual heavy duty manipulators/tools skid
- Tools Intervention Skid c/w 660 Volts 9 kW 3Ph PSU
- Seaeeye brushless SM-7 DC thrusters with velocity feedback control, 4 vectored and 2 vertical thrusters, 62 Kgf each
- Auto heading and depth + Pitch & Roll Indicator
- 2 Data/Video Multiplexers at Vehicle + 1 Minimux at TMS
- 24V-500V 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 PAN & TILT
- One low light monochrome camera mounted on PAN & TILT
- 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 c/w 80 GB Hard Disk
- Super SeaKing sonar system & SeaNet console
- Long distance full optionals spares kit
- Deepwater LARS c/w Latch&Lock + Snubber/Rotator for TMS
- Seaeeye TMS C/W 200 m Tether, TMS camera/illuminator & depthmeter
- 20' (6 x 2,5 x 2,7m) Control Cabin with integrated store/workshop (DNV 2.7-1- A60 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:	388 kg
Weight in air incl. Skid:	508 kg
Weight in air incl. 2 Skids:	588 kg
Weight in air (max) incl. TMS:	1.698 Kg
Thrust Forward:	170 kgf
Thrust Lateral:	120 kgf
Thrust Vertical:	110 kgf
Max Speed:	4 kts (6,5 Km/h)
Payload:	100 kg
Power Requirements:	100 KVA 3ph 50/60Hz 380/475VAC
Deck Space Required:	40 m2 (430 Sqf)

