



Cougar XT 1420 Custom

The Cougar XT Custom is compact, highly flexible, extremely powerful, and has the ability to take on a wide range of demanding tasks through a system of quick change tooling skids. This makes the Cougar XT Custom the Ideal Remotely Operated Vehicle solution for Oil and Gas Field Inspection Maintenance and Repair, Dive Support and Light Construction as well as Geological Survey and Oceanographic Research.

Features

- Portable Control System, Free Fly Umbilical Winch and Hiab Sea Crane
- Fully Containerized System Control, work shop and storage with A-Frame
- Modular Tooling/Instrument Systems
- Plug and Play System for Quick mobilization and relocation
- Highest thrust to weight ratio in its class

System Specifications

Manufacturer	Saab Seaeeye	Spare Subsea Tooling Hydraulics	Up to 56 LPM @ 20684 Kpa
Weight	199 Kg (Vehicle only) 410 Kg with Dual Arm Skid 498 Kg with Ballast & Dual Arm Skid	Spare Subsea Power and Data link	10 KW 3 Phase 20 Amp 24v DC & 110 AC 5 channels fiber optic up to 10 Gigabits per second Multiple RS232 & RS485
Size	1320 mm Long / 914 mm Wide 761 mm Height 1066 mm height with Dual Arm Skid	Manipulators	2 x 5 Function Hydrolek Hydraulic Heavy Duty Arms ➤ Lift @ 812 mm Full Extension 40 Kg 7 Function Force Feedback Kraft Predator Arm ➤ Lift @ 1981 mm Full Extension 181 Kg
Depth Rating	300m with 1000m optional		
Payload	169 Kg without Dual Arm Skid 129 Kg with Dual Arm Skid	Control & Navigation	Auto functions: Auto Heading Auto Depth Auto Altitude Cruise Control Thruster trim control Heading Sensors: Fluxgate compass and optional survey-grade Gyro Depth Sensor: high resolution digital pressure transducer Altitude Sensor: Trittech PA200/500 survey-grade Obstacle avoidance Sonar: Kongsburg All navigation data is available for output
Performance	4 Vectored Thrusters Producing: ➤ 180 Kg Forward Thrust ➤ 130 Kg Lateral Thrust 2 Vertical Thrusters Producing: ➤ 122 Kg Vertical Thrust Forward Speed of 3.4 Knots 3rd Vertical Thruster available as an option	Power Requirements	440 Volt 3 Phase 60 Amps
Video & Lighting	4 Video Camera Sources (Vehicle) 1 Video Source on TMS Additional Video Requirements Assessed as Required 4 X 150 Watt lights 2 X 150 Watt light on TMS High Intensity LED optional	Launch and recovery	➤ 1600m telescopic A-Frame with snubber ➤ Hiab Sea Crane and winch for free fly configuration