



Seaeye Cougar XT TMS

Technical data sheet



Seeye Cougar XT TMS

The Seeye Cougar XT is a compact yet high powered ROV system, enabling the vehicle to handle high currents. The vehicle can be deployed for a wide variety of tasks, depending on its configuration. Equipped with the dual 5-function manipulator the ROV can handle lifting rigging, debris, or perform light subsea intervention tasks.

The Cougar XT can accommodate a hydraulic power pack, to power a selection of subsea tooling. The fibre optic data link allows for a variety of survey equipment to be interfaced.

- Subsea intervention;
- Visual inspections;
- Survey capabilities.

The Cougar XT system exist out of three separate units, making it easy to transport and mobilise. The control cabin is housed in a 20 ft container that provides everything for controlling the ROV and auxiliary equipment. Additionally it contains an office space for system documentation and project reporting.

The ROV and its TMS system are deployed from a 20 ft A-frame Launch and Recovery System. This frame contains all the equipment required for launch and recovery of the ROV including umbilical winch and HPU.

For ROV maintenance and eventual modification and repairs the system is provided with a 10 ft workshop container. This unit contains spares and consumables for maintenance of the ROV according to the preventive maintenance system, and also provides the ROV team with a complete set of tools and materials for ROV modification and repair.



Saab Seaeye Cougar XT

Depth rating	1.000 msw
Length	1.515 mm
Width	1.000 mm
Height	790 mm
Launch weight	409 kg
Forward speed	3,2 knots
Thrust forward	170 kgf
Thrust lateral	120 kgf
Thrust vertical	110 kgf (std)
Payload	80 kgf

Standard equipment

Altimeter
B/W and colour camera
Compass
Depth sensor
Dimmable lights
Multibeam imaging sonar
Obstacle avoidance sonar

Optional equipment

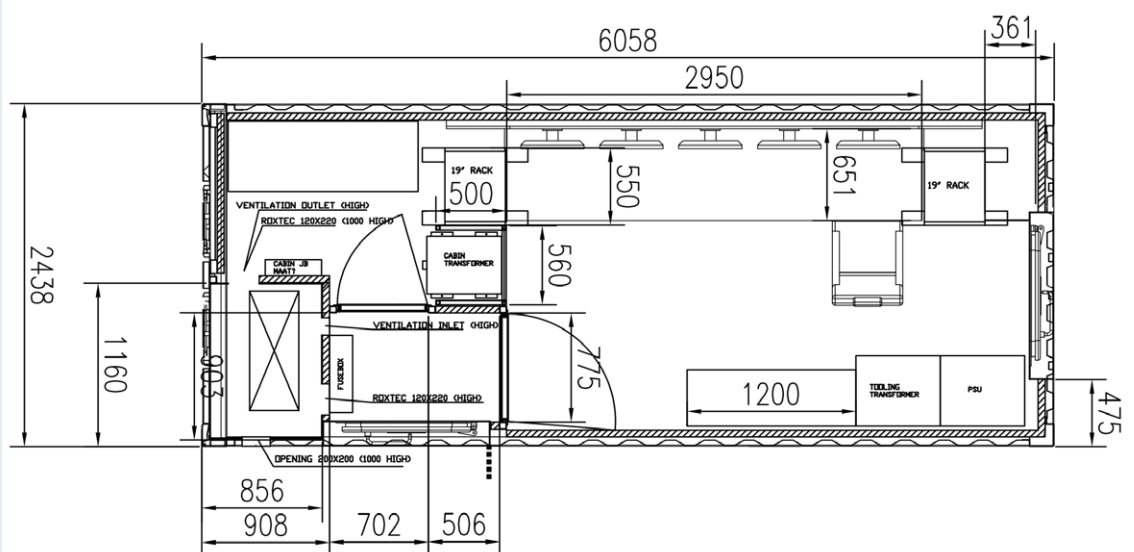
Cable/ pipe tracker
Class 1-4 torque tool
Cleaning equipment (waterjet, flexiclean)
Cutters (rotary, scissor, anvil, etc.)
Dual 5-function manipulator
HD or 4K camera and recording
Magnetic survey system
Multibeam echosounder
Various survey sensors



Standard configuration within the ROV control container

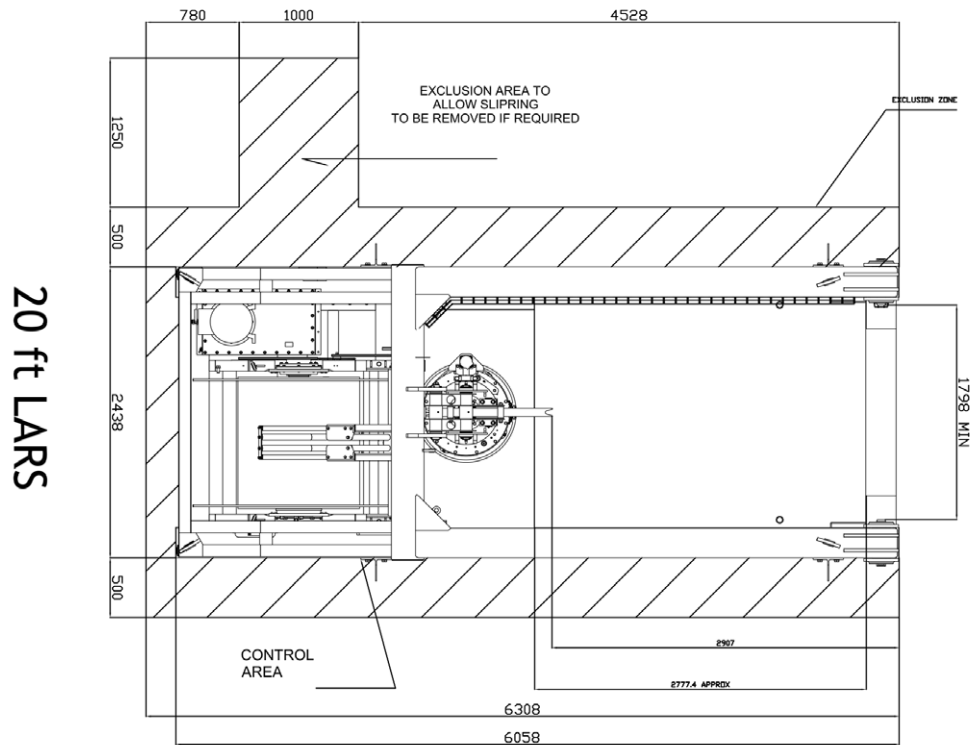
Control container

Dimensions	L 6,06 m x W 2,44 m x H 2,59 m (20 ft container)
Gross weight	10.000 kg
Facilities	Video wall, air conditioned, recording suite and reporting equipment
Power requirements	400/440 VAC, 50/60 Hz, minimum 63 A
Power lead	20 m (standard)

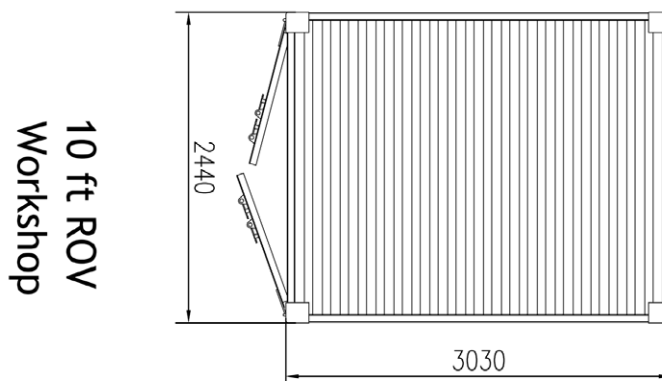


Launch & recovery

Dimensions	L 6,06 m x W 2,44 m x H 3,20 m (20 ft container)
Gross weight	17.500 kg
Launch weight	1.900 kg including ROV
Features	Snubber system, 1100 m main lift capacity
Power requirements	400/440 VAC, 50/60 Hz, minimum 125 A
Power lead	20 m
Deck lead	20 m
TMS with 250 m tether capacity	



Dimensions	L 3,03 m x W 2,44 m x H 2,59 m (10 ft container)
Gross weight	8.500 kg
Power requirements	400/440 VAC, 50/60 Hz, minimum 32 A
Power lead	20 m (standard)



Workshop & spares container