

SWIRE SEABED

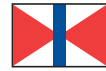
Reaching further



SPERRE SUB-FIGHTER 15K

Observation Class ROV

- Observation class ROV – 20 Hp HPU
- 2000 m depth rated
- Top hat TMS
- Active Heave Compensated Launch and Recovery System



SPERRE SUB-FIGHTER 15K

TECHNICAL SPECIFICATIONS

ROV GENERAL

Manufacturer:	Sperre
Model(s):	63
Depth rating:	2000 m
Power pack:	20 Hp
Through frame lift:	N/A
Dimensions (LxWxH):	1.5 x 0.97 x 0.82 m
Weight:	450 kg
Thrusters:	5 x horizontal 2 x vertical

PERFORMANCE

Payload capacity:	20 kg
Speed	
Forward:	3.0 knots
Lateral:	1.0 knots
Vertical:	1.9 knots
Bollard Pull	
Forward:	80 kg
Lateral:	40 kg
Vertical:	80 kg

STANDARD EQUIPMENT FIT

Manipulators:	1 x 5 function Hydro-lek grabber 1 x 4 function Hydro-lek manipulator
Sonar:	Kongsberg Mesotech MS1000
Lights:	4 x 250 W LED
Cameras:	1 x low light 1 x black & white 1 x colour zoom Pan & tilt unit
Depth sensor:	GE druck PTX1400
Compass:	Gyro/ fluxgate
Altimeter:	Kongsberg MS1007 Altimeter

INTERFACES

Video:	4 x real time video channels
Communication:	4 x RS-232 2 x S285/ 422/ TTL 1 x spare fibre optic multiplexer
Options:	On request

CONTROL MODES

- Auto heading
- Auto depth

CONTROL / WORKSHOP

Control & workshop container:	Combined 20 ft standard ISO container
Control console:	2 x ergonomic pilot chairs integrated joysticks integrated touch screen 19 inch rack video matrix 16 channel
Video recording system:	DVR black-box duo with independent video overlay per channel

POWER REQUIREMENTS

A-frame HPU:	(common with winch HPU)
Winch HPU:	440 VAC, 60 Hz, 3-phase
ROV PDU:	230/ 440 VAC, 60 Hz, 3-phase, 15 kW
Control container:	230 VAC, 60 Hz, 16 A
Power/ workshop container:	Common with control container

TMS

Manufacturer/ type:	Sperre Electric TMS
Depth rating:	3000 m
Tether capacity:	250 m (23.5 mm tether)
Diameter:	1.52 m
Height:	1.65 m

LAUNCH AND RECOVERY SYSTEM

Type:	A-frame (marine crane)
Manufacturer:	MB Hydraulic
Certification:	Crane classified and certified as marine service crane
SWL (deployed):	5 Te
Outreach:	6.5 m