

SUB-fighter 4500

- ROV designed for tough conditions
- Reliable and well proven design
- Quick and easy mobilization
- Very good stability
- Plenty of power
- Interface for standard tools
- Quality at an affordable price
- Require a minimum of maintenance
- Made in Norway



STANDARD ROV SYSTEM

Vehicle	LWH 1180 x 720 x 720 mm
Frame	Anodized aluminium
Housings	2 x 1 ata.
Weight in air	240 kg
Payload	20 kg. approx.
Standard working depth	700 m. (3000 m.)
Buoyancy	Solid cell structure
Power input	230/400/440/690 V AC, single phase, 5-7 kW
Thrusters	Horizontal 2 x 1000 W, Vertical 1 x 2000 W Lateral 1 x 1000 W, Thrust 200 - 450 N Electronic resettable overcurrent protection SUB-fighter 4500 with hydraulic manipulator skid
Speed approx.	Horizontal 2,6 knot, Vertical 1.1 knot, Lateral 1.2 knot Turn 60 deg/sek.
Camera	4 x camera interfaces, Low light colour camera 520 TV lines 0,1 lux.
Lights	2 x 250W halogen light, 3 channel light dimmer Interface for 4x halogene, LED and HMI gas light 2 x 400W
Pan / Tilt	Tilt angle: 90 degrees, Pan angle 45 degrees
Sensors	100 bar depth sensor, fluxgate compass, rategyro leakage detectors
Auto functions	Auto depth, Auto heading
Telemetry	Focal 907, Fibreoptic multiplexer, 3-5 video channels, 6 x RS 232/485 channels Opional: HD-video, Ethernet, USB link, others

Specifications are subject to change

SUB-fighter 4500

SURFACE EQUIPMENT

ROV CONTROL UNIT

Splash proof 19` rack
PC and 17" monitor.
Vigra overlay system.
Data presentations with text and graphical overlay.
DVD and HDD video PC recorder
Connections for umbilical, sonar, remote control,
RS 232/485 communication ports

Height 640 mm. Width 540 mm.
Length 600 mm. Weight 72 kg.

TRANSFORMER UNIT

Splash proof aluminium cabinet
Power input 230 V 50 HZ. single phase,7 kW.
Transformer 230 V to 990 V AC.
Digital instruments, Volts, Amps and HZ.
Fuses and megacon ground fault system
Connections for umbilical.

Height 340 mm. Width 370 mm.
Length 570 mm. Weight 40 kg.

REMOTE CONTROL

ROV pilot control console with two XY
joysticks for thrusters control.
Switches for camera, light, manipulator, remote
functions on ROV, and other external functions.
Height 200 (400) mm. Width 210 mm.
Length 430 mm. Weight 4 kg.

TETHER

Kevlar armoured cable.
Length 0-1000 meters.
Weight in air, approx. 200 kg./km.
Weight in seawater neutral
Outer diameter 12 -15,2 mm.
2 or 4 x single mode fiber
Break strength 800 kg

ADDITIONAL EQUIPMENT

- Survey channels, RS 232, RS 485
- Lights, halogene, LED, HMI gas light
- HD camera
- Black/White super low light
- Colour zoom camera
- Video exchange
- Laser
- Sonar
- Navigation, HPR
- Electric manipulator/ropecutter
- Hydraulic Manipulator
- Tether storage winch
- Copper telemetry available

Several other equipment available.