



# SUB-fighter

ROV comparison chart  
Standard delivery volume

MODEL		3000	3000	4500	7500	7500	7500	15 k	30 k
						CROV	offshore	offshore	offshore
<b>Type of ROV System</b>									
Electric		yes	yes	yes	yes	yes	yes	yes	yes
Inspection		yes	yes	yes	yes	yes	yes	yes	yes
Light work		yes	yes	yes	yes	yes	yes	yes	-
Work		-	-	yes	yes	yes	yes	yes	yes
Survey		yes	yes	yes	yes	yes	yes	yes	yes
TMS		-	-	option	option	option	option	option	option
LARS		-	-	option	option	option	option	option	option
Container based		-	-	option	option	option	option	option	option
Custom build		yes	yes	yes	yes	yes	yes	yes	yes
<b>Depth rating</b>									
Standard	m	300	700	700	700	700	1500	700	1000
Optional	m	700	-	3000	3000	3000	3000	6000	6000
<b>Dimensions</b>									
Length	mm	800	970	1180	1440	1200	1500	1500	2500
Width	mm	700	670	720	820	930	820	9700	1500
Height	mm	550	640	720	810	830	870	820	1600
<b>Weight</b>									
ROV	kg	78	147	240	340	310	410	505	1350
Top side	kg	17	48	126	136	136	-	-	-
System Complete	kg	108	195	316	476	446	-	-	-
<b>Payload ROV</b>									
Weight App.	kg	5	5	20	20	20	30	30	60
Optional Payload		yes	yes	Yes	yes	yes	yes	yes	yes
<b>Tether</b>									
Fiber / Copper	F/C	C	F	F	F	F	F	F	F
Dimension	mm	11	12,5	15,5	15,5	15,5	16 / 20	16/20	22/27
Weight Dry / 100 m	kg	25,5	13	18	18	18	21	-	-
Weight in Salt Water	kg	+10	0	0	0	0	0	0	0
Max length std. tether	m	200	1000	1000	1000	1000	500	500	500
<b>Power Requirements</b>									
Single Phase	VAC	230	230	230	230	230	-	-	-
3 Phase	VAC	230	230	230	230	230	440/690	440/690	440/690
AC	Hz	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60
Power	kVA	5	5	7	10	10	10	18	40
Optional System VAC		yes	yes	yes	yes	yes	yes	yes	yes
<b>Thrusters</b>									
Brushless AC		yes	yes	Yes	yes	yes	yes	yes	yes
Electronic Fuse Reset		yes	yes	yes	yes	yes	yes	yes	yes
Adjustable Power Settings		yes	yes	yes	yes	yes	yes	yes	yes
Oil Compensated		yes	yes	yes	yes	yes	yes	yes	yes

<b>MODEL</b>		<b>3000</b>	<b>3000</b>	<b>4500</b>	<b>7500</b>	<b>7500</b>	<b>7500</b>	<b>15 k</b>	<b>30 k</b>
						CROV	offshore	offshore	offshore
<b>Thruster configuration</b>									
Horizontal		2	2	2	2	2	2	4 x V	2
Vertical		1	1	1	2	3	2	2	3
Lateral		-	-	1	1	V	1	4 x V	1
Optional Thrust		-	-	yes	yes	yes	yes	yes	yes
<b>Speed</b>									
Forward	knot	>3	>3	2,1	2,8	2,5	2,8	3	2,1
Vertical	knot	1,5	1,5	1,1	1,9	2,6	1,2	2	1,8
Lateral	knot	-	-	1,2	1,3	-	1,3	3	0,9
<b>Frame</b>									
Anodized Aluminium	6082	yes	yes	Yes	yes	yes	yes	yes	yes
<b>Buoyancy</b>									
Divinycell		yes	yes	Yes	yes	yes	-	-	-
Syntactic Foam		-	-	option	option	option	yes	yes	yes
<b>Auto Functions</b>									
Depth		yes	yes	Yes	yes	yes	yes	yes	yes
Heading		yes	yes	Yes	yes	yes	yes	yes	yes
Altitude		option	option	option	option	option	option	option	option
Traction DP, Dynamic Positioning		-	-	-	option	option	option	option	option
<b>Telemetry System</b>									
Fibre		option	yes	yes	yes	yes	yes	yes	yes
TWP - FSK		yes	option	option	option	option	-	-	-
<b>Video and Data system</b>									
Camera Interfaces		3	3	4	4	4	4 - 5	4 - 6	4 - 7
Video Simultaneous		1	1	3	3	3	3	3-4	4
Switch function Channel for 4 Cameras		1	1	1	1	1	1	1	1
Survey Channel RS 232		-	2	2	2	2	3	3	16
Survey Channel RS 485		-	1	1	1	1	2	2	5
Survey Data Channels		-	option	yes	yes	yes	yes	yes	yes
Ethernet 10 –100 mBit		-	option	option	option	option	option	option	option
USB interface		-	option	option	option	option	option	option	option
HD - Camera Interface		-	option	option	option	option	option	option	option
<b>Camera</b>									
CCD Colour Low light		yes	yes	yes	yes	yes	yes	yes	yes
CCD B/W Low Light		option	option	option	option	option	yes	yes	yes
Zoom		option	option	option	option	option	option	option	option
HD-SDI		-	-	option	option	option	option	option	option
Still Camera		-	option	option	option	option	option	option	option

Data can be changed

2

Phone: +4735025000  
Fax: +4735025120  
Mobile: +4792024616

E-mail: [wh@sperre-as.com](mailto:wh@sperre-as.com)  
<http://www.sperre-as.com>

VAT number: NO947 063 405  
Bank account: 2699.05.11119

MODEL		3000	3000	4500	7500	7500	7500	15 k	30 k
						CROV	offshore	offshore	offshore
<b>Lighting</b>									
Lights Halogen 250W		2	2	2	2	2	2	2	2
Light Interfaces Standard		2	2	4	4	4	4	4	4
Dimmable Halogen 250W		-	-	4	4	4	4	4	4
Dimmable Channels		-	-	3	3	3	3	3	3-6
LED 150 W Interface		option	option	yes	yes	yes	yes	yes	yes
HMI 2 x 400W Interface		option	option	yes	yes	yes	yes	yes	yes
<b>Camera mounting</b>									
Pan and Tilt Cameras		yes	yes	yes	yes	yes	yes	yes	yes
Pan and Tilt Lights		yes	yes	yes	yes	yes	yes	yes	yes
Top and Rear Mounted		option	option	option	option	option	option	option	option
<b>LARS</b>									
<b>Launch and recovery</b>									
Pad Eye		yes	yes	yes	yes	yes	-	-	-
Latch		-	-	option	option	option	yes	yes	yes
LARS		-	-	option	option	option	yes	yes	yes
<b>Interfaces Tools and Survey Equipment</b>									
Survey channels, RS232, RS422, RS485 (Fiber optical systems)		-	-	option	option	option	option	option	option
Manipulator Grabber 1F		yes	yes	yes	yes	yes	yes	yes	yes
Hydraulic Manipulator 5F		-	-	option	option	option	option	option	option
Hydraulic Manipulator 7F		-	-	-	-	-	-	option	option
Sonar TWP / RS 485		yes	yes	yes	yes	yes	yes	yes	yes
Cameras		yes	yes	yes	yes	yes	yes	yes	yes
HD Camera		-	-	option	option	option	option	option	option
Lighting		yes	yes	yes	yes	yes	yes	yes	yes
Transponder		yes	yes	yes	yes	yes	yes	yes	yes
Laser		yes	yes	yes	yes	yes	yes	yes	yes
3 phase Electric Tools		option	option	option	option	option	option	option	option
Multi beam		-	-	option	option	option	option	option	option
Cable Tracker		-	-	option	option	option	option	option	option
CTD Sensors		-	option	option	option	option	option	option	option
Sub Bottom		-	-	option	option	option	option	option	option
Digiquarts Depth Gauge		-	option	option	option	option	option	option	option
Hydraulic Tooling		-	-	option	option	option	option	option	option
<b>Surface Viewing and Control System</b>									
Portable Units		yes	yes	yes	yes	yes	build in	build in	build in
Splash proof Cabinets		yes	yes	yes	yes	yes	-	-	-
Video Monitor	>19"	yes	yes	yes	yes	yes	yes	yes	yes
PC Monitor	>19"	yes	yes	yes	yes	yes	yes	yes	yes
PC		-	-	yes	yes	yes	yes	yes	yes
Portable Remote Control		yes	yes	yes	yes	yes	yes	yes	yes
Wireless Control		option	option	option	option	option	option	option	option

Data can be changed

3

Phone: +4735025000  
 Fax: +4735025120  
 Mobile: +4792024616

E-mail: [wh@sperre-as.com](mailto:wh@sperre-as.com)  
<http://www.sperre-as.com>

VAT number: NO947 063 405  
 Bank account: 2699.05.11119

MODEL		3000	3000	4500	7500	7500	7500	15 k	30 k
						CROV	offshore	offshore	offshore
<b>Video Overlay</b>									
Overlay		yes	yes	yes	yes	yes	yes	yes	yes
Still Picture		-	-	yes	yes	yes	yes	yes	yes
Video Measurement		-	-	yes	yes	yes	yes	yes	yes
Video Pointer		-	-	yes	yes	yes	yes	yes	yes
Position and NMEA		-	-	yes	yes	yes	yes	yes	yes
Individual Setup		-	-	yes	yes	yes	yes	yes	yes
<b>Video Recording</b>									
DVD Build In PC		-	-	yes	yes	yes	yes	yes	yes
HDD Build In PC		-	-	yes	yes	yes	yes	yes	yes
External DVD HDD HD		option	option	option	option	option	option	option	option

Data can be changed