

SEAEYE ROV COMPARISON CHART

	Falcon	Falcon DR	Tiger	Lynx	Cougar XT Compact	Cougar XT	Cougar XTi	Panther XT	Panther XT Plus	Jaguar
Depth rating (msw)	300	1000	1000	1500	300	2000	3000	1500	1000	3000 option 6000
Dimensions:										
Length (mm)	1000	1055	1030	1230	1300	1515	1515	1750	2140	2200
Height (mm)	500	635	590	605	784	790	905	1217	1217	1500
Width (mm)	600	600	700	815	900	1000	1000	1060	1060	1325
Weight in air (kg)	60	100	150	200	270	409	580	500	800	2100
Payload (kg)	14	15	32	34	60	80	80	110	150	225
Thrust:										
Forward (kgf)	50	50	62	66	170	170	170	180	353	325
Lateral (kgf)	28	28	43	47	120	120	120	125	248	290
Vertical (kgf)	13	13	22	43	110	110	110	110	105	225
Speed (knots)	>3	>3	3	3	>3	3.2	3.2	>3	4	>3
Brushless DC thrusters:										
Type	MCT 1	MCT 1	SM4	SM4	SM7	SM7	SM7	SM7	SM7	SM8 & SM7
Horizontal configuration	4	4	4	4	4	4	4	4	8	4 x SM8
Vertical configuration	1	1	1	2	2	2	2	2	2	4 x SM7
Velocity feedback control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auto functions:										
Auto-depth	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auto-heading	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auto-altitude	-	-	option	option	option	option	option	option	option	✓
Auto pitch/roll	-	-	-	-	-	-	-	-	-	✓
DP (Dynamic Positioning)	-	-	-	-	-	-	-	-	-	option
Video channels:										
Simultaneous	1	3	2	4	4	4	4	4	4	8
Additional switched cameras	1	0	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Video transmission	STP/FO	FO	STP/FO	STP/FO	STP/FO	FO	FO	FO	FO	FO
Camera mounting:										
Tilt platform	✓	✓	✓	✓	✓	-	-	-	-	✓
Pan and tilt platform	-	-	-	-	-	✓	✓	✓	✓	✓
Distributed control system	✓ (FPP *)	-	-	-	-	-	✓ (OPS **)	-	-	✓ (OPS **)
Lighting:										
Lights (standard quantity)	2	2	2	4	4	4	4	4	4	6
LED lamps	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard
Typical manipulator fit	1f or 5f	1f or 5f	1 x 4f	1 x 4f	1 x 4f	2 x 5f	2 x 5f	1 x 5f & 1 x 6f	1 x 7f & 1 x 4f	1 x 7f & 1 x 4f
Tooling 3PH power outlet on ROV	no	no	option	option	option	option	option	option	option	option
System input:										
Phase	single	single	3	3	3	3	3	3	3	3
Voltage (VAC)	100-270	100-270	380-480	380-480	380-480	380-480	380-480	380-480	380-480	380-480
Frequency (Hz)	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60

* FPP = Falcon Proprietary Protocol

** OPS = Open Publisher Subscriber

SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE

SEAEYE ROV COMPARISON

The following images give an approximate size comparison.



FALCON 300 msw



FALCON DR 1000 msw



TIGER (WITH SKID) 1000 msw



LYNX 1500 msw



COUGAR-XT COMPACT (WITH SKID) 300 msw



COUGAR-XT 2000 msw



COUGAR-XTi (WITH SKID) 3000 msw



PANTHER-XT 1500 msw



PANTHER-XT PLUS 1000 msw



JAGUAR 3000 msw (OPTION 6000 msw)

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