FOIL WINGS SPECIFICATIONS

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(all data from manufacturers – courtesy of **Yohei Yamada**, Japan)

FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand AK

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
PLASMA					
1000	837		1000	7	
1300	954		1300	7	
1600	1058		1600	7	
TRACER					
850	652		850	5	
1000	707		1000	5	
1300	806		1300	5	
1600	894		1600	5	
1900	975		1900	5	
TREK					
1000	632		1000	4	
1300	739		1300	4.2	
1600	820		1600	4.2	
2000	917		2000	4.2	

Please, if you are a manufacturer and you find some errors, let us know so we can provide and fix it.

FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand ARMSTRONG

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
HA525	730		525	10.2	500
HA725	849		725	10	690
HA925	954		925	9.8	900
HA1125	1125		1125	9.8	955
HA1325	1164		1325	10.2	1100
HA1525	1200		1525	9.5	1275
HS625	605		626	5.8	430
HS850	669		850	5.3	720
HS1050	669		1050	4.3	820
HS1250	830		1250	5.5	850
HS1550V2	938		1550	5.7	1125
HS1850	940		1850	4.8	1350
CF800	600		800	4.5	700
CF1200	675		1200	3.8	950
1550V1	800		1548	4.1	1200
CF2400	970		2390	3.9	1850
TAIL WING					
HA195	385		195	7,6	100
HS232	387		232	6,5	140
CF300	398		300	5,3	180
V200	330		200	5,4	120

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand AXIS

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
AXIS Research Team					
799	799	120	707	9.05	
899	899	120	830	9.76	
999	999	125	1010	9.9	
1099	1100	130	1142	10.6	
High Performance Speed					
650	650	140	744	6.68	
700	700	160	870	5.63	
830	830	145	984	7	
880	880	150	1079	7.17	
930	930	155	1179	7.34	
980	980	160	1283	7.49	
1050	1050	170	1460	7.55	
Broad Spectrum Curve					
740	740	140	844	6.49	
810	810	155	1022	6.42	
890	890	170	1232	6.43	
970	970	190	1501	6.27	
1060	1060	200	1726	6.51	
1120	1120	220	2007	6.25	
Pump And Glide					
850	850	150	1061	6.81	
910	910	180	1218	6.8	
1010	1010	170	1430	7.13	
1150	1150	180	1713	7.72	
1300	1300	180	1700	9.94	

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand CABRINHA

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
FUSION H-SERIES					
H650	720	125	650	7.9	
H800	900	125	800	9.9	
H1000	900	155	1000	8.1	
H1200	900	185	1200	6.7	
FUSION X-SERIES					
X950	630		950	4.2	
X1300	780		1300	4.7	
X1600	900		1600	5.05	
X1950	1000		1950	5.13	
TAIL WING					
FUSION H-SERIES	420		180	9.8	
FUSION X-SERIES	370		220	6.4	
FUSION X-SERIES	430		300	6.4	

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

BRAND CLOUD IX

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
F24	610		819	4.5	
F28	711		961	5.3	
F32	813		1129	5.9	
F38	965		1336	7.0	
F42	1066.8		1619	7.0	

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand F-ONE

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
EAGLE HM					
790	865		790	9.5	1.1
890	925		890	9.5	1.23
990	970		990	9.5	1.31
1090	1020		1090	9.5	1.48
SEVEN SEAS					
1000	865		1000	7.5	1.35
1200	950		1200	7.5	1.44
1400	1035		1400	7.5	1.61
PHANTOM-S					
740	695		740	6.5	0.8
840	740		840	6.5	1
940	780		940	6.5	1
PHANTOM Carbon					
980	780		980	6.2	1.2
1080	800		1080	5.9	1.2
1280	870		1280	5.9	1.37
1480	960		1480	6.2	1.62
1780	1070		1780	6.4	1.9
GRAVITY					
1800	900		1800	4.6	1.95
2200	1100		2200	5.5	2.15
PHANTOM FCT					
1280	870		1280	5.9	1.2
1480	960		1480	6.2	1.4
1680	1040		1680	6.4	1.6
GRAVITY FCT					
1800	950		1800	5	1.7
2200	1100		2200	5.5	2.2

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand FANATIC

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
AERO CARVE RANGE					
750	630		750	5.2	
900	700		900	5.2	
1150	780		1150	5.2	
1400	860		1400	5.2	
ERO HIGH ASPECT RANGE					
1250	900		1250	6.5	
1500	950		1500	6	
1750	1000		1750	5.7	
2000	1100		2000	5.9	
AIR LIFT					
AIR LIFT AL 3.0	1110		2400	5.1	
FLOW RANGE					
1000			1000		
1250			1250		
1500			1500		

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand GONG

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
WING RISE					
The M	700	227	1258	3.9	
The L	800	254	1643	3.9	
The XL	900	259	1844	4.4	
The XXL	1000	275	2175	4.6	
X-Over					
The M	700	220	1250	3.9	
The L	800	243	1550	4.1	
The XL	900	260	1900	4.3	
The XXL	1000	270	2200	4.5	
CURVE PRO CLEAR					
The S-T	630	170	800	5.0	
The M	690	180	1100	4.3	
The M-T	730	181	1100	4.8	
The L	770	201	1350	4.4	
The L-T	850	201	1450	5.0	
The XL-S	890	220	1500	5.3	
The XL	920	238	1900	4.5	
The XL-T	1020	238	2100	5.0	
The XXL	1100	275	2800	4.3	
FLUID PRO CLEAR					
The S	610	139	650	5.7	
The S-T	650	139	700	6.0	
The MS	660	150	800	5.4	
The M	710	162	900	5.6	
The M-T	750	162	950	5.9	
The L-S	760	184	1100	5.3	
The L	810	184	1200	5.5	
The L-T	850	184	1250	5.8	
The XL-S	860	207	1400	5.3	
The XL	910	207	1500	5.5	
The XL-T	950	207	1550	5.8	
The XXL-S	960	230	1750	5.3	
The XXL	1010	230	1850	5.5	
The XXL-T	1050	230	1950	5.7	
VELOCE PRO CLEAR					
The VELOCE XS-T	630	129	650	6.1	
The VELOCE S-T	670	137	750	6.0	
The VELOCE M	710	160	1000	5.0	
The VELOCE M-T	780	160	1050	5.8	
The VELOCE L	820	180	1300	5.2	
The VELOCE L-T	900	185	1350	6.0	
The VELOCE XL	940	200	1600	5.5	
The VELOCE XL-T	970	200	1620	5.8	
The VELOCE XXL	1070	208	1900	6.0	

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand GO FOIL

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
FRONT WINGS					
KAI - 120	625	225			845
IWA - 170	790	240	1430	4.4	1100
M200	910	250	1780	4.7	1540
M280	1040	300	2460	4.4	1770
GL WINGS					
GL80	610	150	695	5.4	705
GL100	610	165	750	5	710
GL120	710	165	950	5.3	750
GL140	810	165	1085	6	800
GL180	970	165	1290	7.3	850
GL210	970	190	1495	6.3	1000
GL240	1070	216	1875	6.1	1250
NL WINGS					
NL100	635	152.5	750	5.4	530
NL130	73	185	1055	5.1	750
NL160	890	185	1270	6.2	820
NL190	965	185	1385	6.7	900
NL220	965	210	1565	6	1030
PNL185	1070	152.5	1305	8.8	910
EZ SERIES					
EZ 1025	720	195	1025	5.1	640
EZ 1275	800	220	1275	5	792
EZ 1600	890	240	1600	5	944
EZ 1800	1010	240	1800	5.7	1026
GT SERIES					
GT 750	650	155	750	5.6	490
GT 1050	740	190	1050	5.2	670
GT 1250	890	190	1250	6.3	750
GT 1400	960	190	1400	6.6	874
GT 2200	1120	260	2200	5.7	1334
RS SERIES					
RS 500	695	95	500	9.7	400
RS 650	695	120	650	7.4	426
RS 1000	810	155	1000	6.6	742
RS 1150	915	150	1150	7.3	760
RS 1300	1050	150	1300	8.5	840
TAIL WINGS					
12.5" FTS	317.5	75			178
12.5" FTL	317.5	75			236
14.5" FTS	370	75			220
14.5" FTL	370	75			276
20.0" FTL	510	75			324
KAI TAIL	410	76		5.3	310
MALIKO TAIL	560	89		6.3	450
18” GL	460	70		6.5	210
12.5” FLIP TIP	317.5	60		5.3	110
14.5” FLIP TIP	370	67		5.5	160
17.5 FLIP TIP	445	70		6.4	210
9.5” PEDESTAL					110
6.5” PEDESTAL					80

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand HORUE

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
CR673	690		673	7.1	
LW799	800		799	8.0	
XLW971	910		971	8.5	
XXLW1349	1210		1349	10.9	
XLW1611LA	890		1611	5.0	
Tail Wings					
Stabilizer	500		400	6.3	
LIBEL					
(different choiche/combo of dual wings)					
Front wing TOP					
T515	610		610	6,1	
T630	660		630	6,9	
T760	760		780	7,4	
Front wing BOTTOM					
L310	580		310	10,9	
L460	600		460	7,8	
L560	660		560	7,8	
L710	760		710	8,1	
Stabilizer					
	380		210	6,9	
	440		245	7,9	
	460		300	7,1	
Fuselage length					
Short 53 cm					
Medium 60					
Long 68					

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand LIFT FOILS

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
Wing Front					
60 Surf V2	484		390	6	
100 Surf V2	637		645	6.3	
150 Surf V2	792		965	6.5	
200 Surf V2	835		1290	5.4	
250 Surf V2	861		1610	4.6	
300 Surf V2	891		1935	4.1	
High Aspect Wings					
90 Front	799		580	11	
120 Front	889		775	10.2	
170 Front	942		1095	8.1	
200 Front	937		1290	6.8	
Tail Wings					
Surf Wing Back 40					
25 Glide V2					
32 Glide V2					
33 Carve					
38 Surf V2					
48 Surf V2					
26 Carve					

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand NAISH

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
Jet 1050	640		1050	4	
Jet 1250	700		1250	4	
Jet 1650	885		1650	4.8	
Jet 2000	1000		2000	5.1	
Jet 2450	1000		2450	4.1	
Jet MA 850	610		850	4.4	
Jet MA 1000	662		1000	4.4	
Jet MA 1200	728		1200	4.4	
Jet MA 1600	812		1600	4.1	
Jet MA 2000	940		2000	4.4	
Jet HA 1040	870		1040	7.9	
Jet HA 1240	945		1240	7.2	
Jet HA 1400	980		1400	6.9	
Jet HA 1800	1000		1800	5.6	
Jet HA 2140	1075		2140	5.4	
Wind/Wing HA 914	875		914	8.4	
Wind/Wing HA 1150	800		1150	5.6	
Tail Wings					
Jet HA 220					
Jet HA 280					
Jet HA 310					
Jet 320					
Jet 450					

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand RRD

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	max thick. (mm)
universal front					
entry freeride	1100	270	2400	5,0	28,5
hybrid carbon	820	240	1582	4,3	30
universal carbon front					
entry freeride light weight	1100	270	2400	5,0	28,5
full carbon	980	230	1750	5,5	27,5
	820	240	1582	4,3	30
dynamic carbon front					
freeride / freestyle	1060	250	2000	5,6	25
full carbon	980	248	1700	5,6	24,8
	900	206	1400	5,8	24,8
dynamic pro front					
freestyle / wave	830	227	1500	4,5	22,7
full carbon	747	210	1200	4,5	22,5
	664	172	900	4,5	22,5
	555	160	700	4,5	19
blaze front					
race / freestyle wave	1035	226	1850	6	19,3
hi performance	975	200	1550	6	19,2
full carbon	865	180	1250	6	19
	790	150	950	6,5	19
	725	143	850	6,2	17
	690	136	750	6,3	16
	645	127	650	6,4	15
	580	110	530	6,5	12
spark carbon front					
slalom race hi-aspect	1060	167	1100	10	12,9
full carbon	900	158	900	9	12,2
	830	140	750	9	11,2
TAIL WINGS					
universal rear wing					
freeride-hybrid carbon	520	10	373	7,2	13
& lightweight -full carbon	440	9	290	6,7	11
universal k rear wing					
freeride / freestyle	380	8	262	5,5	10,2
hybrid carbon & full carbon					
dynamic pro rear wing					
freestyle / wave	420	7	250	7,1	8
hi-performance	370	6,7	210	6,5	8
full carbon					
blaze rear wing					
wing - surf - kite high aspect	450	6,3	250	8,1	6,4
	410	6	215	7,8	6,4
	380	5,7	195	7,4	6,4
	340	5,7	165	7,0	6,4

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand SABFOIL

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
W449	449	70	281	7.2	182
W525	525	80	368	7.6	281
W607	669	92	440	8.4	433
W671	671	115	570	7.8	527
W699	699	170	850	7.75	
W740	740	130	702	8.1	560
W799	799	170	1100	5.8	844.5
W800	800	129.5	840	7.6	644
W899	899	187	1383	5.8	982
W940	940	165	1100	8	930
W945	945	185	1300	6.9	1162.5
W950	950	185	1350	6.7	973
W999	999	225	1747	5.71	1136
W1100	1100	246	2100	5.7	1377
W1250	1250	246.5	2400	6.5	1300
W1000	1000	135	987	10.1	975
W1110	1110	132.6	1180	10.4	1300

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand SLINGSHOT

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
PHANTASM					
PTM 926	926		1263	6.8	
PFI 928	928		2389	3.6	
PFI 730	730		1456	3.7	
PTM 1001	1001		1119	9.0	
PFH 657	657		743	5.8	
PTM 730	730		655	8.1	
PFI 835	835		2030	3.4	
PFI 767	767		860	6.8	
HOVER GLIDES					
Tail Wings					
325	325		202	5,2	
400	400		280	5,7	

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand STARBOARD

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
S-Type					
1200	680		1200	3.9	
1500	770		1500	4.0	
2000	880		2000	3.9	
2400	1000		2400	4.2	
E-Type					
1100	740		1100	5.0	
1300	820		1300	5.2	
1700	960		1700	5.4	
2000	1100		2000	6.1	
X-Type					
1100	810		1100	6.0	
1500	1000		1500	6.7	
Ocean Surf					
2000	900		2000	4.1	
2400	1050		2400	4.6	
Glider					
750	740		750	7.3	
900	840		900	7.8	
1100	950		1100	8.2	
1400	1060		1400	8.0	
1700	1130		1700	7.5	
Tail Wings					
RAZR H.A.R. 250					
RAZR 250					
RAZR 250 G100					
RAZR 220					
Wave 270					

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand TAKUMA

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
Kujira 750	675	139	750	5.9	
Kujira 980	800	155	980	6.5	
Kujira 1095	956	151	1095	8.3	
Kujira 1210	935	162	1210	7.2	
Kujira 1440	1085	170	1440	8.2	
Helium 1500	910	202.2	1500	5.5	
Helium 1750	980	218.2	1750	4.5	
Tail Wings					
BW 158	324	61	158	6.6	
BW 178	345	64	178	6.6	
BW 220	390	70	220	6.9	

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FOIL WINGS SPECIFICATIONS (all data from manufacturers – courtesy of Yohei Yamada, Japan)

Brand UNIFOIL

PRODUCT name	WING SPAN (mm)	CHORD (mm)	PROJECTED SURFACE AREA (cm2)	ASPECT RATIO A/R	WEIGHT (g)
Viper					
130	696	140	838	5.7	
150	753	148	967	5.8	
170	815	160	1096	6.0	
190	865	174	1225	6.1	
Vortex					
150	670	182	968	4.6	
175	670	217	1130	4.0	
Hyper					
150	857	128	968	7.6	
170	900	150	1051	7.72	
190	980	158	1226	7.8	
210	960	167	1355	6.8	

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