Foils Specs Imperial/Metric

Front Wings Interchangeable

Atlas	Atlas, Front Wing								
Size	Area Sqin / Sqcm	Span Mm	AR	Airfoil Type	Sweep	Speed Mph	Level	Construction	Weight κ_g
570	570	775	10.5	HC low bias	medium	9.5 - 36	Adv	Std mod +	0.53
680	680	850	10.6	HC low bias	low	8.5 - 34	Int, Adv	Std mod +	0.66
790	790	920	10.7	HC low bias	very low	8 - 33	Int	Std mod +	0.76
960	960	1020	10.8	HC low bias	none	7 - 30	Int	Std mod +	0.95
1130	1130	1110	10.9	HC low bias	none	6.5 - 28	Beg, Int, Adv	Std mod +	1.16
1340	1340	1220	11.1	HC low bias	none	6 - 26	Beg, Int, Adv	Std mod +	1.42

Nom	ad, Front W	ing							
Size	Area Sqin / Sqcm	Span Mm	AR	Airfoil Type	Sweep	Speed Mph	Level	Construction	Weight Kg
700	700	780	8.7	HC low bias	high	8.5 - 34	Int, Adv	Std mod	0.67
830	830	860	8.9	HC low bias	high	8 - 33	Int	Std mod	0.83
980	980	950	9.2	HC low bias	medium	7 - 30	Beg, Int	Std mod	0.96
1160	1160	1050	9.5	HC low bias	medium	6.5 - 28	Beg, Int	Std mod	1.19

Instinct, Front Wing (Instinct uses Nomad 190 and 250 back wings.)									
Size	Area Sqin / Sqcm	Span Mm	AR	Airfoil Type	Sweep	Speed Mph	Level	Construction	Weight Kg
720	720	765	8.12	MC mid bias	medium	9 - 31	Beg, Int	Std mod +	0.65
920	920	880	8.41	MC mid bias	medium	8 - 28.5	Beg, Int	Std mod +	0.90
1120	1120	971	8.40	MC mid bias	medium	7.5 - 27	Beg, Int	Std mod +	1.10
1300	1300	965	7.16	MC mid bias	high	7 - 25.5	Beg, Int	Std mod +	1.09
1450	1450	960	6.33	MC mid bias	high	6.5 - 25	Beg, Int	Std mod +	1.23

Back Wings Interchangeable

Atlas	, Back Wing							
Size	Area Sqin / Sqcm	Span Mm	AR	Airfoil Type	Sweep	Level	Construction	Weight κ_g
145	145	375	9.7	MC wide range	low	Int, Adv	G10	0.12
170	170	415	10.1	MC wide range	low	Int	G10	0.15
205	205	455	10.1	MC wide range	low	Beg, Int	G10	0.19

Nom	ad, Back Wi	ing						
Size	Area Sqin / Sqcm	Span мm	AR	Airfoil Type	Sweep	Level	Construction	Weight κ _g
155	155	350	7.9	MC wide range	low	Int	G10	0.14
190	190	385	7.8	MC wide range	low	Beg, Int	G10	0.19
250	250	450	8.1	MC wide range	low	Beg	G10	0.29

Levels							
Level	Winging	Prone	Sup				
Beg	First time to staying upwind	First time to learning to stand, riding waves	First time to balancing flat water				
Int	Gybing and learning to ride waves	Riding waves with control	Short to medium glides, short runs				
Adv	Learning to confident in tacks, jumps, waves, light wind, speed	Pumping and turning, steep takeoff	Long glides, longer runs, turning				
Pro	Expert in jumps, waves, light wind, or race	Whitewater hits, airs, extended rides	Carving, racing, very long runs				



