

NOVA TECHNICAL DATA

Model	PRIMAX					ROOKIE					IBEX			
Type	XXS	XS	S	M	L	XXS	XS	S	M	L	15	17	19	
Zoom factor	0.87	0.915	0.96	1	1.035	0.87	0.91	0.96	1	1.035	0.77	0.82	0.87	
No of cells	28+8					31+8					31+8			
Projected wingspan	m	7.99	8.36	8.77	9.14	9.46	8.3	8.69	9.16	9.55	9.88	7.37	7.85	8.3
Projected surface area	m²	19.23	21.19	23.3	25.31	27.11	19.23	20.97	23.33	25.31	27.11	15.07	17.09	19.23
Projected aspect ratio		3.3	3.3	3.3	3.3	3.3	3.61	3.6	3.6	3.6	3.6	3.61	3.61	3.61
Flat wingspan	m	10.34	10.88	11.41	11.89	12.31	10.76	11.26	11.87	12.37	12.8	9.52	10.14	10.76
Flat surface area	m²	22.6	25.03	27.55	29.89	32.02	22.6	24.73	27.52	29.86	31.98	17.7	20.08	22.6
Flat aspect ratio		4.73	4.73	4.73	4.73	4.73	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12
Line diameter	mm	1 / 1.4 / 1.85					1 / 1.4 / 1.85					0.6 / 1.4 / 1.85		
Line length	m	6.44	6.59	6.91	7.2	7.45	6.70	6.83	7.2	7.5	7.76	5.93	6.31	6.70
Line consumption	m	318	320	335	358	359	266	243	257	268	277	235	250	266
max. profile depth	m	2.71	2.85	3.00	3.12	3.105	2.61	2.73	2.88	3	3.105	2.33	2.48	2.61
min. profile depth	m	0.56	0.59	0.62	0.65	0.67	0.55	0.576	0.608	0.633	0.655	0.49	0.52	0.55
Weight	kg	5.2	5.6	6	6.5	7	5	5.4	5.8	6.3	6.8	3	3.4	3.8
Legal take-off weight LTF ¹	kg	55-75	65-85	75-100	85-110	100-130	55-85	65-90	75-100	85-110	100-130	50-100	50-110	55-120
Legal take-off weight DULV ²	kg	-	-	75-130	85-160	100-180	-	-	85-150	95-150	110-180	-	-	-
Places		1	1	1	1	1	1	1	1	1	1	1	1	1
certification LTF		1	1	1	1	1	1-2	1-2	1-2	1-2	1-2	2-3	2-3	1-2 / 2 (-95)
certification EN			B	A	A	A		B	B	B	B			

Model	MENTOR					FACTOR				TRITON				
Type	XXS	XS	S	M	L	19	21	23	25	18	20	22	24	
Zoom factor	0.883	0.929	0.973	1.015	1.055	0.927	0.975	1.02	1.063	0.945	0.995	1.04	1.08	
No of cells	53					61				71				
Projected wingspan	m	8.61	9.06	9.48	9.89	10.28	9.04	9.51	9.95	10.37	9.18	9.67	10.11	10.49
Projected surface area	m²	18.6	20.59	22.59	24.58	26.56	18.98	21	23	24.96	18.4	20.4	22.29	24.03
Projected aspect ratio		3.98	3.98	3.98	3.98	3.98	4.3	4.3	4.31	4.3	4.58	4.58	4.58	4.58
Flat wingspan	m	10.86	11.42	11.96	12.48	12.97	11.64	12.24	12.81	13.35	11.86	12.49	13.05	13.55
Flat surface area	m²	21.68	24.0	26.33	28.65	30.96	22.6	25.03	27.39	29.75	21.94	24.3	26.57	28.66
Flat aspect ratio		5.43	5.43	5.43	5.43	5.43	6.0	6.0	6.0	6.0	6.41	6.41	6.41	6.41
Line diameter	mm	1 / 1.15 / 1.3 / 1.4					0.6 / 1 / 1.15 / 1.3 / 1.4				0.6 / 0.8 / 1.2			
Line length	m	6.62	6.97	7.3	7.61	7.91	6.67	7.02	7.34	7.65	6.8	7.16	7.49	7.77
Line consumption	m	310	326	342	356	371	321	337	354	369	300	316	331	344
max. profile depth	m	2.49	2.60	2.72	2.84	2.95	2.44	2.55	2.68	2.8	2.32	2.45	2.55	2.66
min. profile depth	m	0.62	0.65	0.68	0.71	0.74	0.63	0.66	0.69	0.72	0.47	0.5	0.52	0.54
Weight	kg	5.2	5.5	6	6.5	7	5.2	5.5	6	6.5	5.1	5.6	5.9	6.3
Legal take-off weight LTF ¹	kg	60-100	70-90	80-100	95-110	105-130	70-90	80-105	90-115	100-130	70-90	80-105	90-115	100-130
Legal take-off weight DULV ²	kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Places		1	1	1	1	1	1	1	1	1	1	1	1	1
certification LTF		1-2/2-3 (>80)	1-2	1-2	1-2	1-2	(2)	2	2	2	(2-3)	2-3	2-3	2-3
certification EN		B / C (>80)	B	B	B	B	C	C	C	C	(D)	D	D	C

Model	JAMBOO		SPEEDMAX			
Type	33	37	19	21	23	
Zoom factor	1.18	1.25	0.87	0.91	0.96	
No of cells	51		31+8			
Projected wingspan	m	11.37	12.04	8.33	8.71	9.16
Projected surface area	m²	33.07	37.1	19.23	21.04	23.33
Projected aspect ratio		3.9	3.9	3.61	3.61	3.6
Flat wingspan	m	14.13	14.97	10.76	11.26	11.87
Flat surface area	m²	38.34	43	22.6	24.73	27.52
Flat aspect ratio		5.2	5.2	5.12	5.12	5.12
Line diameter	mm	1.1 / 2.15 / 3.15		1.1 / 2.15 / 3.15		
Line length	m	8.85	9.37	6.70	7.00	7.2
Line consumption	m	407	432	323	338	352
max. profile depth	m	3.30	3.52	2.61	2.73	2.88
min. profile depth	m	0.87	0.92	0.55	0.576	0.608
Weight	kg	9	10	5.3	5.7	6.1
Legal take-off weight LTF ¹	kg	125-190	150-235	-	-	-
Legal take-off weight DULV ²	kg	125-250	140-250	70-150	80-160	85-170
Places		1 / 2	1 / 2	1	1	1
Trimmer		yes	yes	yes	yes	yes
certification LTF		1-2	1-2	DULV	DULV	DULV
certification EN						

¹ Pilot + ca. 17-20kg equipment (inkl. wing)

² for motor flying only

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Updated version : <http://www.nova-wings.com>

