

# NOVA TECHNICAL DATA

Model	PRIMAX					SYNTAX (SYNTAX easy walking)					
Type	XXS	XS	S	M	L	XXS	XS	S	M	L	
Zoom factor	0.87	0.915	0.96	1	1.035	0.87	0.91	0.96	1	1.035	
No of cells	28+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
Projected surface area	m <sup>2</sup>	19.23	21.19	23.3	25.31	27.11	19.17	20.97	23.33	25.31	27.11
Projected aspect ratio		3.3	3.3	3.3	3.3	3.3	3.6	3.6	3.6	3.6	3.6
Flat wingspan	m	10.34	10.88	11.41	11.89	12.31	10.76	11.26	11.87	12.37	12.8
Flat surface area	m <sup>2</sup>	22.6	25.03	27.55	29.89	32.02	22.6	24.73	27.52	29.86	31.98
Flat aspect ratio		4.73	4.73	4.73	4.73	4.73	5.12	5.12	5.12	5.12	5.12
Line diameter	mm	1 / 1.4 / 1.85					1 / 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
Line consumption	m	318	320	335	358	359	337	351	369	383	395
max. profile depth	m	2.71	2.85	3.00	3.12	3.105	2.61	2.73	2.88	3	3.105
min. profile depth	m	0.56	0.59	0.62	0.65	0.67	0.55	0.576	0.608	0.633	0.655
Weight	kg	5.2	5.6	6	6.5	7	5.2 (4.4)	5.6 (4.8)	6 (5.1)	6.5 (5.5)	7 (6)
Legal take-off weight <sup>1</sup>	kg	55-75	65-85	75-100	85-110	100-130	55-75	65-85	75-100	85-110	100-130
Places		1	1	1	1	1	1	1	1	1	1
AFNOR		(stand.)	(stand.)	(stand.)	(stand.)	(stand.)	(stand.)	(stand.)	(stand.)	(stand.)	(stand.)
DHV		1	1	1	1	1	1-2	1-2	1-2	1-2	1-2

Model	MAMBOO				TATTOO				TYCOON			
Type	XS	S	M	L	XS	S	M	L	S	M	L	
Zoom factor	0.929	0.973	1.015	1.055	0.93	0.975	1.02	1.065	0.995	1.04	1.085	
No of cells	53				55				71	71	71	
Projected wingspan	m	9.1	9.54	9.95	10.34	9.16	9.60	10.05	10.49	10.04	10.49	10.95
Projected surface area	m <sup>2</sup>	20.69	22.69	24.69	26.68	19.61	21.55	23.59	25.71	21	22.9	24.95
Projected aspect ratio		4.01	4.01	4.01	4.01	4.28	4.28	4.28	4.28	4.8	4.8	4.8
Flat wingspan	m	11.42	11.96	12.48	12.97	11.17	11.72	12.26	12.8	12.49	13.05	13.62
Flat surface area	m <sup>2</sup>	23.93	26.25	28.56	30.86	22.5	24.73	27.07	29.51	24.3	26.57	28.92
Flat aspect ratio		5.45	5.45	5.45	5.45	5.55	5.55	5.55	5.55	6.41	6.41	6.41
Line diameter	mm	1 / 1.2 / 1.45				1 / 1.2 / 1.45				0.6 / 0.8 / 1.2		
Line length	m	7.25	7.59	7.92	8.23	7.25	7.61	7.96	8.31	7.96	8.32	8.68
Line consumption	m	320	335	350	364	352	369	387	404	348	364	380
max. profile depth	m	2.60	2.72	2.84	2.95	2.46	2.59	2.71	2.83	2.45	2.55	2.67
min. profile depth	m	0.43	0.45	0.47	0.49	0.61	0.64	0.67	0.7	0.5	0.52	0.54
Weight	kg	5.5	6	6.5	7	5.5	6	6.5	7	5.5	6	6.5
Legal take-off weight <sup>1</sup>	kg	65-85	80-100	90-110	100-130	65-85	80-100	90-110	100-130	80-100	90-110	95-130
Places		1	1	1	1	1	1	1	1	1	1	1
AFNOR		(stand.)	(stand.)	(stand.)	(stand.)	(perf.)	(perf.)	(perf.)	(perf.)	(perf.)	(perf.)	(perf.)
DHV		1-2	1-2	1-2	1-2	2	2	2	2	2-3	2-3	(2-3)

Model	JAMBOO		SPEEDMAX		
Type	33	37	19	21	
Zoom factor	1.18	1.25	0.87	0.91	
No of cells	51				
Projected wingspan	m	11.37	12.04	8.33	8.71
Projected surface area	m <sup>2</sup>	33.07	37.1	19.23	21.04
Projected aspect ratio		3.9	3.9	3.61	3.61
Flat wingspan	m	14.13	14.97	10.76	11.26
Flat surface area	m <sup>2</sup>	38.34	43	22.6	24.73
Flat aspect ratio		5.2	5.2	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
Line consumption	m	407	432	360	375
max. profile depth	m	3.30	3.52	2.61	2.73
min. profile depth	m	0.87	0.92	0.55	0.576
Weight	kg	9	10	5.3	5.7
Legal take-off weight DHV <sup>1</sup>	kg	120-200	150-235	-	-
Legal take-off weight DULV <sup>2</sup>	kg	120-250	140-250	70-150	80-160
Places		1 / 2	1 / 2	1	1
Trimmer		yes	yes	yes	yes
DULV		-	yes	-	yes
DHV		(1-2)	1-2	-	-

<sup>2</sup> for Motor flying only

