

Rev. 0 | 2019

SUN SAILS

Corradi
OUTDOOR LIVING SPACE

Technical SHEETS

| EN

THE OUTDOOR ALCHEMIST

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DEFENSE

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NB. For 2020 novelties, please refer to the *2020 Price Guide* document available in the Reserved Area of Corradi website.

DEFENSE GENERAL INFORMATION



Self-supporting or wall-mounted shading structure consisting of two sails wound on a horizontal bar supported by a shaped pole. Roller tube, Ø 65 x 2 mm, in anodised aluminium. Shaped pole, Ø 60 x 3 mm, supporting arms Ø 40 x 2 mm in stainless steel, cables Ø 3 mm and stainless steel tensioners. Dacron® sails, available in white, with sail cover* and cleaning kits for standard stainless steel. The opening can be manual (standard) or motor-driven. There are 3 anchorage possibilities for the self-supporting version: standard to the floor by means of dowels (dowels excluded), on counterplate to be walled in the plinth, or with a ballastable base, upon request available with stainless steel base cover (**ballast tiles excluded, to be performed by the customer**). The wall-mounted version is anchored to an appropriate wall.

Materials



304 SATIN and PASSIVATED stainless steel poles and accessories that ensure high resistance to corrosion and to exposure to the elements.

Standard fabric



Standard sail in Dacron®, a **nautical** interwoven **polyester** fabric specially treated to increase resistance to the weather and normal wear and tear.

Features



NAUTICAL TECHNOLOGY



SELF-SUPPORTING



WALL-INSTALLATION



CUSTOMISABLE



RESISTANCE TO SALINITY



RESISTANCE TO ATMOSPHERIC EVENTS



MOTOR-DRIVEN OPERATION



MANUAL OPERATION



ANEMOMETER



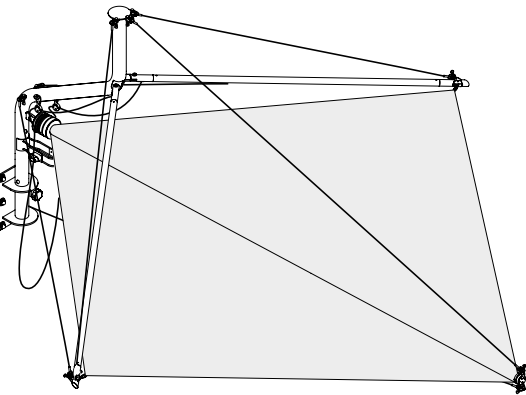
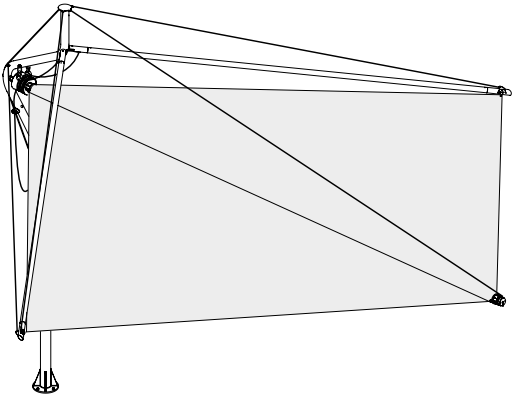
LOW MAINTENANCE



LED LIGHTS



CE MARKING



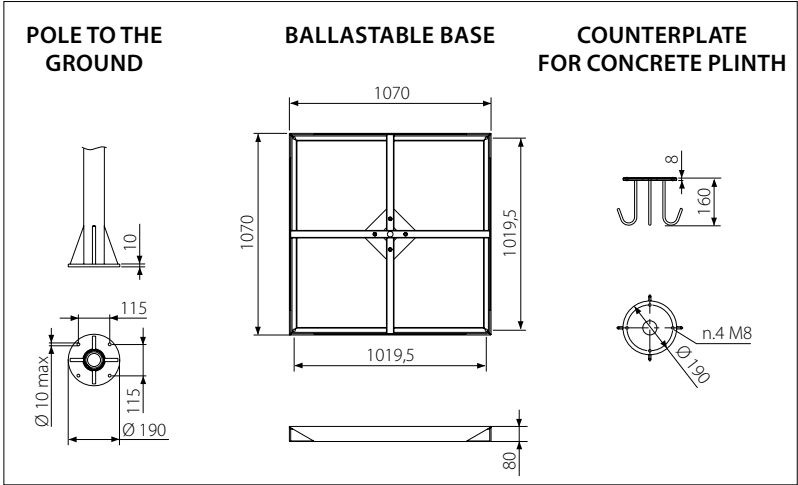
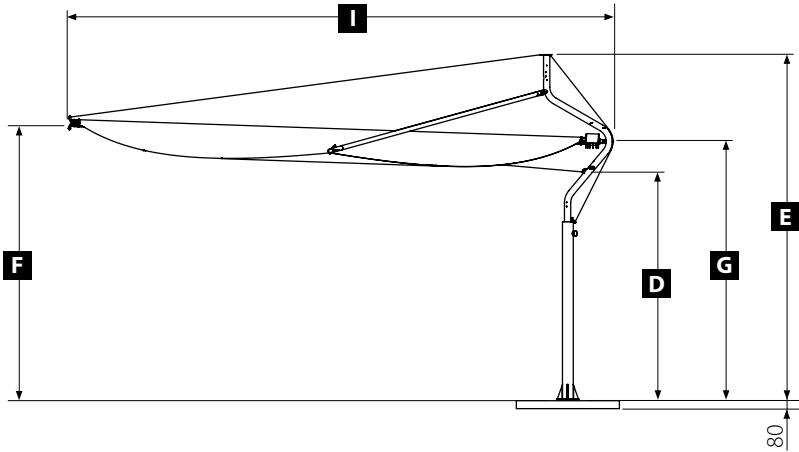
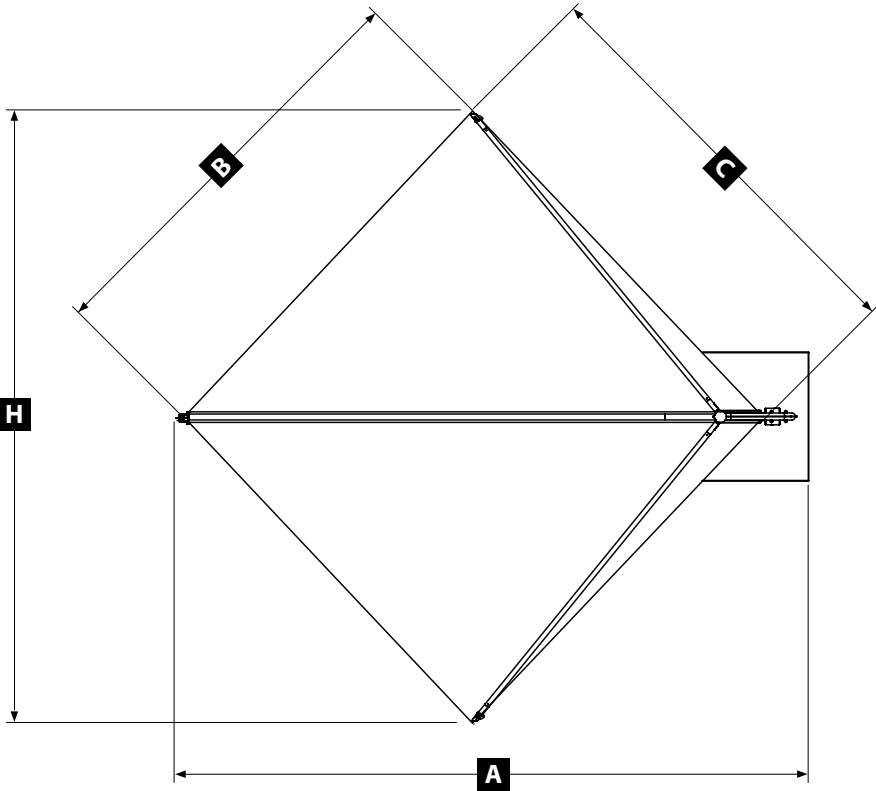
SELF-SUPPORTING DEFENSE DIMENSIONS

	Dimensions (mm)									Weight (kg)	
	A	B	C	D	E	F	G	H	I	*	**
MOD. 11	4485	2900	2900	2280	3330	2685	2565	4700	4390	75	283
MOD. 14	5345	3400	3400	2280	3330	2735	2565	5250	5220	77	285

Note: Check the capacity of the balcony/terrace on which the structure is to be installed according to the chosen configuration.

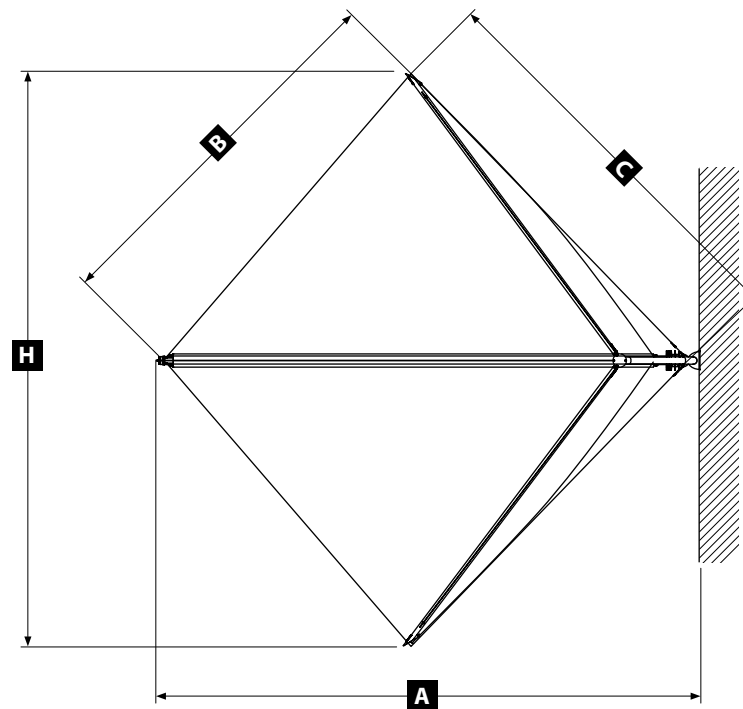
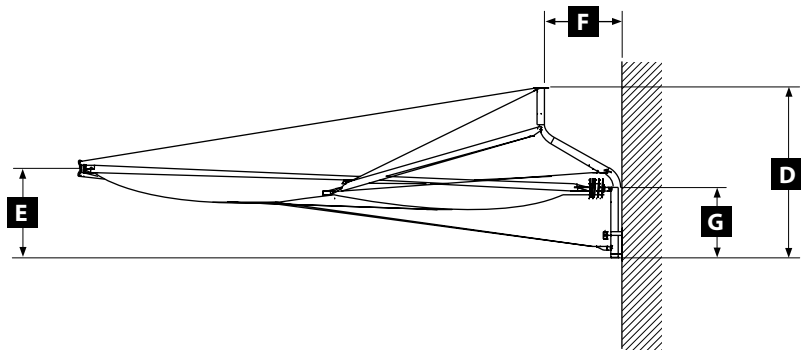
* Anchorage to the floor

** Anchorage on ballastable base complete with tiles (not supplied)

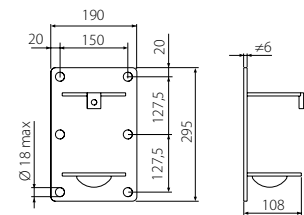


WALL-MOUNTED DEFENSE DIMENSIONS

Measurements in mm								
	A	B	C	D	E	F	G	Weight
MOD. 11	4400	2900	2900	1260	650	650	570	67 kg
MOD. 14	5200	3400	3400	1260	700	650	5250	69 kg



WALL-MOUNTING PLATE



MAESTRALE powered by Sailshadow GENERAL INFORMATION



Freestanding shade sail with structure made of polished + electropolished + passivated 304 stainless steel, manual or 230V 50 Hz motor-driven version, anemometer, radio control, sail in white Dacron®, radial cloth cuts, weight 400 sq. m and sail cover. Maestrale can have a square or rectangular shape with 90° angles. Optional: LED spot light, electrical connections for motor/radio for LED spot light, resin-bonded Tempotest® StarLight® sail in “not fire-retardant” or “fire-retardant” version, pole in satin-finished and electropolished version. LED spotlight: provided with 8,2 W, 230 V 50-60 Hz LED lamp, 4000°k natural light, lumen 800 and 4-m long electric cable. Made of silver-anodised aluminium alloy and applied to the pole with a polished 304 stainless steel bracket allowing light orientation.

Materials



304 MIRROR POLISH FINISH stainless steel poles and accessories that ensure high resistance to corrosion and to exposure to the elements.

Standard fabric

DACRON®



Standard sail in Dacron®, a nautical interwoven polyester fabric specially treated to increase resistance to the weather and normal wear and tear.

Features



NAUTICAL TECHNOLOGY



SELF-SUPPORTING



RESISTANCE TO SALINITY



RESISTANCE TO ATMOSPHERIC EVENTS



MOTOR-DRIVEN OPERATION



MANUAL OPERATION



ANEMOMETER



LOW MAINTENANCE

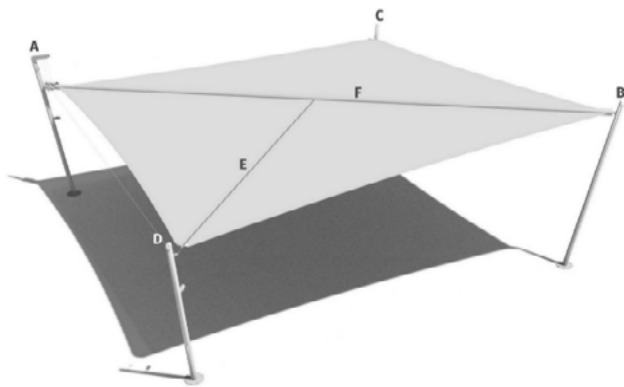


LED LIGHTS



CE MARKING

MAESTRALE MANUAL / MOTOR-DRIVEN 4-POLE VERSION



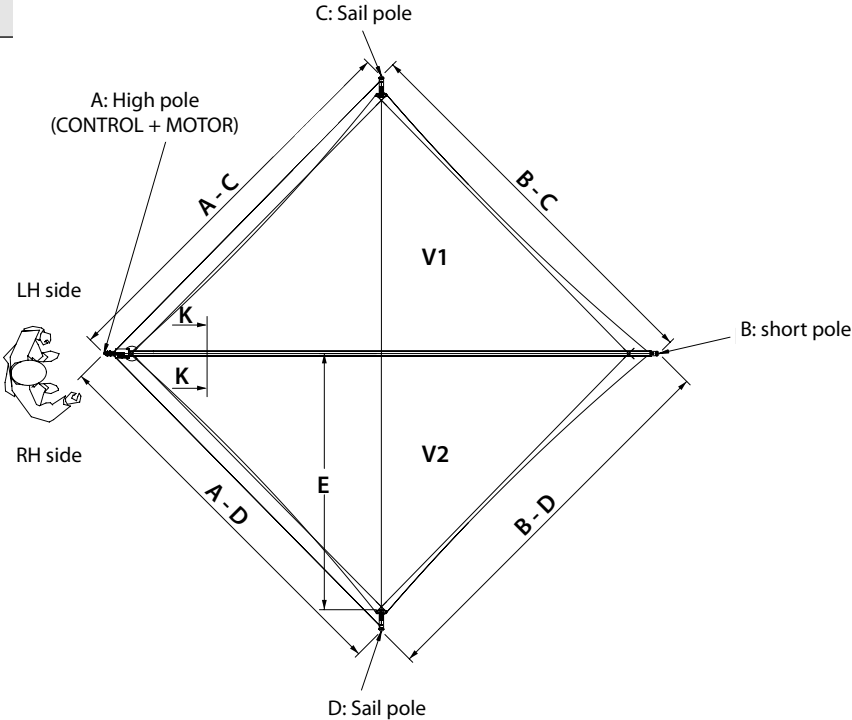
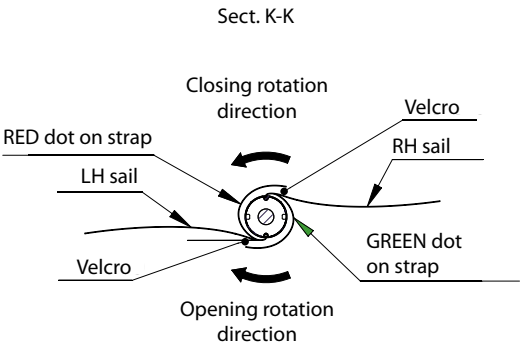
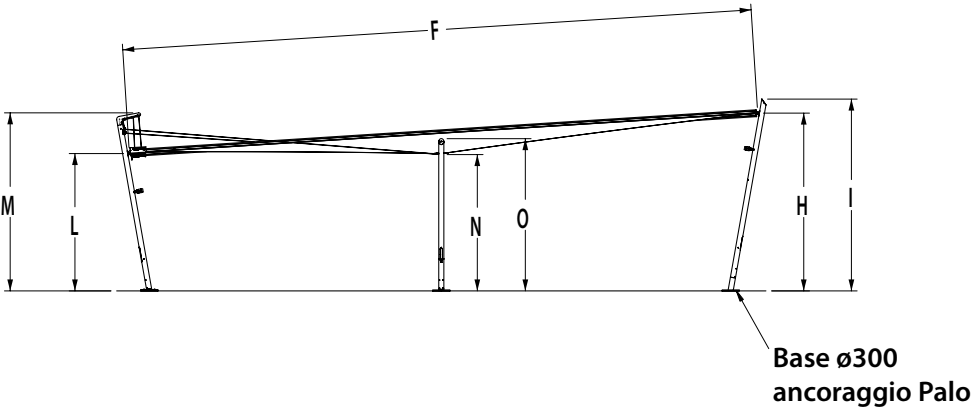
- A** = short control pole
- B** = high pole
- C** = sail tensioning pole
- D** = sail tensioning pole
- E** = triangle height
- F** = eyelet-to-eyelet roller tube length

Model and side measures			Sail indicative surface area	Profile length of eyelet-to-eyelet roller tube "F"	Height triangle "E"
A - C		A - D			
D - B		C - B			
	m		sq. m	mm	mm
4	x	3,5	10,1	4954	2233
	x	4	11,8	5295	2426
4,5	x	3,5	11,6	5339	2362
	x	4	13,5	5659	2588
	x	4,5	15,5	6002	2779
5	x	3,5	13,1	5741	2468
	x	4	15,3	6041	2722
	x	4,5	17,5	6364	2942
	x	5	19,7	6708	3132
5,5	x	4	17,0	6438	2834
	x	4,5	19,5	6744	3080
	x	5	21,9	7070	3296
	x	5,5	24,4	7415	3485
6	x	4,5	21,3	7137	3178
	x	5	24,0	7447	3418
	x	5,5	26,7	7776	3630
	x	6	29,4	8122	3818
6,5	x	5	26,2	7837	3540
	x	5,5	29,2	8151	3775
	x	6	32,1	8482	3984
	x	6,5	35,0	8829	4171
7	x	5,5	31,8	8563	3923
	x	6	34,9	8879	4149
	x	6,5	38,1	9211	4353
	x	7	41,3	9557	4537
7,5	x	5,5	34,3	8960	4035
	x	6	37,7	9263	4280
	x	6,5	41,1	9583	4503
	x	7	44,5	9916	4706
	x	7,5	48,0	10263	4889
8	x	6	40,4	9658	4397
	x	6,5	44,1	9965	4638
	x	7	47,8	10286	4858
	x	7,5	51,4	10621	5059
	x	8	55,1	10968	5242

MAESTRALE MANUAL / MOTOR-DRIVEN 4-POLE VERSION - TYPE 1

Ref. Product	Model and upper sides measures			Triangle height	Eyelet-to-eyelet roller tube length	Height from the ground					
						High pole		Short control pole		Sail tensioning pole	
	A - D		A - C			Roller tube	Total	Roller tube	Total	Sail tensioning	Total
	B - C		B - D			H	I	L	M	N	O
	(m)					(mm)					
1.01	4	x	4	2425	5298	2655	2900	2400	3100	2366	2654
1.02	4,5	x	4,5	2778	6005	2655	2900	2400	3100	2366	2654
1.03	5	x	5	3131	6711	2655	2900	2400	3100	2366	2654
1.04	5,5	x	5,5	3484	7418	2655	2900	2400	3100	2366	2654
1.05	6	x	6	3817	8125	2655	2900	2400	3100	2366	2654
1.06	6,5	x	6,5	4170	8831	2655	2900	2400	3100	2366	2654
1.07	7	x	7	4535	9560	3098	3343	2400	3100	2366	2654
1.08	7,5	x	7,5	4888	10266	3098	3343	2400	3100	2366	2654
1.09	8	x	8	5241	10971	3098	3343	2400	3100	2366	2654

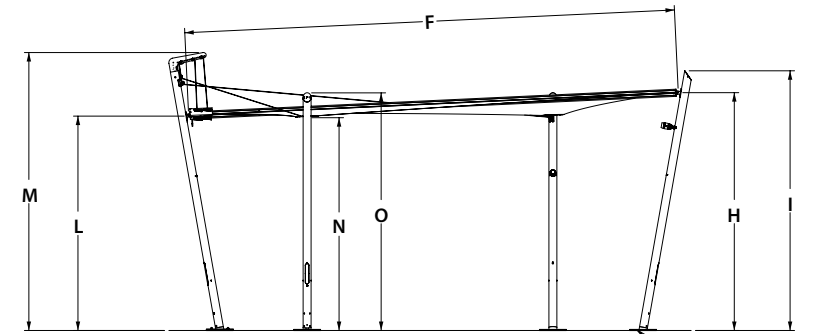
Sizes A-C, A-D, B-C, and B-D are referred to the pole external side.



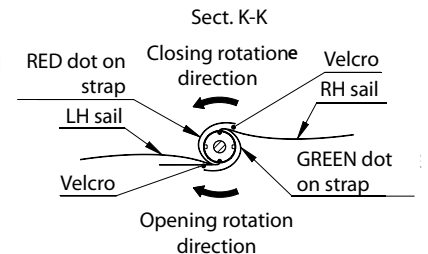
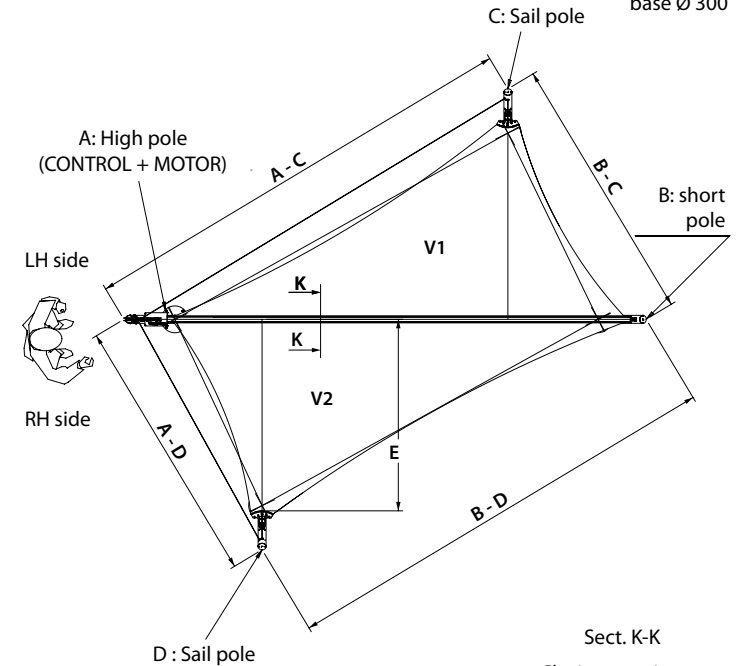
MAESTRALE MANUAL / MOTOR-DRIVEN 4-POLE VERSION - TYPE 2

Ref. Product	Model and upper sides measures			Triangle height	Eyelet-to-eyelet roller tube length	Height from the ground					
						High pole		Short control pole		Sail tensioning pole	
	A - C B - D		A - D B - C			Roller tube	Total	Roller tube	Total	Sail tensioning	Total
	(m)					(mm)					
2.01	4	x	3,5	2232	4957	2655	2900	2400	3100	2366	2654
2.02	4,5	x	3,5	2361	5342	2655	2900	2400	3100	2366	2654
2.03		x	4	2586	5662	2655	2900	2400	3100	2366	2654
2.04	5	x	3,5	2466	5744	2655	2900	2400	3100	2366	2654
2.05		x	4	2721	6044	2655	2900	2400	3100	2366	2654
2.06		x	4,5	2941	6367	2655	2900	2400	3100	2366	2654
2.07	5,5	x	7	2833	6441	2655	2900	2400	3100	2366	2654
2.08		x	7,5	3080	6747	2655	2900	2400	3100	2366	2654
2.09		x	8	3296	7073	2655	2900	2400	3100	2366	2654
2.10	6	x	4,5	3177	7140	2655	2900	2400	3100	2366	2654
2.11		x	5	3417	7450	2655	2900	2400	3100	2366	2654
2.12		x	5,5	3629	7779	2655	2900	2400	3100	2366	2654
2.13	6,5	x	5	3539	7840	2655	2900	2400	3100	2366	2654
2.14		x	5,5	3774	8154	2655	2900	2400	3100	2366	2654
2.15		x	6	3983	8485	2655	2900	2400	3100	2366	2654
2.16	7	x	5,5	3921	8566	3098	3343	2400	3100	2366	2654
2.17		x	6	4147	8882	3098	3343	2400	3100	2366	2654
2.18		x	6,5	4351	9214	3098	3343	2400	3100	2366	2654
2.19	7,5	x	5,5	4033	8963	3098	3343	2400	3100	2366	2654
2.20		x	6	4279	9266	3098	3343	2400	3100	2366	2654
2.21		x	6,5	4502	9586	3098	3343	2400	3100	2366	2654
2.22		x	7	4704	9919	3098	3343	2400	3100	2366	2654
2.23	8	x	6	4395	9661	3098	3343	2400	3100	2366	2654
2.24		x	6,5	4636	9968	3098	3343	2400	3100	2366	2654
2.25		x	7	4856	10289	3098	3343	2400	3100	2366	2654
2.26		x	7,5	5057	10624	3098	3343	2400	3100	2366	2654

Sizes A-C, A-D, B-C, and B-D are referred to the pole external side.



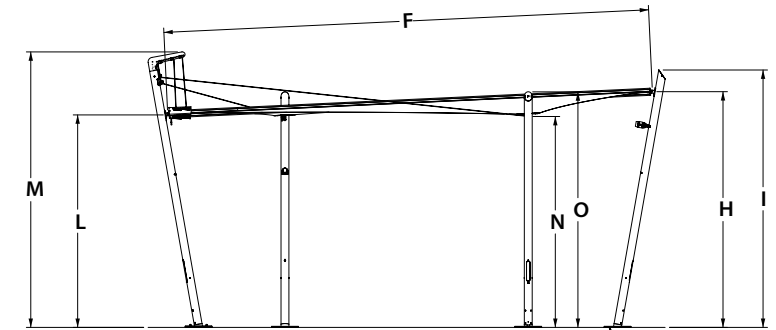
Pole anchoring base Ø 300



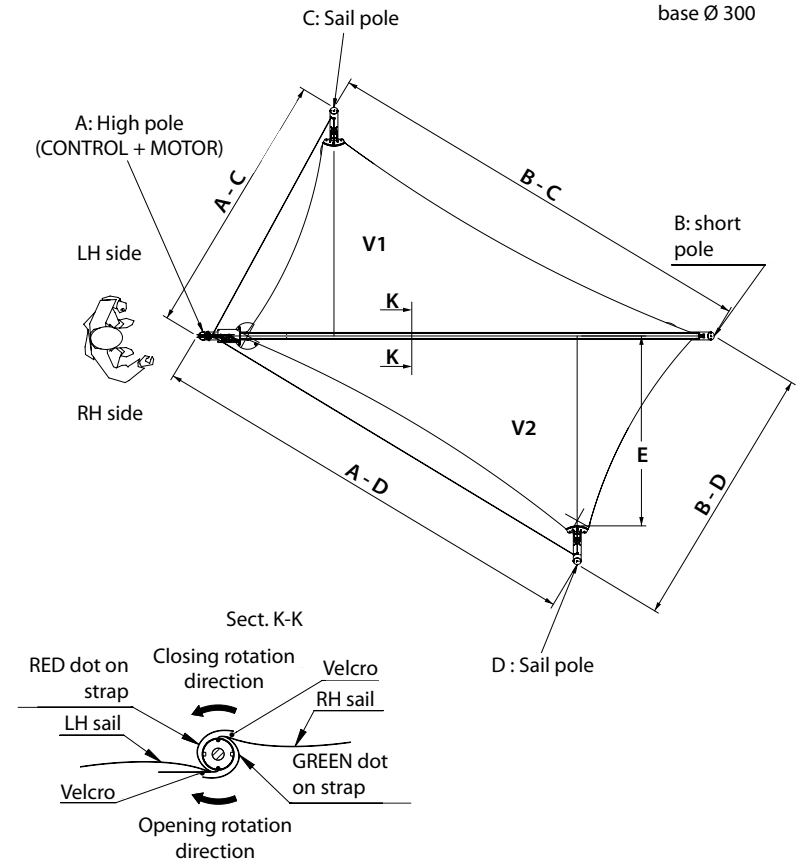
MAESTRALE MANUAL / MOTOR-DRIVEN 4-POLE VERSION - TYPE 3

Ref. Product	Model and upper sides measures			Triangle height	Eyelet-to-eyelet roller tube length	Height from the ground					
	A - C B - D		A - D B - C			High pole		Short control pole		Sail tensioning pole	
						Roller tube	Total	Roller tube	Total	Sail tensioning	Total
				E	F	H	I	L	M	N	O
	(m)			(mm)							
3.01	4	x	3,5	2232	4957	2655	2900	2400	3100	2366	2654
3.02	4,5	x	3,5	2361	5342	2655	2900	2400	3100	2366	2654
3.03		x	4	2586	5662	2655	2900	2400	3100	2366	2654
3.04	5	x	3,5	2466	5744	2655	2900	2400	3100	2366	2654
3.05		x	4	2721	6044	2655	2900	2400	3100	2366	2654
3.06		x	4,5	2941	6367	2655	2900	2400	3100	2366	2654
3.07	5,5	x	7	2833	6441	2655	2900	2400	3100	2366	2654
3.08		x	7,5	3080	6747	2655	2900	2400	3100	2366	2654
3.09		x	8	3296	7073	2655	2900	2400	3100	2366	2654
3.10	6	x	4,5	3177	7140	2655	2900	2400	3100	2366	2654
3.11		x	5	3417	7450	2655	2900	2400	3100	2366	2654
3.12		x	5,5	3629	7779	2655	2900	2400	3100	2366	2654
3.13	6,5	x	5	3539	7840	2655	2900	2400	3100	2366	2654
3.14		x	5,5	3774	8154	2655	2900	2400	3100	2366	2654
3.15		x	6	3983	8485	2655	2900	2400	3100	2366	2654
3.16	7	x	5,5	3921	8566	3098	3343	2400	3100	2366	2654
3.17		x	6	4147	8882	3098	3343	2400	3100	2366	2654
3.18		x	6,5	4351	9214	3098	3343	2400	3100	2366	2654
3.19	7,5	x	5,5	4033	8963	3098	3343	2400	3100	2366	2654
3.20		x	6	4279	9266	3098	3343	2400	3100	2366	2654
3.21		x	6,5	4502	9586	3098	3343	2400	3100	2366	2654
3.22		x	7	4704	9919	3098	3343	2400	3100	2366	2654
3.23	8	x	6	4395	9661	3098	3343	2400	3100	2366	2654
3.24		x	6,5	4636	9968	3098	3343	2400	3100	2366	2654
3.25		x	7	4856	10289	3098	3343	2400	3100	2366	2654
3.26		x	7,5	5057	10624	3098	3343	2400	3100	2366	2654

Sizes A-C, A-D, B-C, and B-D are referred to the pole external side.



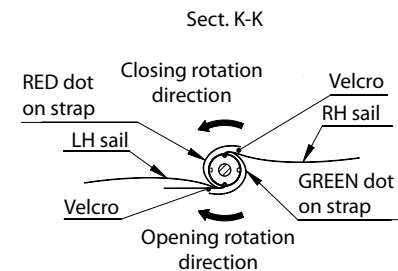
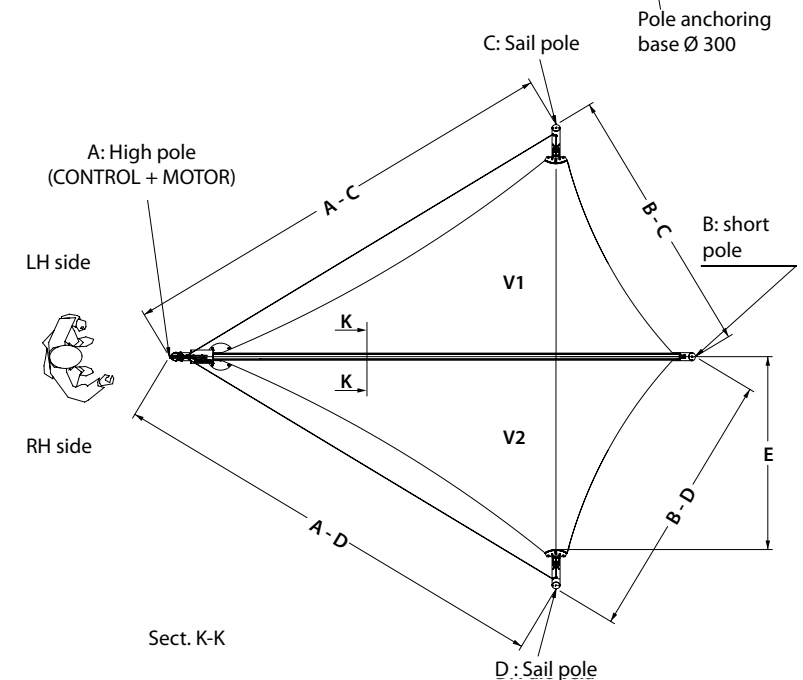
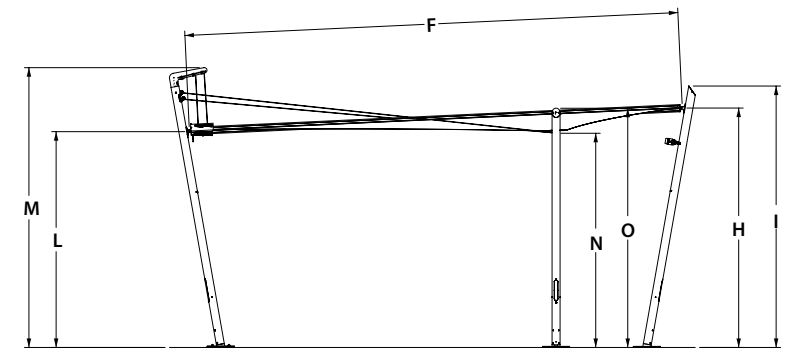
Pole anchoring base Ø 300



MAESTRALE MANUAL / MOTOR-DRIVEN 4-POLE VERSION - TYPE 4

Ref. Product	Model and upper sides measures			Triangle height	Eyelet-to-eyelet roller tube length	Height from the ground					
						High pole		Short control pole		Sail tensioning pole	
	A - C B - D		A - D B - C			Roller tube	Total	Roller tube	Total	Sail tensioning	Total
	(m)			(mm)							
4.01	4	x	3,5	2232	4957	2655	2900	2400	3100	2366	2654
4.02	4,5	x	3,5	2361	5342	2655	2900	2400	3100	2366	2654
4.03		x	4	2586	5662	2655	2900	2400	3100	2366	2654
4.04	5	x	3,5	2466	5744	2655	2900	2400	3100	2366	2654
4.05		x	4	2721	6044	2655	2900	2400	3100	2366	2654
4.06		x	4,5	2941	6367	2655	2900	2400	3100	2366	2654
4.07	5,5	x	7	2833	6441	2655	2900	2400	3100	2366	2654
4.08		x	7,5	3080	6747	2655	2900	2400	3100	2366	2654
4.09		x	8	3296	7073	2655	2900	2400	3100	2366	2654
4.10	6	x	4,5	3177	7140	2655	2900	2400	3100	2366	2654
4.11		x	5	3417	7450	2655	2900	2400	3100	2366	2654
4.12		x	5,5	3629	7779	2655	2900	2400	3100	2366	2654
4.13	6,5	x	5	3539	7840	2655	2900	2400	3100	2366	2654
4.14		x	5,5	3774	8154	2655	2900	2400	3100	2366	2654
4.15		x	6	3983	8485	2655	2900	2400	3100	2366	2654
4.16	7	x	5,5	3921	8566	3098	3343	2400	3100	2366	2654
4.17		x	6	4147	8882	3098	3343	2400	3100	2366	2654
4.18		x	6,5	4351	9214	3098	3343	2400	3100	2366	2654
4.19	7,5	x	5,5	4033	8963	3098	3343	2400	3100	2366	2654
4.20		x	6	4279	9266	3098	3343	2400	3100	2366	2654
4.21		x	6,5	4502	9586	3098	3343	2400	3100	2366	2654
4.22		x	7	4704	9919	3098	3343	2400	3100	2366	2654
4.23	8	x	6	4395	9661	3098	3343	2400	3100	2366	2654
4.24		x	6,5	4636	9968	3098	3343	2400	3100	2366	2654
4.25		x	7	4856	10289	3098	3343	2400	3100	2366	2654
4.26		x	7,5	5057	10624	3098	3343	2400	3100	2366	2654

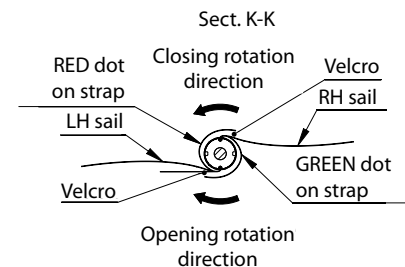
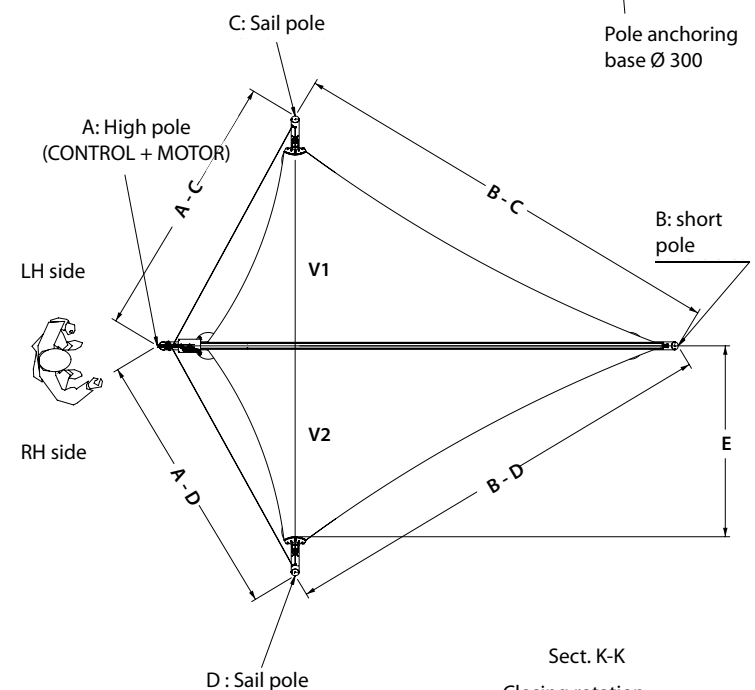
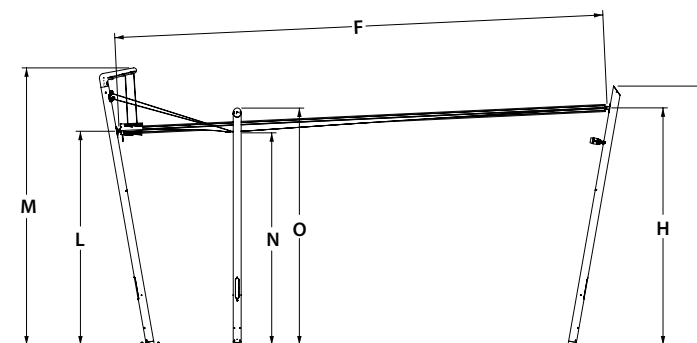
Sizes A-C, A-D, B-C, and B-D are referred to the pole external side.



MAESTRALE MANUAL / MOTOR-DRIVEN 4-POLE VERSION - TYPE 5

Ref. Product	Model and upper sides measures			Triangle height	Eyelet-to-eyelet roller tube length	Height from the ground														
						High pole		Short control pole		Sail tensioning pole										
	A - C B - D		A - D B - C			Roller tube	Total	Roller tube	Total	Sail tensioning	Total									
	E					F			H		I		L		M		N		O	
	(m)					(mm)														
5.01	4	x	3,5	2230	4957	2655	2900	2400	3100	2366	2654									
5.02	4,5	x	3,5	2357	5342	2655	2900	2400	3100	2366	2654									
5.03		x	4	2585	5662	2655	2900	2400	3100	2366	2654									
5.04	5	x	3,5	2461	5744	2655	2900	2400	3100	2366	2654									
5.05		x	4	2718	6044	2655	2900	2400	3100	2366	2654									
5.06		x	4,5	2940	6367	2655	2900	2400	3100	2366	2654									
5.07	5,5	x	7	2829	6441	2655	2900	2400	3100	2366	2654									
5.08		x	7,5	3077	6747	2655	2900	2400	3100	2366	2654									
5.09		x	8	3294	7073	2655	2900	2400	3100	2366	2654									
5.10	6	x	4,5	3173	7140	2655	2900	2400	3100	2366	2654									
5.11		x	5	3415	7450	2655	2900	2400	3100	2366	2654									
5.12		x	5,5	3628	7779	2655	2900	2400	3100	2366	2654									
5.13	6,5	x	5	3537	7840	2655	2900	2400	3100	2366	2654									
5.14		x	5,5	3772	8154	2655	2900	2400	3100	2366	2654									
5.15		x	6	3983	8485	2655	2900	2400	3100	2366	2654									
5.16	7	x	5,5	3906	8566	3098	3343	2400	3100	2366	2654									
5.17		x	6	4138	8882	3098	3343	2400	3100	2366	2654									
5.18		x	6,5	4347	9214	3098	3343	2400	3100	2366	2654									
5.19	7,5	x	5,5	4015	8963	3098	3343	2400	3100	2366	2654									
5.20		x	6	4266	9266	3098	3343	2400	3100	2366	2654									
5.21		x	6,5	4494	9586	3098	3343	2400	3100	2366	2654									
5.22		x	7	4701	9919	3098	3343	2400	3100	2366	2654									
5.23	8	x	6	4379	9661	3098	3343	2400	3100	2366	2654									
5.24		x	6,5	4625	9968	3098	3343	2400	3100	2366	2654									
5.25		x	7	4850	10289	3098	3343	2400	3100	2366	2654									
5.26		x	7,5	5054	10624	3098	3343	2400	3100	2366	2654									

Sizes A-C, A-D, B-C, and B-D are referred to the pole external side.



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