



Parallel Steel

Tubular Steel

Description and Specification

Parallel steel columns are perfect for post top applications as well as bracket mounted configurations. Demountable or integral bracket arm arrangements can be selected to best suit the application.

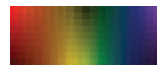
Valmont manufactures a wide range of parallel steel lighting columns from 3 to 12 metres. Valmont operates a Quality Assurance system which complies with requirements of BS EN ISO 9001. Our welders and welding procedures are independently certified in accordance with 288EN ISO 9606 and EN ISO 15607. Please contact your representative for more product information.



Galvanized Steel

Finishing Options

As a standard, Valmont steel columns are galvanized to extend product longevity. Valmont offers several decorative finishing options including polyester power coating, wet painting, and sublimation. For more information contact your local Valmont representative.



RAL and AkzoNoble colors available upon request

Parallel Steel Tubular Steel

Planted Root Dimensions

Height (m)	Top (mm)	Base (mm)	Height (mm)	Width (mm)	Position (mm)	Root (mm)	Mounting Arrangement	Projection (m)
3	139.7	139.7	500	100	400	800	PT/SA/DA	0.5
4	139.7	139.7	500	100	400	800	PT/SA/DA	0.5
5	139.7	139.7	500	100	400	800	PT/SA/DA	0.5
6	139.7	139.7	500	100	400	1000	PT/SA/DA	0.5
7	139.7	139.7	500	100	400	1200	PT/SA/DA	1
8	168.3	168.3	600	115	400	1200	PT/SA/DA	1
10	168.3	168.3	600	115	400	1500	PT/SA/DA	1
12	193.7	193.7	600	115	400	1700	PT/SA/DA	1

Flange Plated Dimensions

Height (m)	Top (mm)	Base (mm)	Height (mm)	Width (mm)	Position (mm)	Mounting Arrangement	Projection (m)	Width (mm)	Bolt Circle (mm)	Anchor Bolts
3	139.7	139.7	500	100	400	PT/SA/DA	0.5	260	200	M18 x 400
4	139.7	139.7	500	100	400	PT/SA/DA	0.5	260	200	M18 x 400
5	139.7	139.7	500	100	400	PT/SA/DA	0.5	260	200	M18 x 400
6	139.7	139.7	500	100	400	PT/SA/DA	0.5	260	200	M18 x 400
7	139.7	139.7	500	100	400	PT/SA/DA	1	260	200	M18 x 400
8	168.3	168.3	600	115	400	PT/SA/DA	1	420	300	M24 x 820
10	168.3	168.3	600	115	400	PT/SA/DA	1	420	300	M24 x 820
12	193.7	193.7	600	115	400	PT/SA/DA	1	420	300	M24 x 820

Headload Capacity

Height (m)	Mounting Type	Projection (mm)	Mass (kg)	Wind Speeds														Foundation Size (m)	Concrete Ø (mm)								
				22m/s		24m/s		26m/s			28m/s			30m/s						32m/s			34m/s		36m/s		
				II	I	II	I	III	II	I	III	II	I	III	II					I	III	II	I	I	I		
3	PT	0	30	2.06	1.70	1.71	1.42	1.61	1.45	1.21	1.38	1.25	1.04	1.20	1.09	0.90	1.05	0.95	0.79	0.69	0.60	5.16	1.73	0.4 x 0.7	651		
3	PT	0	30	1.40	1.20	1.17	1.00	1.09	0.99	0.84	0.93	0.84	0.73	0.82	0.74	0.63	0.72	0.65	0.55	0.48	0.42	3.35	1.31	0.4 x 0.5	422		
4	PT	0	30	1.32	1.05	1.10	0.87	1.06	0.92	0.74	0.90	0.79	0.63	0.78	0.69	0.55	0.69	0.60	0.47	0.41	0.35	5.03	1.36	0.4 x 0.6	610		
4	PT	0	30	1.00	0.80	0.83	0.66	0.78	0.70	0.55	0.66	0.60	0.47	0.57	0.52	0.41	0.50	0.45	0.36	0.31	0.26	3.75	1.21	0.4 x 0.6	454		
5	PT	0	30	0.84	0.67	0.69	0.55	0.70	0.57	0.46	0.59	0.48	0.40	0.51	0.42	0.34	0.45	0.38	0.28	0.23	0.19	4.98	1.32	0.4 x 0.6	588		
5	PT	0	30	0.67	0.52	0.54	0.43	0.54	0.45	0.37	0.45	0.39	0.31	0.40	0.34	0.27	0.35	0.30	0.22	0.18	0.14	4.07	1.15	0.4 x 0.6	481		
6	PT	0	30	0.94	0.76	0.77	0.62	0.83	0.64	0.52	0.71	0.55	0.45	0.61	0.47	0.39	0.53	0.41	0.32	0.26	0.21	7.32	1.64	0.4 x 0.8	445		
6	PT	0	30	0.79	0.63	0.64	0.51	0.68	0.53	0.43	0.57	0.45	0.38	0.49	0.40	0.32	0.43	0.35	0.26	0.21	0.17	6.33	1.51	0.4 x 0.7	384		
7	PT	0	30	0.63	0.49	0.50	0.41	0.57	0.41	0.34	0.47	0.36	0.29	0.41	0.31	0.23	0.36	0.26	0.18	0.13	0.09	7.26	1.45	0.4 x 0.8	256		
7	PT	0	30	0.53	0.41	0.42	0.34	0.47	0.35	0.29	0.40	0.30	0.25	0.34	0.26	0.20	0.30	0.22	0.15	0.11	0.07	6.62	1.51	0.4 x 0.8	233		
8	PT	0	30	2.47	2.08	2.08	1.72	2.38	1.75	1.42	2.06	1.47	1.19	1.75	1.25	0.99	1.50	1.05	0.83	0.69	0.58	22.92	3.55	0.6 x 1.2	797		
8	PT	0	30	2.30	1.93	1.94	1.60	2.23	1.64	1.32	1.93	1.37	1.10	1.65	1.16	0.92	1.41	0.98	0.77	0.65	0.54	21.00	3.40	0.6 x 1.2	731		
10	PT	0	30	1.55	1.31	1.29	1.06	1.45	1.07	0.84	1.25	0.87	0.68	1.04	0.71	0.53	0.86	0.57	0.41	0.32	0.24	22.79	3.03	0.6 x 1.2	406		
10	PT	0	30	1.98	1.66	1.66	1.34	1.92	1.38	1.08	1.66	1.13	0.86	1.38	0.91	0.69	1.15	0.75	0.54	0.41	0.32	21.73	3.41	0.6 x 1.2	387		
12	PT	0	30	1.96	1.60	1.57	1.25	1.77	1.25	0.98	1.45	1.00	0.77	1.20	0.80	0.59	0.98	0.63	0.44	0.33	0.22	35.26	4.28	0.8 x 1.4	429		
12	PT	0	30	1.89	1.54	1.51	1.21	1.71	1.21	0.94	1.40	0.96	0.74	1.16	0.77	0.57	0.94	0.61	0.42	0.31	0.21	34.23	4.43	0.8 x 1.4	417		

All dimensions and technical information given as an indication. Valmont reserves the right to make, without delay and without prior notice, the technical or aesthetic modifications that it deems necessary to improve the products of the Standard Collection.

* Mounting Arrangement Abbreviations: PT = Post Top, SA = Single Arm, DA = Double Arm, QA = Quad Arm, FL = Floodlight, SE = Side Entry, CB = Crossbar, CR = Crown, PF = Platform, OT = Other

* Speeds given are basic 10 minute mean wind speeds in 2m/s increments, if national wind speeds lie between these figures please interpret using linear interpolation.

* **M** = Bending moment at baseplate, **T** = Shear force at baseplate.

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valmontstructures.eu carries the most current spec information and supersedes these guidelines.

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