

Tyne

Base-Hinged Tubular

Description and Specification

A base-hinged, tubular lighting column with a spring loaded dampening device. A base-hinged, tubular lighting column which hinges close to ground level and operates by means of a demountable winch system.

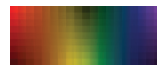
Column heights range from 8 to 10 metres. The Tyne can be used for post top applications or supplied with demountable bracket arm arrangements. The columns are equipped with a unique triple-locking device to prevent accidental lowering of the column. The standard corrosion protection system is hot dip galvanized to BS EN 1461. In addition, a variety of root treatments and full paint specification options are available. Valmont Structures 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 EN ISO 9606 and EN ISO 15607.



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 colour systems are available upon request.

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Planted Root Dimensions

 Height (m)	 Top (mm)	 Base (mm)	 Height (mm)	 Width (mm)	 Position (mm)	 Root (mm)	 Mounting Arrangement	 Projection (m)
8	114.3	168.3	600	115	1000	1200	PT/SA/DA	1
10	139.7	168.3	600	115	1000	1500	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
8	114.3	168.3	600	115	1000	PT/SA/DA	1	420	300	M24 x 820
10	139.7	168.3	600	115	1000	PT/SA/DA	1	420	300	M24 x 820

Headload Capacity

 Height (m)	 Mounting Type	 Projection (mm)	 Mass (kg)													 M (kNm)	 T (kN)	 Foundation Size (m)	 Concrete Ø (mm)						
				22m/s		24m/s		26m/s		28m/s		30m/s		32m/s						34m/s		36m/s			
8	PT	0	60	1.75	1.43	1.44	1.18	1.67	1.21	0.99	1.42	1.02	0.84	1.22	0.87	0.73	1.05	0.77	0.64	0.56	0.48	16.72	2.81	0.6 x 1.1	582
10	PT	0	60	1.08	0.89	0.88	0.74	1	0.75	0.63	0.85	0.64	0.52	0.73	0.54	0.42	0.64	0.45	0.34	0.27	0.21	18.17	2.86	0.6 x 1.1	324

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.