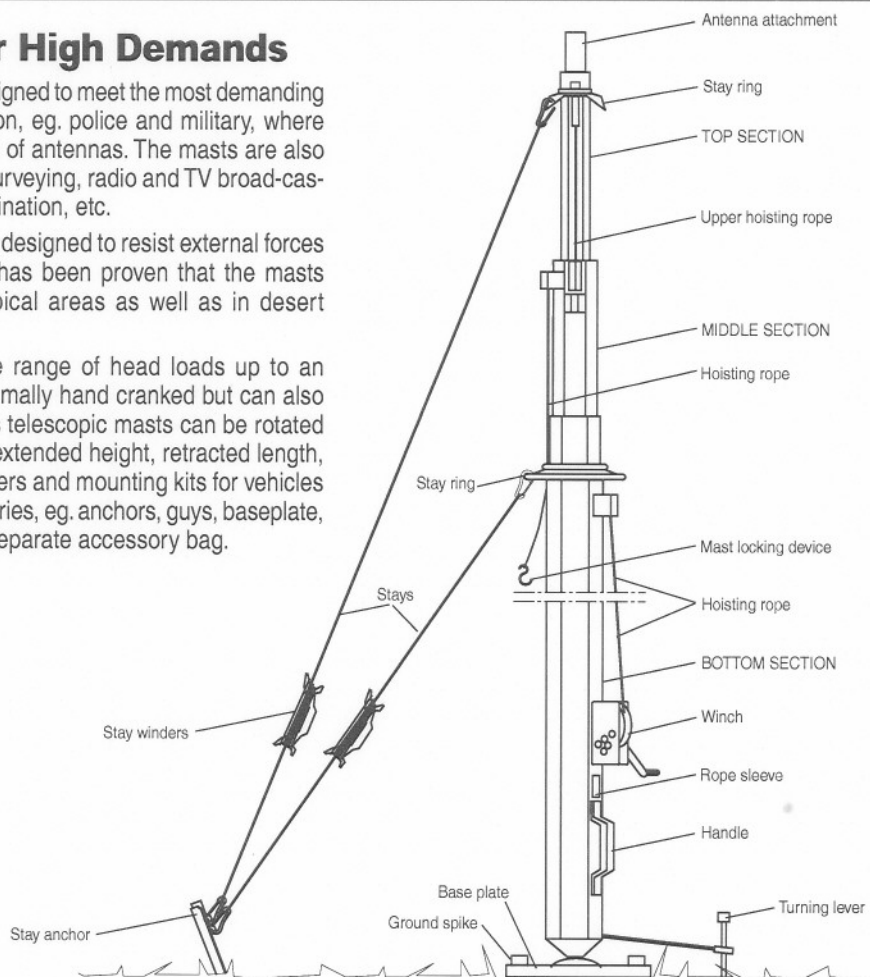


Telescopic Masts for High Demands

Wibe patented telescopic masts are designed to meet the most demanding requirements of modern communication, eg. police and military, where they are used to support various types of antennas. The masts are also applicable to such areas as geodetic surveying, radio and TV broadcasting, emergency work, temporary illumination, etc.

Every mast detail and stay assembly is designed to resist external forces and to insure quick, safe erection. It has been proven that the masts perform excellently in arctic and tropical areas as well as in desert environment.

Wibe manufactures masts for a wide range of head loads up to an extended height of 30 m. They are normally hand cranked but can also be hoisted by an electric motor. Wibe's telescopic masts can be rotated 360° and custom designed regarding extended height, retracted length, support system, etc. Antenna directioners and mounting kits for vehicles and shelters are also available. Accessories, eg. anchors, guys, baseplate, sledge hammer etc., are packed in a separate accessory bag.



The hexagonal sections move inside each other on plastic guideways which provide the masts with excellent torsional resistance.



Technical Data

Mast Type	TM 90/9.5-2.8M	TM 100/10-2.4	TM 128/9-2.8	TM 128/10-3.1	TM 128/14.2-3.3	TM 128/15-2.9	TM 128/17-4	TM 128/18-3.7	TM 128/18-4.2
NSN no.	5985-25-121-3643	tbd	5985-01-247-9114	tbd	5985-25-126-9148	5985-01-248-4760			
AB no.	AB 175 N	tbd	AB 1342/G	tbd	AB 177 N	AB 1339/G			
Elevated length over all (m)	9.4	10	9	10	14.2	15	17	18	18
Retracted length over all (m)	2.81	2.4	2.8	3.1	3.3	2.9	4.0	3.7	4.2
Max antenna area CxA (m²)	0.15	0.16	0.6	1.25	1.0	0.3	0.5	0.8	1.0
Weight: Mast (kg)	22	19	36	45	49	50	54	62	59
Accessories (kg)	23	19	33	45	38	45	45	45	42
Stay radius (m)	4	5.5	8	8	10 resp. 8	10 resp. 8	10 resp. 8	10 resp. 8	10 resp. 8
Number of sections	4	5	4	4	5	6	5	6	5
Number of stays x levels	3 x 2	3 x 2	4 x 2	4 x 3	4 x 3	4 x 3	4 x 3	4 x 3	4 x 3
Max wind speed (m/s)	30	36	42	35.6	30	36	30	30	33
Max vertical topload (N)	50	120	300	500	500	200	300	250	350
Max horizontal topload (N)	85	130	660	560	575	250	280	450	680
Antenna attachment	Ø50 x 60	Ø50 x 75	Ø50 x 75	Ø50 x 75	Ø50 x 75	Ø50 x 75	Ø50 x 75	Ø50 x 75	Ø50 x 75



Approval and Quality Assurance

Wibe's policy is to offer products that meet international and national standards. We operate quality assurance and quality control systems certified according to ISO 9001.

WIBE
MAST AND TOWER SYSTEMS

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