



TM 300/18-2.8 mast integrated into
Swedish Army Over-Snow Vehicle

Electric Powered Aluminium Telescopic Mast TM 300/18-2.8

Vehicle mounted telescopic mast for rapid deployment

Comrod patented aluminium 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. Comrod 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. Mounting kits for vehicles and shelters are also available.

MAST TYPE	TM 300/18-2.8
Elevated Height	18m (59ft)
Retracted Height	2.8m (9ft)
Max. Headload Area	1.75m ² (19ft ²)
Bottom Section Diameter	300mm (12in)
Top Section Diameter	60mm
Maximum WindSpeed	30m/s (67mph)
Max Vertical Topload	70kg (154lbs)
Max Horizontal Topload	1000N
Deflection (f)	2.2m (7ft) 17.8°
Reaction (T)	31000
Reaction (R)	26500

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

