

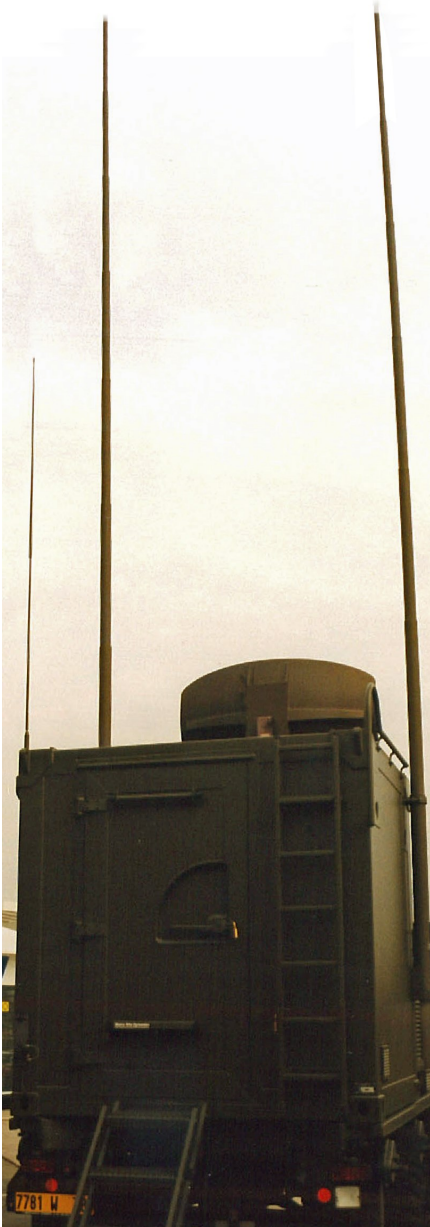
Overview

- The MT100/ 4.5-1.5 is a push-up 4.5m (15 ft) composite telescopic mast designed to support headloads up to 6kg (13.2 lbs) *
- Composite GRP tube material offers exceptional stiffness and lightweight.
- Self supporting design (no guying required) up to 50 km/h (31 mph)
- Unique bayonet mechanism for locking tubes into position. Lift tube, twist and drop into locked position. No complicated tube clamping mechanism.
- Fully extended height 4.5m (15 ft). Retracted height 1.4m (4 ft 7 ins).
- Suitable for elevating lighter top loads such as omnidirectional antennas, wire antennas, sensors and optronic equipment.
- Suitable for military and professional applications.
- Metal parts are plated and painted.
- Vehicle and shelter mounting brackets available. Brackets also available with slope compensation and 90° tilt system for stowage.
- Tripod mounting assembly available. Manufactured from lightweight GRP composite material.

Mechanical Specifications

Extended height	4.5 m (15 ft)
Retracted height	1.4 m (4 ft 7 ins)
Upper adaptor	40mm diameter spigot (1.57 ins)
Weight (mast only)	7 kg (15.4 lbs)
Maximum headload *	6 kg (13.2 lbs)
Number of sections	4
Material	Composite epoxy, GRP
Installation	Tripod or vehicle shelter
Colour	NATO army green 24x5 (other colours available)
Temperature range (operational)	-30°C to +55°C (-22°F to 131°F)
Temperature range	-40°C to +70°C (-40°F to 158°F)

* Maximum mast headload subject to wind surface area



Tripod assembly
(optional)



Bayonet tube
locking system



GRP composite
tube sections