



Overview

- The MT 100/6-1.5 is a push-up 6m (20 ft) composite telescopic mast designed to support headloads up to 8 kg (18 lbs)*
- Composite GRP tube material offers exceptional stiffness and lightweight.
- Unique bayonet mechanism for locking tubes into position. Lift tube, twist and drop into locked position. No complicated tube clamping mechanism.
- Fully extended height 6m (20 ft). Mast can also be used at lower heights as required.
- Retracted height 1.47m (4 ft 10").
- 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.
- Supplied with ground mounting kit as standard.
- Tripod mounting assembly available.
- Vehicle and shelter mounting brackets available.

* Typical values shown. Actual values will be subject to a combination of top load weight, top load area and pointing accuracy required.



Tripod assembly (option)

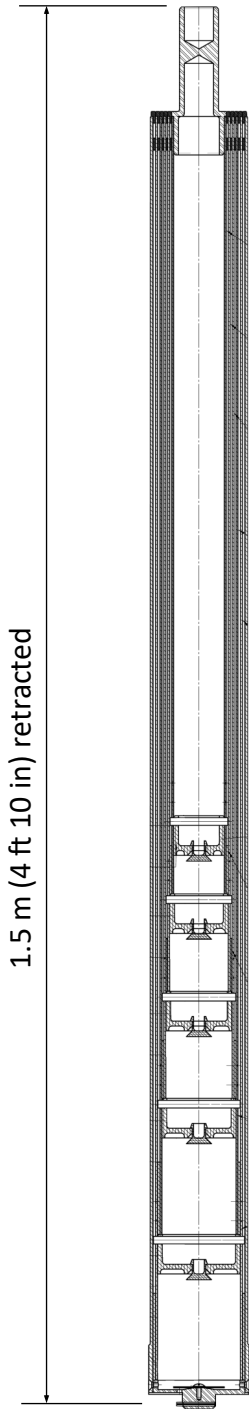


Bayonet tube locking system



GRP composite tube sections

Mechanical Specification



Extended height	6 m (20 ft)
Retracted height	1.47m (4 ft 10 ins)
Upper adaptor	40mm diameter spigot (1.57 ins)
Weight (total)	20 kg (44 lbs)
Weight (mast only)	8.5 kg (19 lbs)
Maximum headload *	8 kg (18 lbs)
Headload area max.	0.2 m ²
Material	Composite epoxy, GRP
Installation	Ground mounted with 3-way guys
Colour	NATO army green 24x5 (other colours available)
Wind speed	Operational: 80 km/h Survival: 120 km/h
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)
Setup time	10 minutes (two operators)

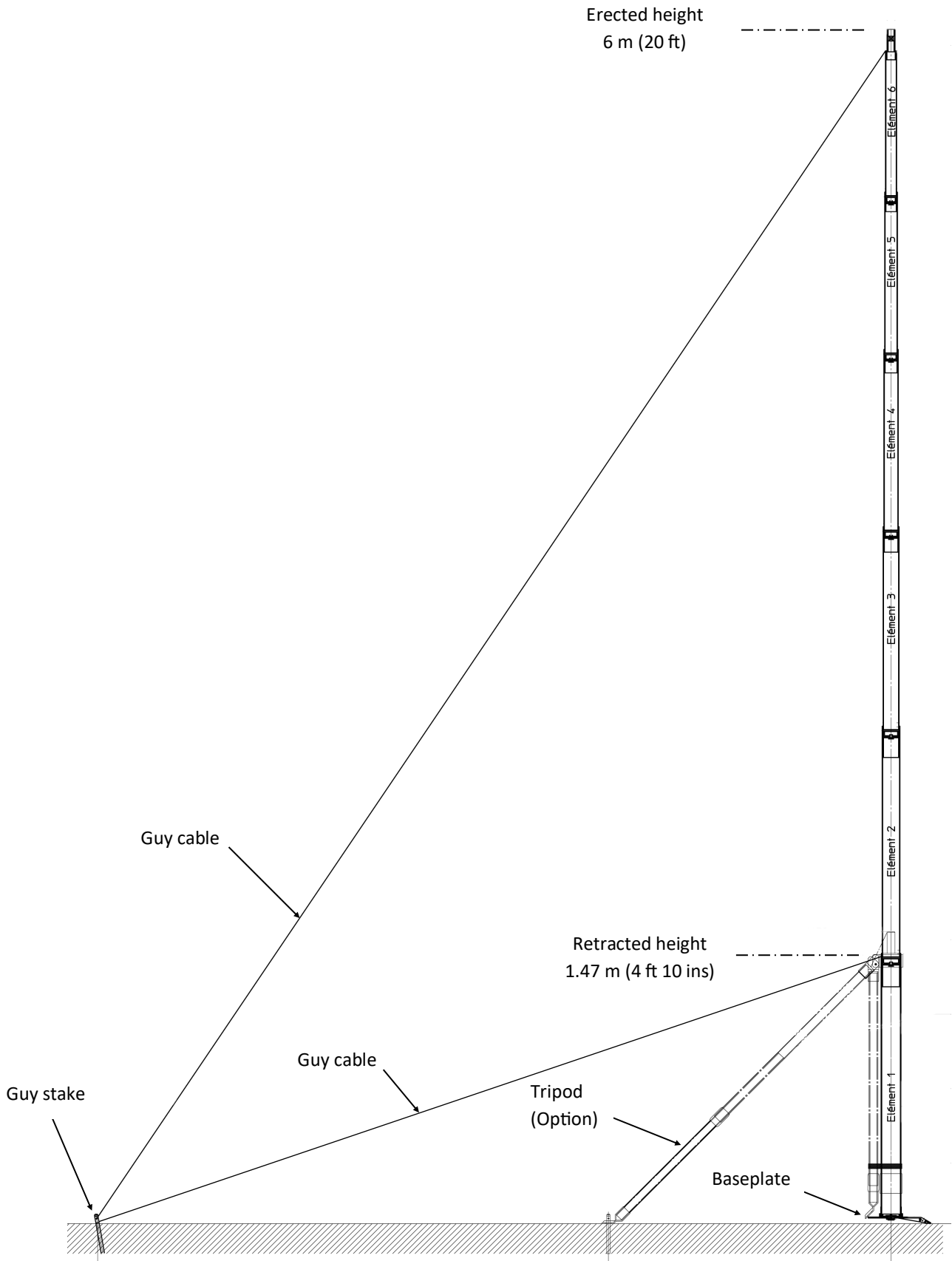
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Packing and Transportation

Standard packaging (ground mounted): 1 bag for mast accessories. The mast is not packed in a bag. An optional mast bag is available on request. The maximum length for transport is 1.5 m (4 ft 10 ins)

Kit List (Ground Mounted)

Quantity	Description
1	Mast assembly
1	Base plate
3	Anchor stake
1	Tripod Assembly (option)
3	Guy stake
3	Guy cable on winder (upper)
3	Guy cable on winder (lower)
1	1kg (2.2 lbs) hammer
1	Transport bag



Standard installation : ground mounted with guy cables