

MT 100/6-1.5

6 m telescopic composite mast, push-up, 1.5 m retracted
Tactical Masts: Telescopic Push-Up



Overview

- The MT 100/6-1.5 is a push-up 6 m composite telescopic mast designed to support headloads up to 8 kg*
- 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 6 m. Mast can also be used at lower heights as required
- Retracted height 1.47 m
- 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. Brackets also available with slope compensation and 90° tilt system for stowage

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



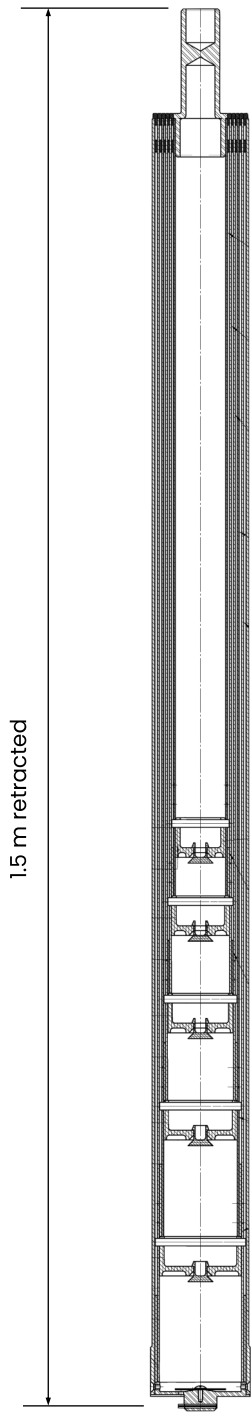
Tripod assembly (option)



Bayonet tube locking system



GRP composite tube sections



Mechanical Specifications

Extended Height	6 m
Retracted Height	1.47 m
Upper Adaptor	40 mm diameter spigot
Weight (Total)	20 kg
Weight (Mast Only)	8.5 kg
Maximum Headload*	8 kg
Headload Area (Maximum)	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
Temperature Range	- 40°C to + 70°C
Setup Rime	10 minutes (two operators)

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

Packing and Transportation

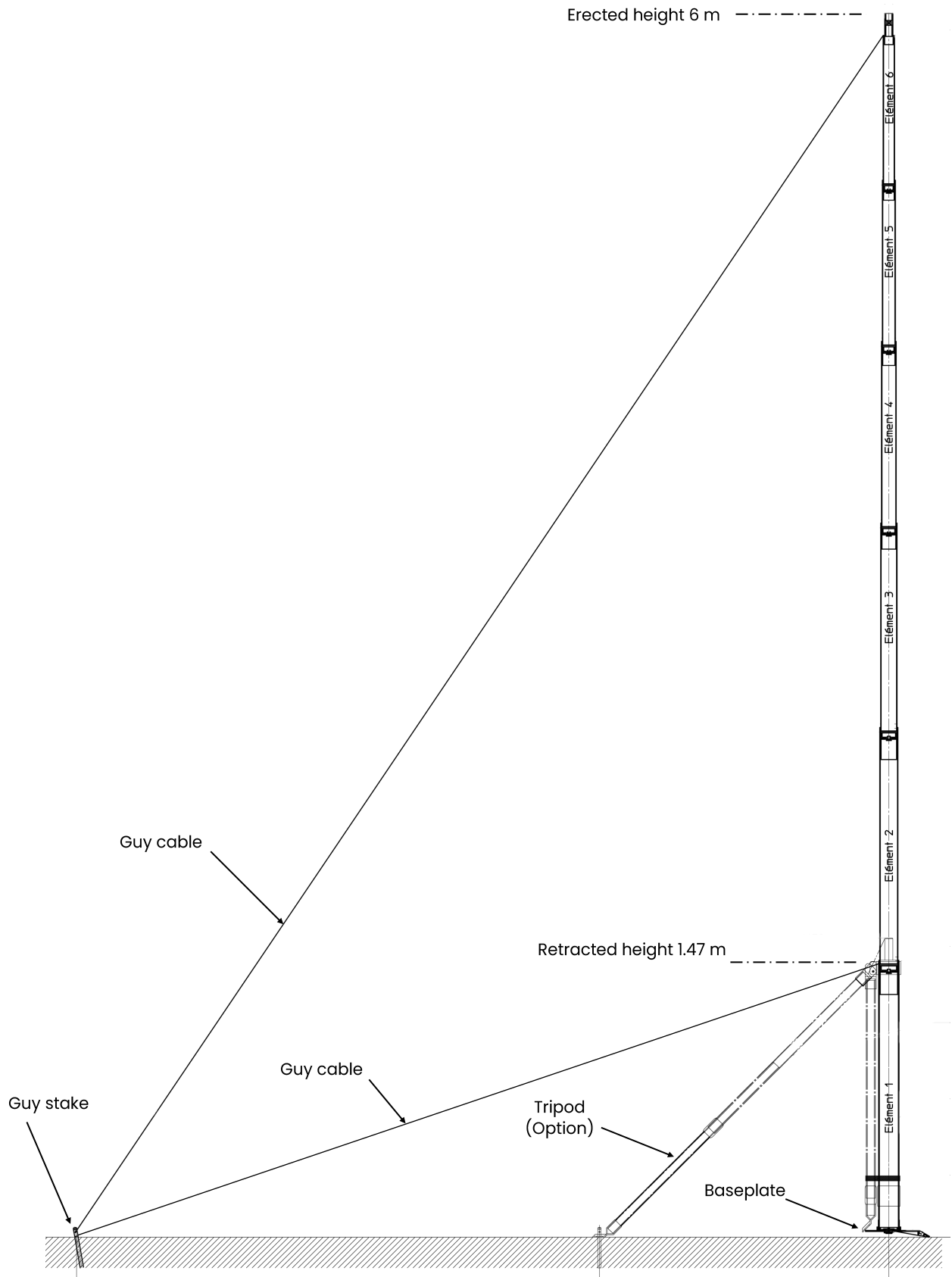
Standard packaging (ground mounted): 1 bag for mast accessories. The mast is not packed in a bag. An optional mast bag is available on request.

The maximum length for transport is 1.5 m.

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	1 kg hammer
1	Transport bag

Installation



Standard installation : ground mounted with guy cables

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All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

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