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WL4 MT100

The WL4 MT100 is the ideal solution for anyone looking to install a mast without the need for a transportation company or installation team. Due to its construction, it is easy to assemble without compromising on stiffness and load-bearing capacity. In this document, you will find everything necessary for the installation of the mast. Periodic inspection of bolt connections and the overall condition of the mast is required.

Specification WL4 MT100

Mast height: 10 meters

Number of components: 8

Wall thickness: 2.2 millimeters

Material: Aluminum, other components steel

Brand: WL4

Maximum height of individual components: 1.5 meters

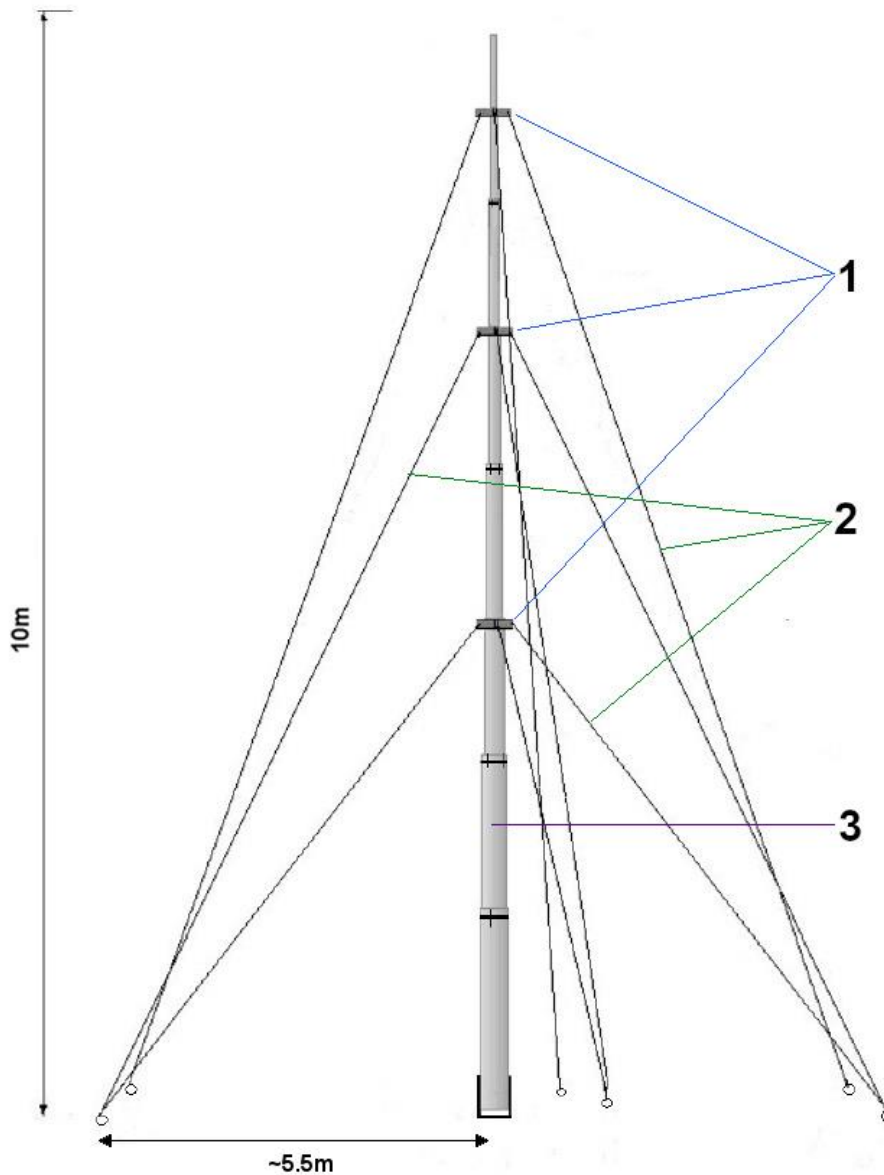
Diameter of elements: Ø 60, 55, 50, 45, 40, 35, 30, 25 mm

Distance between pegs and the base: 5.5 meters

Weight: 8.1 KG theoretically

Assembly WL4 MT100

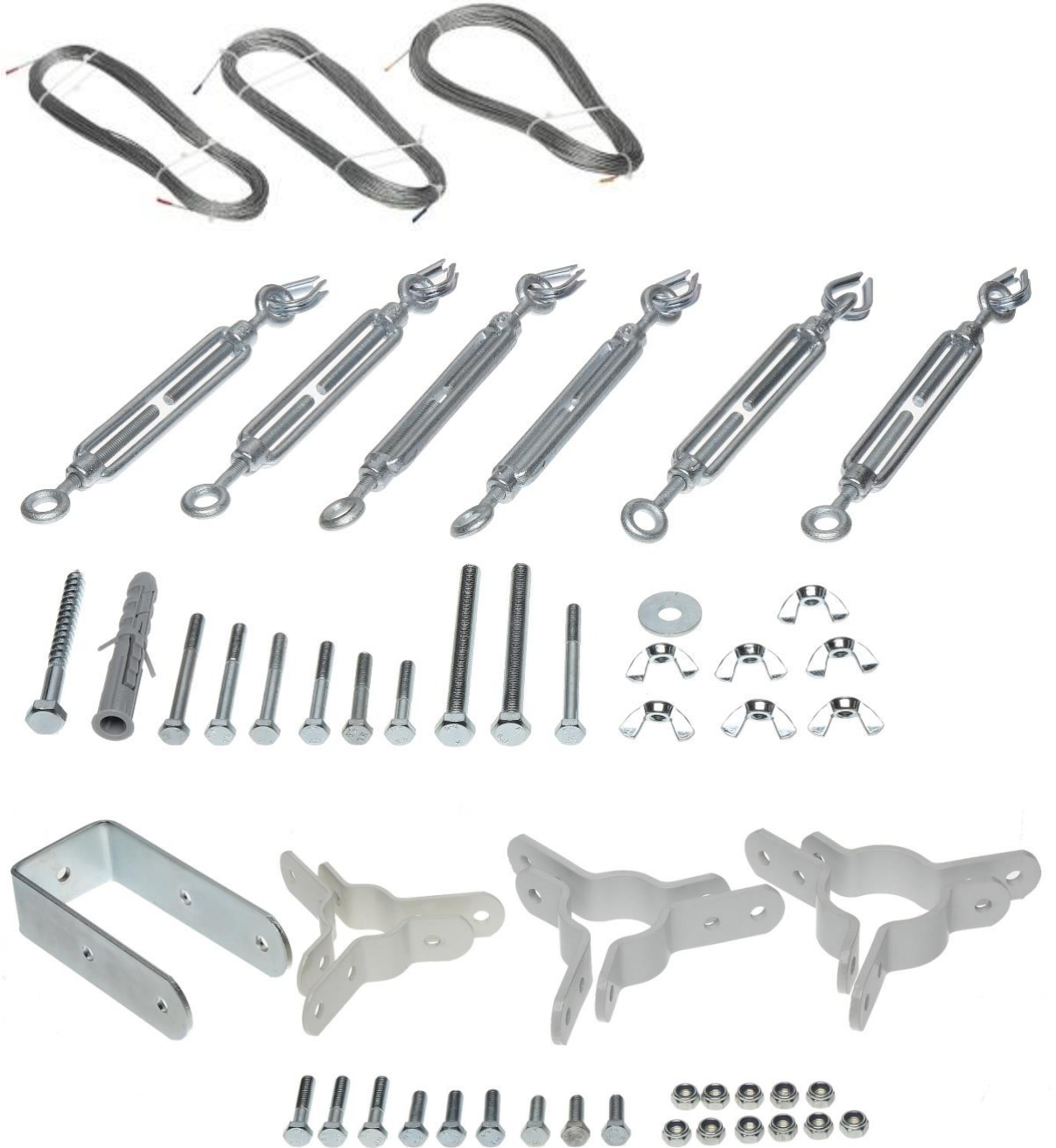
1. Attachment of mast cables
2. Mast cables
3. Mast



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Included with the WL4 MT100

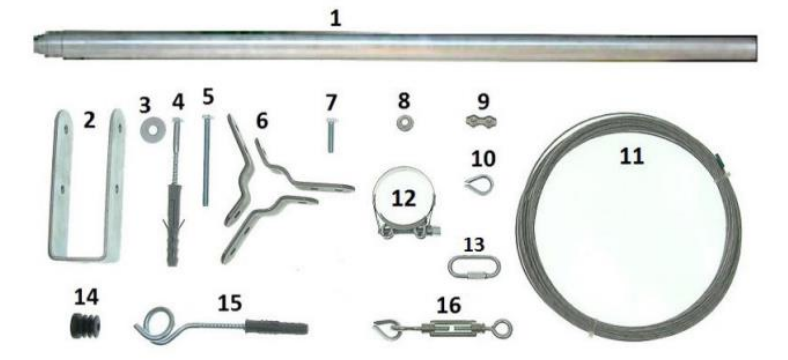


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Assembly WL4 MT65

The MT65 has a similar structure to the MT100.



Step 1

Prepare steel cables at the correct length for the attachment points. Maintain the same distance for this purpose. Three meters from the center of the mast. The cables are seven meters and four meters long.

Step 2

Place the cables (10) in the cable channel and secure them with the clamp (9).



Step 3

Loosen the screws (16) and attach the other end of the cable with the nuts (9), but do not tighten them completely immediately. This is to allow the guy lines to be tensioned later.

Step 4

Slide out the mast and assemble the clamps (9 & 12). If necessary, screw the cap onto the upper part (14) as well.



Step 5

Attach the mast base (2) to the ground using the provided screw (4) and washer (3). Secure the mast with a bolt (5).



Step 6

Extend the upper part of the mast by aligning it with the markings and secure it with a clamp (6 or 12) depending on the pipe diameter. Tighten the clamp until the segments (tubes) are securely fastened. Repeat this process alternately for each segment.



Step 7

Hook the cables to the clamps (6) using the links (13).



Step 8

Attach the hooks (15) to the ground at an appropriate distance from the base.

Step 9

Raise the mast with a minimum of two persons. One person supports the mast, and the other person places the second bolt (5) on the base (2) and hooks the cables onto the hooks.

Step 10

Pull on the cables by hand and keep the mast upright on the ground.

Step 11

Secure the cables using the turnbuckles.

