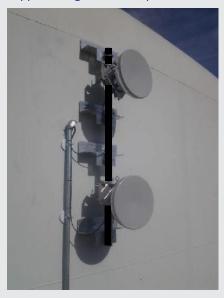
OmegaMount-STM Side Tank Mount High Performance Magnetic Antenna Mounts



Supports Single and Multiple Antennas



Key Features

- Magnetically Attaches to Water Tanks
- Works with All Antennas
 LTE Cellular Panel Parabolic Whip Yagi
- Permanent Attachment
- High Strength Neodymium Cup Magnets
- Side and Top Mount Options
- Works on Flat and Curved Steel Surfaces
 - Water Tanks (min. tank diameter is 50 ft)
 - Elevator Penthouses
 - Steel Silos
- Magnetically Attached Cable Trays and Conduit
- 100% Zero Corrosion Guarantee
- Standard and Heavy Duty Models Available
- Lifetime Warranty 100% Made in USA

A single mount can support parabolic antennas up to 6 ft in diameter, cellular panel and whip antennas. The mounts may be installed on the top or side of water towers or other steel structures.

OmegaMount magnetically attaches to any steel structure with a minimum thickness of 0.25 in.

Conduit and cable trays are also magnetically secured by with ceramic magnets allowing for rapid and professional installation.

OmegaMount does not require expensive welding and tank recertification - no draining water tanks - no internal paint blistering. Installing OmegaMount is straightforward. Once the magnets are set in place, the mount is permanent*.

Composite materials significantly reduce weight allowing for greater antenna loads. All mounts engineered to survive 140 mph winds at full antenna loading and exceed AASHTO requirements. *OmegaMount may be relocated or removed by trained professionals.

OmegaMount Specifications

OmegaMount-STM Side Tank Mount - Standard Duty

Mast Composite Materials - Length 56" x 4.5" Outside Diameter

L-Braces Dual Aircraft Grade Aluminum 1/2" x 39" x 5"

Forces and Twisting Movement

Resisting Force 1180 ft/lbs (1620 Nm)
Pull Force 900 lbs (4000 N)

Wind Velocity 70 mph (110 km/h)140 mph (225 km/h) F-Axial Force 125 lbs 480 lbs (2150 N) (560 N)F-Side Force 40 lbs (180 N) 135 lbs (610 N) M-Twisting Movement 147 lft/lbs (200 Nm) 535 lbs/ft (725 Nm)

Mount Weight 35 lbs (16 kg)

OmegaMount-HTM Side Tank Mount - Heavy Duty

Mast Composite Materials - Length 56" x 4.5" Outside Diameter

L-Braces Quad Aircraft Grade Aluminum 1/2" x 39" x 5"

Forces and Twisting Movement

Resisting Force 2360ft/lbs (3240 Nm)
Pull Force 1800lbs (8000 N)

Wind Velocity 70 mph (110 km/h) 140 mph (225 km/h) F-Axial Force 250 lbs (1120 N) 960 lbs (4300 N) 270 lbs (1220 N) F-Side Force 40 lbs (360 N)M-Twisting Movement 295 lft/lbs (400 Nm) 1070 lbs/ft (1450 Nm)

Mount Weight 68 lbs (31 kg)

OmegaMount-TTM Top Tank Mount

Mast Galvanized Steel - 72", 96", 126" Lengths Available x 3.5: Outside Diameter

Tripod Base Height 42" x Leg Distance 64". Minimum Mounting Height 48"

Forces and Twisting Movement

Resisting Force 1070 ft/lbs with 72" Mast (1450 Nm with 1.8 m Mast))

Pull Force 1800 lbs (8000 N)

70 mph (110 km/h) 140 mph (225 km/h) **Wind Velocity** F-Axial Force 190 lbs (845 N) 480 lbs (2150 N) F-Side Force 80 lbs (355 N)135 lbs (610 N) 135 lft/lbs (185Nm) 535 lbs/ft (725 Nm) M-Twisting Movement

Mount Weight 76 lbs (35kg) - not including steel mast - 12.5 lbs/ft (18.6 kg/m)

All specifications accurate at time of printing. OmegaMount spefications subject to change without notice.

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