

Metal & Cable Corp., Inc.

9337 RAVENNA ROAD, UNIT C P.O. BOX 117
TWINSBURG, OH 44087
PHONE (330) 425-8455 FAX (330) 963-7246

*****FAILURE TO READ AND FOLLOW INSTRUCTIONS
MAY LEAD TO RISK OF INJURY OR DEATH*****

WARNING

FALL HAZARD

**FAILURE TO FOLLOW THIS WARNING MAY
RESULT IN SERIOUS INJURY OR DEATH.**

Use OSHA approved fall protection equipment when installing mount.

Mount NOT man-rated. Do not lean on mount, hang on mount, or use mount for support.

CAUTION

MAGNET HAZARD

**FAILURE TO FOLLOW THIS CAUTION MAY
RESULT IN INJURY OR PROPERTY DAMAGE.**

Mount contains magnetic components.

- **PINCH HAZARD.** Interaction with magnets on mount may create a pinch hazard.
- **PROPERTY HAZARD.** Electronic objects such as cell phones, hearing aids, and beepers may be damaged.

WARNING

DETACHMENT HAZARD

**FAILURE TO FOLLOW THIS WARNING MAY
RESULT IN SERIOUS INJURY OR DEATH.**

Failure to follow installation instructions, including application of correct torque values, may create a mount detachment hazard. Mount must remain tethered to tower at all times.

CAUTION

CUT HAZARD

**FAILURE TO FOLLOW THIS CAUTION MAY
RESULT IN INJURY.**

Metal components of mount may have sharp edges. Use care and wear OSHA approved protective clothing, work gloves, and safety glasses when handling and installing mount.

WARNING

MAGNET HAZARD

**FAILURE TO FOLLOW THIS WARNING MAY
RESULT IN SERIOUS INJURY OR DEATH.**

Mount contains magnetic components. Wearers of cardiac pacemakers, implantable cardioverter defibrillators (ICDs) or other metallic, magnetic, or mechanical implants, devices or objects should not come into contact with mount.

WARNING

Do not install on top of ice.

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Instructions for cable tray and cable 4-magnet Magnemount Model CT1000-24-U-4

Do not remove the pads on the bottom of the magnets. They are an integral part of the system!!!

Tools needed: ½” open ended wrench, ½” deep socket, torque wrench

General layout requirements

- 1) Cable tray covers (if being used) to be a maximum of 4” high.
- 2) Cable tray should preferably be 12” wide, or a maximum of 18” wide.
- 3) The cable tray and cover should be made of aluminum.
- 4) The Magnemount Cable Tray holders must be mounted to the tank before the cable tray is attached.
- 5) The bottom Magnemount on a vertical run must be anchored to the ground.
- 6) **Do not place any of the magnets on the Magnemounts across a weld.**

Installation instructions

- 1) Do not remove the bubble wrap until the Magnemounts are ready to be installed.
- 2) The Magnemounts should be spaced according to project engineering specifications if other than those recommended on our web site. Metal & Cable recommends spacing of 2 feet, for side of tank applications, and 3 feet, for top of tank applications.

- 3) Remove all dirt from the installation area - preferably with a damp cloth. This will greatly aid the holding power of the mounts.
- 4) Remove the bubble wrap and cardboard from the magnet bases and place the Magnemount on the tower
- 5) If needed, alignment can be adjusted by tapping the channel with a rubber mallet.
- 6) Loosen the double nuts on the magnets until the magnets completely contact the tower.
- 7) Finger-tighten (**ONLY**) the bottom nut. Bring the top nut down to contact the bottom nut. Hold the bottom nut with the ½” open ended wrench and tighten the top nut using **10 pound-feet** of torque.
- 8) Conduct a shear strength test at least 24 hours after the installation. The shear strength should be 30 pounds per mount to pass.

Keep fingers clear of the bottom of the magnets when installing.

Removal

Lift one end of the Mount and all of the magnets will release.

Any questions at any time, call David Klein at 330-963-7909 (direct)