

# Metal & Cable Corp., Inc.

9337 RAVENNA ROAD, UNIT C P.O. BOX 117

TWINSBURG, OH 44087

PHONE (330) 425-8455

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



## 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.



## 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.



## 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.



## 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.



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.

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

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

Tools needed: 1/2" open ended wrench, 1/2" 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) At least 2 Magnemount Cable Tray holders must be mounted directly next to each other at the bottom, or the bottom cable tray mount 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 closer than those recommended on our web site. Metal & Cable recommends spacing of 2 feet, or closer, for side of tank applications and 3 feet, or closer, for top of tank placement applications.
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- 3) Remove all dirt from the installation area - preferably with a damp cloth. This will greatly aid the holding power of the mounts.

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

- 4) Remove the bubble wrap from the magnet bases and place the cable tray 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.

### 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)