

## Installation Instructions

# Conveyor Guard Kit 100

Conveyor guard safety nets keep workers safe from injury, protects products from damage and reduces loss of production time due to spillage.

Safety nets may be installed to new or existing conveyor systems with the supplied kit materials.

Installation requires that suitable anchor points are available for wire tensioned cable runs necessary to support the safety nets.

Instructions apply to 3' x 100' kits

Basic hand tools are required.

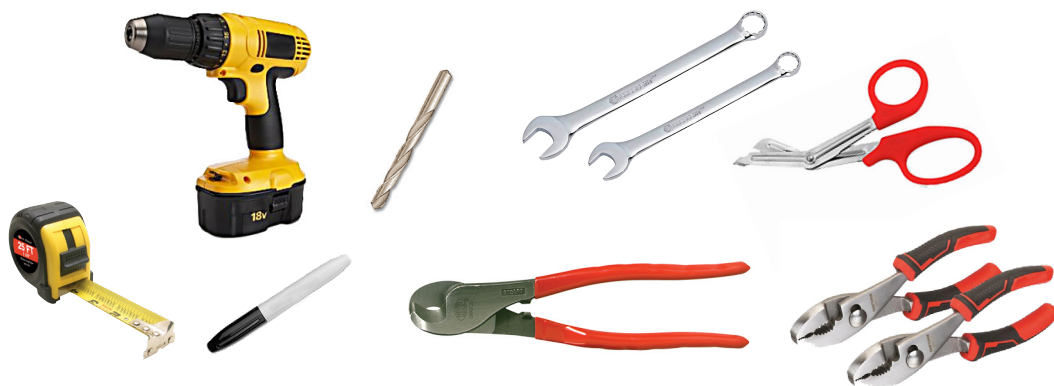
System containment rating is 500 lb.

Refer to the associated layout illustrations for recommended placement and anchor installation.  
Read instructions carefully.



### Required Hand Tools

- Electric Drill
- Drill Bit, 3/8"
- Tape Measure and Marker
- Box Wrench, 1/2"
- Box Wrench, 9/16"
- Utility Shears
- Cable Shears
- Pliers



### Kit Components

	Part Number	Quantity
• M250 Netting	250-3X50	1
• Cable Ties	TIE08	120
• 1/4" Aircraft Cable	CAB14G	250 ft
• 1/4" Cable Thimble	TM14G	5
• 1/4" Cable Clamps	CC14G	10
• 3/8-16 x 6" Eyebolt & flange-nut	EBA386.0G	4
• 3/8 x 6" Jaw & Eye Turnbuckle	TB368G	2
• 50 mm Snap Hook	SH050ZP	220



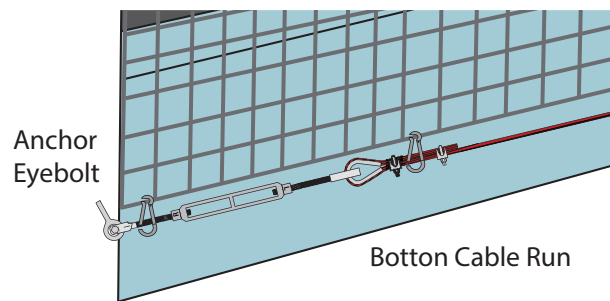
## System Placement and Measurement

1. The kit is supplied with netting and hardware for three different configurations for installing containment netting to an open side conveyor.
2. System configuration is determined by the cable and netting anchor methods to be used. [See Illustrations](#)
3. Measure the horizontal area for installation, marking anchor points for bolted hardware.
4. Vertical measurements must consider the added length of installed snap hooks.
5. Cable lengths must consider turnbuckle placement and a ten inch turn-back on each cable end for assembling around a thimble and attachment of cable clips.
6. The system is to be installed as close to the conveyor as possible and to utilize existing framework or columns as anchor points.

## Anchoring Options and Methods

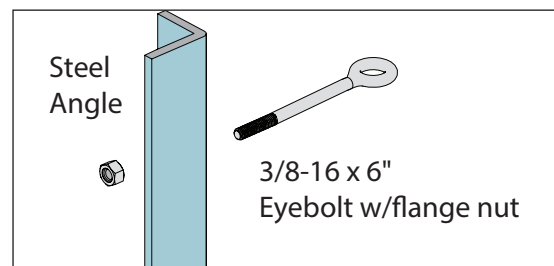
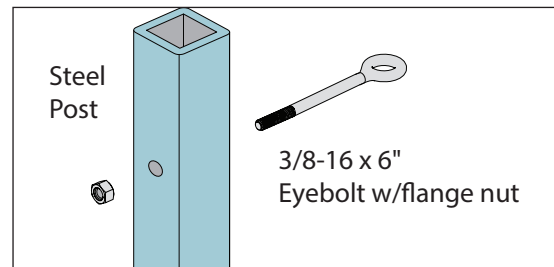
### **Anchoring to conveyor framework**

1. The kit supplied 3/8-16 x 6" bolts are to be installed through the sides of existing conveyor framework.
2. Mark and drill anchor through holes when predrilled holes are not available.
3. Install the threaded anchor bolt and tighten.



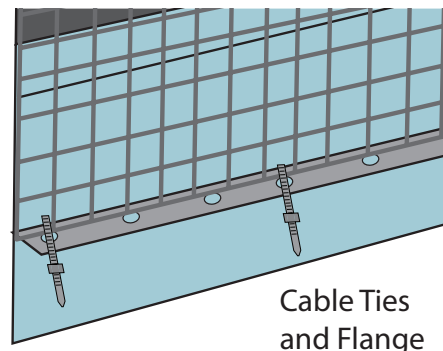
### **Vertical steel post and cross member anchoring**

1. If existing conveyor framework can not be used, a post or cross member capable of supporting a 500 lb anchor load must be installed. Examples shown.  
Anchor structures such as posts and angles are to be sourced and installed before installation of netting.
2. Mark and drill anchor through holes when predrilled holes are not available.
3. Install the kit supplied 3/8-16 x 6" bolts and tighten.



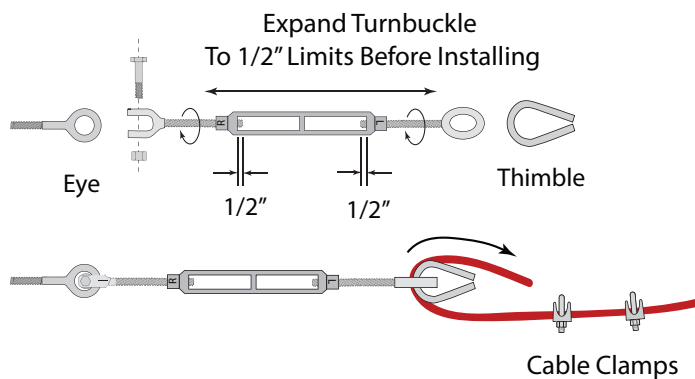
### **Cable ties through conveyor bed flange**

1. Conveyors with side mounted bed flanges can be used for direct anchoring of the net panels using kit supplied cable ties.
2. Ties are spaced one foot on center for the length of the net panel. Through holes must be marked and drilled when predrilled flange holes are not available.

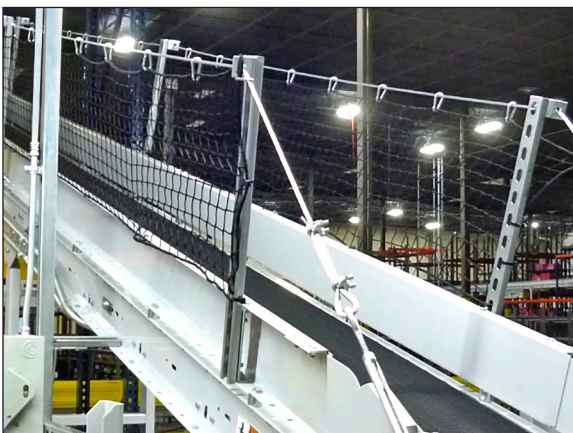
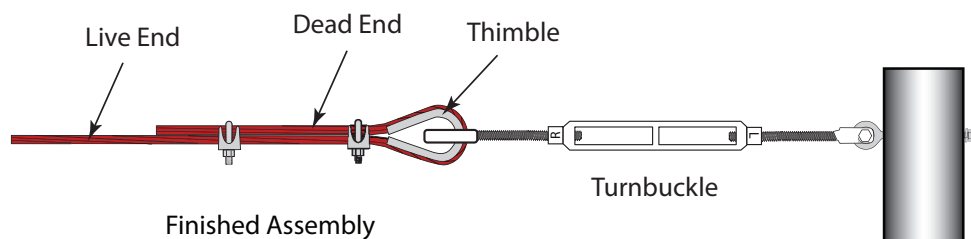
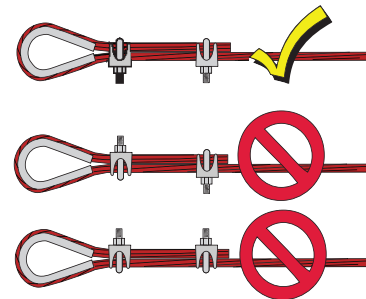


## Cable and Turnbuckle Installation

1. Each cable run uses one turnbuckle placed at one end. Two thimbles and four cable clips per cable.
2. Unscrew both sides of the turnbuckle to its limit, then attach the jaw end of the turnbuckle to the installed eyebolt anchor.
3. Twist open a thimble and attach it to the eye of the turnbuckle; twist closed using two pair of pliers.
4. Place the cable clamps on the live end of the cable.
5. Thread the cable through the turnbuckle, around the thimble and back through the three cable clamps.
6. Pull all slack out of the cable and tighten the clamps starting with the 1st clamp nearest to the dead end.  
Note: Minimum cable turn-back is 4-3/4 inch.  
Note: Torque clamps to 7 ft-lb.
7. Tighten the turnbuckle with two wrenches, turning with one wrench while holding the cable end stationary with the second wrench. Use care not to twist the cable.
8. Inspect the installed cable and adjust turnbuckle for a maximum two inch deflection at the cable run midpoint.
9. Trim cable ends with cable shears.

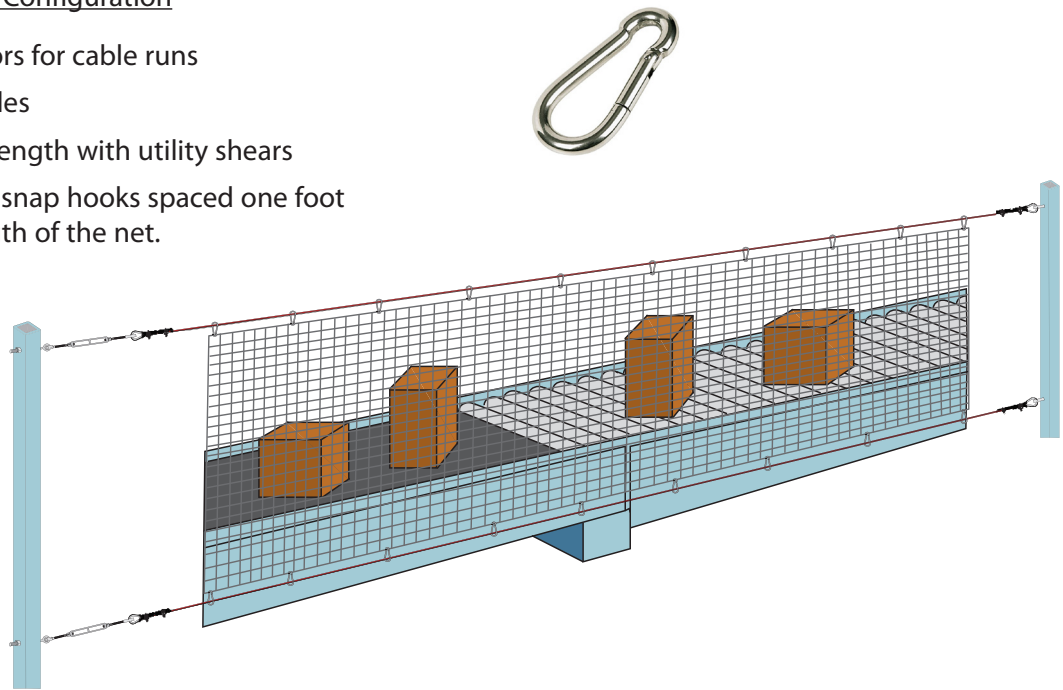


Install Correctly and Torque to 7 ft-lb for 1/4" Cable



### Top and Bottom Cable Configuration

- Install eyebolts anchors for cable runs
- Install and adjust cables
- Cut the net panel to length with utility shears
- Install net panel with snap hooks spaced one foot on center for the length of the net.



### Top Cable Configuration with bottom anchored to bed flange with cable ties

- Install eyebolts anchors for top cable run
- Install and adjust cable
- Prepare flange for cable tie installation
- Cut the net panel to length with utility shears
- Install net panel with snap hooks and cable ties, spaced one foot on center for the length of the net.

