

INDUSTRIAL SAFETY MATS & ACCESSORIES

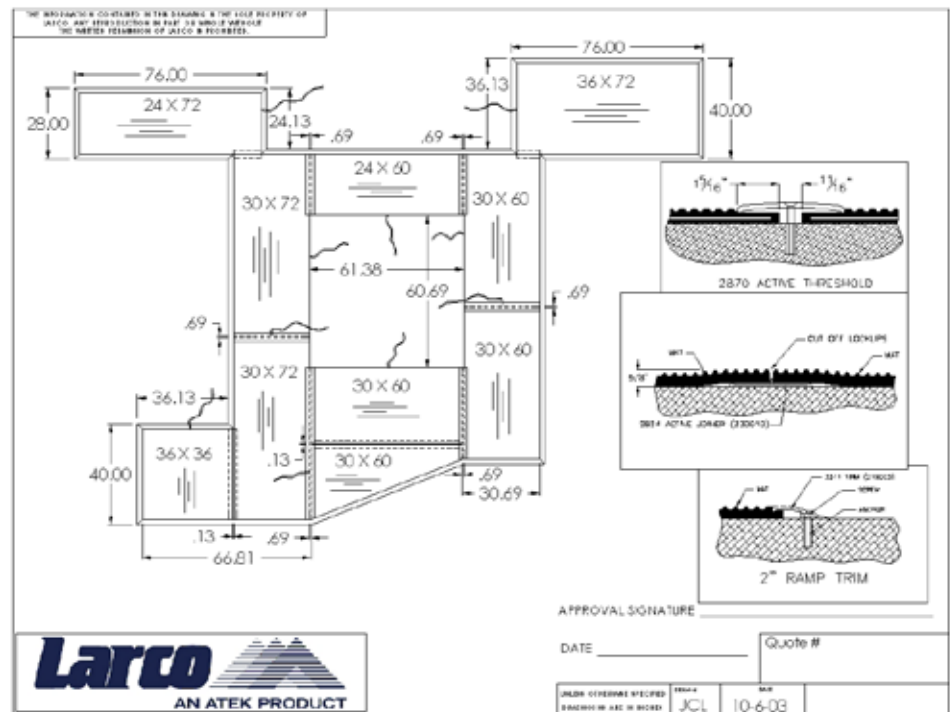
Larco Industrial Safety Mat Systems

Since 1957, Larco has focused its efforts on developing and producing the most reliable and durable presence-sensing mats available. Designed to meet stringent industrial requirements, Larco safety mat systems offer a durable solution to your safe guarding needs, resisting severe environmental conditions with control reliable system performance.

How Larco Industrial Safety Mat Systems Work

A Larco presence-sensing safety mat works like a normally-open switch. When stepped on, the "switch" closes and sends a signal to the controller, which, in turn, provides normally open or closed safety rated relay contacts to control the guarded equipment.

Larco controls provide intelligence to the system by monitoring the safety mat and machine wires for malfunctions due to incorrect wiring or physical damage.



Larco is capable of providing the customer with CAD drawings of the proposed layout.

Applications

Larco Industrial Safety Mat Systems have been used to successfully reduce hazards in a number of industries in machine point-of-operation, area and perimeter guarding applications, including:

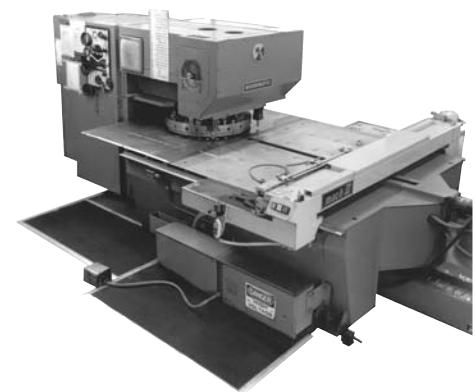
- Robotic Welding
- Laser Welding/Cutting
- Water Jet Machines
- Pick and Place Robots
- Plastics Molding Machines
- Assembly Machines
- Automated Material Handling
- Packaging Machinery
- Textile Machinery

- Conveyers
- Paper Converting Machinery
- CNC Punches & Tube Benders
- Wash Stations
- Punch Presses
- In Section Molding Machine
- Pallotizers
- Fabrication Cells

Industries Served

- Tire Manufacturing
- Paper and Cardboard Manufacturing
- Automotive
- Wood Products Manufacturing
- Aircraft Industry
- Boat Manufacturers

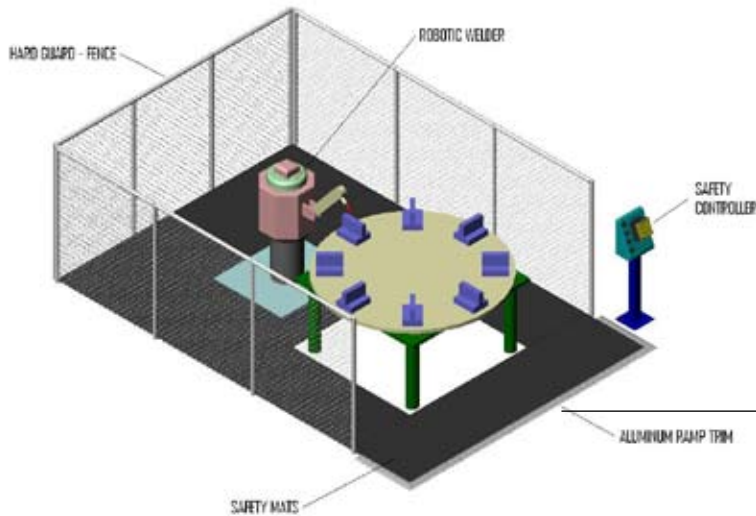
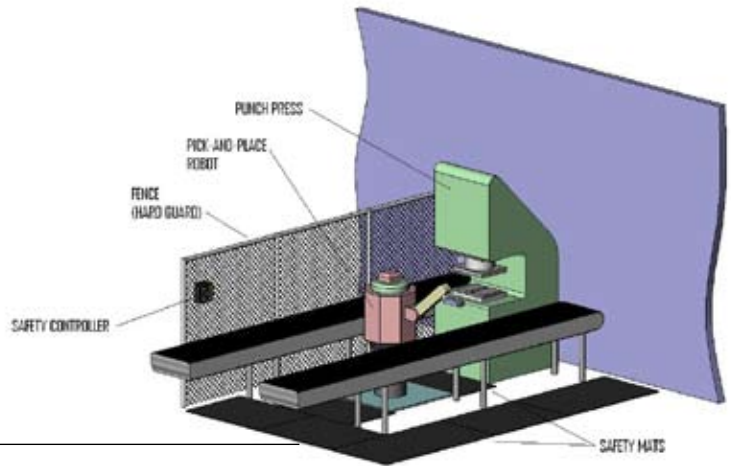
- Tractor Manufacturers
- Personal Watercraft and ATV Industry



Applications

Punch Press

The punch press is being fed by an industrial robot and the primary safe guarding of the installation is provided by the safety mat. Hard guarding is provided in the back of the cell to prevent entry. Due to its open design the cell can be guarded by mats alone. The pinch point is well within the machine cell with the only access being through contact with the safety mats.

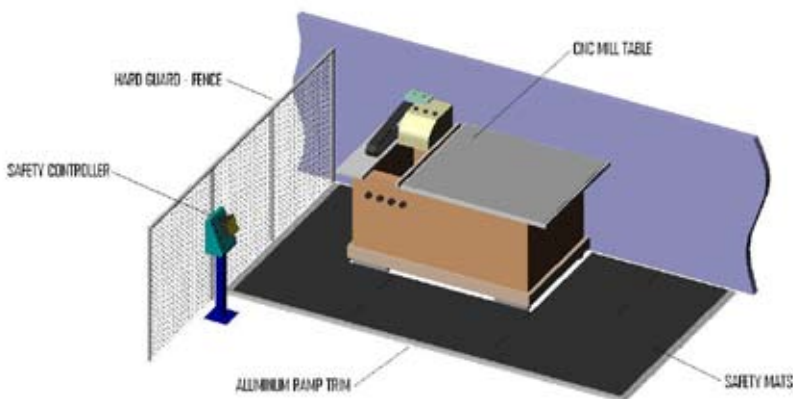
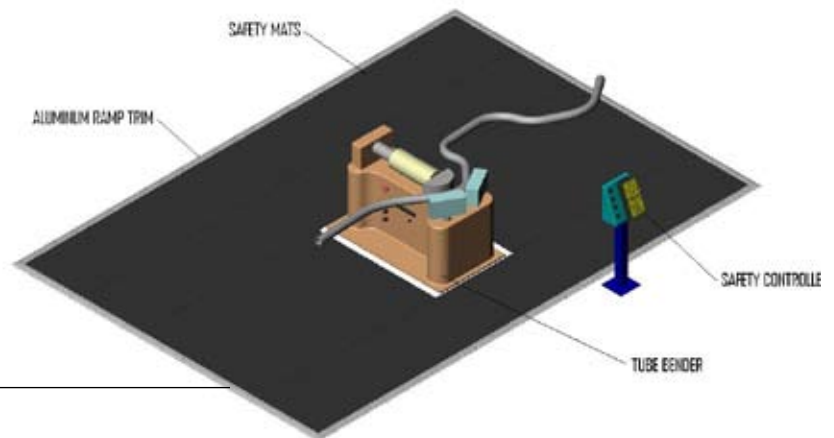


Robotic Welding

The safety mats work in conjunction with the hard guarding to provide complete protection for maintenance or service people. Upon entering the cell, the robot and rotary table are disabled. The operator must push a reset button located at the safety controller to reset the safety system and permit the machine to run. The safety controller and reset button are located such that the operator has a full view of the work area.

Tube Bender

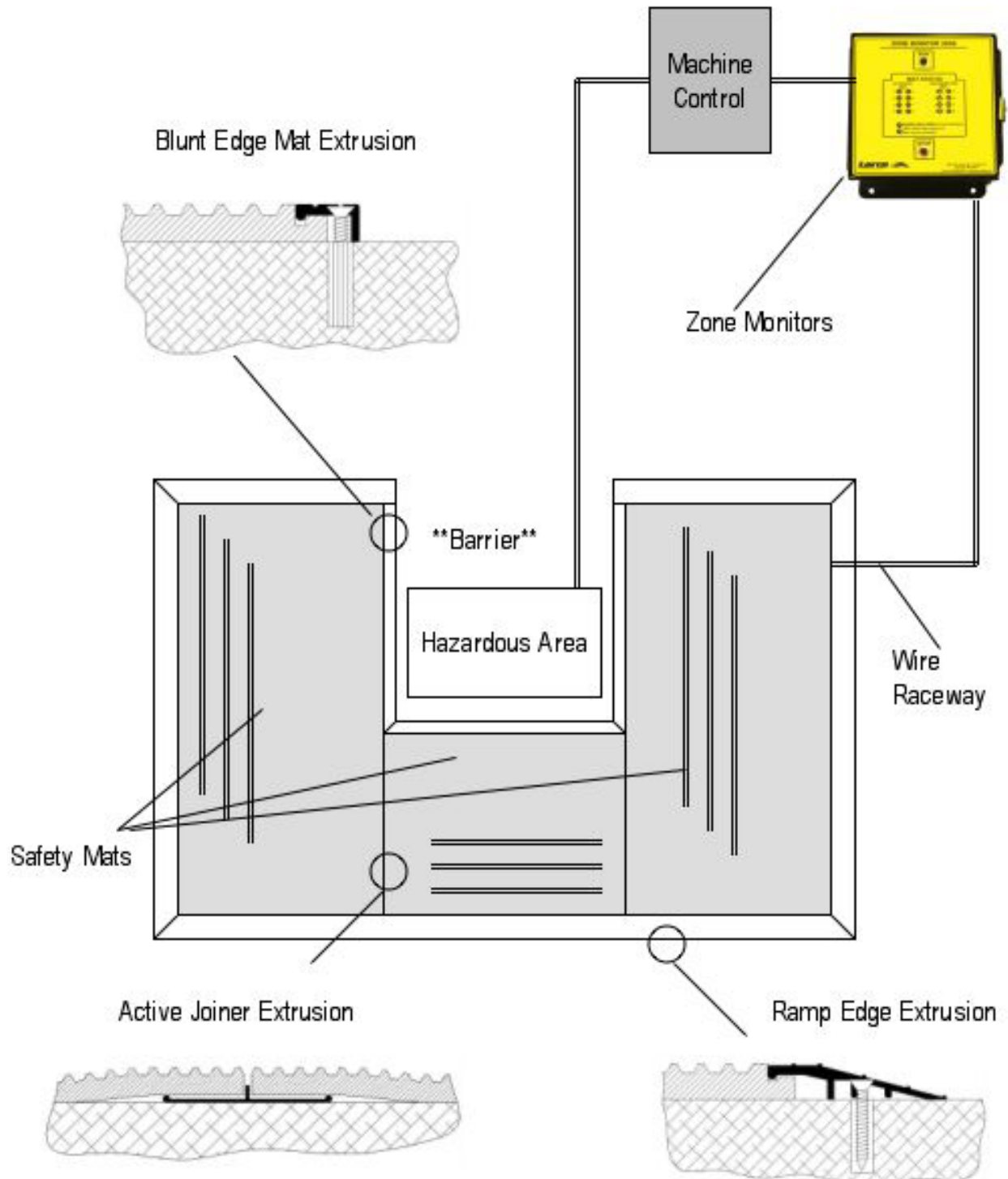
The safety hazard associated with a tube bender is the movement of the part during machine operation. The safety mats in this example are larger to accommodate the arc of movement associated with the part. Any person coming within the proximity of the machine stops the bending process.



CNC Machine

Safety mats are used on certain machines where the machine table can move to either side of the CNC machine. Since the table moves at a rapid rate, the possibility of an accident happening is greatly increased if the operator is standing too close. Safety mats are placed around the perimeter of the machine to insure a safe proximity from the working table.

Typical Safety Mat Layout



Applicable Standards: Designed to meet or exceed UL 508-1999 Standard for Industrial Control Equipment, ANSI B11.19-2003 Machine Tool Standard, OSHA 1910.212-1996 General Machine Guarding, ANSI-RIA 15.06-1999 Industrial Robots and Robots System-Safety Requirements, ENIEC 60204-1998 Electric Equipment of Machines and EN 1760-1-1998 Safety of Machinery, Pressure Sensitive Protective Devices.

Frequently Asked Questions

Why do I need mat trim?

Answer: The trim provides the user with four functions. One, according to industrial safety standards, a mat that is used cannot be easily moved out of position. When the trim is properly installed it will hold the mat or mats in place. Ramp trim is used where pedestrian traffic is present.

Two, according to the safety standards the mat cannot create a tripping hazard. Three, the trim provides a place to run the mat cords which protect the cords from damage and helps in the ease of installation. Four, the trim prevents debris from building up under the mat which over time may flex the mat enough to cause a false activation.

Can you drive a forklift onto a Larco safety mat?

Answer: The Larco mat is designed to withstand load capacities of 3000 PSI. The only thing we suggest is that if forklift traffic will occur on the mats you use the 2-1/2" ramp extrusion #211926 which has a more heavy duty design over the 2" ramp trim extrusion #219033.

I require a mat that is 48" wide and 12 feet long, but the longest Larco mat that is manufactured is only six feet long. What can I do?

Answer: You can place any number of Larco mats side-by-side to obtain whatever length you desire. The only thing you are required to do is to remove the lock lip edge from each mat where any two mats are joined together. You then must place a piece of Active Joiner extrusion #230010 under the seam which guarantees a 100% active seam where the two mats are joined.

Can I order a Larco mat in colors other than black?

Answer: Larco mats are available in a number of color options. The standard mat colors are black and yellow, but other colors are available for an additional charge, including brown, gray, blue, red and other custom colors.

What if I need a special size that isn't listed on the Larco standard size list?

Answer: Larco can modify all of the 51 standard mat sizes at time of manufacturing to create an unlimited number of "custom" mat sizes and shapes. You can specify changes in length, width, notches, angles and radiuses into any of our standard mat sizes.

How much voltage can I apply to the mat?

Answer: The mats are classified as a low-voltage device. Power requirements are 30 volts and below, AC or DC.

Where can safety mats be used?

Answer:

- Point of operation guarding
- Area guarding
- Perimeter guarding



Larco mats are not only impact resistant, but can also withstand frequent forklift traffic.

Safety Mat

Impact Resilient

Heavy-duty electrode assembly and durable outer shell provide excellent impact resilience and the ability to withstand heavy loads of up to 3,000 PSI.

Highly Sensitive

Larco mats have a high sensitivity threshold requiring only 3-5 lbs for activation in normal foot traffic.

Totally Submersible

Larco safety mats are not laminated and will not separate. Hermetically sealed in a thick, seamless, molded vinyl shell, they are impervious to fluids and suitable for even the wettest industrial environments.



Larco's heavy-duty steel electrode assembly is bonded to the mat's durable outer shell ensuring superior protection against fluid infiltration even if the mats outer vinyl surface is cut or damaged.

4 Year Warranty

All Larco mats are made in the USA

Mat Specifications

Electrode Assembly

- Normally open switch
- High-durability 24-gauge steel
- Standard 18-gauge, 4-wire, single-jacketed lead wires and optional application-specific wiring options
- Hermetically encapsulated switch and lead wires
- Designed to meet IP67 and NEMA
- Water-tight and totally submersible

Outer Shell

- Proprietary molded vinyl
- Shore A hardness 72 ± 2
- Dielectric strength-300 volts/mil.
- Ribbed to prevent slipping, aggressive non-skid SureStep surface available
- Variety of colors
- Monogram, logos and lettering capabilities

Load Capacity

- 3,000 psi

Temperature Range

- -35° F to 120° F (-37° C to 49° C)

Standard sizes available (in inches):

12 x 12	24 x 20	27 1/2 x 43	33 1/2 x 32	39 1/2 x 44
12 x 24	24 x 24	27 1/2 x 44	33 1/2 x 44	39 1/2 x 56
12 x 36	24 x 30	27 1/2 x 56	33 1/2 x 56	40 7/8 x 43 3/16
12 x 48	24 x 36	27 1/2 x 57	34 7/8 x 31 3/16	40 7/8 x 3 3/16
12 x 60	24 x 42	30 x 30	34 7/8 x 43 3/16	40 7/8 x 55 3/16
12 x 72	24 x 48	30 x 36	34 7/8 x 55 3/16	48 x 48
18 x 24	24 x 56	30 x 42	36 x 36	48 x 60
18 x 36	24 x 60	30 x 48	36 x 42	48 x 72
18 x 48	24 x 72	30 x 60	36 x 48	
18 x 60	27 1/2 x 27 1/2	30 x 72	36 x 60	
18 x 72	27 1/2 x 32 1/2		36 x 72	

Activation Sensitivity

- 3-5 lbs. in normal foot traffic

Chemical Resistance

Good resistance to

- Mineral Acids
- Organic Acids
- Alcohols
- Aldehydes
- Caustics
- Petroleum Solvents & Oils

Not recommended for

- Organic Solvents
- Chlorinated Solvents

For a complete chemical resistance chart, contact Larco directly

Applicable Standards

Designed to meet or exceed ANSI B11.19-2003 Machine Tool Standard, OSHA 1910.212-1996 General Machine Guarding, ANSI/RIA 15.06-1999 Industrial Robots and Robots System-Safety Requirements and EN 1760-1-1998 Safety of Machinery, Pressure Sensitive Protective Devices

Safety Mat Options

Customization Capabilities

Color

Larco safety mats are available in a number of color options. The standard Larco mat colors are black and yellow. Other colors are available upon request.



Custom Lettering and Logos

Informational messages such as "Caution" or "Do Not Step" or symbols can be added to your safety mat utilizing contrasting colors to provide a visual warning or message to personnel. Larco has a variety of symbols in stock and can custom-build logos for any specific application.

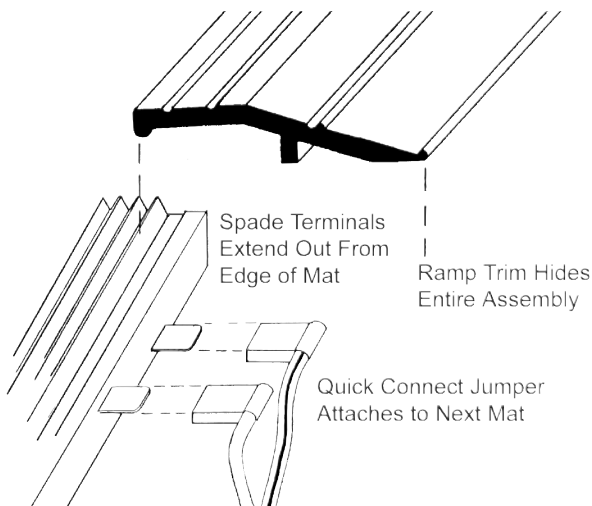


Custom Sizes and Shapes

Larco offers over 50 standard size mats. Custom sizes, notches, angles, and shapes are available providing you with unlimited options for your application needs.

QUICK CONNECT TAB/CORD SYSTEM:

Through a series of spade terminals and jumpers, the Quick Connect System provides on the floor connections, without junction boxes. This option is ideal for multiple mat applications in which multiple wires and wiring around obstructions are issues, including areas with heavy pedestrian and forklift traffic.



Note: This system is not fluid tight and therefore should not be used where fluids may be present.

Mat Wiring

All Larco mats are configured with a 20-foot long, single jacketed, four-wire cord unless otherwise specified at the time of purchase.



Four-Wire Plug Cord

Larco offers the convenience of a molded plug for easy wire connections. When used with the control box receptacle they form a watertight mechanical connection and seal.



Field Installed Plugs

A fast, efficient means of interconnecting mat systems to controls, field installed plugs have the same watertight characteristics as the molded plug and can be attached to Larco's standard 20-foot long cord.



PN226724

Control Box Receptacles

Accepts the Larco plug cords and are typically mounted in the mat control device or mat wiring junction box.



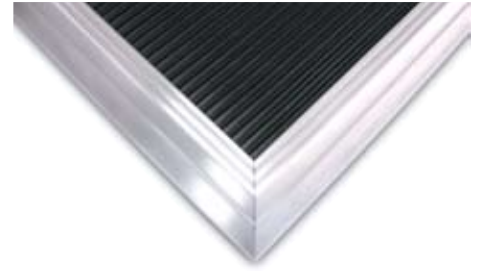
PN226931

Standard Ribbed Mat

Typical Industrial Application

Course rib design provides slip resistance and helps reduce debris build up on the surface of the mat. It offers unparalleled durability and versatility

for your machine safe guarding needs. Impact resilient, abrasion resistant. The ribbed surface provides a standard slip resistant mat surface.



SureStep Mat

Added Slip Protection for Unique Environments

In industrial environments where liquids, oil and grease make floors hazardous, Larco's SureStep™ mats, with their aggressive non-skid surface, can provide added protection over Larco's standard ribbed mats. Tested under the toughest industrial conditions, Larco's non-skid surface, combined with our totally submersible design, provides high reliability while

reducing the risk of slipping on surfaces covered with grease and oil. The mats are treated with a high-traction, long-wearing granular surface material that is bonded to the mat's vinyl surface with an adhesive that is designed to withstand oils, water and other fluids. The mats are constructed to withstand pedestrian and vehicular traffic.



Comfort Step Mat

Anti-Fatigue Presence-Sensing Safety Mats for Machine Guarding

Larco Introduces the Comfort Step mat, the first anti-fatigue presence sensing safety mat available for machine guarding.

The Comfort Step mat is designed to reduce worker fatigue in machinery safeguarding applications where frequent worker presence is required, such as load/unload stations.

Features/Benefits

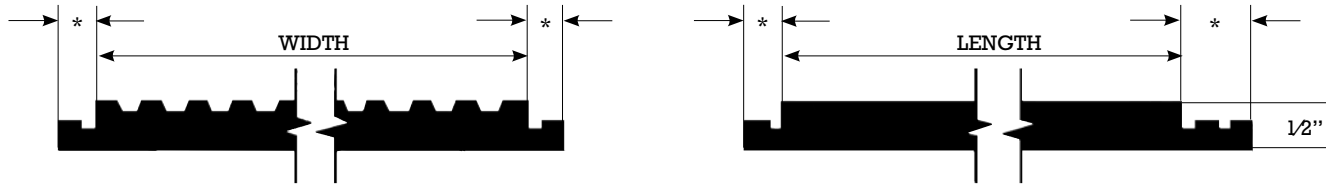
- Made to the same high manufacturing specifications as Larco's standard ribbed presence-sensing safety mat, the Comfort Step mat is designed for the foot traffic in demanding industrial environments.
- The Comfort Step provides the safety features of Larco's standard mat with the added comfort of an anti-fatigue mat.
- Designed to reduce lower body aches and pain and overall worker fatigue, which increases productivity and employee morale.



Note: not to be used with forklift traffic (consult factory regarding correct applications)

Mat Edge Styles & Measuring Your Larco Mat

Lock Lip Edge



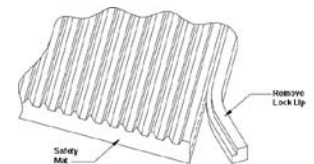
The most common and widely used edge style for Larco mats, the Lock Lip Edge is used in single mat applications or is removed to create the square edge for use with the "Active Joiner" extrusion for multi mat applications.

** Dimensions do not include the locklip edge.*

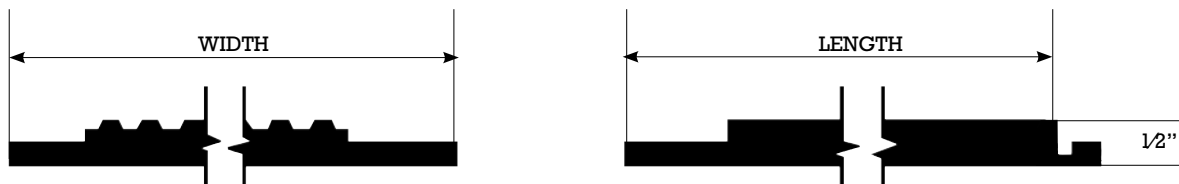
Square Edge



Most commonly used when the "Active Joiner" extrusion is used to join mats, the square edge is created by cutting away the Lock Lip Edge (shown at right) at the time of installation. This edge is also used when a mat is "butted" up against an obstruction or against a machine base.



Active Threshold Edge



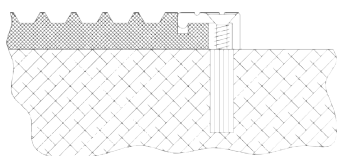
This edge accommodates the "Active Threshold" and "Active Ramp" extrusion, a previously popular mat style now replaced by Lock Lip and Square Edge mats shown above.

Extrusions

Lock Lip Edge Extrusions

Blunt Edge/Recessed Trim

This mounting method is used to secure Lock Lip mats when mounting in a recessed area or machinery pan or where ramp trim is unnecessary, such as a non traffic area.



PN210978
(1057)

Ramped Lead-Up & Wire Raceway

The Ramped Lead-up is used in conjunction with the Wire Raceway to route wires along the edge of mats.

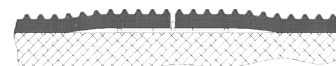


PN212069 & 211488

Square Edge Extrusions

Active Joiner

The Active Joiner is used to eliminate inactive areas between mats.



PN230010
(2824)

Lock Lip Ramp Trims

The 2 1/2-inch ramp provides more strength and a longer ramp for use in areas with heavy vehicular traffic.



PN211926
(1814)

The 2-inch ramp works well in pedestrian traffic to eliminate trip hazards.



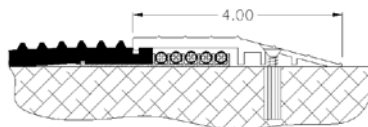
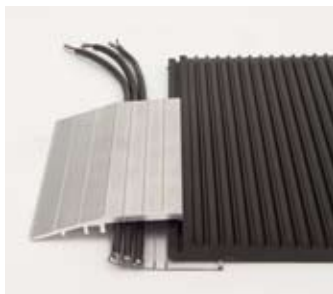
PN219033
(3311)

The 4-inch ramp trim is best used in pedestrian traffic areas where longer ramps with less slope are desired.



PN211234

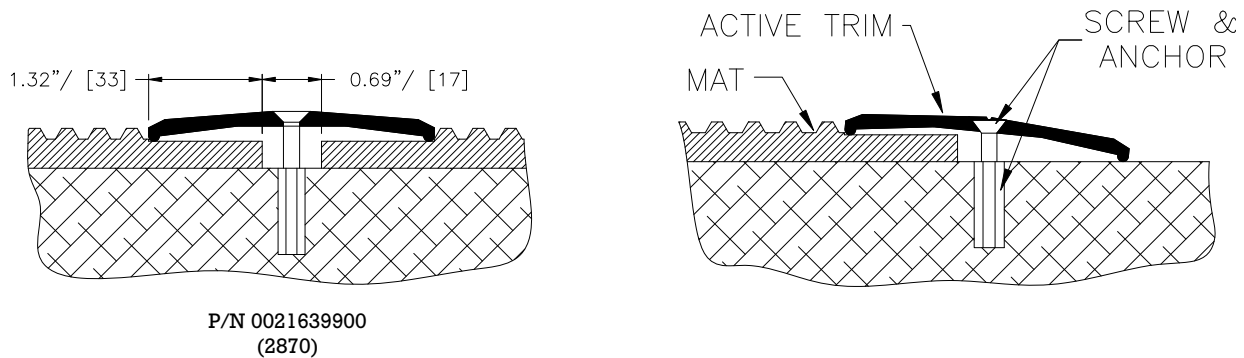
Wire Management



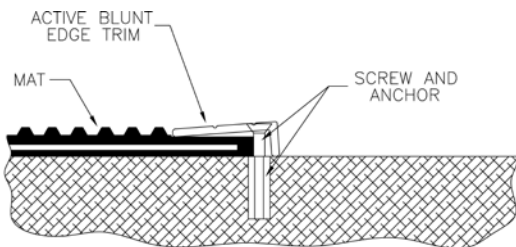
4" HEAVY DUTY RAMP TRIM
WITH CORD ROUTING
PN 235166 & 235167
(5063) (5064)

The 4-inch ramp trim with cord routing tray provides an easy way to manage a large number of mat cords. (holds 5 standard mat cords)

Extrusions



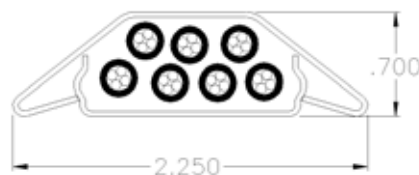
Active Threshold/Active Ramp Between Mats



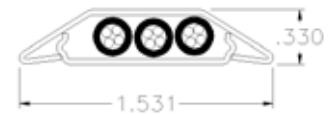
Active Blunt Edge Extrusion

Wire Raceways

Used to route mat wires across the floor to the connection point. Available in two sizes, which can hold either three or seven standard mat cords.



P/N 0022571000
18 GAUGE STEEL



P/N 0021152500
21 GAUGE STEEL

Labor Saver Self-Adhesive Mat System

Save Time & Money with Quick & Easy Mounting

In mounting situations where drilling trim is just not practical, the Larco Labor Saver Self-Adhesive Mat System can be used to secure a mat or trim in place.


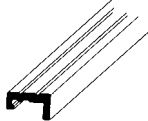
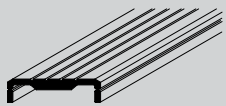
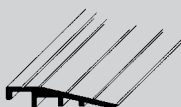
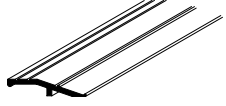
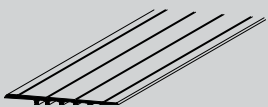
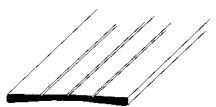



In this mounting method, a specially formulated adhesive tape is applied to either the trim surface or directly onto the mat to hold the mat in place without screws or other metal fasteners. No drilling is required.

Primarily used in applications where mats are placed in recessed areas or on platform walkways, Larco Labor Saver Self-Adhesive Tape can be used in any number of internal and external industrial applications, requiring only a smooth mounting surface that is free of grease and dirt.

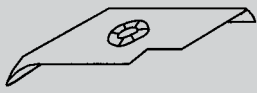
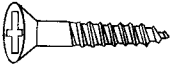

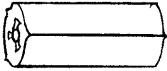
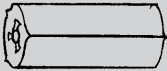


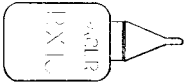


This mounting method performs well in tough industrial environments, including areas with heavy forklift and pedestrian traffic. Larco Labor Saver Self-Adhesive tape has excellent long-term holding power, and are ideal for bonding to a variety of floor types, including most metal, sealed wood, glass, plastics and painted surfaces.

For more information on this mounting method and how it can be used in your particular application, contact Larco directly.

Trims & Extrusions

Trim	Detail	Part Number	Stock Length
Active Joiner (2824)		230010	120"
Blunt Edge/ Recessed Trim (1057)		210978	125"
Joining Strip (Used in conjunction with P/N 211488)		212069	120"
Ramped Lead-up (Used in conjunction with P/N 212069)		211488	120"
2 ½" Ramp Trim (1814)		211926	132"
2" Ramp Trim (3311)		219033	130"
4" Ramp Trim Low Profile		211234	143"
Active Threshold		214980	120"
3-Cord Wire Raceway		211525	120"
7-Cord Wire Raceway		225710	120"
4" Ramp Trim Heavy Duty (5063 — used with extrusion below)		235166	120"
Cord Routing Extrusion (5064 — used with extrusion above)		235167	120"

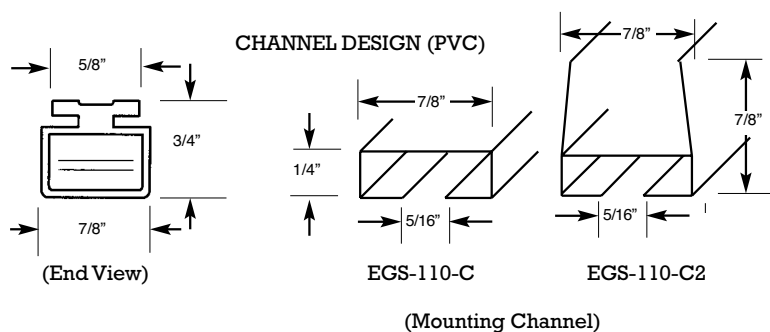
Installation Accessories

Accessory	Detail	Part Number	Description/Use
Corner Cap		226255	Eliminates the need for mitering when forming trim kits using P/N 214980
Active Threshold Screw		214920	Solid stainless steel #12 x 1 1/2" screw for use with P/N 214980 trim
Trim Screw		210745	Solid stainless steel #10 x 1 1/4" screw for use with all extrusions except P/N 214980
Screw Anchor		210750	1" anchor for P/N 214920 screw (blue)
Screw Anchor		210746	1" anchor for P/N 210745 screw (green)
Jumper Wire/Quick Connect		214988 216484 216659 216138	8" Length 18" Length 12' Length 25' Length
Water-Tight Crimp Terminal		218197	For joining mat wires
Instant Adhesive (5g bottle)		217272	For sealing jumper wires on "Quick Connect" mats
Caution or Hazard Tap		222109	Black and yellow pattern (2" wide, 54' roll)
Tube of Mat Joiner Sealant		2335070	Used to place a seal over the seam where two mats are joined together to prevent build up of debris in seam

Pressure-Sensitive Edge Guards

EGS110 TECHNICAL SPECIFICATIONS

Color	: Black
Length	: 6 inches to 100ft.
Sensitivity	: 8 psi
Lead Wire	: 2ft. 22 gauge - standard
Wire Outlet Location	: Specify right hand, left hand or end
Wiring	: 4 wire, Normally Open
Electrical Requirements	: Maximum 24 volts AC/DC, 1/2 amp
Mounting Channel	: High density PVC
Sensing Edge	: Flexible PVC
Temperature Range	: -30°F to +155°F



Features & Benefits:

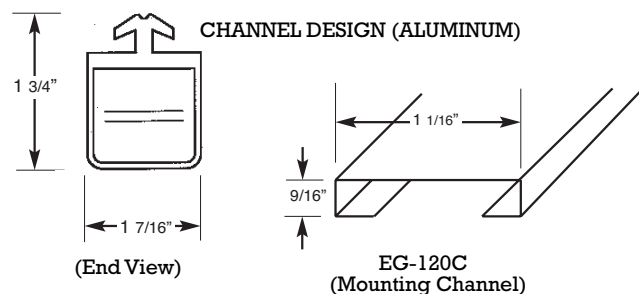
- Provides a safety solution for narrow edges
- Suit a wide variety of applications
- Easy installation
- Manufactured with durable materials

EGS110



EGS120 TECHNICAL SPECIFICATIONS

Color	: Black
Length	: 6 inches to 100ft.
Sensitivity	: 4 psi - approximately
Lead Wire	: 2 ft. 18 gauge - standard
Wire Outlet Location	: Specify right hand, left hand, or end
Wiring	: 4 wire Normally Open
Electrical Requirements	: 24 volt AC/DC 1/2 amp
Mounting Channel	: Aluminum
Sensing Edge	: Flexible PVC
Temperature Range	: -30°F to +155°F



EGS120



Control Units

Choosing the right Larco safety mat controller is an important decision, balancing features and options required while maintaining a high level of productivity. Larco's high-quality, high-performance safety controls can accommodate almost any industrial safety demand. Use the information below to identify which safety controller will work best for your application.



Factors to consider

MAX Series Controllers

Zone Monitor 3000

Zone Monitor 3008

Number of mats	1 mat diagnostic input. (Can accept up to 10 mats with junction box on terminal strip)	4 mat diagnostic inputs. (Can accept additional mats with junction box)	8 mat diagnostic inputs. (Can accept additional mats with junction box)
Mode of operation: Restart or guard only (manual)	One unit accommodates both modes of operation	One unit accommodates both modes of operation	One unit accommodates both modes of operation
Input voltages available	One unit accepts 24 & 110 volts. Second unit accepts 24 & 230 volts.	One unit accepts 24, 110 & 230 V options	One unit accepts 24, 110 & 230 V options
Field replaceable relay pack	No	Yes	Yes
Safety output relays	4 NO (closed when run) 1 NC (open when run)	2 NO (closed when run) 1 NC (open when run)	2 NO (closed when run) 1 NC (open when run)
Environmental rating	Enclosure IP 20 (must be installed in NEMA 3/IP 54 or better enclosure)	NEMA 12, IP 65	NEMA 12, IP 65
DIN rail mountable	Yes	No	No
Diagnostic indicators/capabilities	General fault LED	Run and stop LED/s, four mat activated and four mat disconnected LED's	Run and stop LED's, eight mat activated and eight mat disconnected LED's, two circuit diagnostic modes and two relay pack diagnostic LED's
Operator-visible lights	No	Yes	Yes
Optional quick disconnects	No	Yes	Yes
Installation location	Inside machine control cabinet	At the operator station	At the operator station

Junction Boxes CE Rated

Made of durable polycarbonate, the junction boxes are designed to connect Larco presence-sensing Industrial Safety Mats in a water-tight environment. The boxes, which include integral cable grips that will accept up to 5 or 10 (depending on the box) mat cables, eliminate awkward and malfunction-prone on-the-floor mat connections. The box cover includes a Neoprene gasket to ensure a water-tight cover seal, guaranteeing your Larco Safety mat system will perform in even the harshest industrial environments. (Use with the MAX Series Controllers.)



2-5 Mat Junction Box
CE22771100



2-10 Mat Junction Box
CE22771110

Protection Class:
NEMA Types: 1,2,3,3R,4,4X,5,12 and 13.
IP65, Din 40050

Four-Year Limited Warranty

(a) Mats Only:

The warranty policy outlined below supercedes all Larco mat warranty statements previously set forth.

Larco mats shipped after June 1, 2002 will be covered by the following warranty policy:

Under normal use, Larco mats are guaranteed against defective material and workmanship for a period of forty-eight (48) months from the date of shipment from the factory and is not extended by any replacement or repair during the warranty period. Valid warranty claims occurring during this period will be settled by either replacement with a mat or a credit to the customer's account, at the discretion of the manufacturer. Replacement mat(s) will be shipped freight collect or with the next order shipment as preferred by the customer.

This warranty shall not apply to mats bent or damaged due to mishandling, improper installation or freight damage. In addition, this warranty shall not apply if the mat has been incorrectly trimmed, damaged by fire, windstorm, tornado, flood or other acts of God, or subjected to other misuses.

Under no condition does this warranty obligate Larco to assume any liability for the

removal or replacement of the defective mat.

The first step in claiming a warranty is to contact the Larco sales department (800-523-6996) for processing instructions. You may be requested to ship the mat back to Larco in its entirety for inspection or to cut out and return the cord segment with date and part number attached, which is required for credit. All warranty claims must be made within 30 days after removal from the job, but no later than 10 days after the warranty has expired. All defective mats must be identified by date code and part number.

(b) Other Products:

Larco warrants other products...of its own manufacture, against defects in material and workmanship under normal use and service for a period of three (3) months from the date of shipment. All equipment and material not manufactured by Larco, but included as purchased components and assemblies, shall receive only such warranty, if any, as given by the manufacturer thereof and which are hereby assigned to purchaser without recourse to Larco. Larco's obligation of this warranty is limited to and shall be fully discharged by repairing any defective part, or supplying without charge F.O.B. its works, a similar part

to replace any which within three (3) months from date of shipment is shown to have been defective as to material or workmanship when shipped, provided the equipment is operated in accordance with the conditions for which it is designed.

Larco shall have the option of requiring the return of the defective material, transportation prepaid, to establish the claim.

(c) General:

(Applicable to (a) and (b) above) Larco shall in no event be held liable for damages or delay caused by defective material, and no allowance will be given by Larco for repairs or alterations unless made by written consent or approval. Larco shall not be held responsible for work done, apparatus furnished or repairs made by others. All provisions listed in Larco catalogs or specification sheets are for descriptive purpose only unless expressly stated as warranties.

For complete terms and conditions of sale, contact Larco directly.

WARNING! Usage of safety mats and safety mat devices is governed by each user's local codes and applicable industry standards. Improper usage of these devices could result in severe injuries. Applications must be limited to machines that can be stopped consistently and immediately at any point during the hazardous portion of the cycle or stroke. In the event that Larco Safety Mats do not prevent all access to the hazardous operation, the unprotected access must be guarded by other appropriate safeguarding devices or barriers.

For more information on Larco Industrial Safety Products and Accessories, visit our Web site at www.larco.com to download installation manuals, product specification sheets and technical bulletins.

Safety, Security, & Activation Solutions Since 1957



QUALITY An important part of our commitment is the dedication to quality. Every Larco product must pass a rigorous quality inspection program. Larco is ISO 9001:2000 certified, and utilizes manufacturing quality principles such as Lean Manufacturing. While good solid processes and procedures are important to make certain quality products are shipped out the door, it is the people at Larco who make it happen. We are fortunate that Larco has some of the most experienced and talented individuals who fulfill our commitment to quality each and every day.

SERVICE A quality product must be backed by exceptional service, and this is where Larco shines. We commit to providing on-time-delivery of defect-free products, and are proud of our track record. With well trained and experienced people who provide great service and technical support, the entire Larco team stands ready to serve its customers.

THANK YOU Everyone at Larco wishes to thank you for your ongoing support. We have many long term relationships that date back decades, and we plan to further strengthen these in the decades to come. If you are a new customer, we warmly welcome you and sincerely look forward to working with you.

CONTACT US: 210 N.E.10TH AVE, P.O. BOX 547 • BRAINERD, MN 56401

TOLL FREE: (800) 523-6996 • PHONE: (218) 829-9797 • FAX: (218)829-0139 • WWW.LARCO.COM



Larco is a division of ATEK Products, an ATEK Company. ATEK considers the partnerships it develops with suppliers and customers to be one of its greatest assets and key to its success. Larco continues to be an important part of ATEK's over 60-year history, and through well-defined processes and strong partnerships it is able to assure the highest quality, reliability, and customer satisfaction.

ATEK Companies is comprised of four businesses, which include ATEK Products (Larco, AcroReels, and TankScan brands), ATEK Medical (medical device manufacturer), ATEK Plastics (plastic injection molding), and ATEK Precision Castings (aluminum castings). Facilities are located in Minneapolis and Brainerd, Minnesota; Kerrville, Texas; New Hampton, Iowa; Grand Rapids, Michigan; and Heredia, Costa Rica.

For more information visit
www.atekproducts.com



210 NE 10th Avenue
Brainerd, MN 56401

QUOTATION INQUIRY

Phone: 218-829-9797 Fax: 218-829-0139
Toll Free: Phone: 800-523-6996 Fax: 800-589-3705
www.larco.com

Company Name: _____ **Date:** _____

Address: _____ **Date Required:** _____

State: _____ **Zip:** _____ **Contact Name:** _____

Fax: _____ **Title:** _____

Phone: _____ **Email:** _____

Type of Business: _____

Application Description: _____

Type of machine or area that will be guarded: _____

Mat Environment: _____ **Monitor Type:** _____

Special Notes and Sketches (attach additional sketches as needed):

(Be sure to indicate machine and obstruction locations, cord exit location if known, accessories required, quantity of each mat, colors, monitor location if known, trim styles, special requirements, etc.)

Make additional copies of Quote form as needed

[illegible]

DISTRIBUTED BY



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BRAINERD, MN 56401

WWW.LARCO.COM / 800.523.6996

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