

# Safety Label Brochure for Industrial Scissors Lifts and Tilters



## **! WARNING**

Stand clear while tilting, load may tip, dump, or cause container wall to collapse and may cause serious injury or death



## **! DANGER**

To avoid bodily injury, read all instructions before operating or servicing lift.



Do not put hands or feet under top



Do not work under lift without maintenance device.



Do not stand, sit or ride on lift.



## **! WARNING**

Do not stand, sit or ride on lift.



# FORWARD

This safety label brochure has been prepared by the Lift Manufacturers Product Section (hereafter referred to as "LMPS") of the Material Handling Industry of America. It has been created as a service to users, designers and specifiers of industrial scissors lifts and tilters. The purpose of this publication is to provide guidelines for the section and application of safety labels for use on industrial scissors lifts and tilters. This program is intended as a voluntary guide and should be incorporated into a comprehensive safety program by users of industrial scissors lifts and tilters.

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### DISCLAIMER

*The information contained in this guideline shows suggested placement for the application of safety labels and is not intended to be all inclusive regarding either location of the label or its size. Among the variable considerations which may affect placement are environmental factors such as available lighting and location of the label in relation to the line of sight of the operator and/or maintenance personnel, as well as frequency and proximity of personnel exposure. Although the design and placements suggested have been prepared on the basis of the best engineering opinions available to the member companies of the Lift Manufacturers Product Section, both the Lift Manufacturers Product Section and its member companies hereby disclaim any and all responsibility for any property damage, personal injury or any other damage resulting from the use and application of these Guidelines.*

# INTRODUCTION

Safety is a prime consideration in the design, manufacture, installation, use and maintenance of industrial scissors lifts and tilters. It is well reorganized that in many instances, safety labels can increase operator and maintenance personnel awareness of the inherent hazards involved in lifts. The process of designing and installing should be supervised by qualified personnel. The operation and maintenance of lifts or tilters should also be performed only by personnel trained to do so.

The purpose of this publication is to provide guidelines for the selection and application of Safety labels. As part of the users comprehensive safety program, users of lifts or tilters shall inspect and review safety labels to insure their integrity and maximize their effectiveness in accident/injury prevention.

## Relation to America National Standards

Current standards are cited as references for the development of the guidelines. Reference to these standards does not constitute inclusion of the complete text of such standards as part of this guideline.

ANSI Z535.4 ..... PRODUCT SAFETY SIGNS AND LABELS

ANSI Z535.6 .....PRODUCT SAFETY INFORMATION IN PRODUCT MANUALS,  
INSTRUCTIONS, AND OTHER COLLATERAL MATERIALS

ANSI MH29.1 .....SAFETY REQUIREMENTS FOR INDUSTRIAL SCISSOR LIFTS

ANSI MH29.2.....SAFETY REQUIREMENTS FOR INDUSTRIAL TILTERS

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1.) For ANSI Z535.6  
National Electrical Manufacturers  
Association  
1300 North 17th Street  
Rosslyn, Virginia 22209  
Phone: (703) 841-3200  
Fax: (703) 841-5900  
[www.nema.org/stds](http://www.nema.org/stds)

2.) For ANSI MH29 Series of Standards:  
Lift Manufacturers Product Section of  
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[www.mhia.org/LMPS](http://www.mhia.org/LMPS)

# SAFETY LABEL COMPLIANCE

The following labels were designed by LMPS with the aid of ANSI Z535. One of the design steps in the creation of any precautionary label is the determination of the appropriate safety alert symbol and signal word for that label. To aid the reader in understanding the concept and the importance of the symbol and signal word, the following has been excerpted from ANSI Z535.4

## 4.10 Safety Alert Symbols

A symbol which indicates a potential personal injury hazard. It is composed of an equilateral triangle surrounding an exclamation mark. The safety alert symbol shall not be used to alert persons to property-damage-only accidents\*.



for use with DANGER signal word



for use with WARNING signal word



for use with CAUTION signal word

## 4.1 Signal Words

The meaning of different signal words as defined by ANSI Z535.6 and Z535.4 standards may be provided in collateral materials. The following artwork may be used for this purpose.



DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.



NOTICE is used to address practices not related to personal injury.

**Note:** DANGER, WARNING or CAUTION should not be considered for property damage accidents unless personal injury risk appropriate to these levels is involved. NOTICE is the preferred signal word to address practices not related to personal injury. It is the intention of the ANSI Z535 committee to eliminate the alternative of using the signal word "CAUTION" without the safety alert symbol to indicate a hazardous situation not related to personal injury in 2011 version of the standard.

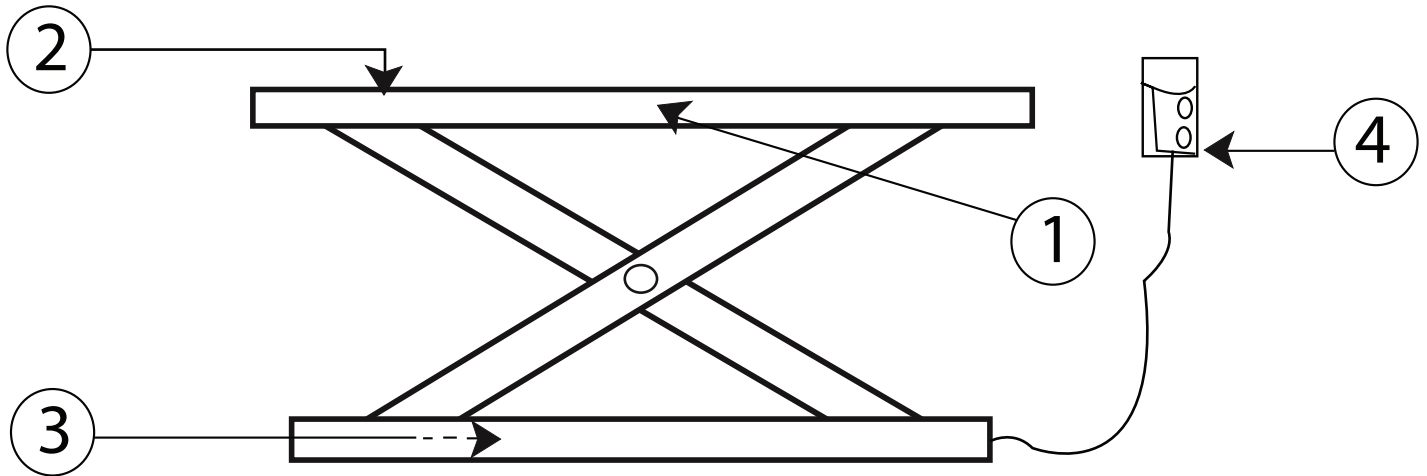
## APPLICATION INSTRUCTIONS

Proper procedures shall be used in applying these or any other labels

- (1.) Insure that the surface to which the label(s) will be applied is clean and free of dirt, dust, grease and moisture.
- (2.) If the surface is painted, insure that the paint is dry.
- (3.) Press the label on after applying it to the surface. One or more passes over the label with a sponge or rubber roller will insure that the glue is in good contact with the majority of the surface to which it is intended to adhere.

# Safety Label Placement Guidelines For Lift Tables

## A: GENERAL PURPOSE LABEL



**NOTE:** Refer to page 6/7 for decal placement instructions for lifts which are intended to lift operators as well as goods.

1



**LABEL: A-4** (6.4" Wide x 1.125" High) or **Label: B - 4**(17" Wide x 2" High)

The label is to be placed on the side edges of the lift table platform. It is suggested that smaller platforms have one label applied to each long edge. Larger platforms may require one label on each edge. Intended to warn personnel to read operating instructions before using the lift table, and to warn of possible bodily injury hazards.

# Safety Label Placement Guidelines For Lift Tables

## B: OPTIONAL, APPLICATION SPECIFIC LABELS

**NOTE:** Labels pictured below are optional for use in application specific conditions. When used, place labels as shown in diagram on page 4. This depicts typical label placement.

2



**LABEL A-1** (6.4" Wide x 1.125" High)  
or  
**Label B-1** (8" Wide x 2" High)

To be placed on the top surface of the lift table platform. Intended to warn personnel against riding on scissor lifts that are not designed for such use.

3



**LABEL A-3** (6.4" Wide x 1.125" High)  
or  
**Label B-3** (8" Wide x 2" High)

To be placed on the base frame adjacent to each maintenance device. Intended to warn service personnel to engage maintenance device before working on, and particularly under, lift table.

4

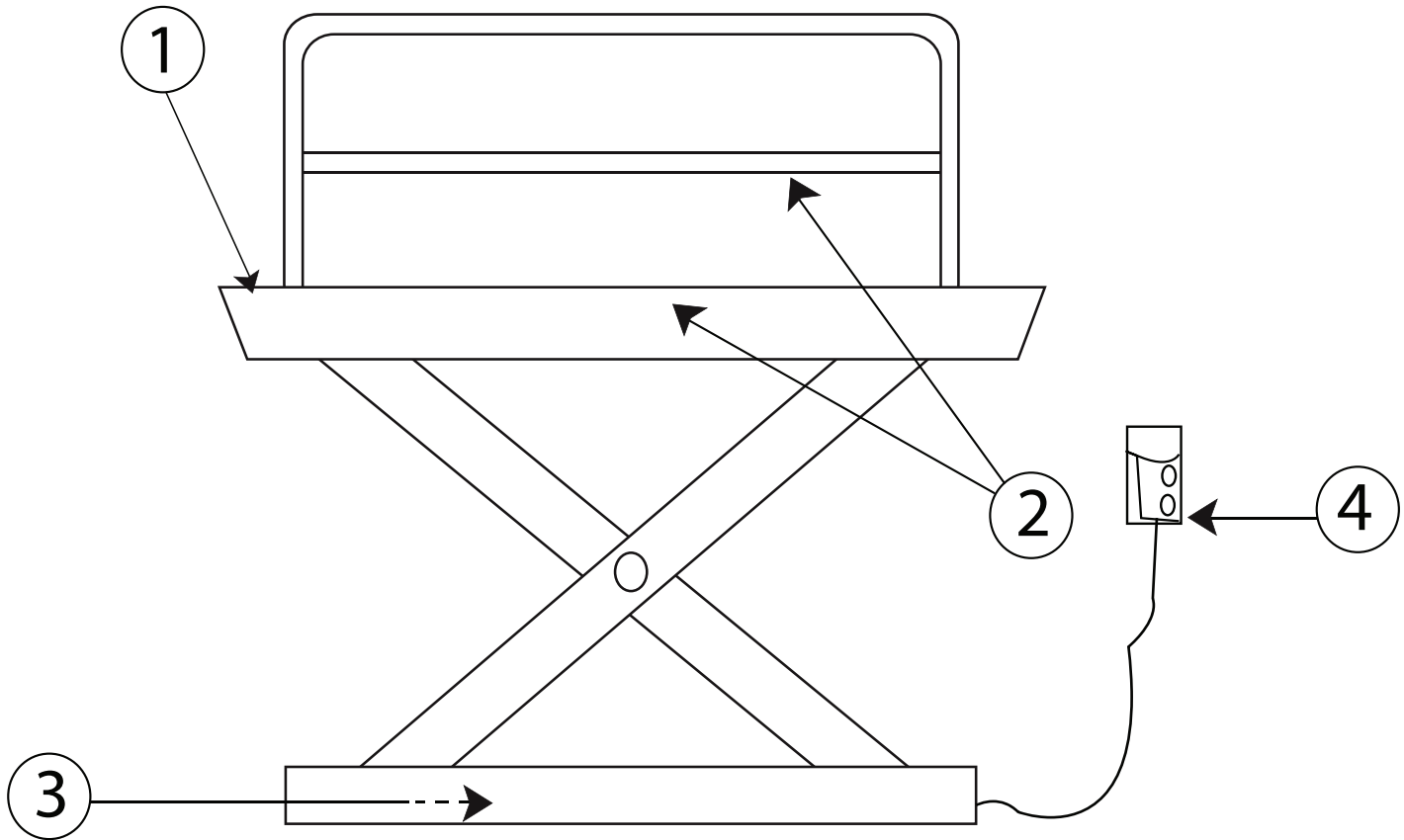


**LABEL A-5** (6.4" Wide x 1.125" High)  
or  
**Label B-5** (8" Wide x 2" High)  
or  
**Label A-6** (2" Wide x 1.5" High)

To be placed on or near the control station where up/down controls are located. Location can vary depending on type of control station used. Intended to warn personnel to stand clear while lift table is in operation.

# Safety Label Placement Guidelines For Dock Lifts

## A: GENERAL PURPOSE LABEL



**LABEL A-4** (6.4" Wide x 1.125" High) or **LABEL B-4** (17" Wide x 2" High)

The label is to be placed on the side edges of the dock lift platform. It is suggested that smaller platforms have one label applied to each long edge. Larger platforms may require one label applied to each edge. **The last image panel should be cut off and discarded when applying this label to a dock lift.** Intended to warn personnel to read operating instructions before using the dock lift to warn of possible bodily injury hazards.



# Safety Label Placement Guidelines For Dock Lifts

## B: OPTIONAL, APPLICATION SPECIFIC LABELS

**NOTE:** Labels pictured below are optional for use in application specific conditions. When used, place labels as shown in diagram on page 6. This depicts typical label placement.

2



**LABEL A-2** (6.4" Wide x 1.125" High)  
or  
**Label B-2** (8" Wide x 2" High)

To be placed on handrails or toe guards. Intended to warn personnel against using the dock lift without the guard rails that were supplied with the lift being in place.

3



**LABEL A-3** (6.4" Wide x 1.125" High)  
or  
**Label B-3** (8" Wide x 2" High)

To be placed on on the base frame adjacent to each maintenance device. Intended to warn personnel to engage maintenance device before working on, and particularly under, the dock lift.

4



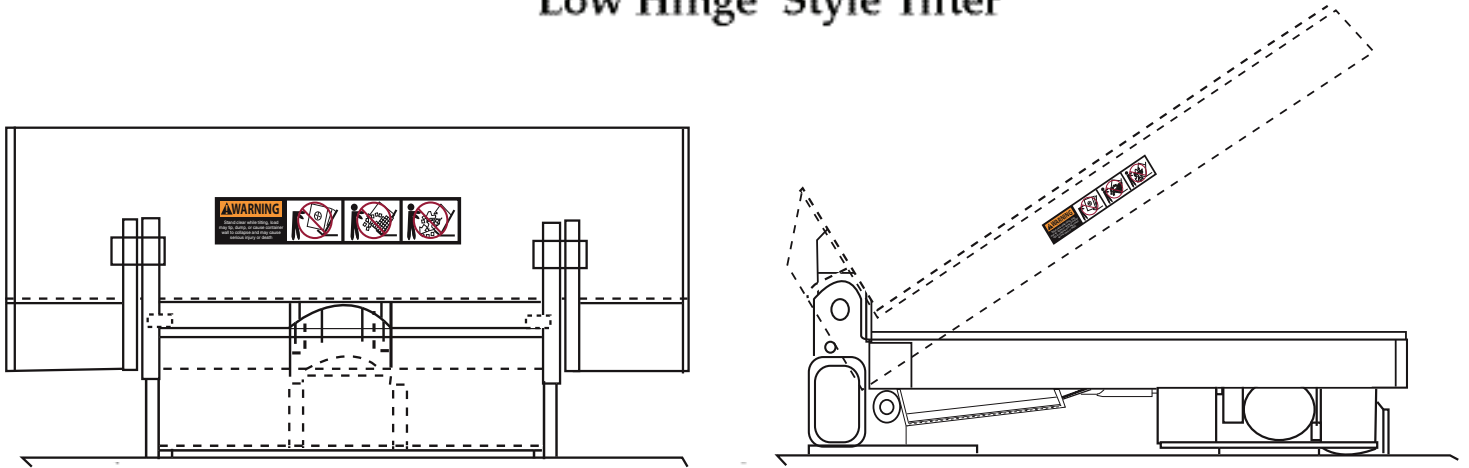
**LABEL A-5** (6.4" Wide x 1.125" High)  
or  
**Label B-5** (8" Wide x 2" High)  
or  
**Label A-6** (2" Wide x 1.5" High)

To be placed on the control station where up/down controls are located. Intended to warn personnel to stand clear while the dock lift is in operation.

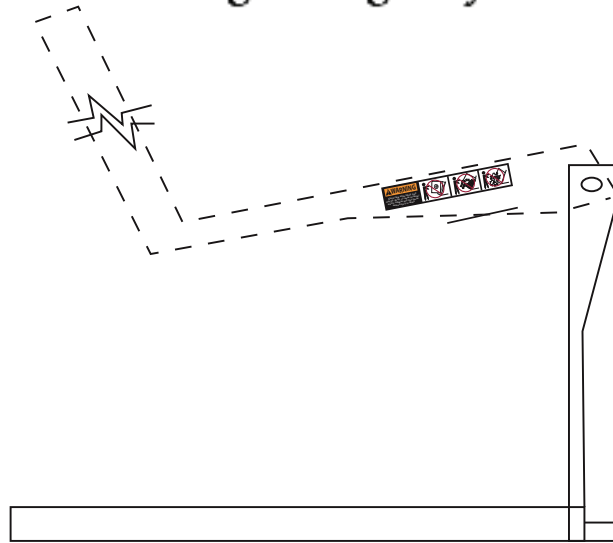
# Safety Label Placement Guidelines For Industrial Tilters

## A: LOAD SAFETY LABEL

### Low Hinge Style Tilter



### High Hinge Style Tilter



<p><b>! WARNING</b></p> <p>Stand clear while tilting, load may tip, dump, or cause container wall to collapse and may cause serious injury or death</p>			
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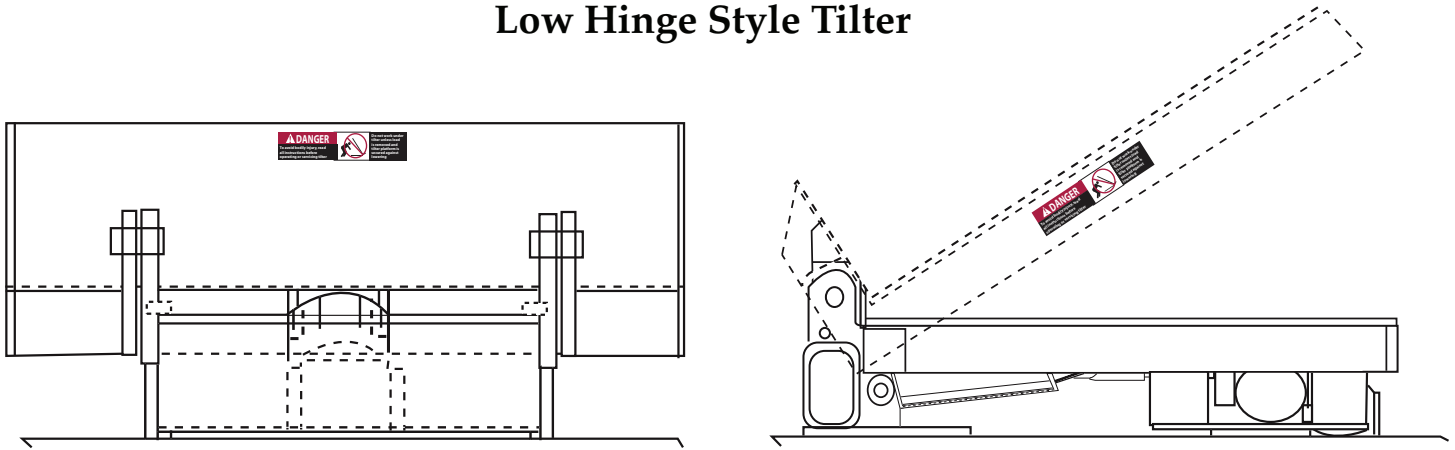
**LABEL A-7** (6.4" Wide x 1.125" High) or **LABEL B-7** (12" Wide x 2" High)

The label is to be placed on the side edges of the tilters platform. It is suggested that smaller tilters have one label applied to each long edge. Larger tilters may require one label on each edge. Intended to warn personnel of possible bodily injury hazards.

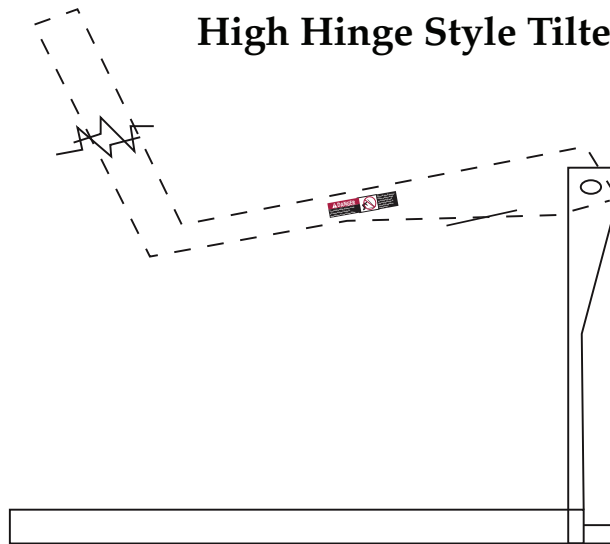
# Safety Label Placement Guidelines For Industrial Tilters

## B: MAINTENANCE SAFETY LABEL

### Low Hinge Style Tilter



### High Hinge Style Tilter



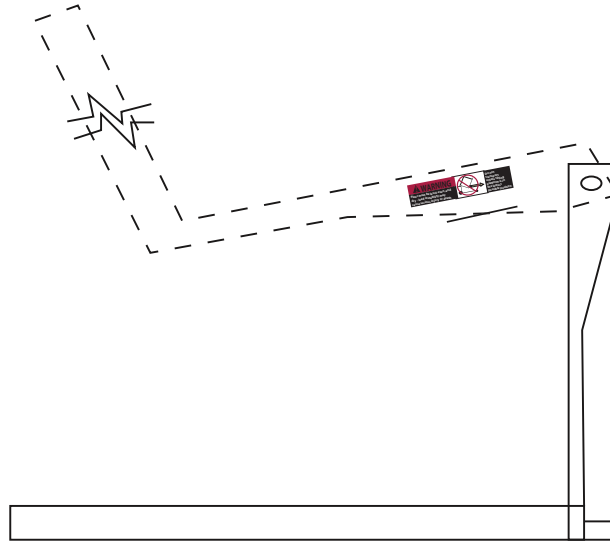
**LABEL A-10** (8" wide x 2" high) or **LABEL B-10** (4.5" wide x 1.125" high)

The label is to be placed on the side edges of the tilters platform. It is suggested that smaller tilters have one label applied to each long edge. Larger tilters may require one label on each edge. Intended to warn personnel to read operating instructions before using the tilter, and to warn against bodily injury due to improper platform blocking during inspection or maintenance.

# Safety Label Placement Guidelines For Industrial Tilters

## C: PORTABILITY SAFETY LABEL

### High Hinge Style Tilter



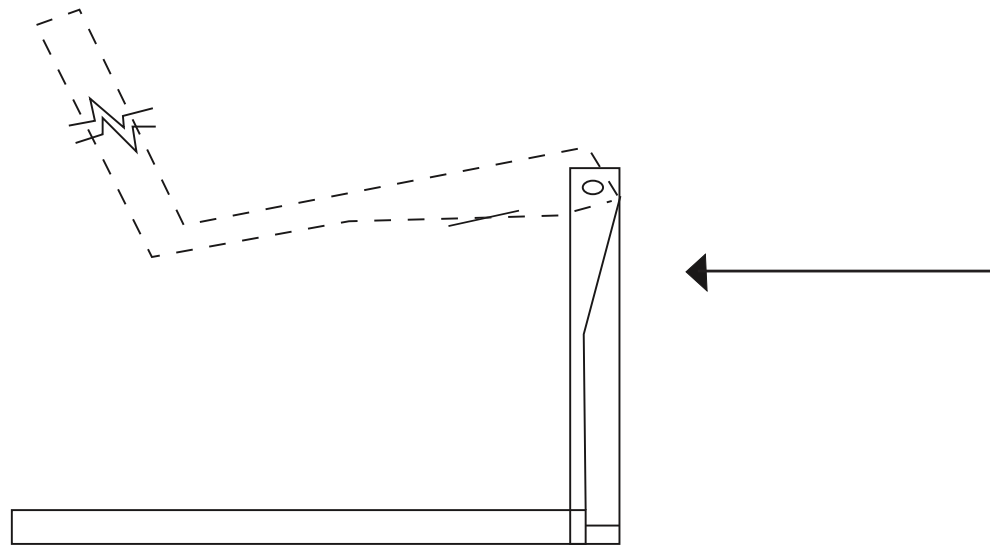
**LABEL A-11** (8" wide x 2" high) or **LABEL B-11** (4.5" wide x 1.125" high)

The label is to be placed on the side edges of the tilter platform. It is suggested that smaller tilters have one label applied to each long edge. Larger tilters may require one label on each edge. Intended to warn personnel against bodily injury due to unsafe load orientation and/or unsafe floor conditions.

# Safety Label Placement Guidelines For Industrial Tilters

## D: BATTERY SAFETY LABEL

### High Hinge Style Tilter

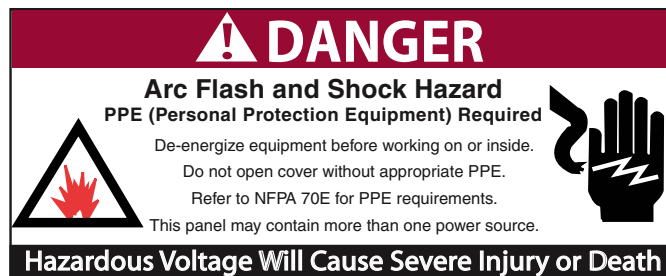
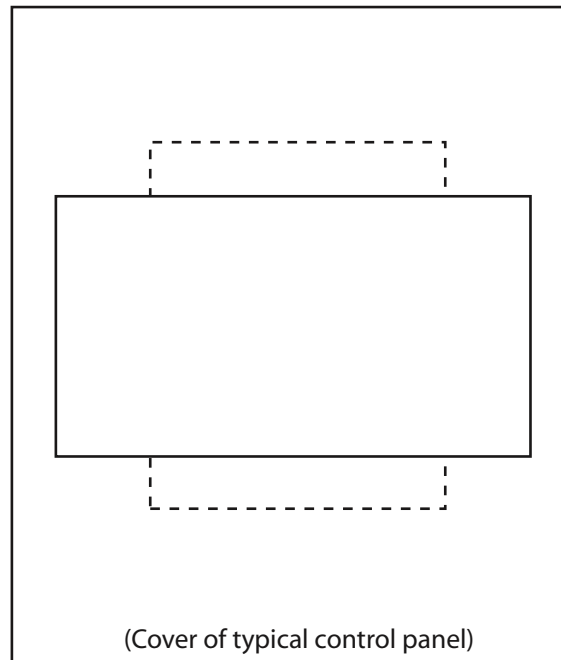


**LABEL A-12** (5" wide x 3.5" high) or **LABEL B-12** (3" wide x 2.125" high)

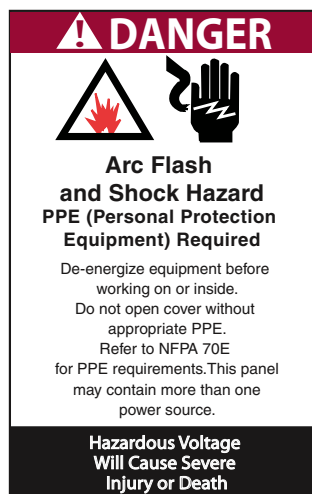
The label is to be placed on or near the battery, or on any guarding placed around the battery. It is suggested that one label be used per battery. Intended to warn personnel against bodily injury due to unsafe handling of batteries

# Safety Label Placement Guidelines For Industrial Lifts & Tilters

## A: ELECTRICAL SAFETY LABEL



LABEL: A-8 (3" Wide x 1.50" High)  
OR  
LABEL: B-8 (6" Wide x 3" High)



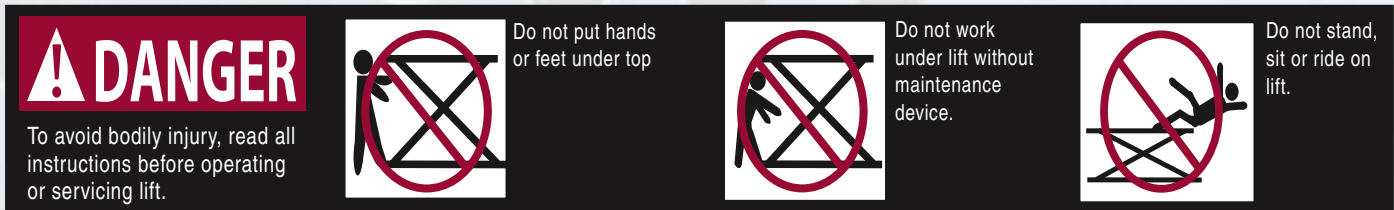
LABEL: A-9 (1.50" Wide x 3" High)  
OR  
LABEL: B-9 (3" Wide x 6" High)

The label is to be placed on the front covered face of all electrical enclosures which contain contact devices (i.e., motor starters, controllers, disconnects, relays, etc.) The larger panels and the shape of the panel should dictate which of the four labels is most appropriate. Intended to warn personnel of both electrical and arc flash hazards.

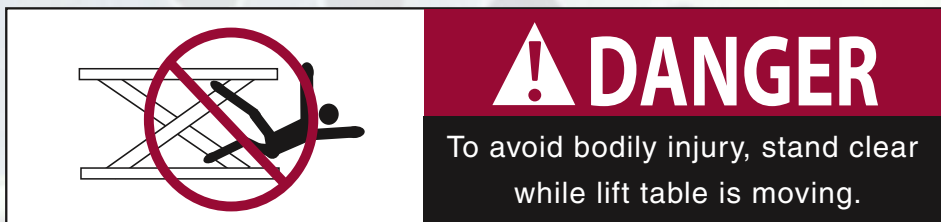
# Danger Labels



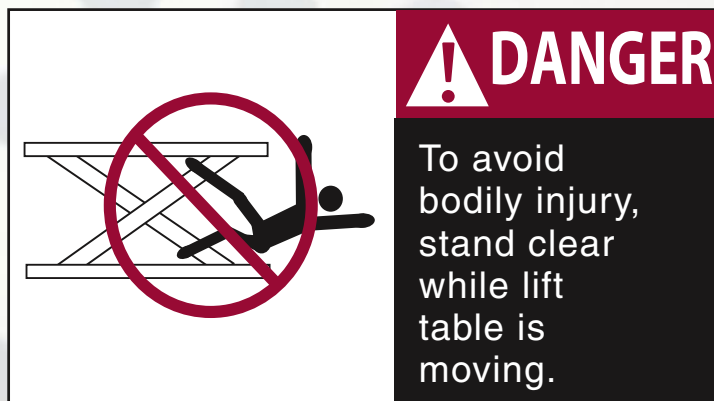
**LABEL: A-3**  
(6.4" Wide x 1.125" High)



**LABEL: A-4**  
(6.4" Wide x 1.125" High)



**LABEL: A-5**  
(6.4" Wide x 1.125" High)

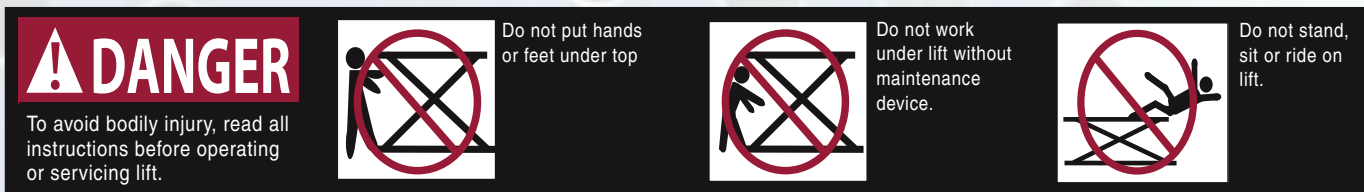


**LABEL: A-6**  
(2" Wide x 1.5" High)

# Danger Labels



**LABEL: B-3**  
(8" Wide x 2" High)



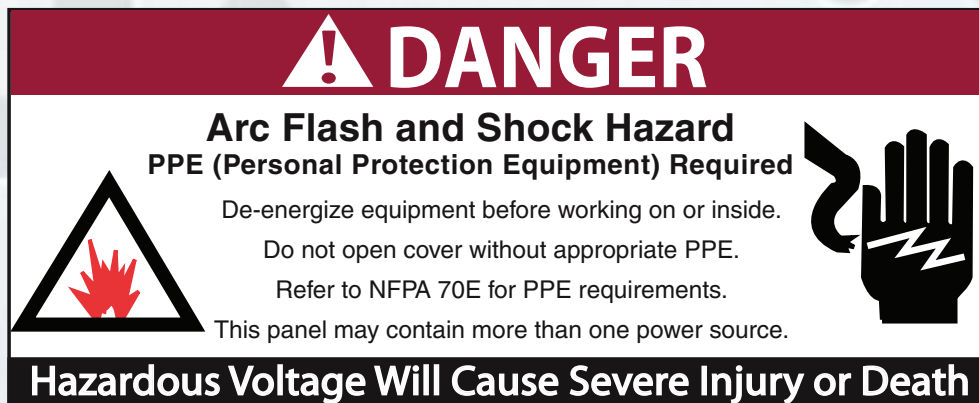
**LABEL: B-4**  
(17" Wide x 2" High)



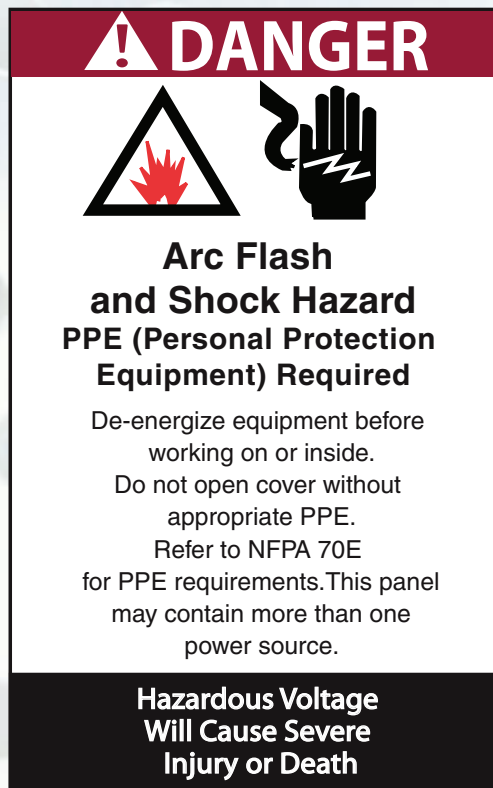
**LABEL: B-5**  
(8" Wide x 2" High)



# Danger Labels



LABEL: A-8 (3" Wide x 1.50" High) or LABEL: B-8 (6" Wide x 3" High)



LABEL: A-9 (1.50" Wide x 3" High) or LABEL: B-9 (3" Wide x 6" High)

# Danger Labels

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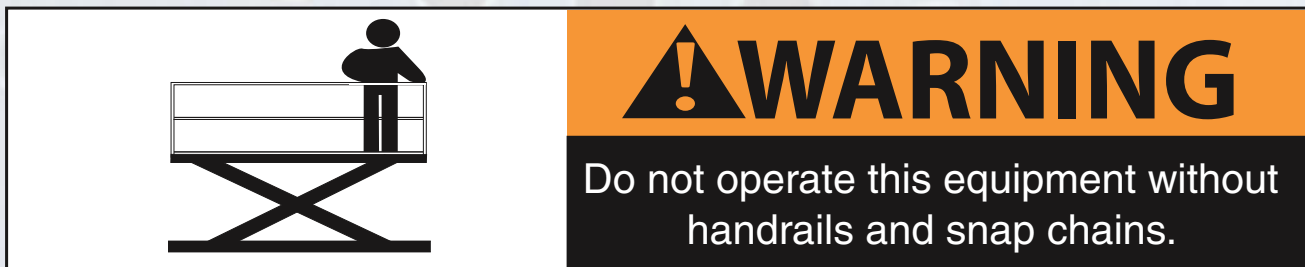


**LABEL A-10** (8" wide x 2" high) or **LABEL B-10** (4.5" wide x 1.125" high)

# Warning Labels



**LABEL: A-1**  
(6.4" Wide x 1.125" High)



**LABEL: A-2**  
(6.4" Wide x 1.125" High)



**LABEL: B-1**  
(8" Wide x 2" High)

# Warning Labels



**LABEL: B-2**  
(8" Wide x 2" High)



**LABEL: A-7**  
(6.4" Wide x 1.125" High) or Label B-7 (12" Wide x 2" High)

# Warning Labels

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LABEL A-11 (8" wide x 2" high) or LABEL B-11 (4.5" wide x 1.125" high)

# Caution Labels

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**LABEL A-12** (5" wide x 3.5" high) or **LABEL B-12** (3" wide x 2.125" high)



**A product section of Material Handling Industry of America**

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**LMPS-Aug 2010**