

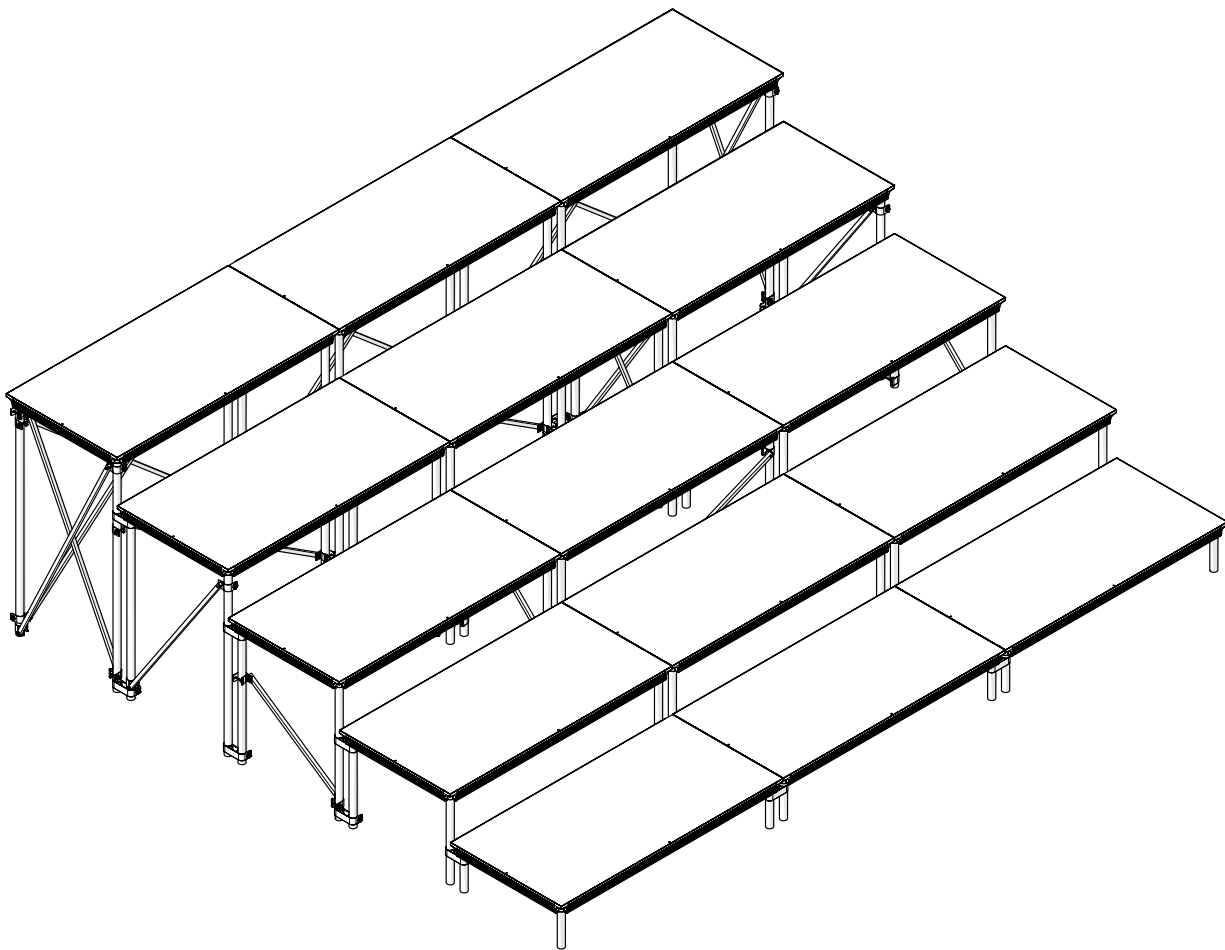


General Bracing Guidelines StageTek® Tiered Riser System

Basic Instructions only!
For more detailed product information, refer to the StageTek Staging System Owner's Manual 280A099.

⚠ CAUTION
Make sure anyone assembling, installing or using this product has read and understands these instructions.

⚠ CAUTION
Failure to comply with Warnings and Cautions in this document or on the equipment can result in damage to property or serious injury.



Visit the StageTek Staging System web page at wengercorp.com for more information.

Note: Please read and understand these instructions before proceeding.
Note: If you need additional information, contact Wenger Corporation using the information below.

Overview

- These guidelines are typical for free standing platform applications and are based on IBC codes.
- StageTek has a superior leg attachment design which allows for less bracing for most uses.

The feeling of stability may be reduced at greater elevations.

This is a factor of elevation height, the type of system, how the platforms are connected together, the number of decks connected and their configuration (matrix).

- Decks with leg to leg clamps (or cam locks) are more stable.

Also, the larger the matrix (decks wide x decks deep) the more stable a system will feel.

- Stabilizers must be installed in a diagonal orientation.

Select and place stabilizers so that they connect within 8" (203 mm) from the top of the leg at one end and within 8" (203 mm) from the bottom of the leg on the other end.

Stabilizers > 96" (2438 mm) long must be used as an "X" brace.

Stabilizer kits are available in sizes based on the length of the deck edge and the elevation.

Center them on the exposed legs vertically.

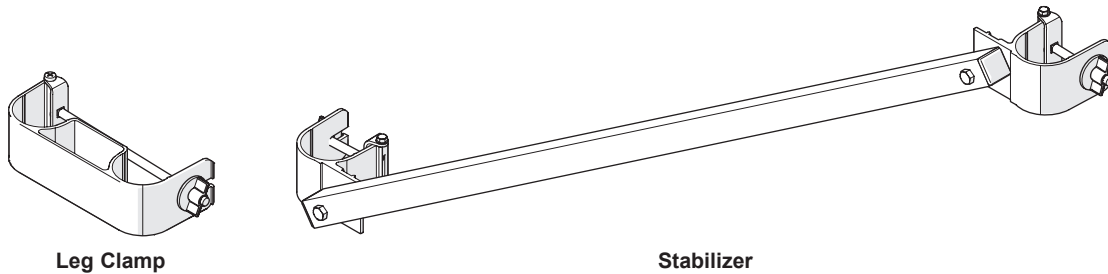
It is best to have the bottom of corner legs on a system to be braced to the top side of adjacent legs on the corner platforms.

Leg clamps or cam locks are preferred, but straps are acceptable at low elevations.

- At higher elevations leg clamps should be used both high and low between adjacent platform legs.

** These are general guidelines only, we can not cover all possible layout configurations.

It is the customer's responsibility to ensure that the stage is safely braced and ready to accommodate the type of activity planned. When in doubt, error on the safe side and contact Wenger Corporation for advice.



Application

Elevation: Up to 40" tall (1016 mm) deck(s)

Quantity of decks: 1 or more

Where to apply stabilizers: Not required.

Where to apply leg clamps: Between adjacent legs around perimeter just below deck frame and between adjacent legs inside the matrix at every other intersection just below deck frame.

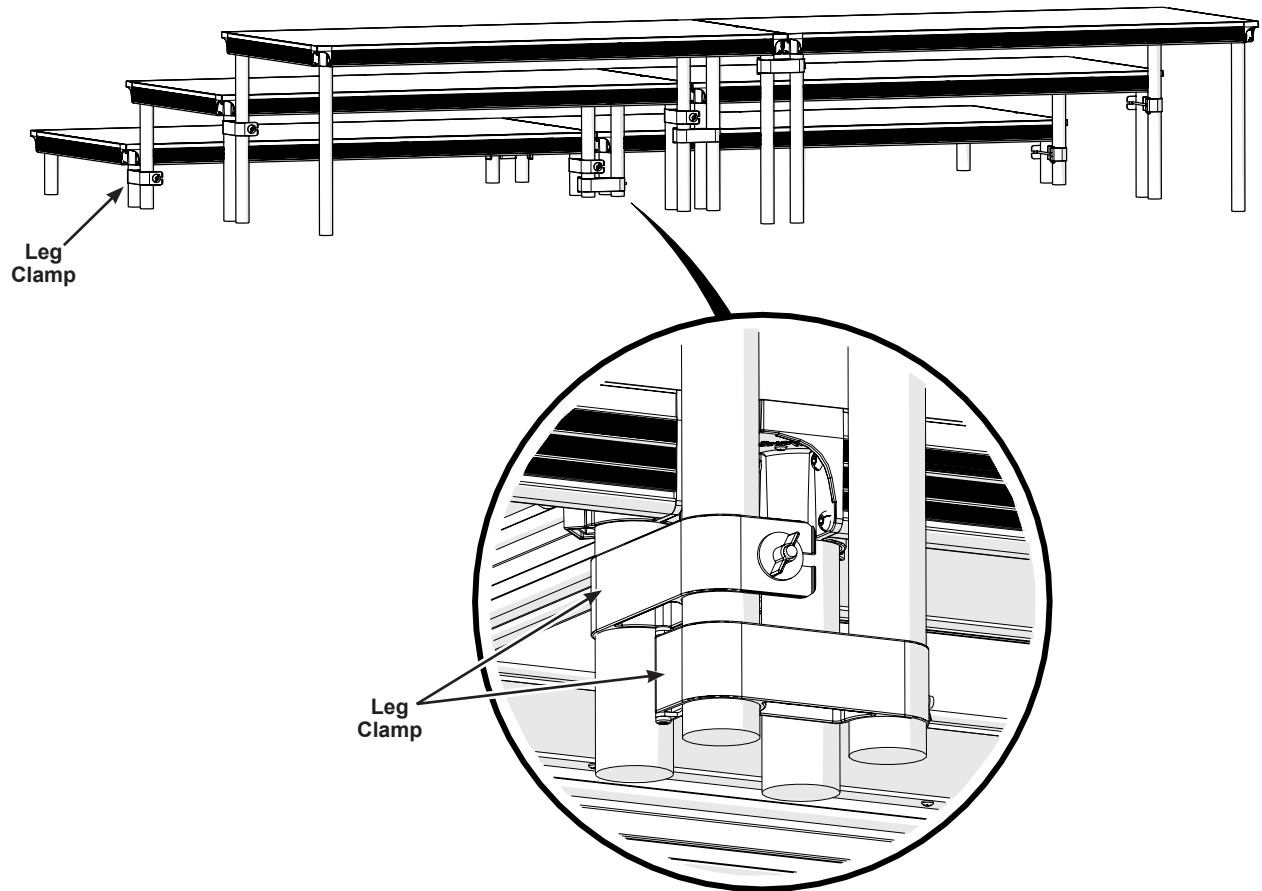


Illustration A

Application

Elevation: 41" - 60" tall (1041 - 1524 mm) deck(s)

Quantity of decks: 1 or more

Where to apply stabilizers: Corner decks at the highest elevation, every other perimeter bay down to 40" (1016 mm) elevation, and every other bay inside the matrix in both axes above 40" (1016 mm) elevation.

Where to apply leg clamps: Between adjacent legs around perimeter just below deck frame and between adjacent legs inside the matrix at every other intersection just below deck frame.

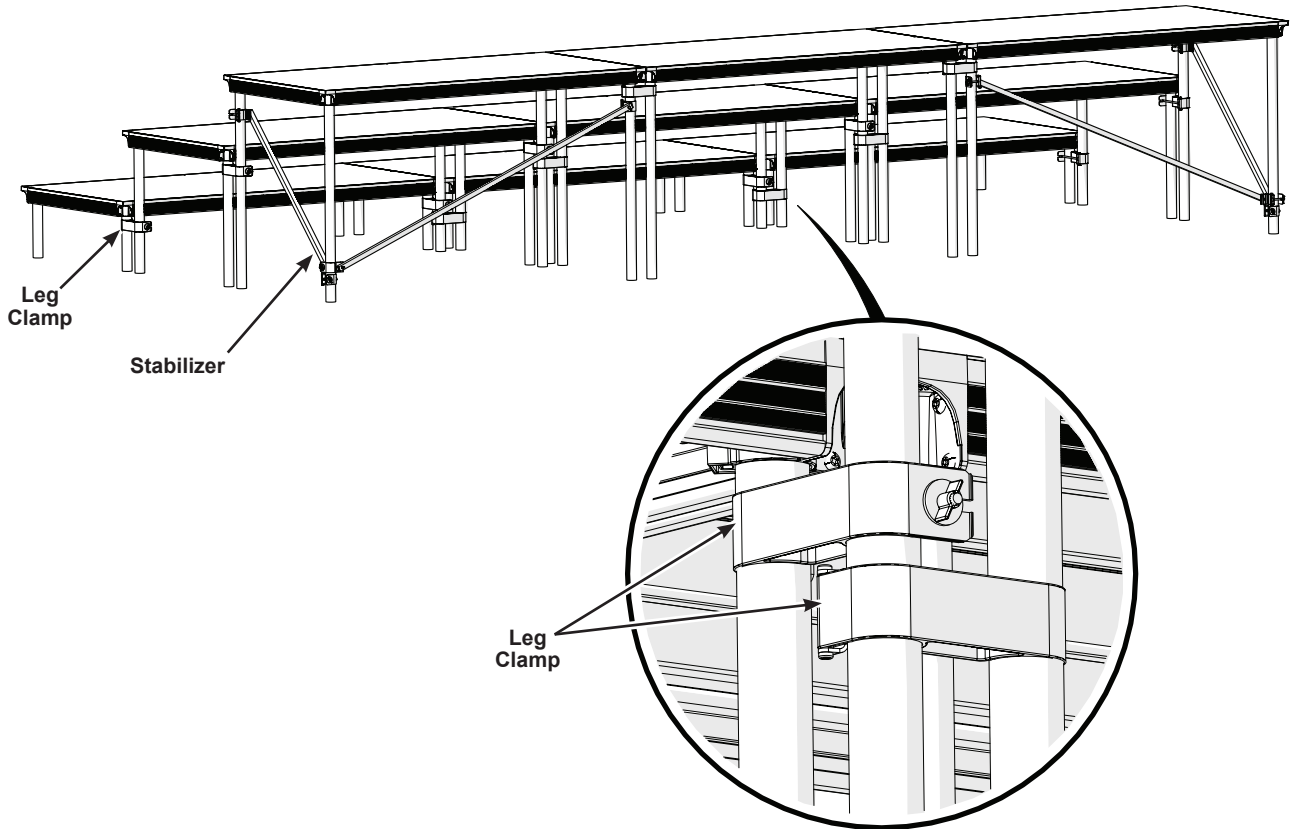


Illustration B

Application

Elevation: 61" - 80" tall (1549 - 2032 mm) deck(s)

Quantity of decks: 1 or more

Where to apply stabilizers: Single diagonal on every deck above 40" (1016 mm) on back and sides of matrix, and every other bay inside the matrix in both axes above 40" (1016 mm) elevation.

Where to apply leg clamps: Between adjacent legs around perimeter just below deck frame and near bottom and between adjacent legs inside the matrix at every other intersection just below deck frame and near bottom.

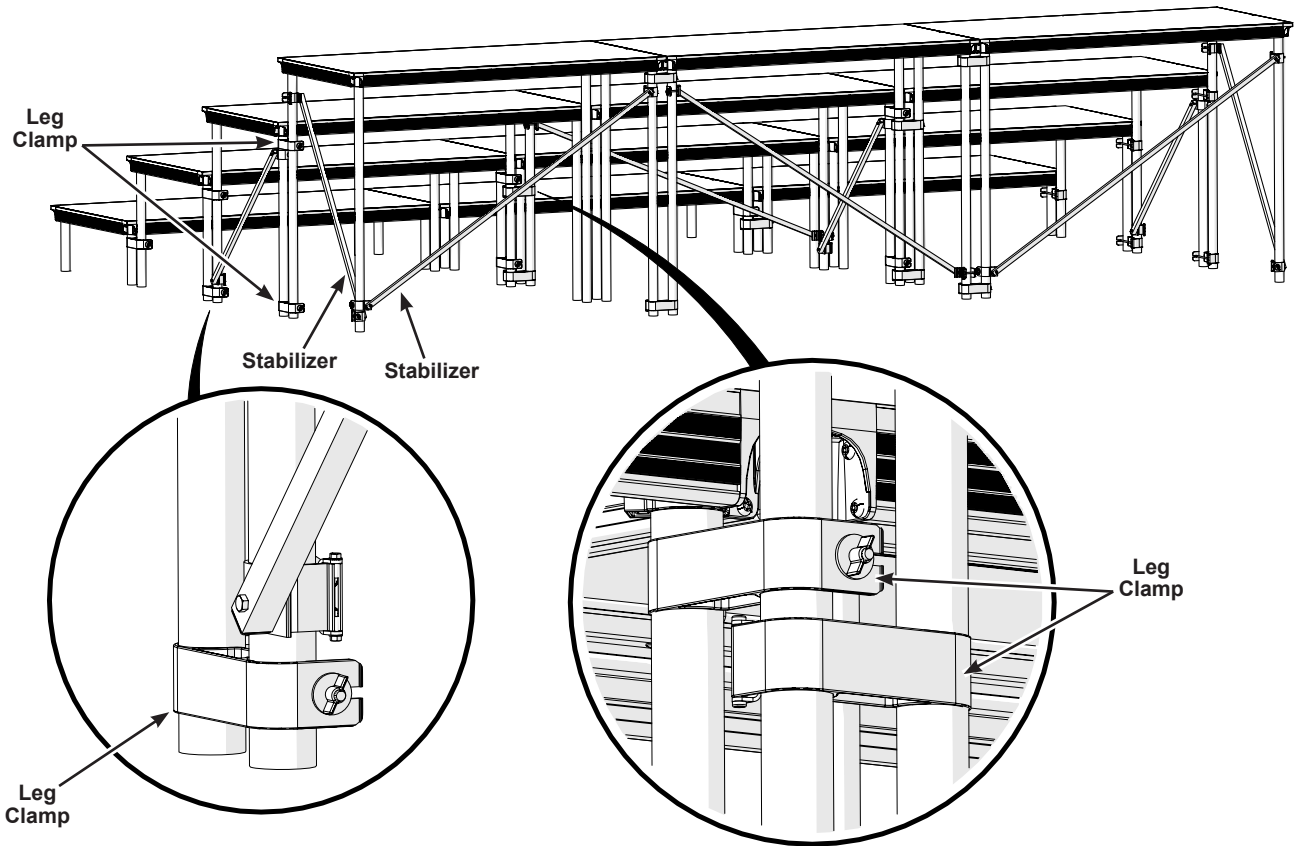


Illustration C

Application

Elevation: 81" - 100" tall (2057 - 2540 mm) deck(s)

Quantity of decks: 1 or more

Where to apply stabilizers: Single "X" brace on every deck above 80" (2032 mm) on back and sides of matrix, single diagonal on every deck above 40" (1016 mm) up to 80" (2032 mm) on sides of matrix, and every other bay inside the matrix in both axes above 40" (1016 mm) elevation matching the perimeter bracing for that deck height.

Where to apply leg clamps: Between adjacent legs around perimeter just below deck frame and near bottom and between adjacent legs inside the matrix at every other intersection just below deck frame and near bottom.

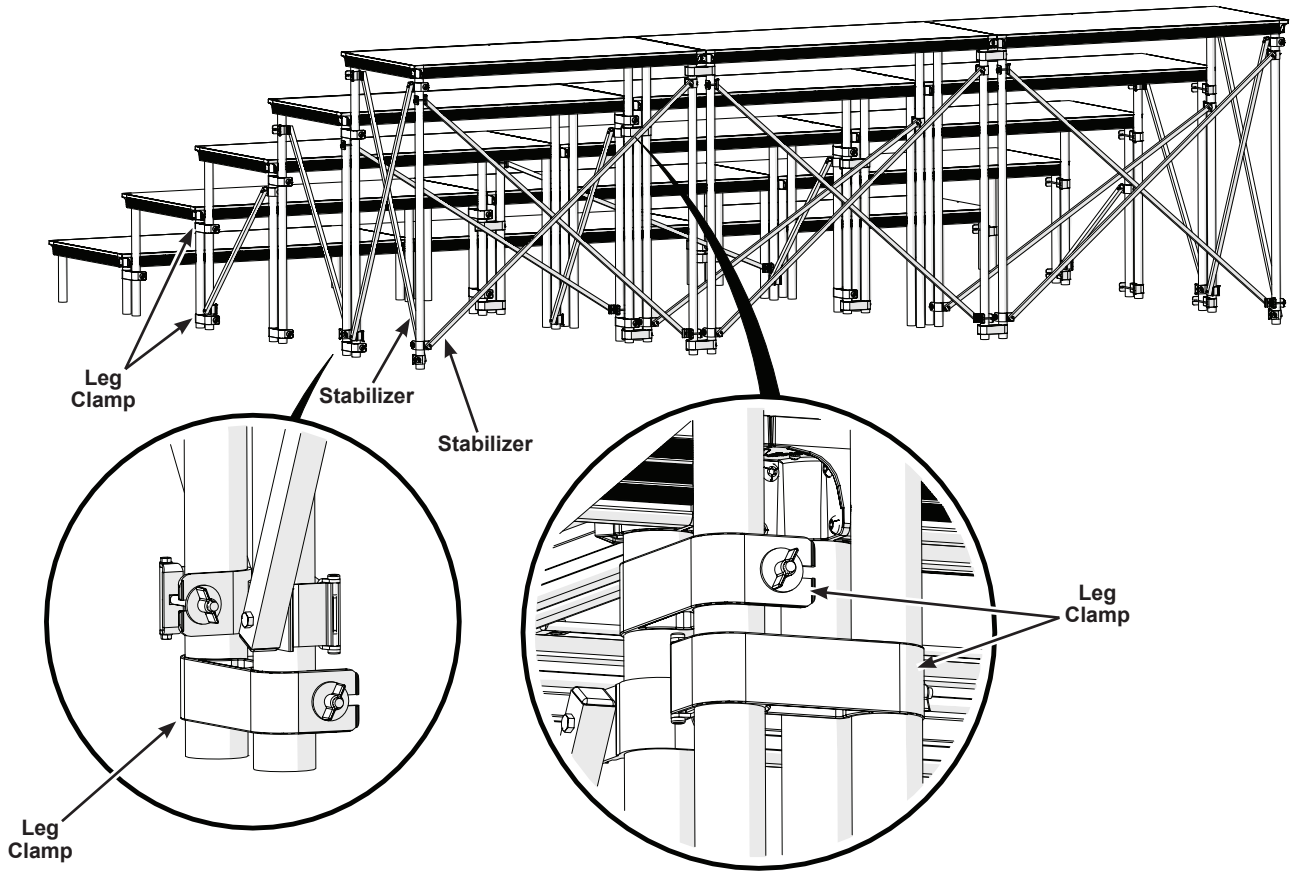


Illustration D

Application

Elevation: 101" - 120" tall (2565 - 3048 mm) deck(s)

Quantity of decks: 1 or more

Where to apply stabilizers: Dual "X" brace on every deck above 100" (2540 mm) on back and sides of matrix, single "X" brace on every deck above 80" (2032 mm) up to 100" (2540 mm) on sides of matrix, single diagonal on every deck above 40" (1016 mm) up to 80" (2032 mm) on sides of matrix, and every other bay inside the matrix in both axes above 40" (1016 mm) elevation matching the perimeter bracing for that deck height.

Where to apply leg clamps: Between adjacent legs around perimeter just below deck frame and near bottom and between adjacent legs inside the matrix at every other intersection just below deck frame and near bottom.

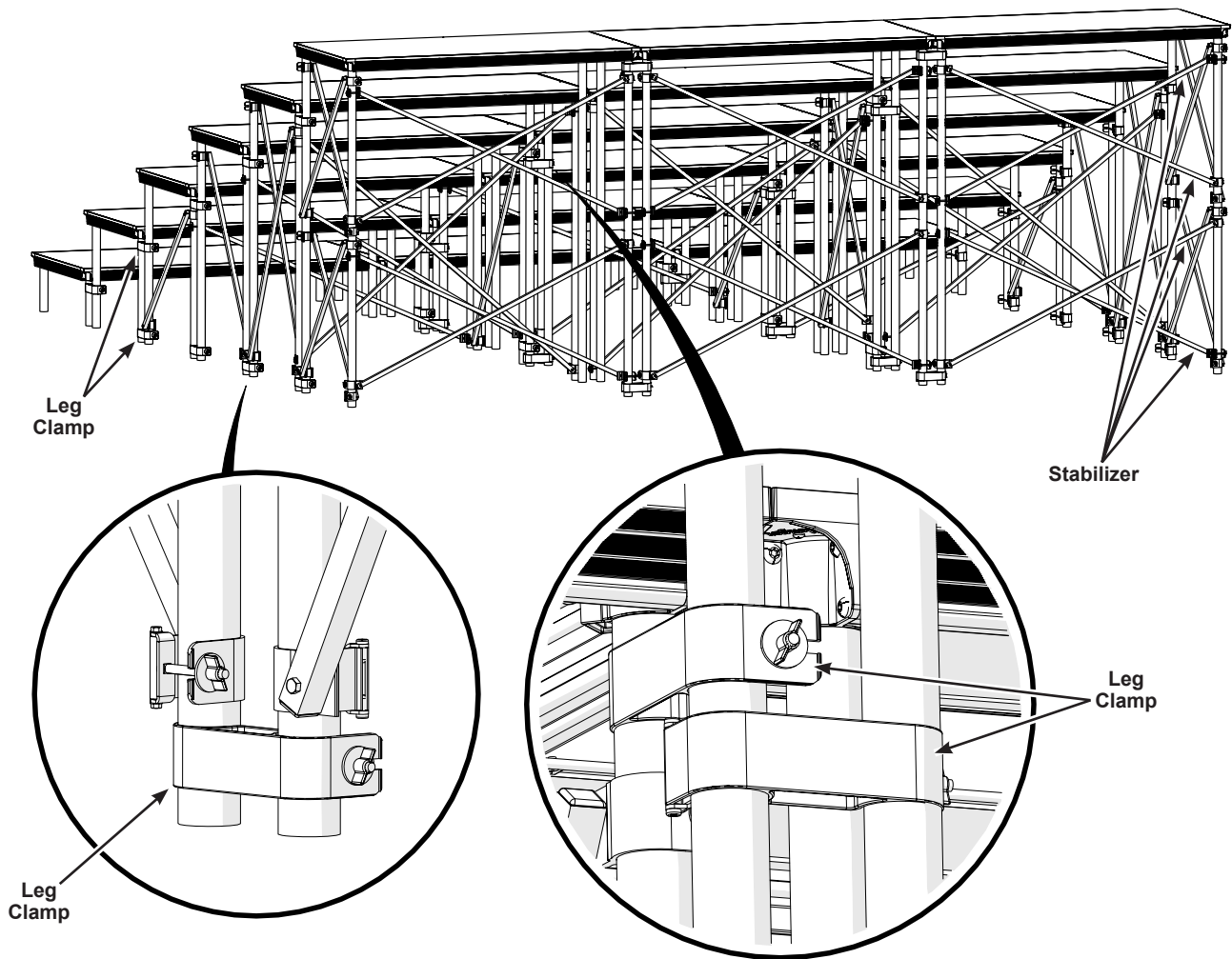


Illustration E

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