Technical Sheet

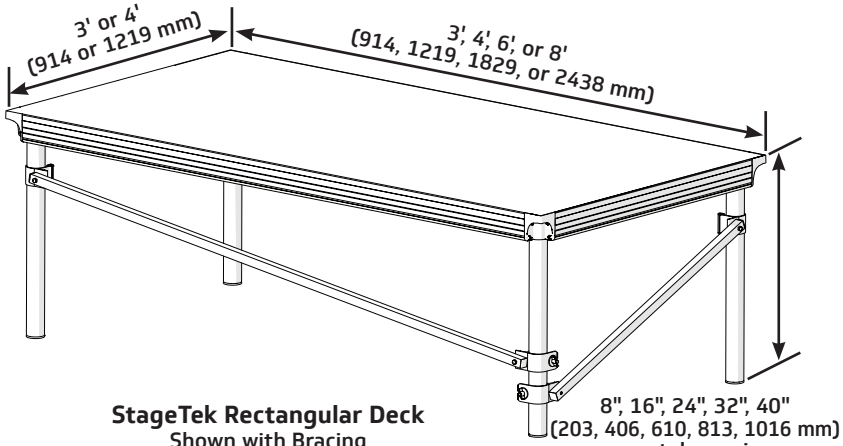
# StageTek® Staging System

Wenger® CORPORATION

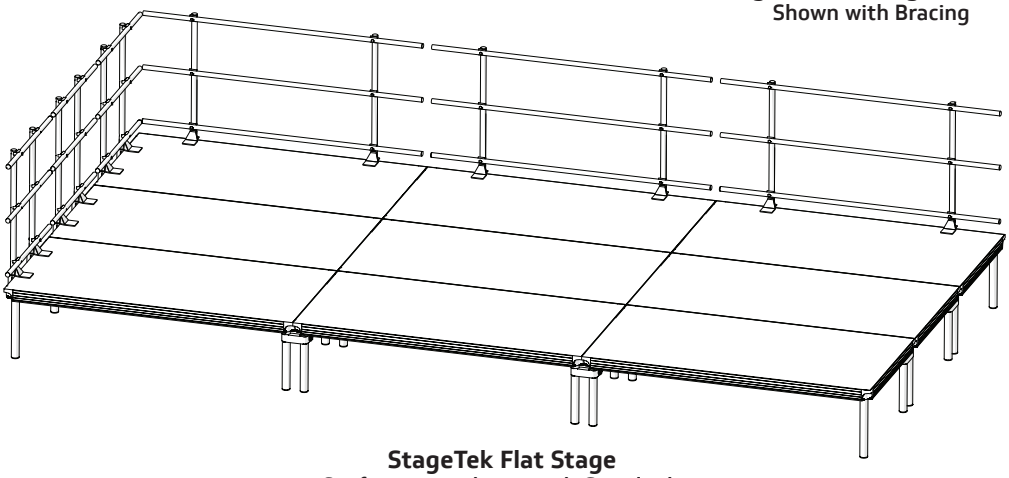
StageTek is a highly flexible design and can be used to accommodate many unique and custom applications. Please contact your Wenger Representative to discuss your needs.

### System Description

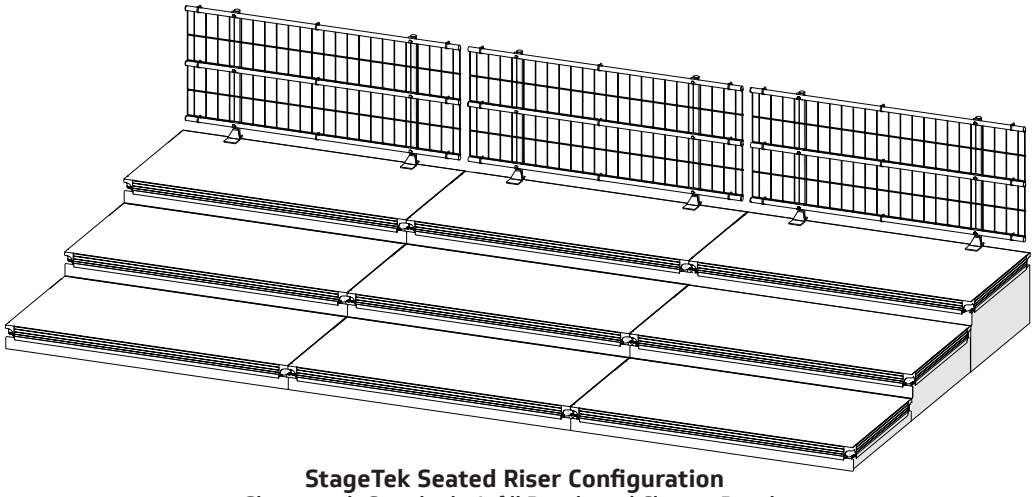
- 280A200._ Rectangular decks are available in the following sizes:
  - 3' x 3' (914 x 914 mm): 37 lb (17 kg)
  - 3' x 6' (914 x 1829 mm): 65 lb (29 kg)
  - 3' x 8' (914 x 2438 mm): 87 lb (39 kg)
  - 4' x 4' (1219 x 1219 mm): 59 lb (27 kg)
  - 4' x 6' (1219 x 1829 mm): 85 lb (39 kg)
  - 4' x 8' (1219 x 2438 mm): 107 lb (49 kg)
- Pie shaped and custom decks are available
- Ten-year warranty



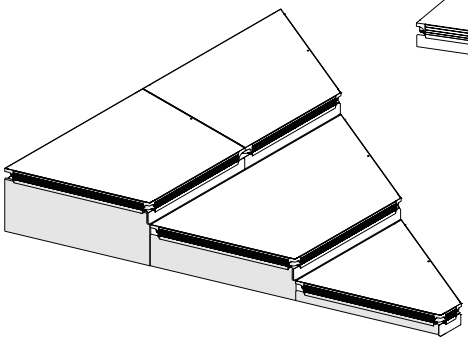

**StageTek Rectangular Deck**
Shown with Bracing



**StageTek Flat Stage**
Configuration shown with Guardrails



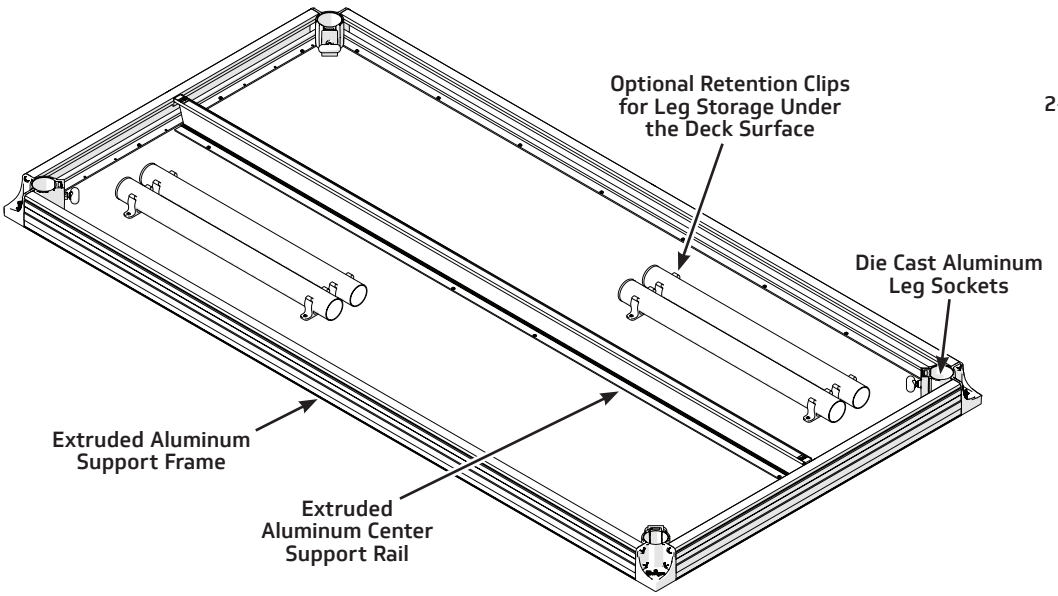
**StageTek Seated Riser Configuration**
Shown with Guardrails, Infill Panels and Closure Panels



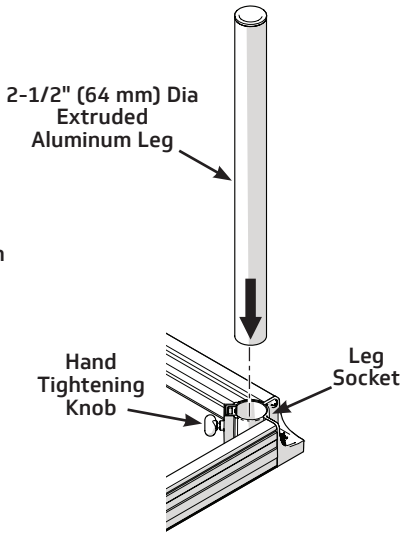
**StageTek Seated Riser Configuration**
With Pie Shaped Decks and Closure Panels

**Features**

- Platform decks are 3/4" (19 mm) thick and constructed of Group I veneer plywood with a protective laminate on both sides
- Surface options:
  - Black Standard (Cracked Ice Polypropylene): A slip resistant overlay recommended for general multi-purpose
  - Black Versalite-Match (Moroccan): A slip resistant overlay that will match Wenger Versalite decks
  - Black Heavy-Duty (Quadripple): An aggressive textured overlay for applications requiring greater slip resistance
  - Natural or Painted Hardboard: A 1/2" (13 mm) plywood bonded between two faces of 1/8" (3 mm) tempered hard-ply
  - Carpeted: Manufacturer's standard grey carpet over a 5/8" (16 mm) plywood core (contact Wenger for a sample)
  - Carpet Ready: A 5/8" (16 mm) plywood core ready to receive carpet surface
  - Black powder-coat paint finish is available for the deck surface, frame and legs (not telescopic legs)
- Dynamic impact loading: 10,000 cycles of 400 lb-force (181 kg-force) at six locations per 4' x 8' (1219 x 2438 mm) rectangular deck
- StageTek load ratings as measured on a 4' x 8' (1219 x 2438 mm) rectangular deck:
  - Standard uniform live load for decks with 4 legs: 125 lbf/ft² (6 kN/m²), meets L/75 deflection criteria
  - Heavy duty uniform live load for decks with 5th leg (as needed or smaller deck): 150 lbf/ft² (7.2 kN/m²), meets L/180 deflection criteria
  - Heavy duty uniform live load for decks with no 5th leg, added stiffener(s): 150 lbf/ft² (7.2 kN/m²), meets L/180 deflection criteria
  - Lateral live side load: 12 lbf/ft² (0.6 kN/m²) based on deck top surface area, meets IBC code
  - Caster load: 300 lb (136 kg) applied via 2" (51 mm) diameter by 2" (51 mm) wide flat rubber wheel with no appreciable surface deformation
  - Concentrated load: 500 lb (227 mm) on a single 6" x 6" (152 x 152 mm) square area per deck
- Standard rectangular decks feature spaces under each platform unobstructed by folding frames or braces allowing for easy storage/stowage space under the system
- Frame and edging are fabricated from 4" (102 mm) tall aluminum extrusion; extrusion is designed with a slight recess for hook and loop skirting attachment and also features notches hidden on the inside of the frame to accept accessory attachments
- Decks feature fully replaceable components including corners, frame, and wood deck; replaceable in the field with common tools
- An aluminum extrusion center support rail is featured on deck sizes:
  4' x 8' (1219 x 2438 mm), 4' x 6' (1219 x 1829 mm) and 3' x 8' (914 x 2438 mm)
- The frame is designed for safer, easier handling and features rounded contours ergonomically sized for a secure power grip (closed grip)
- Standard unit-to-unit connectors are leg-to-leg connections of adjacent decks; additional connectors are available depending on the staging application
- Leg braces are available to provide additional stability



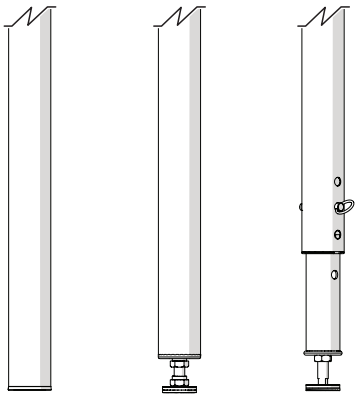

**StageTek Typical Staging Unit**




**Leg and Socket Detail**

## Leg Options

- Available leg options include fixed height, adjustable height and telescopic
- Standard rectangular decks have four die cast aluminum leg sockets; legs are quickly secured without tools by just rotating the knob
- Standard legs are fabricated from 2-1/2" (64 mm) diameter aluminum extrusions and are finished with non-marring cap;available in lengths that result in the following deck heights: 8" (203 mm), 16" (406 mm), 24" (610 mm), 32" (813 mm) and 40" (1016 mm)
- Adjustable telescopic legs feature a threaded leveling foot finished with a rubber pad and non-rattling telescopic adjustment secured with a quick-release pin and jam nut; available in lengths that result in the following deck heights: 16"-28" (406-711 mm), 24"-40" (610-1016 mm) and 30"-54" (762-1372 mm)
- Black powder-coat paint finish is available for fixed height legs and adjustable height legs; not available for telescopic legs
- Custom leg sizes are available

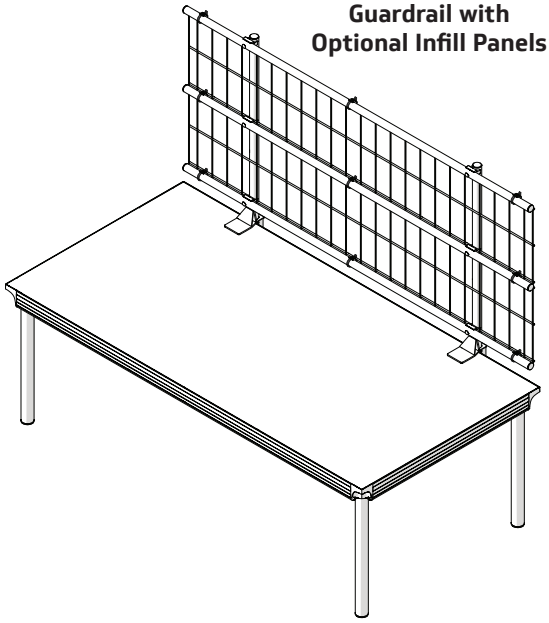


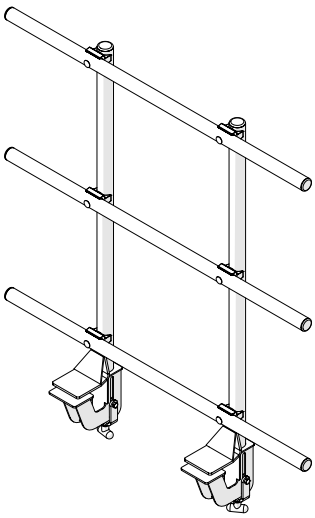
**Fixed Height Leg** **Adjustable Height Leg** **Telescopic Leg**

## Guardrails

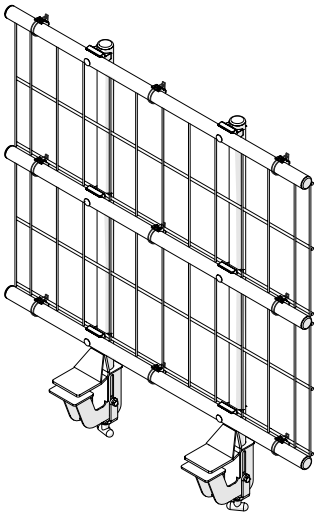
- Guardrails comply with IBC code requirements for loading
- Guardrails can function as a chair stop
- Guardrails are 42" (1067 mm) high with a black powder-coat paint finish
- Guardrails clamp to the stage deck without the need for tools
- Standard Guardrails
  - Feature two uprights and three cross bars; optional infill panels can be added that comply with the IBC 4" (102 mm) sphere code
  - 3' (914 mm) 40 lb (18 kg)
  - 4' (1219 mm) 44 lb (20 kg)
  - 6' (1829 mm) 50 lb (23 kg)
  - 8' (2438 mm) 55 lb (25 kg)
- Round Picket Guardrails
  - Feature 3/4" (19 mm) round vertical pickets that comply with the IBC 4" (102 mm) sphere code
  - 3' (914 mm) 41 lb (19 kg)
  - 4' (1219 mm) 50 lb (25 kg)

**Guardrail with Optional Infill Panels**

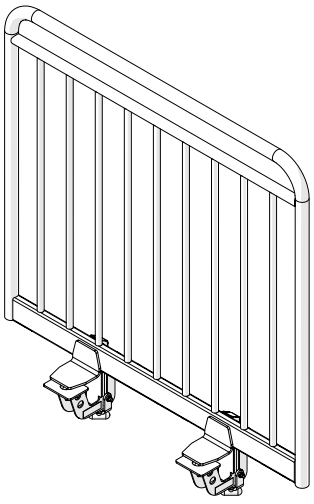




**Standard**



**Standard with Infill Panels**



**Round Picket**

Wenger® JR CLANCY GEARBOSS®

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