

STRATA® Event Staging and Tent Floor System

STRATA® is an innovative system of modular decks and aluminum beams that assembles into a stable, engineered floor or stage in either Laydown or Leveled versions.

- Laydown Floor construction uses aluminum beams resting on customer supplied 2' x 4' or 2' x 2' (610 x 1219 or 610 x 610 mm) wood boards in parallel rows to support decks on fairly level ground
Placing wood shims under the wood boards levels the floor
- Leveled Floor construction uses aluminum beams erected in parallel rows on eight-foot or six-foot centers to support decks on even or uneven ground. The aluminum beams rest on telescoping legs that allow leveling of the floor
- Finished Decks and Plywood Decks are interchangeable and can be used with Leveled Floors and Laydown Floors
- Five-year warranty

Intended Use

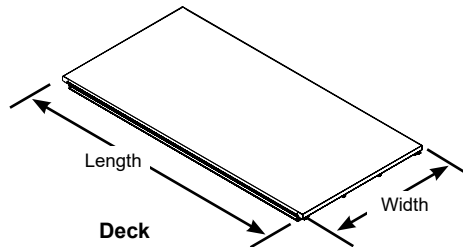
- STRATA Event Staging and Tent Floor is intended to be set up inside or outside in fair weather conditions
- STRATA components can be stored inside or outside and resist the effects of weather and salty environments
- Staging height can be constructed from 7" (178 mm) to a maximum height of 10' (3048 mm)
Diagonal bracing is required for all stages higher than 24" (610 mm)
Cross bracing is required for all stages higher than 48" (1219 mm)
- Pass-through openings and holes can be cut into deck surfaces

Finished and Plywood Deck Specification

- Standard system meets a vertical live load of 150 psf (732 kg/per sq meter)
- Dynamic Live Load: Side load of 15% of total Uniform Live Load which equals 720 lb (327 kg) side load on a platform under a total Uniform Live Load of 4,800 lb (2177 kg)
- Point Load Rating (will not leave a permanent deck surface marking):
 - 1" (25 mm) diameter disk = 500 lb (227 kg)
- Finished Deck construction is a 3/4" (19 mm) Exterior grade plywood with a black, polyglass top surface and aluminum edging
The deck is weather resistant and ultra-violet stable
- Plywood Deck construction is a 3/4" (19 mm) Exterior grade, unfinished plywood sheet
- Beam frame components that support the deck surface are aluminum extrusions
- Decks are shipped ready-to-use on a shipping pallet
- Deck sizes are:

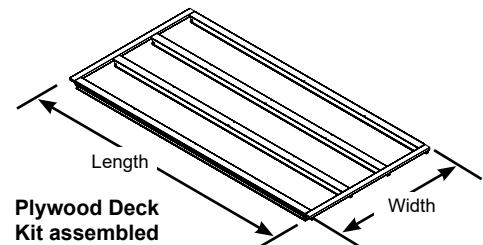
Deck Size (Length x Width)

- 8' x 4' (2438 x 1219 mm)
- 6' x 4' (1829 x 1219 mm)
- 4' x 4' (1219 x 1219 mm)
- 8' x 2' (2438 x 610 mm)
- 6' x 2' (1829 x 610 mm)
- 4' x 2' (1219 x 610 mm)



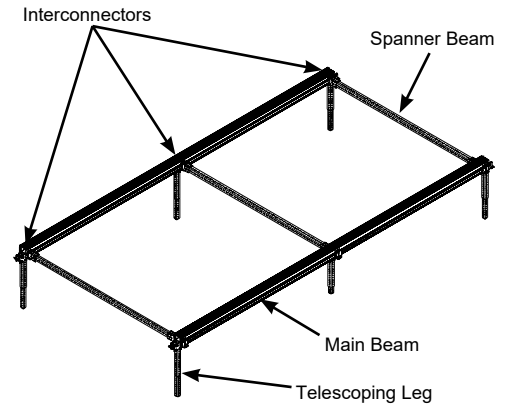
Plywood Deck Kit Specifications

- Frame components, aluminum extruded beams, are shipped ready-to-assemble with detailed instructions
- The plywood deck surface, *supplied by user*, should meet or exceed 3/4" (19 mm) plywood grade C-C Exterior, C-C PTS (plugged and touch sanded), or B-C Sanded standards
- Available sizes are the same as the Finished Deck
- Environmental attributes and LEED compliance for this product can be found at www.wengercorp.com/GREEN or by contacting your Wenger representative



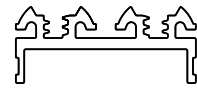
Leveled Understructure Specifications

- Main Beams, extruded aluminum, are available in lengths from 2' (610 mm) to 16' (4677 mm) in 2' (610 mm) increments
- Spanner Beams, 2" (51 mm) square galvanized steel perforated tube, are available in lengths from 2' (610 mm) to 8' (2438 mm) in 2' (610 mm) increments
Each Spanner Beam is shipped with a pair of formed steel diagonal braces which should be used when the Leveled Deck is higher than 2' (610 mm)
- Telescoping Legs, 2" (51 mm) and 1-3/4" (44 mm) square galvanized steel perforated tube, are available in lengths from 6" (152 mm) to 48" (1219 mm) in 6" (152 mm) increments
- Lower telescoping leg, 1-3/4" (44 mm) square
- Upper telescoping leg, 2" (51 mm) square
- Interconnectors allow connecting spanner beams to main beams and to telescoping legs are made of formed and welded steel, powder-coat painted
- Main Beam Diagonal Braces, painted formed steel must be used for stages higher than 24" (51 mm)

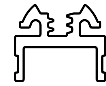


Laydown Specifications

- Double Beam Cap, extruded aluminum, is available in lengths from 8' (2438 mm) to 2' (610 mm) in 2' (610 mm) increments and supports adjacent decks (edge-to-edge)
- Single Beam Cap, extruded aluminum, is available in lengths from 8' (2438 mm) to 2' (610 mm) in 2' (610 mm) increments and supports only the edge of a single deck



Double Beam Cap Profile
suitable to use with a
2' x 4' (610 x 1219 mm)
wood board.



Single Beam Cap Profile
suitable to use with a
2' x 2' (610 x 610 mm)
wood board.

Indoor Beam Cart Specifications

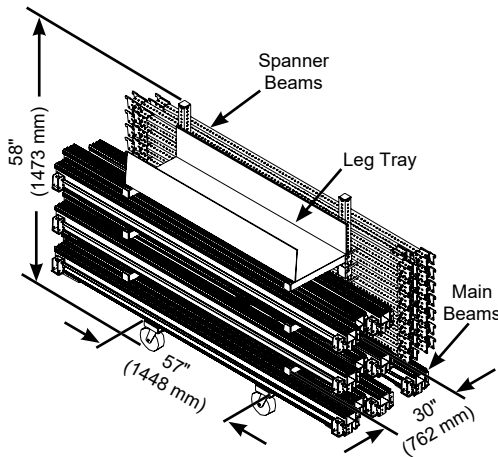
- Five-year warranty.
- Supports an evenly distributed maximum load of 2600 lb (1179 kg)
- Transports the Main Beams and Telescoping Legs
- Overall dimensions (unloaded): 30" wide x 57" deep x 58" high (762 x 1448 x 1473 mm)

Outdoor Cart Specifications

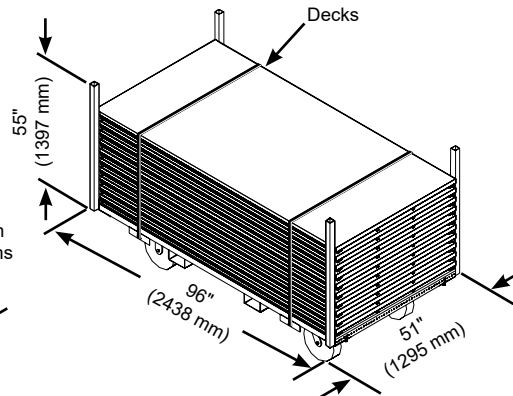
- Five-year warranty
- Supports an evenly distributed maximum load of 1200 lb (544 kg)
- Can be used to transport decks, beams or miscellaneous hardware
- Overall dimensions (unloaded): 51" wide x 96" deep x 55" high (1295 x 2438 x 1397 mm)

Stage Cart Specifications

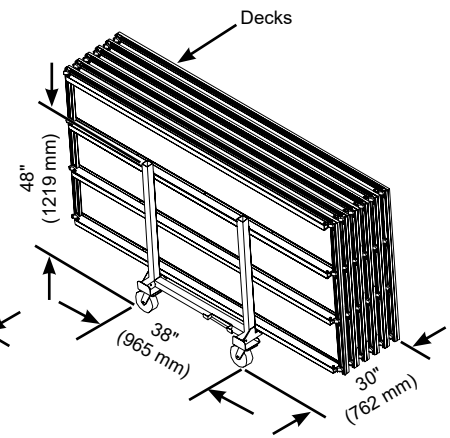
- Five-year warranty
- Transports up to six STRATA decks
- For indoor use
- Overall dimensions (unloaded): 30" wide x 38" deep x 48" high (762 x 965 x 1219 mm)



Indoor Beam Cart



Outdoor Cart



Stage Cart



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