

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 wood boards (customer supplied 2' x 4' or 2' x 2' [38 x 89 mm or 38 x 39 mm]) in parallel rows to support decks on fairly level ground. Placing wood shims under the 2' x 4' or 2' x 2' (38 x 89 mm or 38 x 39 mm) 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.

Intended Use

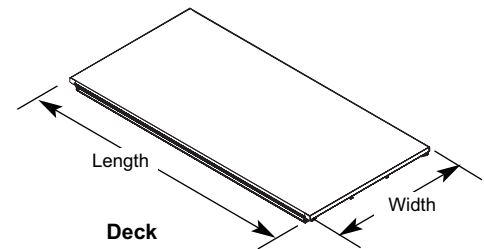
- STRATA Event Staging and Tent Floor is intended to be set up inside or outside in fair weather conditions.
- STRATA components can be stored inside or outside and resist the effects of weather and salty environments.
- Decks can support uniform loading of 125 lb/ft² (610 Kg/m²).
- Staging height can be constructed from 7" (17.8 cm) to a maximum height of 10' (3.05 m). Diagonal bracing is required for all stages higher than 24" (61 cm). Cross bracing is required for all stages higher than 48" (1.22 m).
- Pass-through openings and holes can be cut into deck surfaces.

Finished and Plywood Deck Specification

- Five year warranty.
- 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.
- Uniform load capacity is 125 lb/ft² (610 kg/m²).
- Decks are shipped ready-to-use on a shipping pallet.
- Deck sizes are:

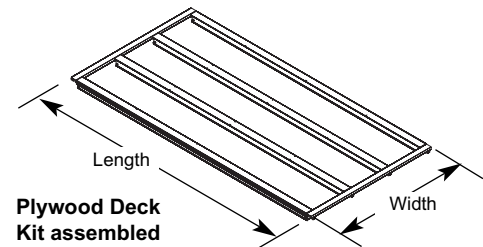
Deck Size (Length x Width)

- 8' x 4' (244 x 122 cm)
- 6' x 4' (182 x 122 cm)
- 4' x 4' (122 x 122 cm)
- 8' x 2' (244 x 61 cm)
- 6' x 2' (182 x 61 cm)
- 4' x 2' (122 x 61 cm)



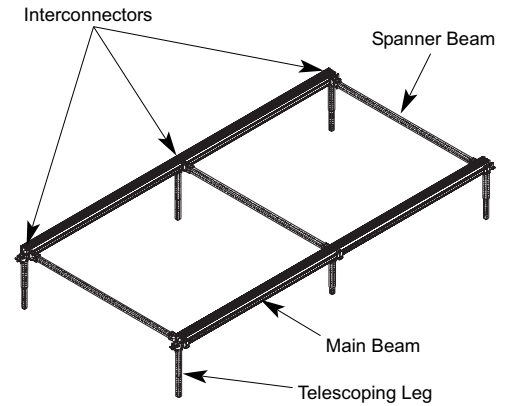
Plywood Deck Kit Specifications

- Five year warranty.
- 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.



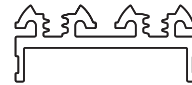
Leveled Understructure Specifications

- Main Beams, extruded aluminum, are available in lengths from 2' (61 cm) to 16' (4.88 m) in 2' (61 cm) increments.
- Spanner Beams, 2" (51 mm) square galvanized steel perforated tube, are available in lengths from 2' (61 cm) to 8' (2.44 m) in 2' (61 cm) 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' (61 cm).
- Telescoping Legs, 2" (51 mm) and 1¾" (44 mm) square galvanized steel perforated tube, are available in lengths from 6" (152 mm) to 48" (123 cm) in 6" (152 mm) increments.
- Lower telescoping leg, 1¾" (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" (61 cm).



Laydown Specifications

- Double Beam Cap, extruded aluminum, is available in lengths from 8' (2.44 m) to 2' (61 cm) in 2' (61 cm) increments and supports adjacent decks (edge-to-edge).
- Single Beam Cap, extruded aluminum, is available in lengths from 8' (2.44 m) to 2' (61 cm) in 2' (61 cm) increments and supports only the edge of a single deck.



Double Beam Cap Profile
suitable to use with a 2' x 4'
(38 x 89 mm) wood board.



Single Beam Cap Profile
suitable to use with a 2' x 2'
(38 x 38) wood board.

Indoor Beam Cart Specifications

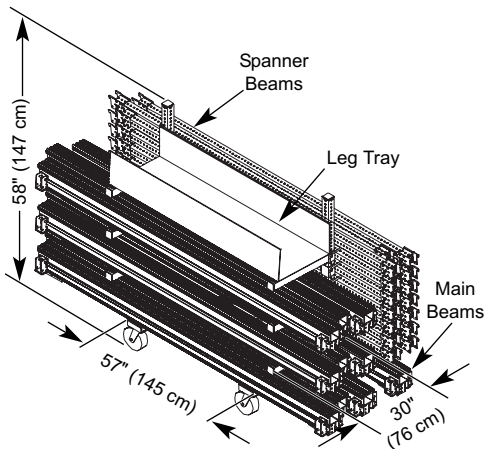
- Five year warranty.
- Supports an evenly distributed maximum load of 2600 lbs (1179 kg).
- Transports the Main Beams and Telescoping Legs.
- Overall dimensions (unloaded): 30" wide x 57" deep x 58" high (76 x 145 x 147 cm).

Outdoor Cart Specifications

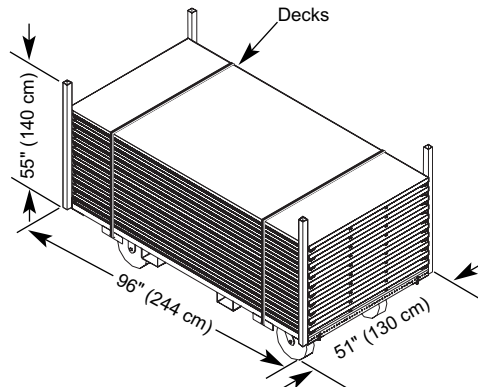
- Five year warranty.
- Supports an evenly distributed maximum load of 1200 lbs (544 kg).
- Can be used to transport decks, beams or miscellaneous hardware.
- Overall dimensions (unloaded): 51" wide x 96" deep x 55" high (130 x 244 x 140 cm).

Stage Cart Specifications

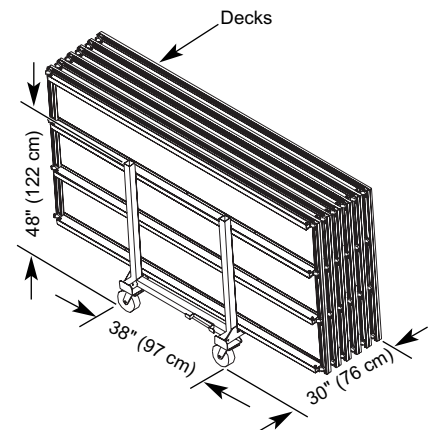
- Five year warranty.
- Transports up to six STRATA® decks.
- For indoor use.
- Overall dimensions (unloaded): 30" wide x 38" deep x 48" high (76 x 97 x 122 cm).



Indoor Beam Cart



Outdoor Cart



Stage Cart

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