

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 Lay-down or Levelled versions.

- Lay-down 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
- Levelled floor construction uses aluminum beams erected in parallel rows on 8' or 6' 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 lay-down floors
- Ten-year warranty

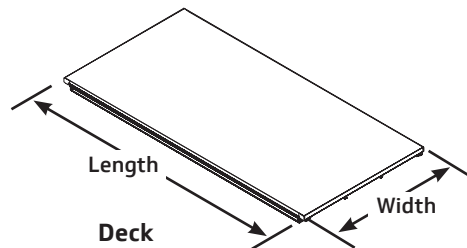
Intended Use

- 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 Specifications

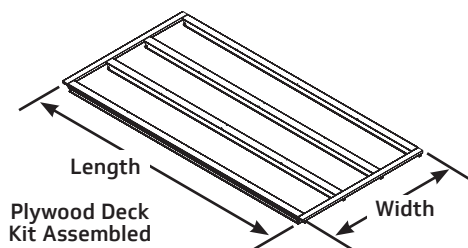
- Standard system meets a vertical live load of 150 lb/ft² (732 kg/m²)
- Dynamic Live Load: Side load of 15% of total uniform live load which equals 720 lb (327 kg) side load on a platform under a total Uniform Live Load of 4,800 lb (2177 kg)
- Point Load Rating (will not leave a permanent deck surface 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)



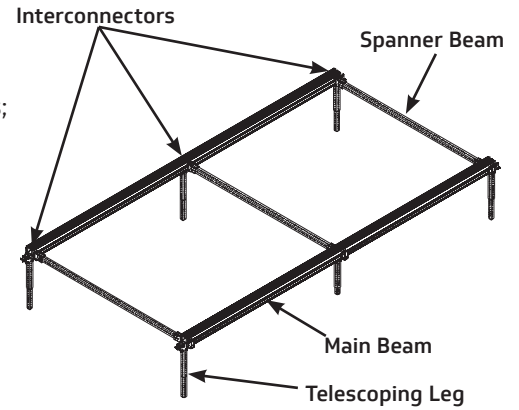
Plywood Deck Kit Specifications

- 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



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)

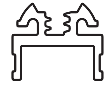


Lay-down Specifications

- 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

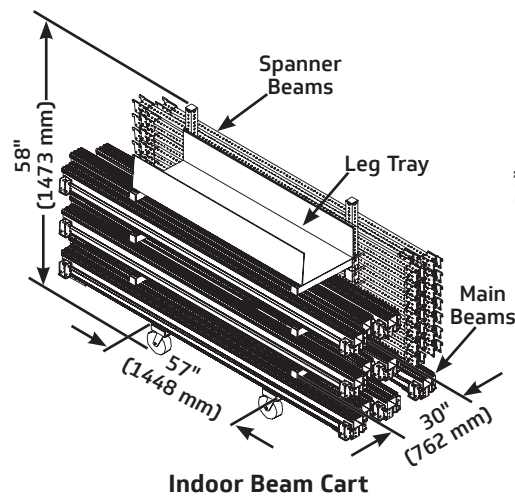
- Ten-year warranty
- Supports an evenly distributed maximum load of 2600 lb (1179 kg)
- Transports the main beams and telescoping legs
- Overall dimensions (unloaded): 30"w x 57"d x 58"h (762 x 1448 x 1473 mm)

Outdoor Cart Specifications

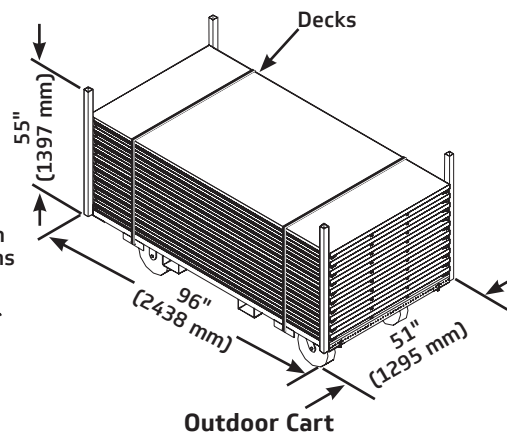
- Ten-year warranty
- Supports an evenly distributed maximum load of 1200 lb (544 kg)
- Can be used to transport decks, beams or miscellaneous hardware
- Overall dimensions (unloaded): 51"w x 96"d x 55"h (1295 x 2438 x 1397 mm)

Stage Cart Specifications

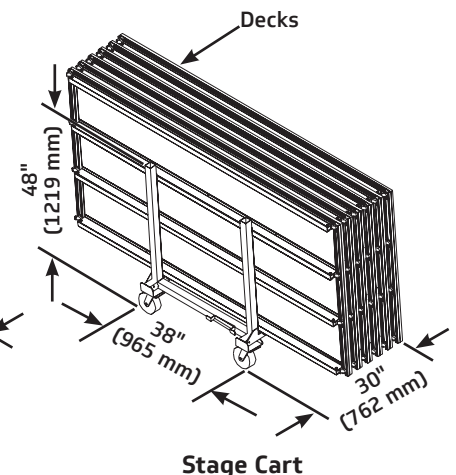
- Ten-year warranty
- Transports up to six STRATA decks
- For indoor use
- Overall dimensions (unloaded): 30"w x 38"d x 48"h (762 x 965 x 1219 mm)



Indoor Beam Cart



Outdoor Cart



Stage Cart



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Minnesota Location

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