

# Street Seat Builders Manual

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## Budgets

Approximately \$12,000 for materials, labor, installation, and removal.

## Timing/Schedule

Street Seat offsite fabrication may take anywhere from 4 weeks to 2 months. Plan on one day for installation.

## Offsite Fabrication

### Tools Needed

- Drill (hand and drill press)
- Table Saw
- Miter Saw
- Welder

### Material List

See attached Materials Manual for images and details.

- Plastic Pallet 48" x 40"
- Eucalyptus (FSD Certified) for custom bumper – dimension as needed
- Eucalyptus (FSC Certified) for modular planter, 6' x 1' x 3'
- Spruce-Pine Lumber, heat treated/outdoor grade, for substructure 2" x 6"
- Kontiki Round Edge Deck Tiles, 12" x 12" x 15/16"
- Aluminum Plate, 1/8"
- 4 Deck Planters, 30" x 8.5" x 5"
- Galvanized 90° Angle, 2" x 2" x 1/8"
- Stainless Steel Wire Rope, 1/8"
- Marine Grade Polyurethane Finish
- Stainless Steel Nuts and Bolts
- Moveable tables, chairs, or benches
- See attached Planting List of Alternative Species



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## Dimensioning

Piece	Quantity	Dimensions	Notes
Bumper	6	6'	Height and depth vary based on construction
Bumper	2	2'	
Bumper	4	3'	
Planter	4	6' x 1' x 3'	
Substructure	6	Varies on need	

## Fabrication

See attached Drawings and details.

### Platform (Easy)

1. Cut 1/3 of the plastic pallets in half, to create pieces measuring 24" x 40".
2. Attach the spruce-pine lumber substructure pieces to the pallets to create three 72" x 80" modular units, each modular unit consisting of two full-sized pallets and two half-sized pallets.

### Planters (Difficult)

1. Build planters as desired, using the eucalyptus and aluminum plates, within 1' x 6' footprint constraint.
2. Cut galvanized 90° angle to planter height plus bumper height.
3. Weld two galvanized 90° angle pieces together, creating a "T"; repeat to create 4 "T" pieces which will be used on the corners of the structure. Leave 4 galvanized 90° angle pieces as is ("L").
4. Drill holes into Galvanized steel for threading the wire rope and fastening to the planter box.

### Decking and Bumper (Medium)

1. Attach deck tiles to pallet, leaving empty spaces for the footprint of the planters, using screws and zip ties
2. Attach the fixed pieces of the custom bumper to the modular units, screwing through the bumper and into the galvanized angle pieces and the substructure.
3. Fit the detachable pieces (the pieces at joints) in place to ensure alignment; attach the detachable pieces, screwing through the bumper into galvanized 90° angle pieces and substructure. Detach the detachable pieces.



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## Installation

See attached Assembly Manual for images and details.

1. On location, place down the 3 modular platform units; slide them to fit together.
2. Place the planter boxes atop platform at the designated locations.
3. Attach galvanized angle pieces to the planter box, and to the bumper, into the substructure.
4. Attach detachable bumper pieces, screwing through the bumper, into the galvanized angle pieces and the substructure.
5. Tread cables through the galvanized steel angles and attach with a turn buckle.

## Removal

1. Remove the turn buckle and cables from the galvanized angle pieces.
2. Detach the bumper pieces from the substructure.
3. Detach the galvanized angle pieces from the substructure and the planters.
4. Remove planters from the structure.
5. Separate the 3 modular platform units.
6. Wrap items in blankets to protect them while moving and storing your Street Seats.
7. Store in a dry location.

## Maintenance and Protection

Since the Street Seats will be outdoors, you can expect a little weathering of materials. To keep them in top condition, reapply any finishes every 12-18 months.

Clean your Street Seats by power washing them before storage. If stains or marking still show after washing, sand the areas until they disappear. Reapply your finish.



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