

Garden Bench

(GB48 Unassembled Kit)

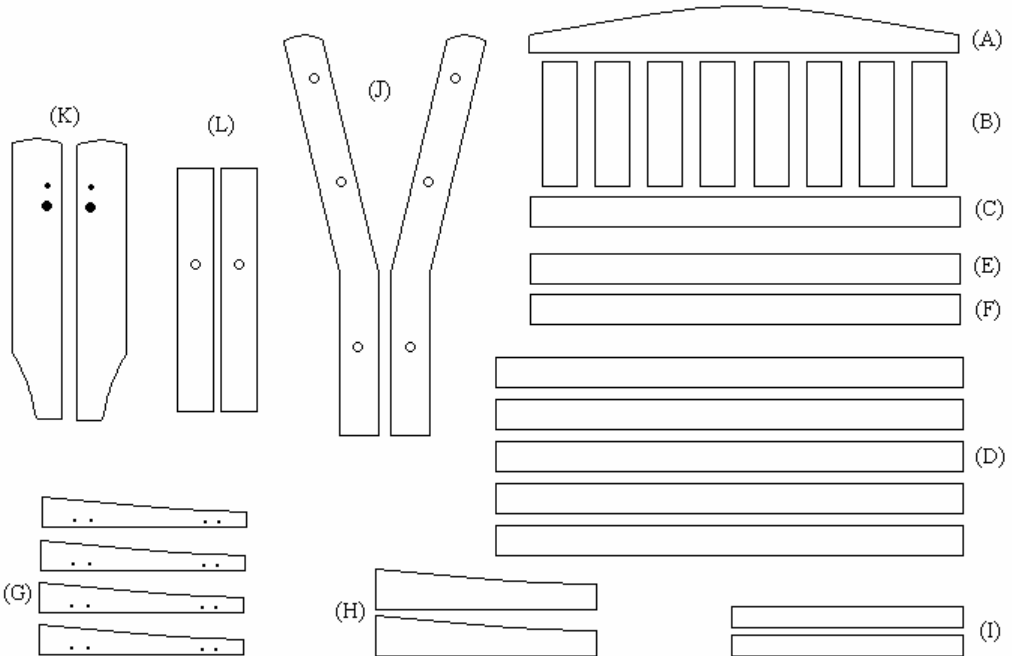
Tools Required: #2 Philips driver, a Flat screwdriver, wood glue and a hammer.

Before Assembly: check all components with content list and **dry fit the parts together** before gluing.

(NOTE: after dry-fit, wood glue should be used on all dowel joints)

Package Contents:

- (a) Top Rail.....1
- (b) Back Slat.....8
- (c) Bottom Rail...1
- (d) Seat Slat...5
- (e) Front Rail...1
- (f) Back Rail...1
- (g) Seat Cleat...4
- (h) Top Leg Brace...2
- (i) Bottom Leg Brace...2
- (j) Back Leg...2
- (k) Front Leg...2
- (l) Arms...2



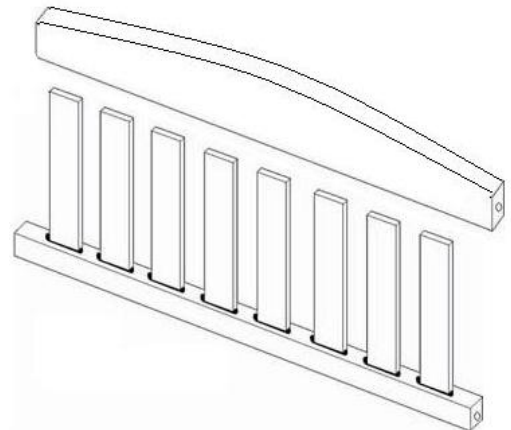
Hardware:

- Dowel...10
- 2" Connector Bolt ...8
- 4" Zinc Screw...10
- 2" Zinc Screw...56
- Cam Lock...2
- Cam Insert...2
- Cam Pin...2
- Wood Spacer...2



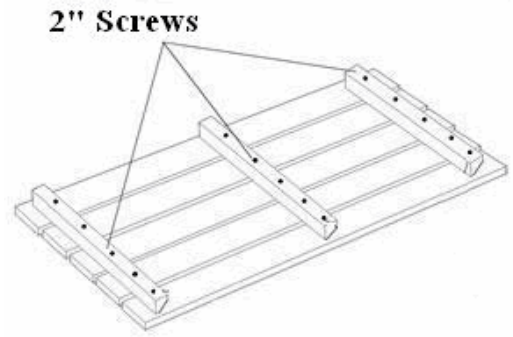
Step 1. Build Back

- Position top and lower rail with dado slots facing each other.
- Apply a small drop of glue down the side of each slot. (optional)
- Insert back slats into the lower Rail (narrow) then fit top rail onto open end of back slats.



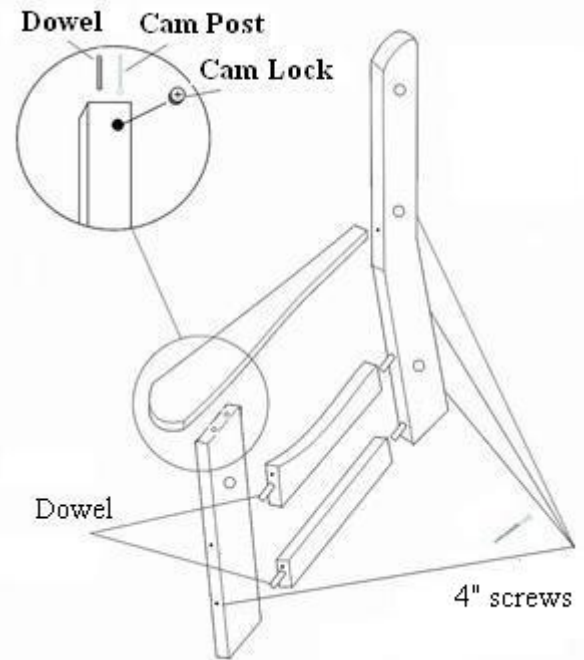
Step 2. Build Seat

- Set out seat slats finished side down, use spacer to attain uniform distance between slats.
- Using width of the same spacer position cleat **1 inch** in from edge of slats.
- Apply a generous helping of glue and **attach cleats curve face down** using 2 inch screws.
- Attach a third and fourth cleat evenly spaced across the center of the boards.
- Apply adequate driver force to draw the seat boards firmly against the cleats and ensure a tight join.



Step 3. Build Leg Assembly

- Lay front and back leg onto side with dowel holes facing each other.
- Position top and bottom leg brace between them. Insert dowels and fasten together using 4 inch screws.
- Tap plastic cam insert into the rear dowel hole in the arm. Thread cam post into cam insert and tighten.
- Apply glue in and around front dowel hole in arm and front leg and insert dowel. Place arm on top of front leg – set arrow in up position, and insert cam lock into cam-hole on back side of leg.
- Turn cam lock clockwise $\frac{1}{2}$ a turn until the arrow is at down position. Align rear arm with pre-drilled hole in the back leg and attach with a 4 inch screw.
- Repeat this step for the other Side and allow the wood glue to dry.



Step 4. Assemble Bench

- Place seat rail between 2 front legs and attach using connector bolts.
- Place back slat assembly between 2 rear legs and attach using connector bolts.
- Set back rail between lower rear legs and attach using connector bolts.
- Insert seat assembly between sides and attach from beneath using 2 inch screws.
- Your New Bench is ready for use.

