


BUTCHER BLOCK BENCH

DIFFICULTY: **COMPLEX**

 10 VOLUNTEERS

 8 HOURS

MATERIALS

PREP

(7) 2x4x12' boards

BUILD

(8) 2x4x72" pieces

(2) 2x4x65" pieces

(4) 2x4x16.5" pieces - if bench is set in concrete pieces will be

(4) 2x4x30.5"

(4) 2x4x20" pieces - if bench is set in concrete pieces will be

(4) 2x4x34"

2lb 2.5" deck screws

TOOLS

PREP

Miter saw

Pencil

Tape measure

Carpenter's square

Safety glasses

BUILD

Safety glasses

Pencils

Sandpaper

Tape measure

Screwdriver bit

Drill

PREP LIST

1. Sort all materials into piles by like items to ensure you have materials needed to complete project.
2. Take (4) 2x4x12s. Cut (2) 2x4x72" pieces from each, for total of (8) 2x4x72" pieces.
3. Take 1 remaining 2x4x12s. Cut into (2) 2x4x65" pieces.
4. Take (1) remaining 2x4x12s. Cut into (4) 2x4x16.5" pieces. If bench is set in concrete, cut this into (4) 2x4x30.5" pieces instead.
5. Take the last remaining 2x4x12. Cut into (4) 2x4x20" pieces. If bench is set in concrete, cut this into (4) 34" pieces instead.

BUILD LIST

1. Sort all materials into piles by like items to ensure you have materials needed to complete project.
2. Build legs by screwing one 2x4x16.5" piece into one 2x4x20" piece. Use six 2.5" deck screws and stagger screws. All edges are flush! If bench is set in concrete, screw one 2x4x30.5" piece into one 2x4x34" piece. Repeat this process using all of the 2x4x16.5" and 2x4x20" pieces. You will need 4 legs per bench.
3. Take one 2x4x72" piece and attach to two legs using the 2.5" deck screws. Top/outside ends are flush.
4. Next fit one 2x4x65" pieces between inside edges of legs and screw onto 2x4x72" you just attached.
5. Screw six 2x4x72s on top of what you have built using the 2.5" deck screws. Screw the 2x4x72s in one at a time so 2.5" deck screws can connect.
6. Attach two remaining legs to outside edges of last 2x4x72" piece. Outside edges and top are flush.
7. Attach remaining 2x4x65" piece between legs and on top of 2x4x72" piece. Screw remaining 2x4x72" piece onto 2x4x65" piece.
8. Concreting bench into ground: mark location of the four holes (one for each leg) and dig each hole to roughly 12" deep.