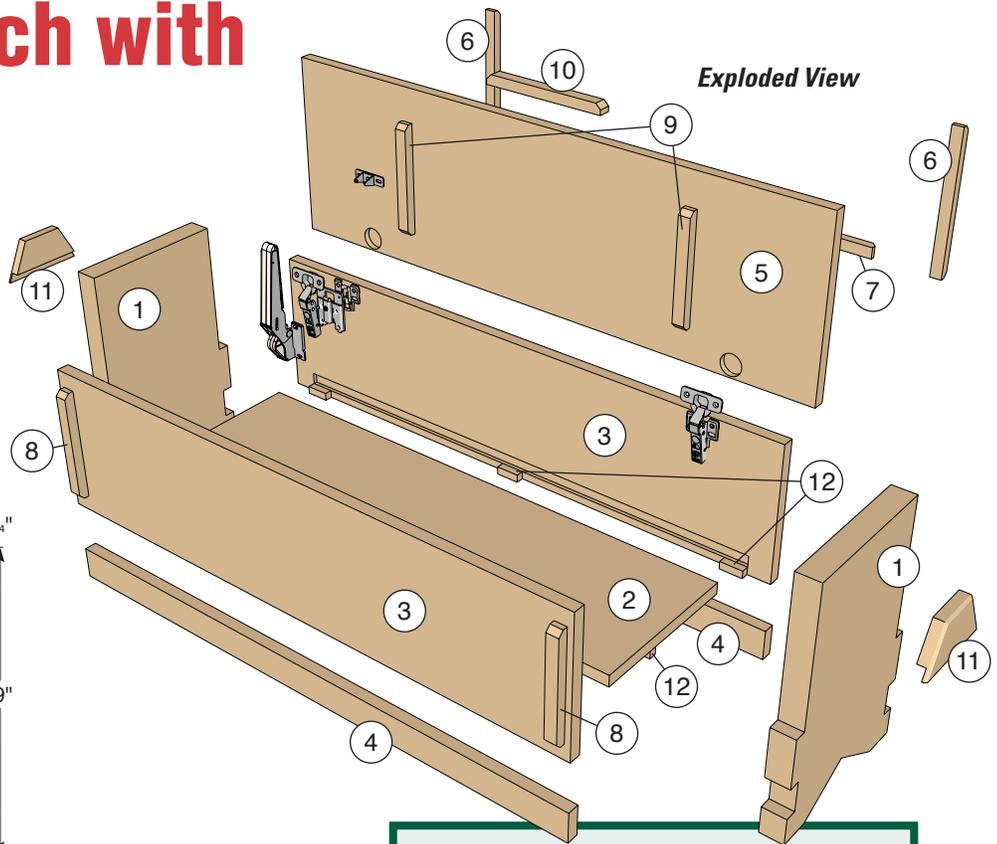


Outdoor Bench with Storage

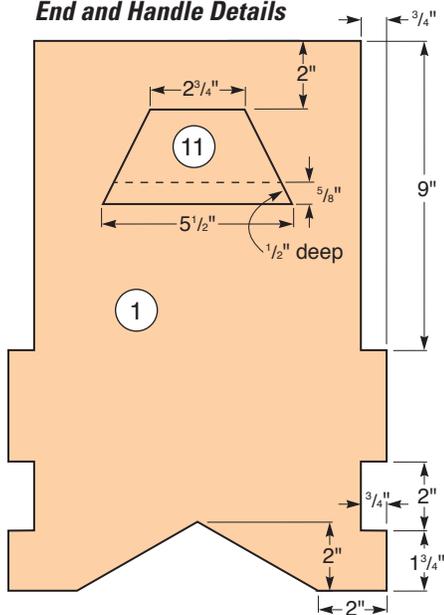
Sponsored by Sugatsune

Outdoor seating and storage can be hard to come by, but this easy-to-move bench can provide both.



Exploded View

End and Handle Details



Instructions

1. Cut the dimension lumber into the various lengths and widths for pieces 1 through 5.
2. Lay out the notches and V-shape on the ends (pieces 1) as shown in the *Drawing* above.
3. Cut out the notches on the ends with a band saw or handheld jigsaw.
4. Plow stopped grooves in the front and back, pieces 3, to accept the bottom panel, piece 2.
5. Install the Sugatsune hinge stay system on the back and lid, piece 5.
6. Assemble the carcass with nails for the back and rails (piece 4), and with screws for the front. Place the screws so they can be hidden by the front cleats (pieces 8).
7. Cut the cleats and lid handle (pieces 6 through 10) to thickness, width and length. Use a stationary disc sander or belt sander to shape the ends of the cleats and to break the long edges of the cleats.
8. Attach the cleats with nails as shown in the *Drawings*. The long lid cleat can be glued with Titebond III to help secure it to the lid.
9. Cut the handles, pieces 11, to length and width. The angle is 30 degrees.
10. Form the rabbet on the bottom edges of the handles and use a disc sander or stationary belt sander to break the edges.
11. Attach the handles with glue and nails.
12. Optional: Sand to 100-grit and apply an exterior deck stain or finishing oil. Allowing the cedar to weather naturally is acceptable.
13. Mount the lid to the carcass.

MATERIAL LIST

| | T x W x L |
|------------------------|--------------------------|
| 1 Ends (2) | 1 1/2" x 11" x 16" |
| 2 Bottom (1) | 3/4" x 10" x 33" |
| 3 Front and Back (2) | 3/4" x 9" x 36" |
| 4 Rails (2) | 3/4" x 2" x 36" |
| 5 Lid (1) | 3/4" x 11 1/4" x 36 1/2" |
| 6 Lid Side Cleats (2) | 5/8" x 3/4" x 9 1/2" |
| 7 Long Lid Cleat (1) | 5/8" x 3/4" x 25 1/2" |
| 8 Front Cleats (2) | 5/8" x 3/4" x 7" |
| 9 Under Lid Cleats (2) | 5/8" x 3/4" x 7" |
| 10 Lid Handle (1) | 5/8" x 3/4" x 7 3/4" |
| 11 Handles (2) | 3/4" x 2 3/4" x 5 1/2" |
| 12 Glue Blocks (6) | 1/2" x 1/2" x 1 1/2" |