

Interactive  
3D Model



3D Workshop  
Hints + Tips

Rotate




Pan



Zoom



Click  to watch an animation of assembly and disassembly

Click  to change the look of the model

Model made in Alibre Design

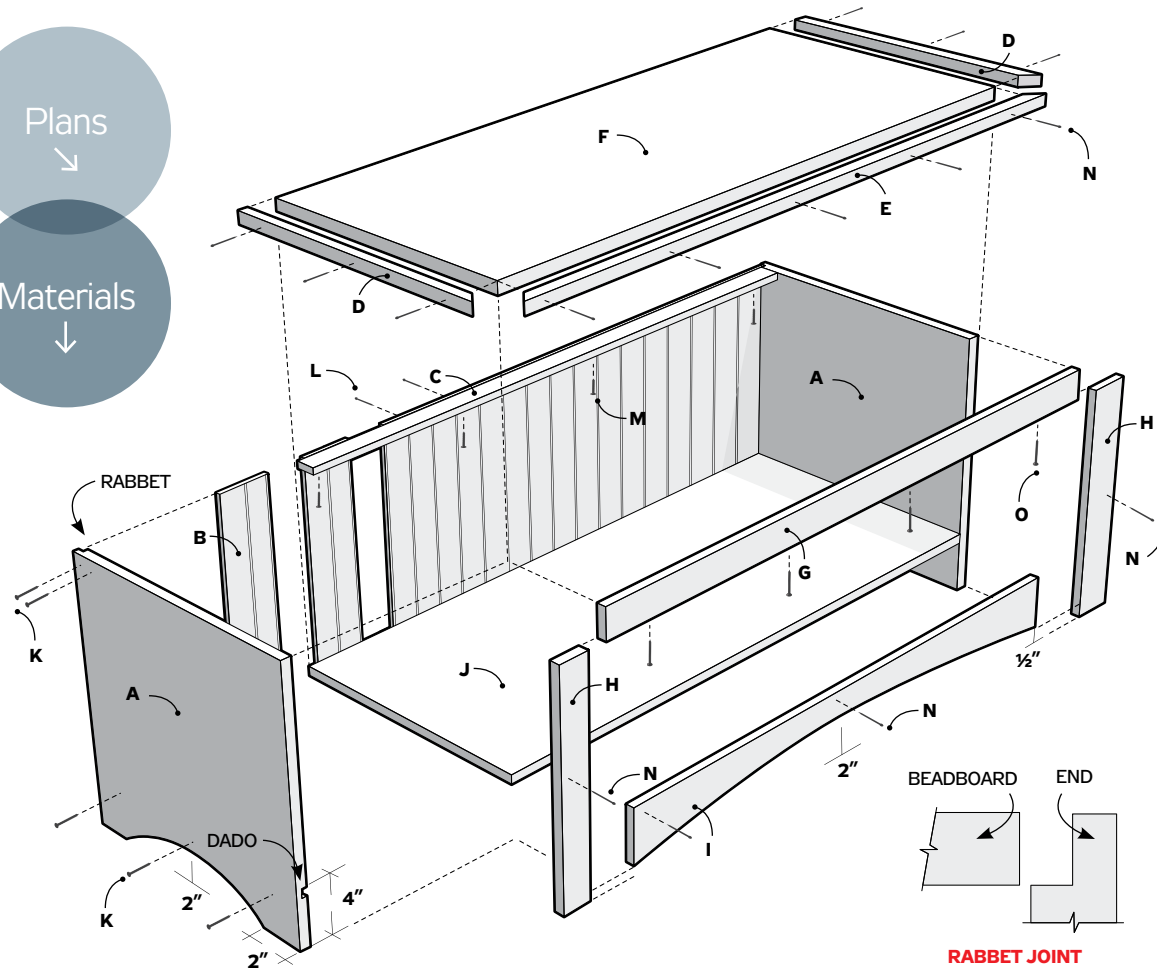
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Plans



Materials



**RABBET JOINT**

Key	No.	Size and description (use)	Key	No.	Size and description (use)
A	2	3/4" x 14 1/2" x 17 1/4" birch ply (end)	H	2	3/4" x 2" X 15 1/4" pine (stiles)
B	10	5/16" x 3 1/2" pine beadboard (back)	I	1	3/4" x 3 1/2" x 30 1/2" pine (apron)
C	1	3/4" x 2" x 33" pine (cleat)	J	1	3/4" x 14 3/16" x 33 3/4" birch ply (shelf)
D	2	1/2" x 3/4" x 16" pine (top end trim)	K	10	1 5/8" trim-head screws (for cleat and shelf)
E	1	1/2" x 3/4" x 36" pine (top front trim)	L	20	1" wire nails (to attach beadboard)
F	1	3/4" x 15 1/2" x 35" birch ply (top)	M	4	1 1/4" drywall screws (to attach shelf to cleat)
G	1	3/4" x 2" x 34 1/2" pine (top rail)	N	24	1 1/2" finish nails (to attach trim, stiles, apron)
			O	4	2 1/2" drywall screw (to attach top to rail)

**Misc:** For extra support, apply glue before attaching the cleat (C), trim pieces (D), top rail (G), stiles (H), apron (I) and shelf (J).

## Time to Prime

Priming the interior surfaces as they're cut is much easier—and neater—than waiting to prime everything once the entire bench is assembled. This works when building any box that you plan to paint. I built this bench with birch plywood and 3/4-in. clear pine, because both accept paint well. If you're staining, use oak-, cherry- or mahogany-faced plywood and lumber.



Priming the inside faces before any assembly ensures an even coat in tight spots. I balanced this panel on my hammer to prevent the primer from pooling on the surface.



Coat each of the tongue-and-groove planks individually, or you'll see an unpainted line when they expand and contract.



To get a steady, consistent stream, spray horizontally toward a vertical surface, sweeping back and forth. This is how a pro in a spray booth would do it.