

HART



TODDLER BED

@SouthernYankeeDIY

PROJECT PLAN

Skill Level: Advanced

Materials

Item	Qty
1x4x10 Pine Boards	7
2x2x6 Pine Board	1
2x4x8 Pine Boards	6
2x3x6 Pine Board	5
2" Screws	
2-1/2" Pocket Screws	
Brad Nails	
Wood Glue	

Tools Used



Miter Saw



Orbital Sander



Level



Drill/Driver



Jigsaw



Measuring Tape



Staple Gun

Also Needed: Brad Nailer, Clamps



Battery Tip: A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

Assembly Instructions

Step 1

Build the base of the bed. Base & Middle Support: Cut (3) 2X3 at 72" & drill pocket holes at each end of each board.

Step 2

Header & Footer: Cut (2) 2x4 at 39".

Step 3

Attach (2) of the 2x3s to the inside of the (2) 2x4s, using wood glue & pocket screws from the inside.

Step 4

Build the posts: Cut (4) 2X4 at 36" & add a 45°bevel to one side of each post.

Step 5

Drill 1 pocket hole on the opposite side of the bevel.

Step 6

Outer Sides: Cut (2) 2X4 at 75"

Step 7

Drill pocket holes at each end.

Step 8

Attach the (4) 36" 2X4's to the 2 outer side pieces using pocket screws & wood glue. Make sure to use a level to ensure the posts are straight!

Step 9

Attach the (2) post pieces to the base using a wood screw. Be sure that the bevels are facing out!

Step 10

Drill from the inside of the base outwards. You should now have something that looks like this:

Step 11

Slats cut (14) 1x4 at 39".

Step 12

Space them evenly along the bed frame.

Step 13

Fasten the slat pieces to the base using brad nails.

Step 14

Short roof pieces, cut (2) 2x4 at 29-3/4" & bevel 1 side of each board at 45°.

Step 15

Long roof pieces, cut (2) 2x4 at 31-1/4" & bevel 1 side of each board at 45°. To make the roof we will build (2) pairs (that will make sense in a second I promise).

Step 16

Pair 1: Attach the un-beveled side of (1) long roof piece & attach it to (1) un-beveled short roof piece. Be sure the short piece is on the inside of the long piece.

Step 17

Build pair 2 the same way.

Step 18

Once both pairs are built attach them to the posts. The pairs will sit flush on the post's bevels. Use 2" wood screws to attach the pairs to the posts. Countersink the screws so that they can be filled later.

Step 19

Roof side pieces, cut (2) 2X3 at 68" & drill pocket holes on both ends of each board.

Step 20

Pitch board, cut (1) 2X2 at 68" & drill pocket holes on both ends of the board.

Step 21

Attach the (2) roof side pieces flush with the roof bevel.

Step 22

After the board is level, use pocket screws & wood glue to secure them.

Step 23

Once both roof side pieces are attached, attach the 2x2 pitch board. This board will sit flush with the top of the long roof board. Again use wood glue & pocket screws.

Step 24

Y'all it is officially happy dance time, you just built an entire bed! Now let's finish this thing! Start by filling in all the holes with sand-able wood filler.

Step 25

Once dried, use an orbital sander & shop vac attachment to sand the entire bed.

Step 26

Start with 120 grit sandpaper & finish with 220 grit. If you don't want to risk the bed not fitting through the door, you may want to build & finish it inside the room. The shop vac can save you from having to tarp the entire space & do hours of cleanup.

Step 27

Use a microfiber cloth to apply Minwax Natural stain to the entire frame.

Step 28

After staining the bed, you may want to add brackets for extra security.

Step 29

If you want to add a certain vibe to the room, adding a canopy is perfect! You can buy this one on Amazon, but you could DIY one for cheaper. You can purchase 3-1/2 yards of fabric to make your own. Simply seal the seams & drape it over the front of the bed. Once it was even on both sides, secure it with a crown stapler. This little toddler bed is a thing of dreams!