

# Build Your Own Board

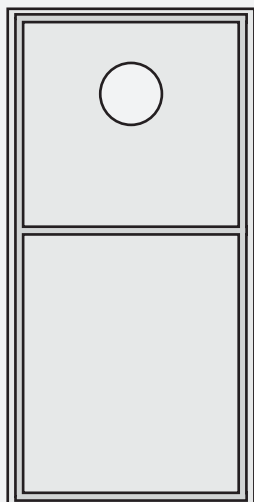
Cornhole Making Kit



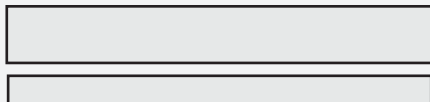
MAN CRATES  
PROJECTS

# COMPONENTS

Everything needed to build your own cornhole set



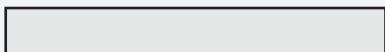
Top Board  
x 1



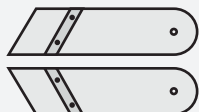
Frame Top and Bottom  
x 2



Frame Sides  
x 2



Frame Brace  
x 1



Board Legs  
x 1



Leg Brace  
x 2



Leg Stops  
x 1



Wood Screws  
x 100



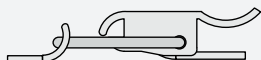
Hex Bolts  
x 4



T-Nut  
x 4



Washers  
x 4



Draw Latch  
x 2



Personalized Stencil  
x 2



Cornhole Bags  
x 8

## ***The Boards***

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*These boards are made from high-quality birch veneer plywood and are regulation size (24"x48"). All parts have been machine-cut and pre-drilled for optimal fit. Once assembled, the legs collapse and the boards nest and latch together for simple travel and storage. We've included all the hardware you'll need for this project.*

## ***Personalization***

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*Designing the look and feel of the board is up to you. Paint or varnish can add durability and style. As a finishing touch, we've provided two personalized vinyl stickers that can be applied to the finished boards.*

## ***The Bags***

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*Building your cornhole set is half the fun, but actually playing with it is the "more fun" half. We've included eight 1lb colored cornhole bags filled with plastic beads. Let the games begin!*



***This project takes on average  
4 hours to complete***

***You might also need: a screwdriver or drill with extended bit, sandpaper, a hammer, and wood finish or paint.***

# PRE-ASSEMBLY

*Sanding all your pieces before assembly*



*Fig 1*

- 1** While unpacking, use the list on the previous page to sort and ensure you have all components. Set aside the personalized vinyl stickers and bags until the end.
- 2** You'll be assembling two full-size boards. You can either work through both boards simultaneously or get all your mistakes out on the first board so the second one is perfect. Just kidding, you're going to do great!

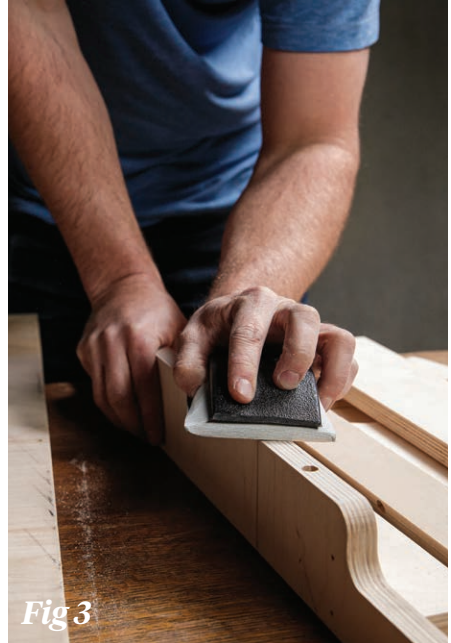


*Fig 2*

3

Sanding and finishing is easier on flat pieces than the assembled board. The birch veneer plywood has been rough sanded, so you can jump straight to 220 grit paper. Either sand by hand or use a palm/orbit sander to give all the pieces a smooth finish. The board top is the most crucial place to sand so the bags have a smooth slide during play (Fig 3, 4).

**\* Wear appropriate eye protection and a dust mask while sanding.**



*Fig 3*



*Fig 4*

**Pro Tip:**

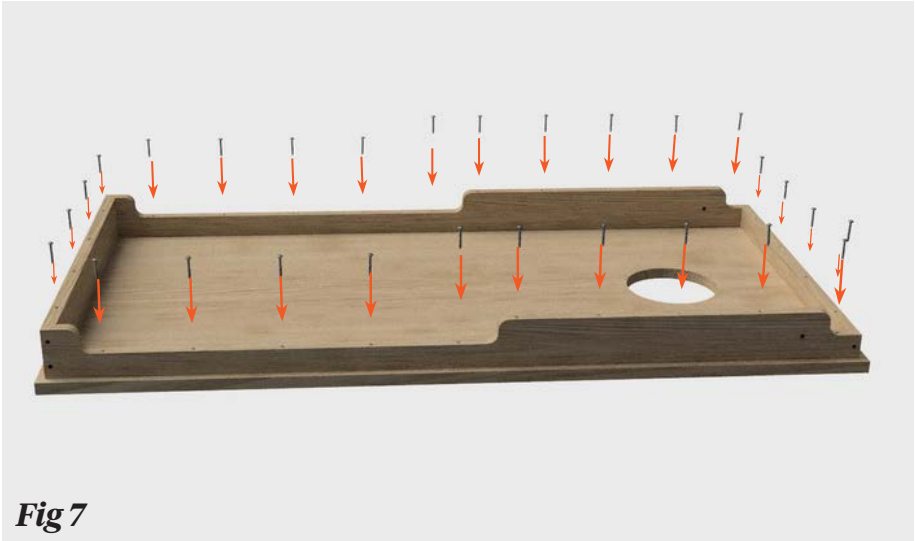
*If sanding by hand, use a block sander or glue your sandpaper onto a block of wood. The sandpaper will be easy to hold, and the flat pieces will turn out much more consistent.*

# BOARD AND FRAME

*Building your cornhole boards*



- 1** Lay your board facedown on a smooth, flat working surface so the milled grooves are facing up. These grooves will help you accurately align all frame parts (Fig 5).
- 2** Start with the outer frame. Place the long sides, the top, and the bottom into the frame before screwing anything down (Fig 6).



**Fig 7**



**Fig 8**

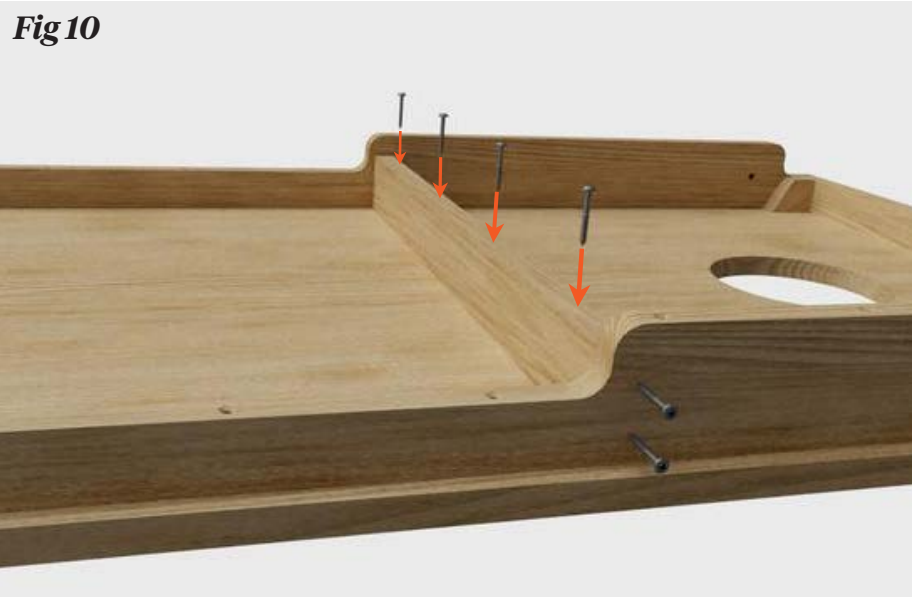


**Fig 9**

**3** Use wood screws to attach the frame to the board. If you're using an electric drill or driver, you'll likely need an extended bit to tighten the screws into the deeper countersunk holes (Fig 7).

Then, screw the frame pieces into each other (Fig 8, 9).

**Fig 10**



- 4** Align the frame cross piece into its slot. First, screw it into the board, then attach through the sides of the frame (Fig 10).

**Fig 11**



- 5** The leg stops will help brace your board at the proper height. Place the leg stops into the frame corners of the side near the hole. Screw them into place through the outside of the frame (Fig 11).



# LEG ASSEMBLY

*Building the legs of your boards*



**Fig 12**



**Fig 13**

- 1** Slot the center leg brace into the grooves of the two legs with the milled holes facing up (Fig 12). These milled slots are designed to be cup holders for while you're playing.
- 2** Use wood screws to attach pieces (Fig 13). Ensure the screw heads are flush with the leg surface so legs will close for storage.

# FINAL ASSEMBLY

*Adding legs and latches*

- 1 Place a T-nut into the leg mounting hole. Tap it in with a hammer until the spikes dig into the wood (Fig 14).



- 2 Mount the legs using hex bolts and washers. Screw the bolt through the washer, then leg, then into the T-nut mounted into the frame. Tighten until snug, while still allowing the legs to rotate freely (Fig 15).



**Fig 16**



**Fig 17**

- 3** Complete Step 2 for the second board, then nest the two finished boards together (Fig 16).
- 4** Next, you'll place latches on the top and bottom sides of the board. Measure and mark a centerline for each latch. Then, lay the latch on top of the centerline.
- 5** Use the latch mounting hardware to screw the latches in place. The hook end of the latch should be on the thinner frame piece (Fig 17).

**Pro Tip:**

*You can use superglue to hold the latch before screwing it in place. This will help position it so the screws align well.*

# DECORATING

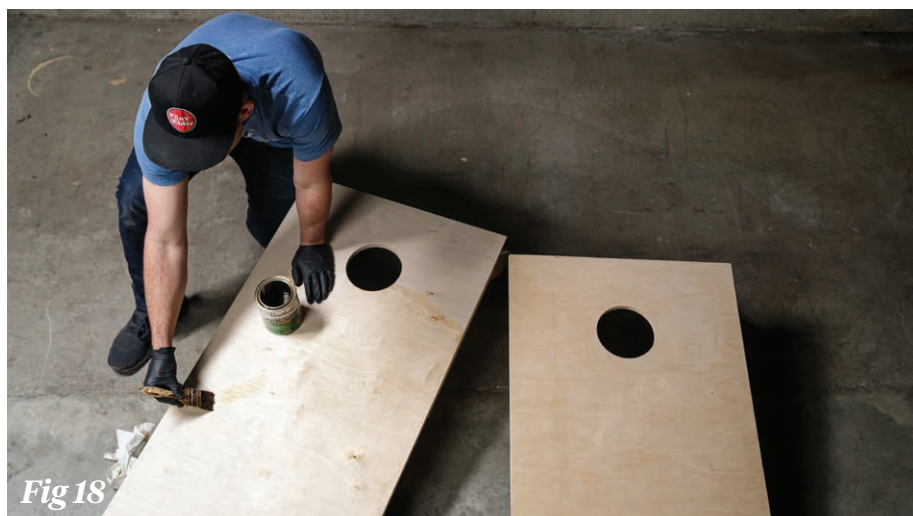
*Getting stylish with your cornhole set*

1

There are countless ways to decorate your board, including your personalized vinyl stickers. But before whipping that out, you'll want to apply your chosen wood finish.

## **Pro Tip:**

*When masking, just stretching out the tape can lead to wavy, inconsistent results. Use a straight-edge to draw straight lines, then align the tape to your line.*



*For a clear finish that preserves the wood grain, we recommend a Spar-Urethane. It provides UV and water protection ideal for outdoor games like cornhole.*

*When it comes to durability and protection, nothing tops paint. Most types of house or spray paint will work well.*

2

Apply wood finish or paint following the manufacturer's instructions (Fig 18). If you plan to finish the legs, you may need to remove and finish them separately to ensure the paint doesn't interfere with the moving parts.



Fig 19



Fig 20

- 3 Once you're ready to apply your vinyl decal, decide on the proper placement. You'll only get one shot at this, so clean the surface thoroughly to ensure dust doesn't get trapped.



Fig 21

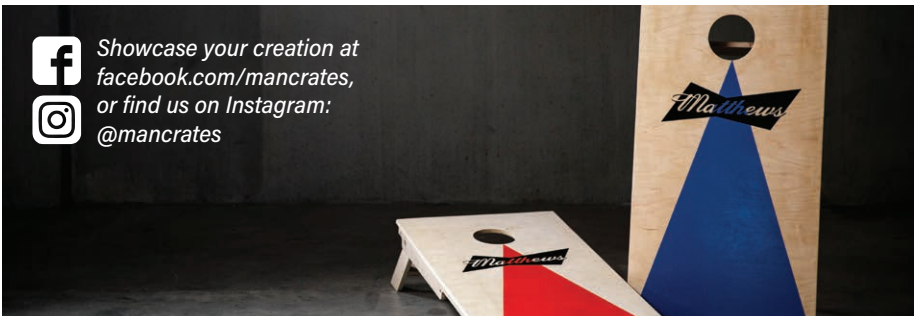


Fig 22

- 4 When you're ready, carefully peel the bottom layer off the decal. Go slowly to ensure the entire design sticks to the transfer mask on top. Discard the bottom layer.



- 5 Place the decal onto the board. Use a piece of plastic like a credit card to squeeze out any air bubbles. Press firmly to fully adhere to the board.
- 6 Finally, peel the transfer mask off the decal, and discard it.



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*Pinecone Bowie Kit*



*Home Brewing Kit*



*Watch Making Kit*



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