

Cornhole Board Plans

Materials, cut list, leg detail and build order for a regulation pair

MATERIALS (one pair of boards)

- 1 sheet 4 x 8 ft plywood, 1/2 in (tops) -- 3/4 in if you skip the cross braces
- 4 x 2 x 4 x 8 ft (frames and legs)
- 4 x 3/8 x 4 in carriage bolts, washers and wing nuts (legs)
- 1 5/8 in exterior screws, wood glue
- Primer, exterior paint or polyurethane; 220-grit sandpaper
- Optional: 1 x 2 cross brace per board under the top

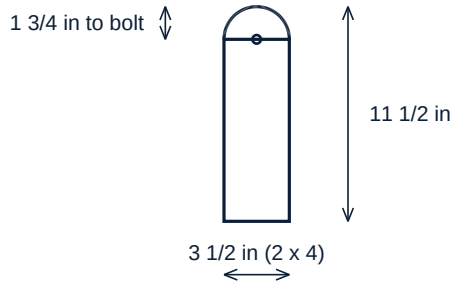
CUT LIST (per board)

- Top: 24 x 48 in plywood, 1 piece
- Frame sides: 2 x 4 at 48 in, 2 pieces
- Frame ends: 2 x 4 at 21 in, 2 pieces (fit inside the sides)
- Legs: 2 x 4 at 11 1/2 in, 2 pieces, one end rounded (1 3/4 in radius)
- Cross brace: 1 x 2 at 21 in, 1 piece (optional)

BUILD ORDER

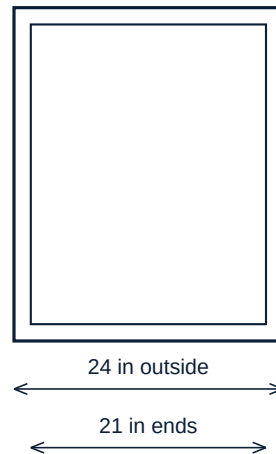
1. Glue and screw the frame: 48-in sides outside the 21-in ends, square, 24 in wide overall.
2. Round the top of each leg (1 3/4 in radius) so it pivots inside the frame; drill the bolt hole 1 3/4 in from that end, centred.
3. Drill matching holes through the frame sides 1 3/4 in from the top end and 1 3/4 in down. Bolt the legs on with the wing nuts outside.
4. Fold the legs out and trim the feet so the back edge sits at 12 in and the board is level side to side.
5. Glue and screw the top on, screws every 8 in, heads countersunk and filled.
6. Mark the hole centre 9 in down from the top edge and 12 in in from each side; cut with a 6-in hole saw or a jigsaw. Sand the edge.
7. Prime, paint the design, then 2-3 coats of gloss polyurethane. Sand lightly between coats. Bags should slide, not skid or stick.

LEG DETAIL



Rounded end pivots inside the frame;
3/8-in carriage bolt, washer, wing nut.
Trim the foot at ~10 deg so it sits flat.

FRAME (top removed)



Sides run the full 48 in; ends fit between.
Legs bolt inside the sides at the top end.

Board sizes and heights follow the ACL / ACO rules; leg length, frame and finish are common practice -- trim legs to reach 12 in at the back edge