

HART™



END TABLE

@magnolias.modern.mama

PROJECT PLAN

Skill Level: Intermediate

Materials

Item	Qty
Wood glue	1 bottle
Edge banding	1 roll
Iron	1
Pencil	1
Something round to trace your top with	1
Wood filler	1 bottle
Wood conditioner	1 small can
Stain and poly of your choice	1 small can

Tools Used



Miter Saw



Jigsaw



Orbital Sander



Tape Measure



Safety Glasses

Also Needed: Brad Nailer, Speed Square



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

Lumber Cut List

Description	Board	Cut to	Qty
Circle	Plywood	14"*	1
Select pine	1x3	6"	4

*Depending on the size of the table you build, your cuts might be bigger or smaller.

Assembly Instructions

Step 1

Use the round object to trace a circle onto your plywood.

Step 2

Cut the circle out of the plywood with your jigsaw. Make sure you check the width of your wood and adjust your saw accordingly!

Step 3

Use your orbital sander to sand down the rough edges of your circle.

Step 4

Using your miter saw, cut (4) 17" pieces of 1x3 lumber with a 45° miter at one end.

Step 5

Cut one 17" piece of 1x3 lumber with both ends cut with a 45° miter.

Step 6

Cut 2 pieces of 1x3 lumber to 7-1/4", with one end mitered at a 45° angle.

Step 7

Use your wood glue and brad nailer to secure 2 of your 17" pieces of cut lumber to the (1) 17" piece of lumber with both ends mitered at a 45° angle, making a U shape. Use your speed square to make sure your angles are 90°.

Step 8

Use your wood glue and brad nailer to secure the last (2) 17" pieces of cut lumber to your 7-1/4" pieces of cut lumber, making (2) L shapes. Again, use your speed square to make sure your angles are 90°.

Step 9

Once the legs of your table are dry and stable, stand up your U-shaped legs.

Step 10

Use wood glue to secure the other legs, so that it creates an X shape. Clamp the legs to ensure a secure fit as the glue dries.

Step 11

Place your circle of plywood on top of your legs (make sure to center it) and then secure the top with your brad nailer.

Step 12

Using your iron on the highest setting, iron on the edge banding. Tip: Use a piece of scrap wood to rub the edge banding as the glue cools to ensure a secure finish. Using your edge-trimmer, cut off any excess banding.

Step 13

Wood fill all nail holes and joints, wait until dry, then sand.

Step 14

Apply wood conditioner to the entire table.

Step 15

Apply the stain of your choice. (I used a whitewash.) Apply your poly top coat and let dry!