

HART™



Taco Stand

PROJECT PLAN

Finished Dimensions: 11-3/4"L x 7-1/4"W x 2-3/4"H


Skill Level: Beginner


Materials

Item	Qty
1" x 8" x 12" Board*	1
1/4"x 36" Wooden Dowel	1
Sand Paper**: 150g, 220g & 320g	
Drill Bits: 1/4"	
Wood Glue	

* Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

** Starting grit will depend on board surface condition, a rough surface will require starting with a coarse grit first.

 Grit is measured in the coarseness of the particles on the sandpaper. The lower the grit number, the coarser the paper. Heavy sanding would require 60 to 80 grit, medium sanding would require 120 to 220 grit, and finish sanding would require 320 to 400 grit. Super fine sanding would be 600 grit and higher.

 A select/premium board or plywood comes with a smoother surface finish. It is clear or has very few tight knots, and it will have straight and sharp edges. This grade of wood pairs well with other boards or panels better and requires less time to sand and finish.

Tools Used



Circular Saw



Drill/Driver



Orbital Sander



Hacksaw



Hammer



20V 1.5Ah Battery



20V 4.0Ah Battery



Charger



Tape Measure




Drill Bits



Safety Glasses

Also Needed:
Clamps
Masking Tape

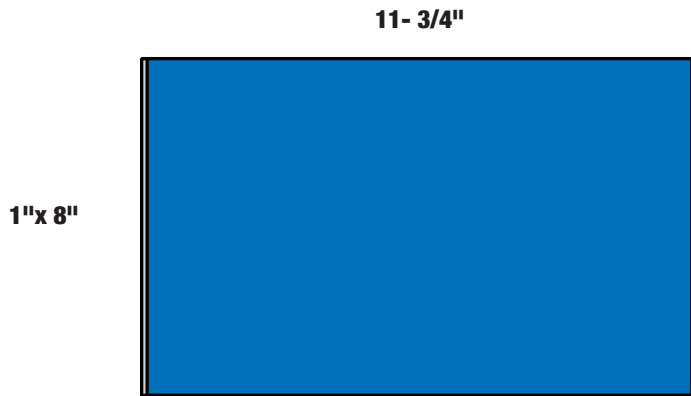
 **Battery Tip:** A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

Lumber Cut List

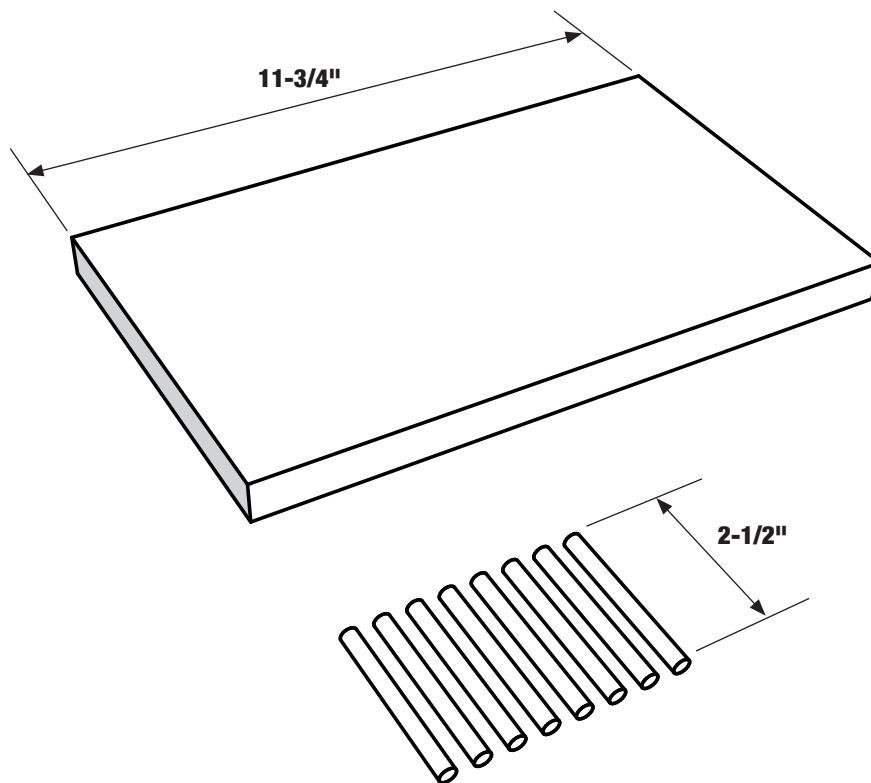
Board*	Cut to	Qty
1" x 8"	11-3/4"	1
1/4" Dowel	2-1/2"	8

* Board dimensions are "nominal." Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

Lumber & Sheet Lay-Out Guide



Lumber & Sheet Cut Lay-Out Guide



Assembly Instructions

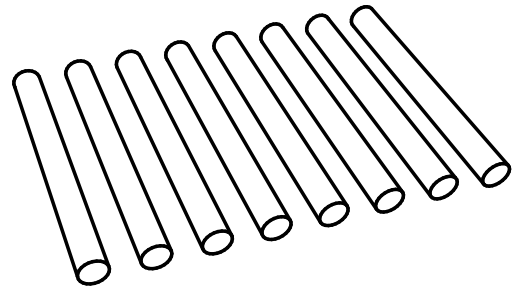
Step 1

Cut out all material using the Lumber & Sheet Cut Lay-out Guide.



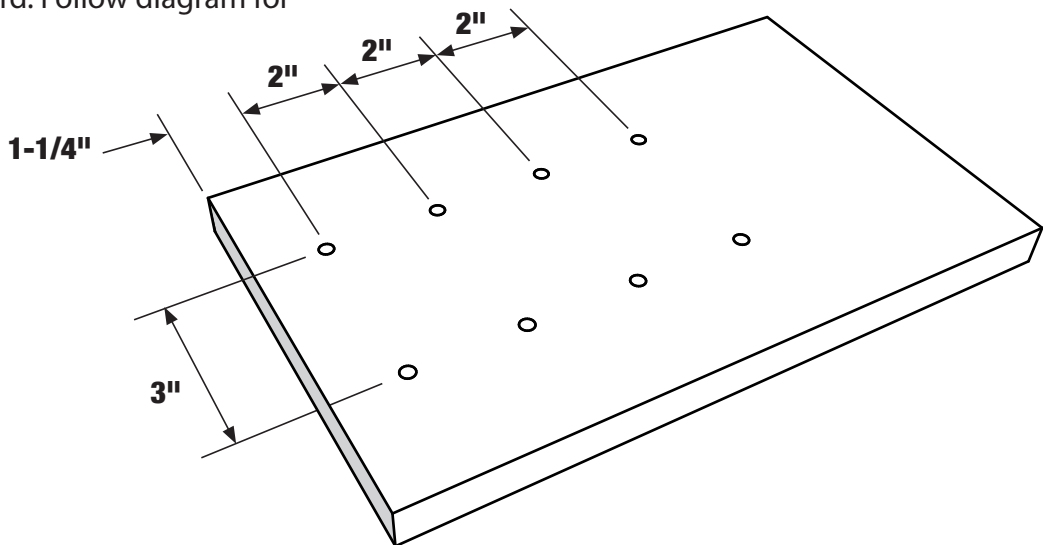
Step 2

Use a Hacksaw to cut eight dowel rods 2-1/2" long.

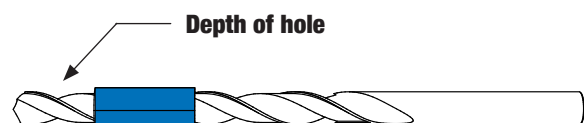


Step 3

Drill a series of eight holes that are 1/2" deep into the top of the board. Follow diagram for measurements.



H Tip -Wrap masking tape 1/2" from the tip of the drill bit to set the depth of the hole. When the tape meets the wood, stop drilling.



Step 4

Use the Orbital Sander to sand and soften the edges of the board. Lightly sand the circular ends of the dowel rods as well.



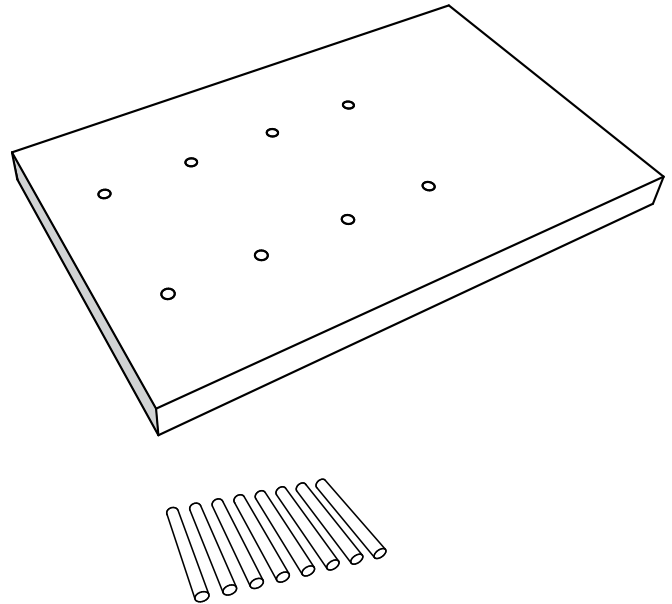
Rougher finish – Use 60-80 grit sandpaper to hand sand with the grain of the wood.

Smoother finish – Use 60-80 grit sandpaper to remove scratches & imperfections.

Followed by using 120-220 grit to smooth.

Finish Sanding – Use 320-400 grit sandpaper

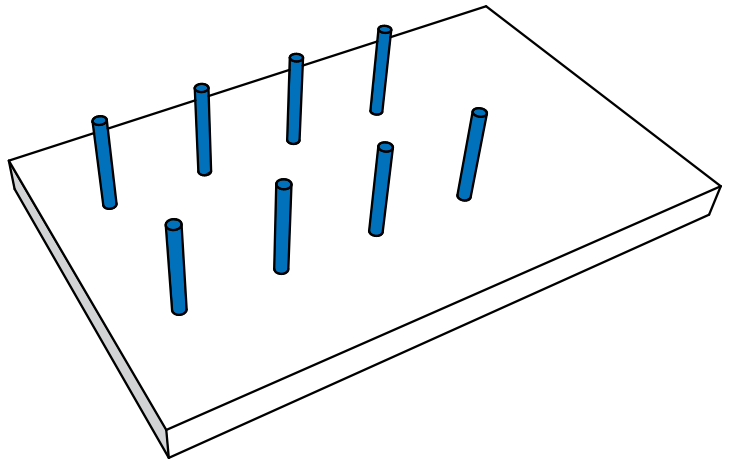
Super fine sanding – Use 600+ grit sandpaper



Step 5

Apply a small amount of wood glue into each hole.

Use a Hammer to drive a 2-1/2" dowel into each hole.



Step 6

Before using the taco stand, treat the wood with a food-safe oil. Be sure to follow manufacturer instructions.

