



## ◀ JASON WILSON

Jason Wilson is the CEO & owner of Dane Fabrication in Des Moines, Iowa, specializing in custom iron and woodwork. Featuring an eclectic mix of modern-rustic metal and woodworking design, his handcrafted pieces are both functional and unique.

Follow Jason on Instagram @DaneFabrication.

**SKILL LEVEL:** Beginner+  
**TIME COMMITMENT:** One day or less

### / TOOLS AND MATERIALS



Miller® Millermatic® 211 welder  
(or other MIG welder)



Spectrum® 625 X-TREME™  
(or other plasma cutter)



.030 MIG wire



Grinder  
(with grinding disk and sanding disk)

1/4  
inch

Thick steel plate



Marble top



High-grade adhesive

### Optional Equipment/Tools

14  
gauge

Steel round disk (4")



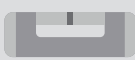
Clamps



Cardboard



Chalk or marker



Level



Clear sealant  
(or other finish)

**WARNING: READ AND FOLLOW ALL LABELS AND THE OWNER'S MANUAL.**

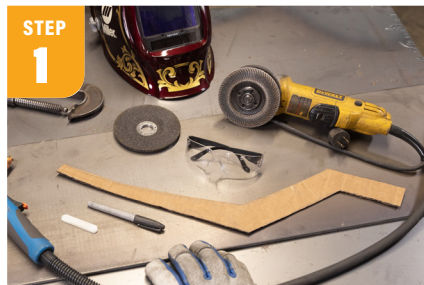
# SIDE TABLE

A DIY side table is a functional welding project that can be an attention-grabber in any space. Follow these steps to create a welded side table with a sculptural look — or customize it to be your own!



## STEP BY STEP

STEP  
1



First, draw the desired shape of the table legs on a piece of cardboard and cut it out. This will be used as your template for Step 2.

STEP  
2



Next, trace out your design on a 1/4" steel plate with a piece of chalk. Do this for all three legs.

STEP  
3



Cut out each leg with a plasma cutter.

STEP  
4



Once your legs are cut out, first use a grinding disk to clean the edges and remove any excess material, then use a sanding disk to soften the edges. If you want to give your table legs a hand-forged look, take a sanding disk and run it over the front and back of each leg.

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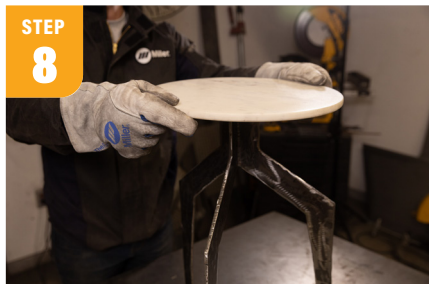
Take two of your table legs and tack weld at the top. Next, add the third leg and tack weld it to the other two. Place tack welds on the bottom where the three pieces meet. Then, adjust the legs to ensure they are correctly placed and weld together.



Grind down the tack welds on the top of the table base and smooth the bottom of each table leg with a sanding disk to ensure your table is level.



Optional: Tack weld a small disk onto the top of the table base for additional stability when mounting the table top.



Apply a high-grade adhesive to the disk (or directly to the top of the base if you skipped Step 7) and mount the marble top to your table base.



Optional: Add a sealant, finish or patina of your choosing to the table base — and your side table is ready to be used!



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