

Spark Your Project

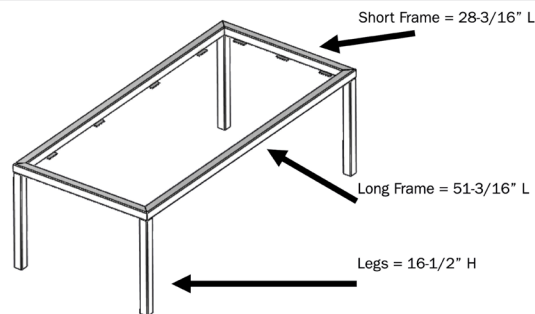
How to MIG Weld a Coffee Table

Tools & Materials Needed:

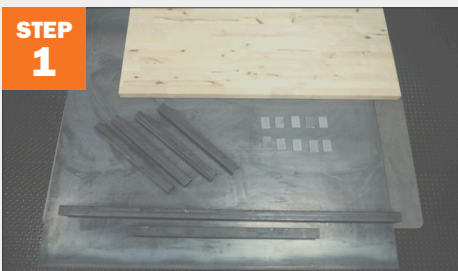
- Hobart® Multi-Handler™ 200 multiprocess welder
- Butcher top: 48" L x 25" W x 1-1/2" H
- 4 – 16-1/2" L x 1-1/2" W Square tubing
- 2 – 51-3/16" L x 1-1/2" W Square tubing
- 2 – 28-3/16" L x 1-1/2" W Square tubing
- 10 – 1-1/2" L x 2" W Tabs
- Clamps
- Magnetic holders
- Angle grinder
- Tape measure
- Combination square
- Carpenter square



Material Dimensions:



Steps:



Prep and cut all materials to size.
Note: The 4 pieces used to make the top frame of the table should be cut at a 45 degree angle.

- 2 - 51-3/16" L x 1-1/2" W
- 2 - 28-3/16" L x 1-1/2" W

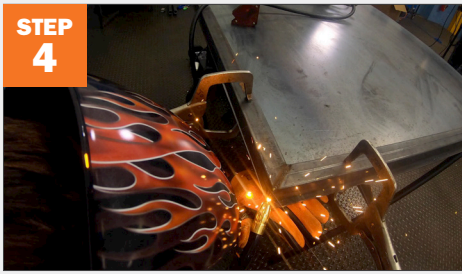


Clamp and square one short and one long table frame.

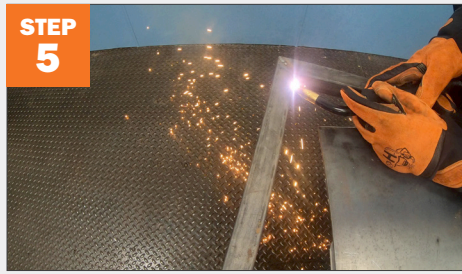


Tack weld corner into place.

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STEP 4
Tack weld the entire joint on the top and edge of the tubing to avoid burn through.



STEP 5
Weld the inside and bottom of the frame.
Tip: Weld the inside corner vertical down to achieve a flatter bead profile.



STEP 6
Repeat steps 2-5 to make second corner frame.



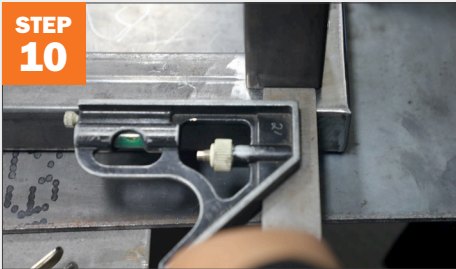
STEP 7
Square two corner frames.



STEP 8
Repeat steps 3-5 to weld two corner frames together.
Tip: To prevent burn through, make sure tack weld stops glowing orange before making next tack.



STEP 9
Using a flap disc, grind all the welds flush on each corner.



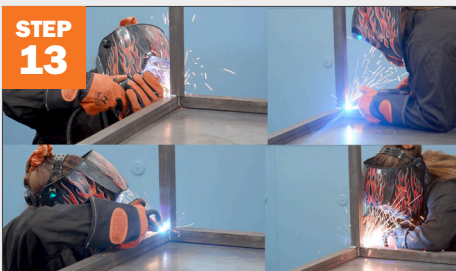
STEP 10
Offset one leg 3/8" from outside frame edge.



STEP 11
Square leg.



STEP 12
Tack & weld leg into place.



STEP 13
Repeat steps 10-12 for each leg.



STEP 14
Place and clamp tabs evenly around the bottom of the table frame.



STEP 15
Tack and weld all tabs.



STEP 16
Insert wood top and decorate.

Full Video: https://youtu.be/AaHDZp4K_MA

For more project ideas visit [HOBARTWELDERS.COM](https://www.hobartwelders.com)

