

# Spark Your Project

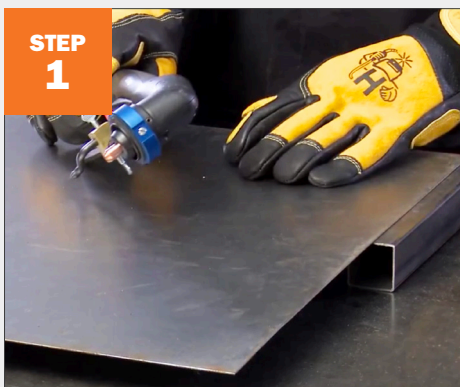
## How to Weld Sunflower Yard Art

### Tools & Materials Needed:

- Hobart® Airforce® 12ci plasma cutter
- Hobart® Handler® 100 flux-cored welder
- Circle cutting guide
- 1 – 2' x 3' x 16-gauge sheet steel (for center and leaves)
- 1 – 3/8" round bar cut to 5' (for stem)
- Hammer



### Steps:



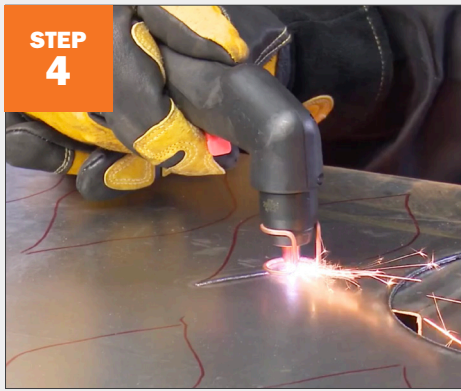
**STEP 1**  
Place the sheet metal on some metal tubing to raise it off the table. This allows the cut piece to drop and does not damage the table.



**STEP 2**  
Attach the circle cutting guide to the Hobart Airforce 12ci.



**STEP 3**  
Cut out a circle of desired size. It will be used as the center of the sunflower.



**STEP 4**  
Draw shapes of outer petals on sheet metal and cut using Hobart Airforce 12ci.



**STEP 5**  
Use a hammer to shape and add texture to the round piece.



**STEP 6**  
Take all the petals and arrange them around the outside of the circle. Set two aside for later.



**STEP 7**  
Tack and weld petals to the center circle.



**STEP 8**  
Use the table to bend petals tips to add dimension.



**STEP 9**  
Cut the round bar to the desired height.



**STEP 10**  
Optional: Place curves in the round bar to add effect of stem.



**STEP 11**  
Tack additional petals to the stem at whatever location you desire.



**STEP 12**  
Tack weld stem to the back of the sunflower at different points of contact.