

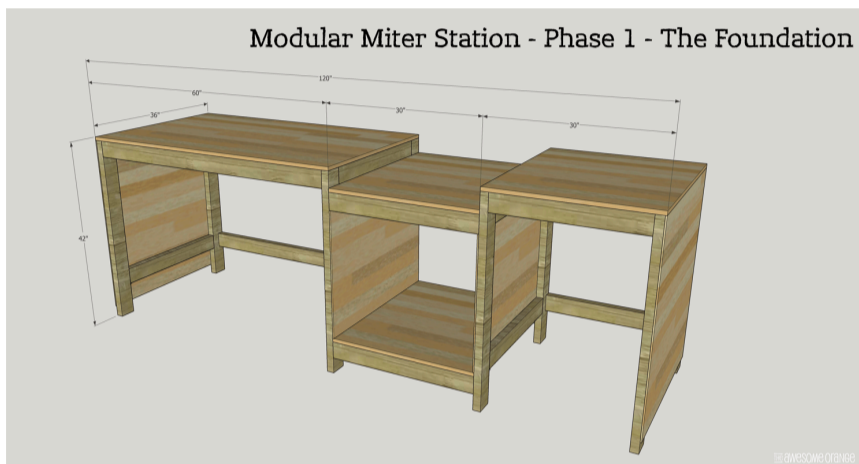
# Modular Miter Station – Phase 1 – The Foundation

By **The Awesome Orange**

Difficulty

Easy

Easy to build workshop miter station to fit everyone's needs. Large work top surface with endless possibilities for storage and cabinet for customizable dust collection. Be sure to check out Phase 2, 3, & 4 that you can pair with this build!



# Tools

## Kreg Tools

Rip-Cut™      [Rip-Cut™](#)

Wood Project Clamp - 6"      [Wood Project Clamp - 6"](#)  
Kreg® Pocket-Hole Jig 720      [Kreg® Pocket-Hole Jig 720](#)

## Other Tools

Circular Saw (corded)  
  
Miter Saw  
  
Square  
  
Tape Measure  
  
Drill (cordless)  
  
Nail Gun  
  
Air Compressor

# Materials

## Wood Products

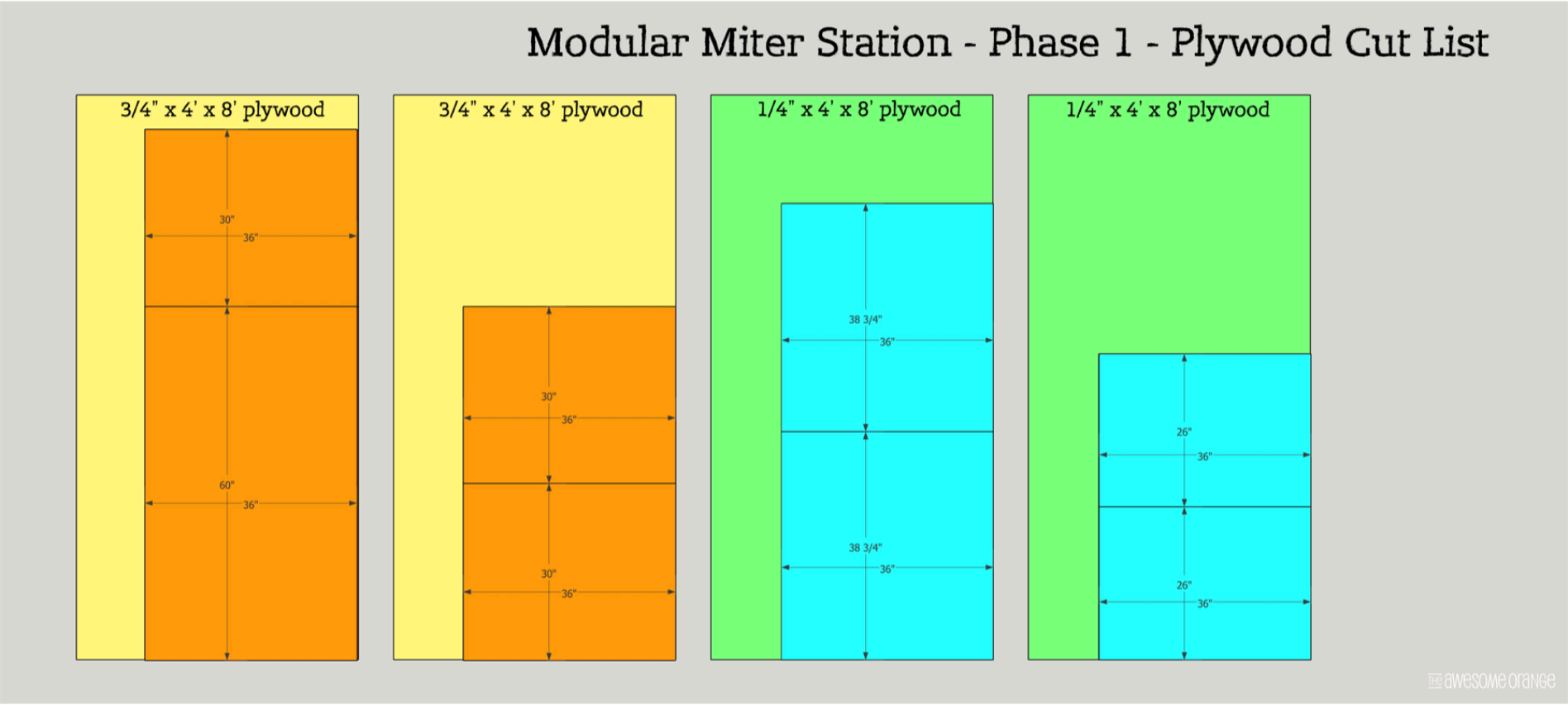
- 14**    Board , 2x4 , 96"
- 2**    Plywood , 3/4" Thick , Full Sheet
- 2**    Plywood , 1/4" Thick , Full Sheet

## Hardware & Supplies

- 1**    Box Of 2 1/2" Kreg Pocket Hole Screws- Coarse
- 1**    Box Of 1 1/4" Spax Wood Screws
- 12**   3" Spax Wood Screws
- 1**    5/8" To 3/4" 18 Ga Brad Nails

# Cut List & Parts

- 8 Legs , 1 1/2" X 3 1/2" X 41
- 8 Leg Rails , 1 1/2" X 3 1/2" X 29
- 3 Left Side Stretchers , 1 1/2" X 3 1/2" X 56 3/4"
- 3 Right Side Stretchers , 1 1/2" X 3 1/2" X 26 3/4"
- 4 Middle Section Rails , 1 1/2" X 3 1/2" X 30
- 5 Cross Supports , 1 1/2" X 3 1/2" X 33
- 1 Top Middle Section Support , 1 1/2" X 3 1/2" X 27
- 3 Tops - Middle Top & Bottom & Right Side , 3/4" X 30" X 36"
- 1 Top - Right Side , 3/4" X 60" X 36"
- 2 Side Panels , 1/4" X 38 3/4" X 36
- 2 Side Panels - Middle Section Bottom , 1/4" X 25 1/4" X 36

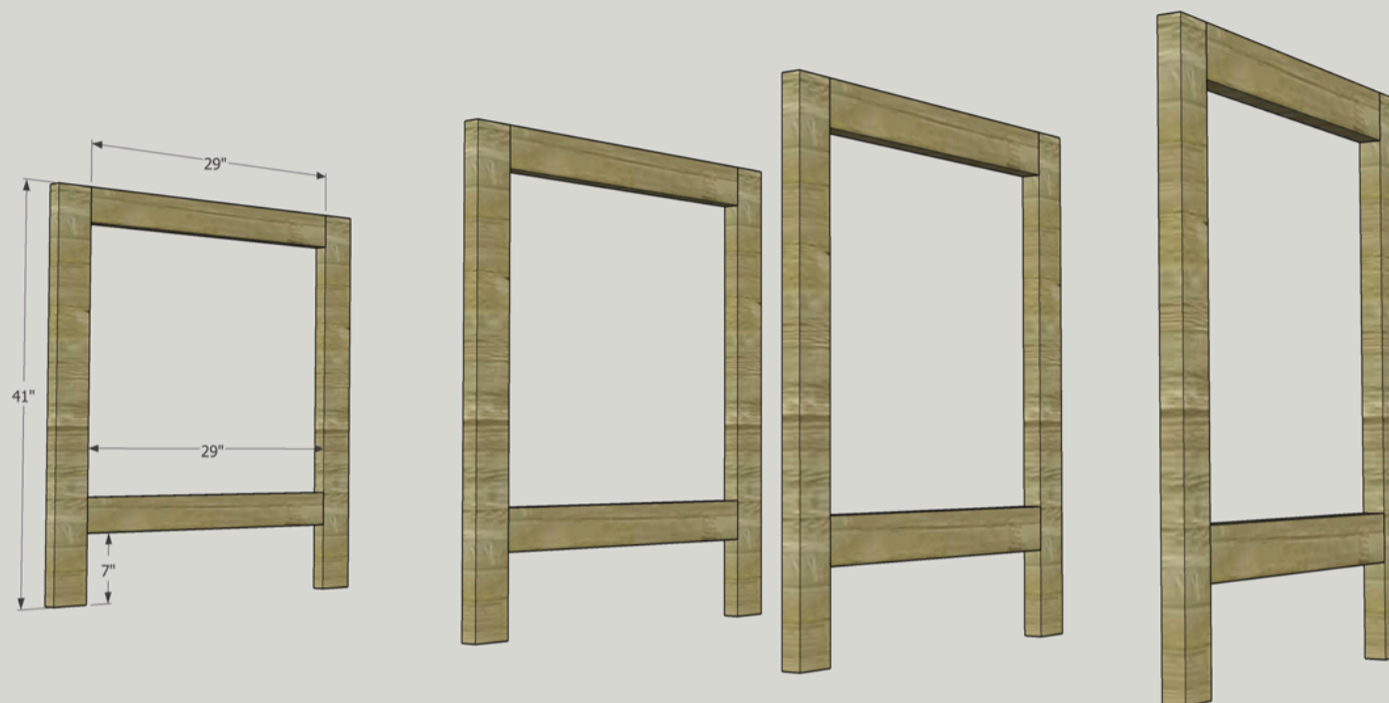


# Directions

**1****Assembly Four (4) Legs**

Use 1 1/2" pocket holes and 2 1/2" coarse pocket holes screws to assembly four (4) legs. Legs will be 41"H x 36"W. Be sure that bottom cross support is up approximately 7" from the bottom. This will give clearance for casters on Phase 2 & 3.

## Modular Miter Station - Phase 1 - Step 1

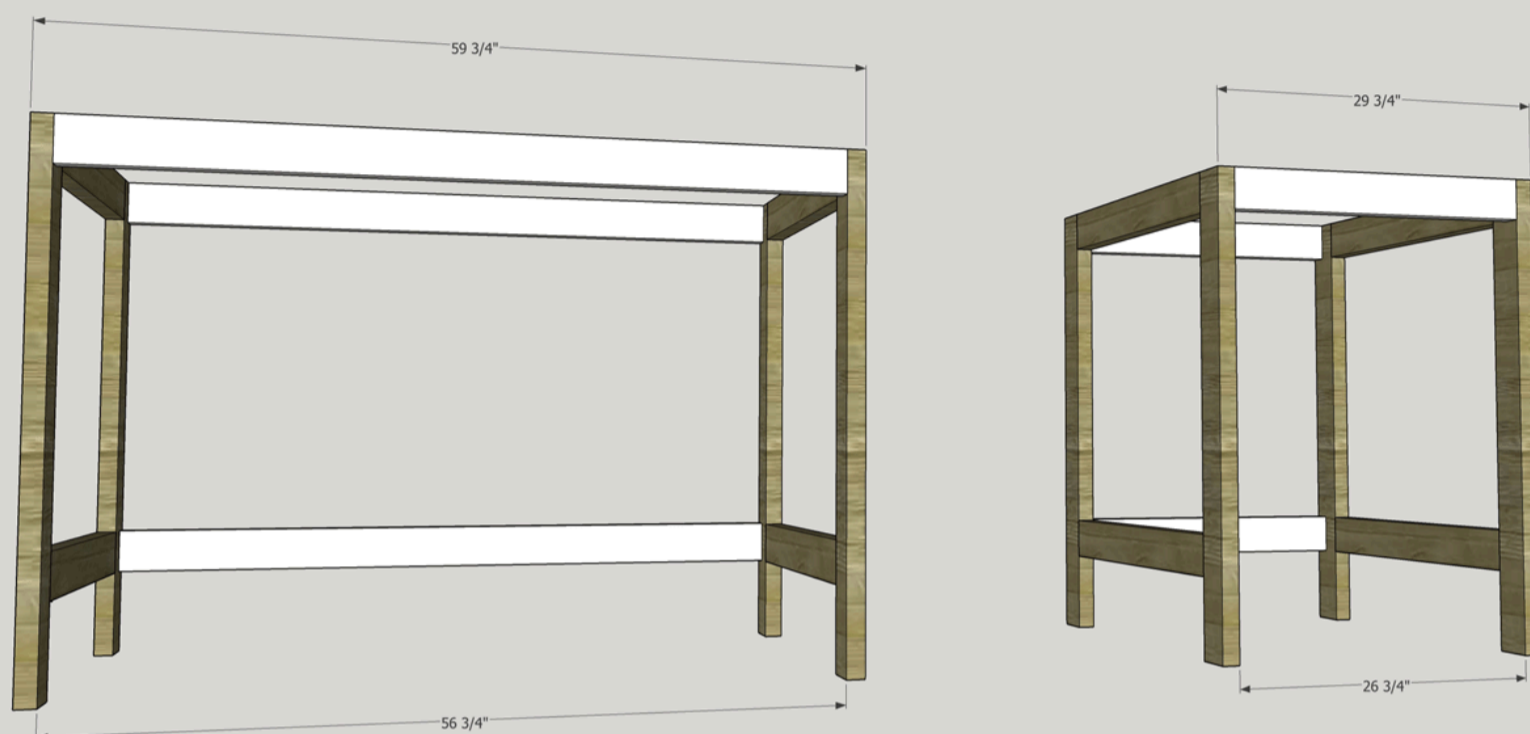


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**Add Stretchers**

Attach two (2) legs and the three (3) 56 3/4" stretchers using 1 1/2" pocket holes and 2 1/2" coarse pocket hole screws. Two (2) on the top front & back and one (1) on the bottom back approximately 7" up from bottom. Then on the other two (2) legs add the three (3) 26 3/4" stretchers the same way.

**Modular Miter Station - Phase 1 - Step 2**

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**Add Cross Supports**

Add cross supports on the top of the left and right sections using 1 1/2" pocket holes and 2 1/2" coarse pocket hole screws. \*\*\*I recommend waiting to cut these until you get to this step to ensure a tight fit.

**Modular Miter Station - Phase 1 - Step 3**

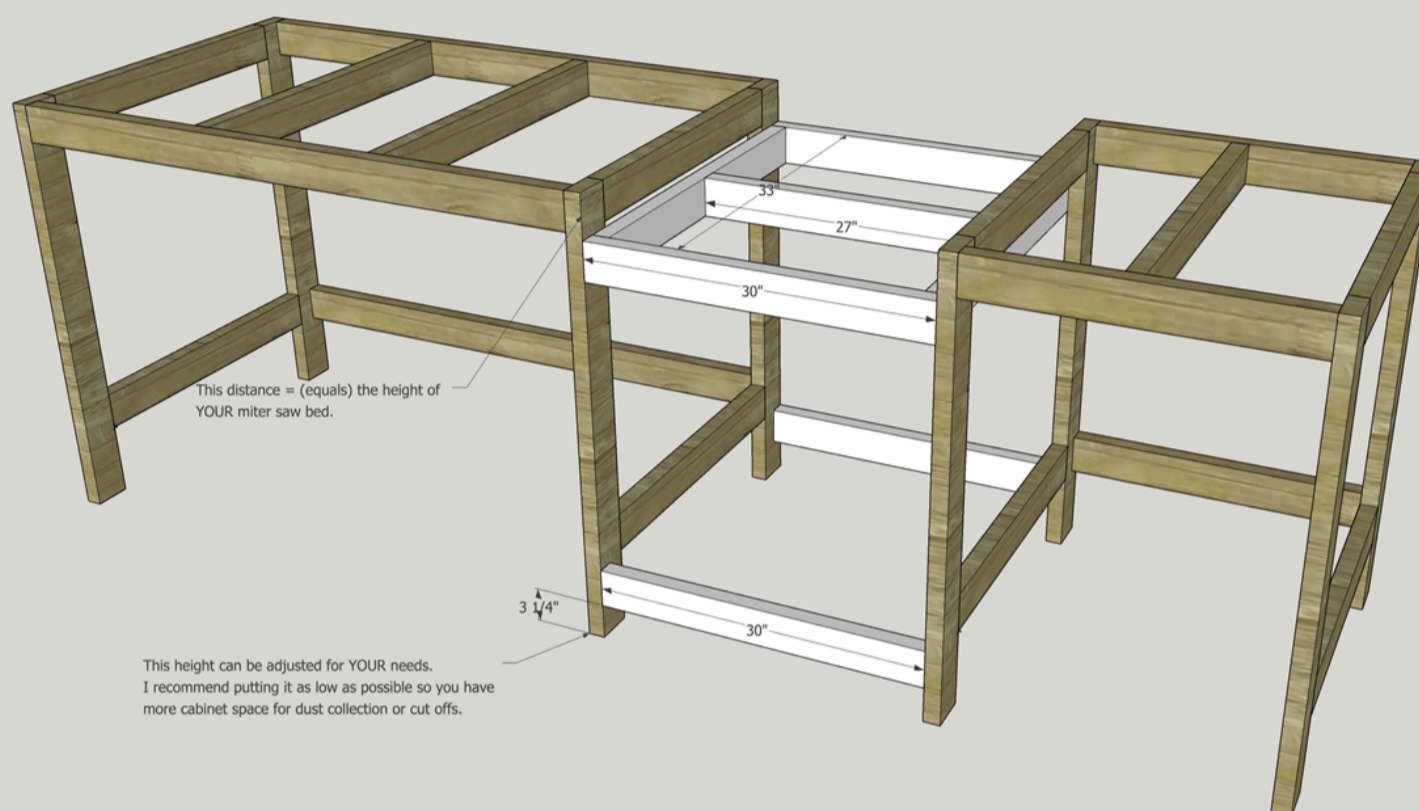
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## Assemble & Attach Middle Sections

Assemble top saw support section using 1 1/2" pocket holes with 2 1/2" coarse pocket hole screws. Then to install, measure YOUR miter saw to see how tall the bed is and attach it to the left and right side sections using 3" wood screws that exact distance down from the top. I recommend making spacers blocks to do this step to ensure accuracy! Then attach bottom two stretchers between the left and right sections using 1 1/2" pocket holes with 2 1/2" coarse pocket holes screws.

### Modular Miter Station - Phase 1 - Step 4



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## Attach Exterior Side Panels

Using 5/8"-3/4" 18 ga brad nails attach exterior side panels to the outside of the left and right sections.

### Modular Miter Station - Phase 1 - Step 5

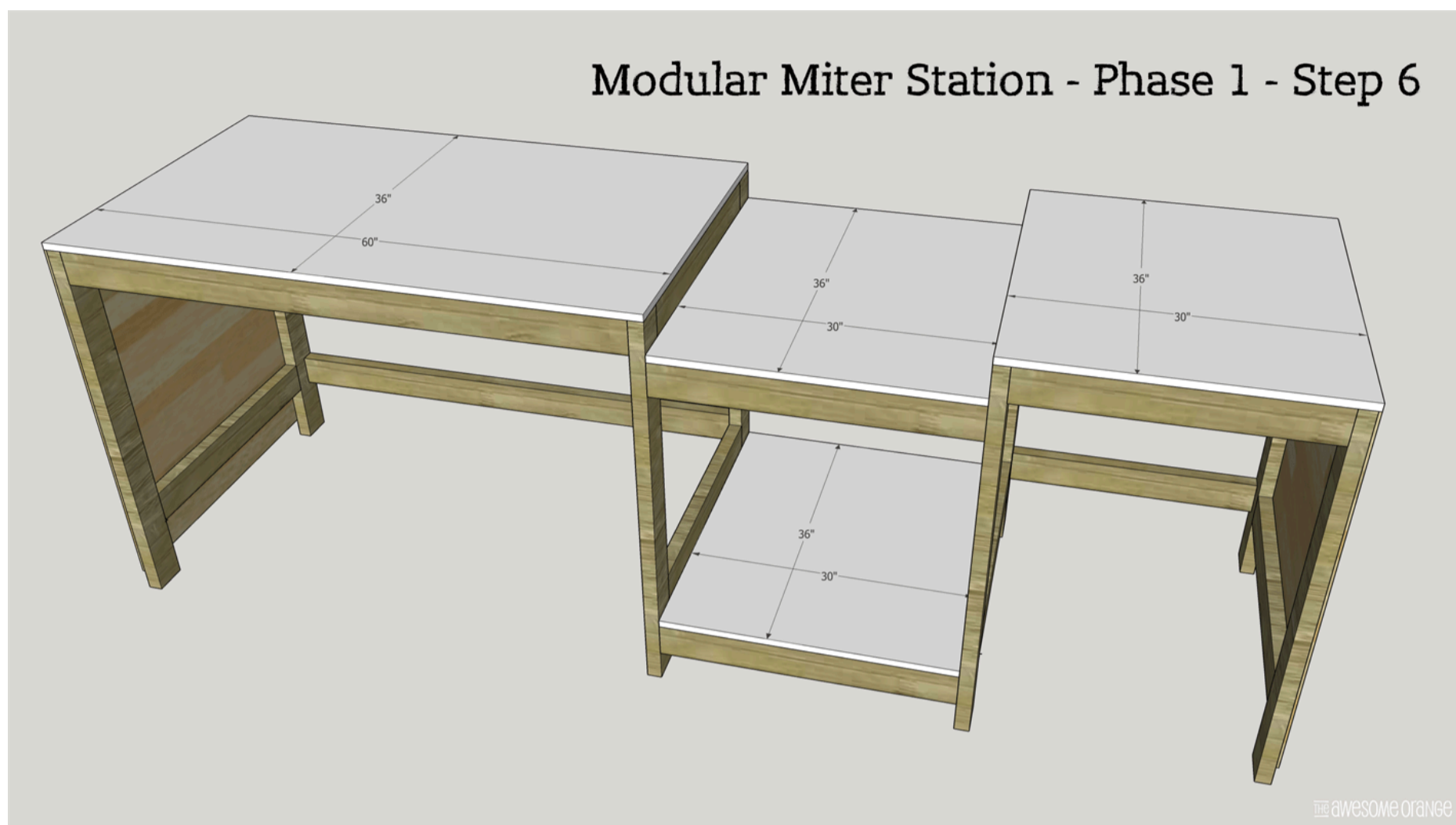


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## Attach Tops

Attach tops to each section using 1/4" wood screws.



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## Attach Middle Side Panels

Using 5/8"-3/4" 18 ga brand nails attach middle section side panels.



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Visit [www.theAwesomeOrange.com](http://www.theAwesomeOrange.com) to see more pics of this build and all four (4) phases of the Modular Miter Station. Happy Building and have an AWESOME day!

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## Build Loud, Build Wild

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