

# Building a Jigsaw Stand for Robotics Woodworking for Combat Robots



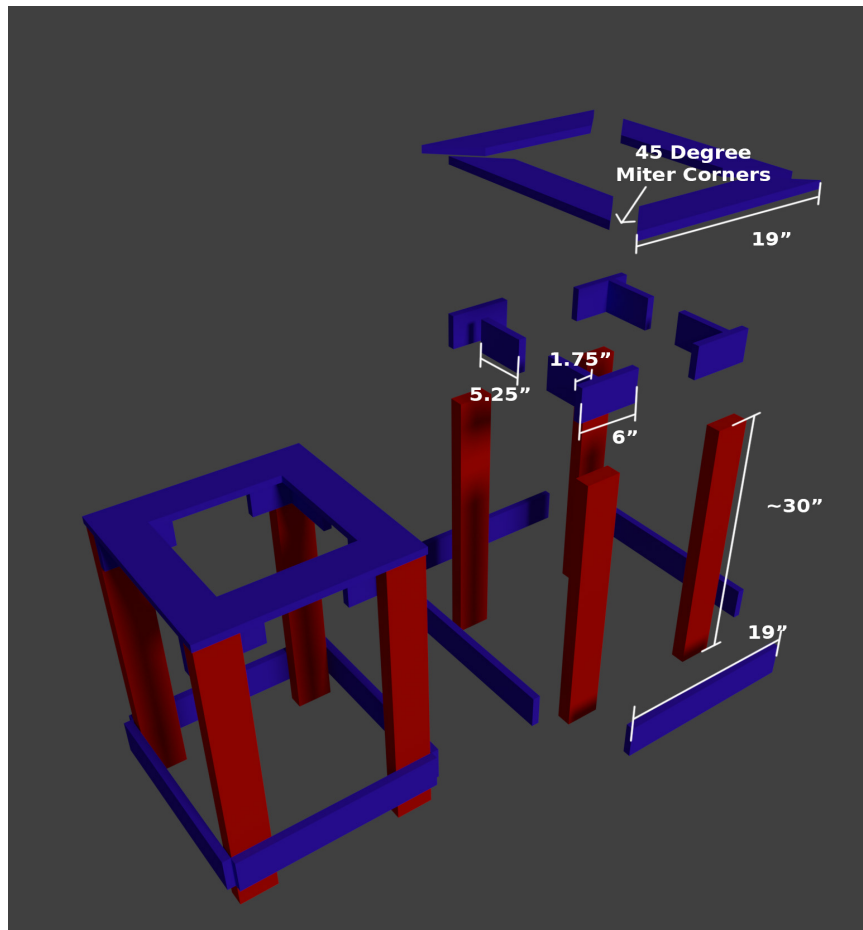
### Disclaimer:

Woodworking, especially with power tools can be dangerous and can result in serious injury or death. Be sure to follow all the safety instructions provided with your tools and always use safety equipment such as goggles, hearing protection, and respiration protection. Use common sense and if a particular action feels unsafe or dangerous, then don't perform that action. Finally, you are using these plans at your own risk.

### Build Video for this Project:

These basic plans are meant to be used as a supplement for the following build video:  
<http://tabletopbattlefield.com/jigsaw-stand-for-combat-robotics/>

### Dimensions:



**Blue Boards** – 1" x 4" boards. Actual size is .75" by 3.5"

**Red Boards** – 2" x 4" boards. Actual Size is 1.5" by 3.5"

## **Assembly**

As with all projects, be careful when driving screws to ensure that screws inserted in different directions do not collide with each other.

1) Start by cutting the Mitered Top Frame and glue it together. If screws or nails are used to hold the frame together, be careful where they are placed. The idea is that if required, the jigsaw can cut into this frame without issue. Nails and screws might interfere with this goal if not placed correctly.

2) Next, build the four top frame supports, using screws to hold the two pieces together.

3) Attach a leg to each of the four top frame supports. The exact length of the legs depends on the desired height of the table. Choose a height that allows for comfortable operation of a jigsaw.