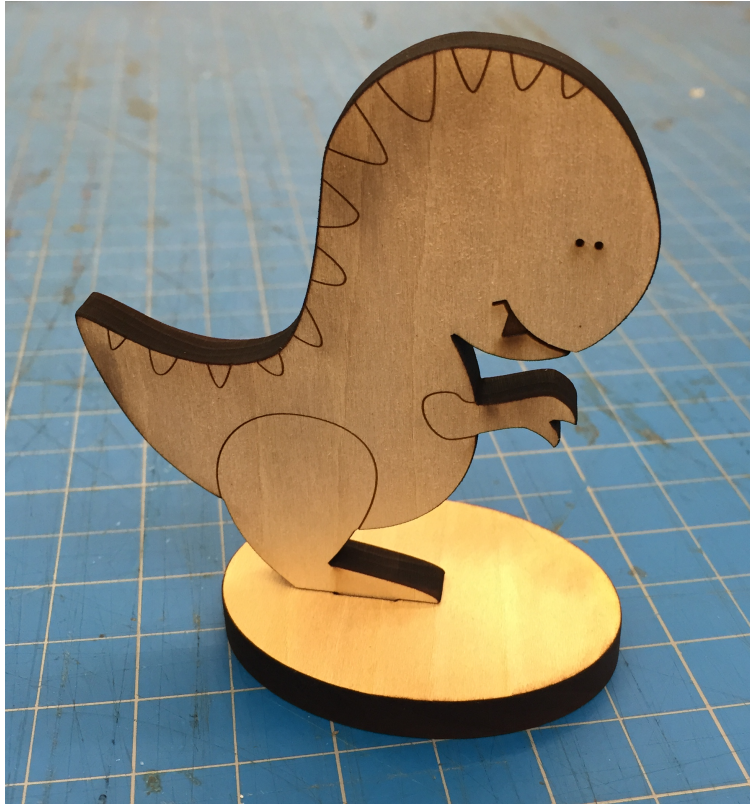


# Mr. T (Rex)

Mr. T (rex) is a friendly addition to any desktop! He consists of two parts, a body and a stand, that interlock with no adhesives needed.



## Materials:

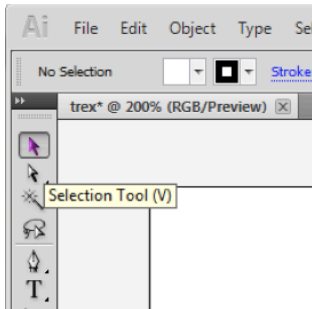
- You'll need at least **3" x 5.5"** of any wood or plastic material allowed on the Room 36 laser cutters. Basswood or birch plywood work particularly well for this!
- Cover both sides of your material with masking tape if you're concerned about smoke artifacts. Totally optional!

## How-to:

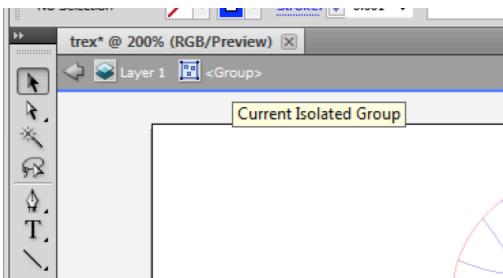
The trex.ai file has interlocking parts and will need to be altered depending on the thickness of the material you've selected. Go ahead and **measure your material thickness with calipers** before following the steps below.

- 1) Open up the trex.ai file in Illustrator.

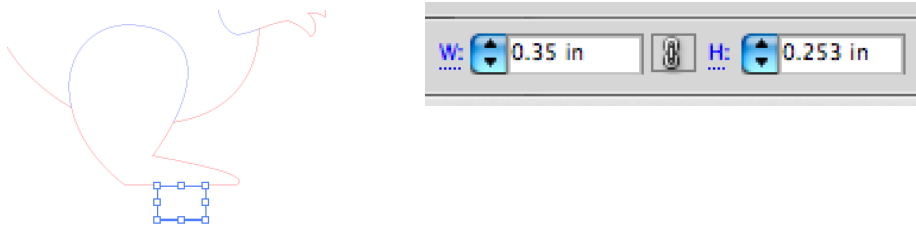
- 2) Hit “V” or otherwise make sure that you have the **Selection Tool** selected.



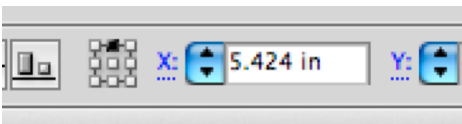
- 3) Double click anywhere on the dinosaur to enter “**Group**” mode



- 4) In “**Group**” mode, click on the tab underneath its foot to select it and look at its properties in the upper toolbar. You want the **height** to match your material thickness minus 0.010”. If it does already, skip to step 6. Otherwise...

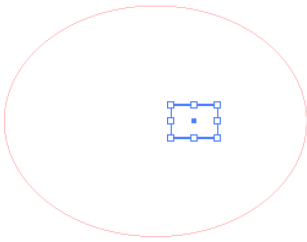


- 5) Make sure you select one of the top 3 squares in the **reference point grid**, then change the **height** to your material thickness minus 0.010”. Confirm by hitting **enter**.



- 6) Double click anywhere outside of the dinosaur to exit “**Group**” mode.

7) Now, change the stand's cutout width to match your material thickness minus 0.010". Click



on the rectangle inside the contour and change the **height** to the correct value. Confirm your entry by hitting **enter**.

- 8) Cut your parts! Follow the Room 36 Laser Cutting Setup guide from Step 2 onward.
- 9) Assemble by inserting Mr. T's tab into the stand's slot. If he doesn't quite fit, you can file down the slot until he does or make adjustments to your file and cut again.

