

# Pegas Scroll Saw Stand Assembly Directions

*In these directions, the letters that follow the part name refer to the letters on the Parts List.*

1. Open the stand box and remove all the pieces. Unwrap and lay them out, grouping same size pieces (such as the Legs) together.
2. Find the Parts List and check off quantity and size of what you have against the provided list to ensure you have a complete stand.
3. Are you are going to sit or stand for scroll saw work? This will be important when you assemble the legs. You also need to know if your saw will remain stationary or will need to be moved. A stationary saw will allow you to use the leveling feet supplied with the saw. If you plan to move your saw, you will need to purchase wheels (see Direction #11).
4. Re-group the pieces by function, starting with the **LEGS**. The legs require: **4 Legs (M)** and **4 Adjustable Leg Extensions (N)**, along with 8 carriage bolts, 8 washers and 8 hex nuts.
5. Next, group the **TOP SHELF** parts together. This includes: **2 Top Short Shelves (G)** and **2 Top Long Shelves (H)**, 8 carriage bolts, 8 washers, and 8 hex nuts. *NOTE: Top Long Shelf (I) goes with the 30" stand, instead of (H).*
6. The final group is the **BOTTOM SHELF**. For this section, you will use **2 Short Tie Bars (J)**, **2 Long Tie Bars (K)**, 8 carriage bolts, 8 washers, and 8 hex nuts. *NOTE: Bottom Long Tie Bar (L) goes with the 30" stand, instead of (K).*

**TIP:** Small bowls are a good way to keep the nuts, bolts and washers together for a section.

## **ASSEMBLY**

When you are first putting the pieces together, only finger-tighten the bolts, washers and nuts.

**TIP for beginners:** the bolt heads are always on the outside while the nuts and washers go inside.

## **LEGS**

The angled edges of the Legs (M) are the top, and the flat edge is the bottom. With the legs lying on the table, bolt the Leg Extensions (N) to the outside bottom of the Legs. This is when you choose the desired height of your stand, based mostly on whether you are going to sit or stand for your scroll work.

## **LEGS AND TOP SHELF**

7. Bolt the ends of a Top Short Shelf (G) to the *inside top* of 2 legs using 2 carriage bolts, 2 washers and 2 hex nuts. Do not bolt the top surface corners. Each assembly of 3 pieces should resemble a squared "U," and you should have 2 of them.

8. Bolt the two Top Long Shelves (H) to the *outside top* of 1 assembly from above. The "top" of the Top Long Shelf piece has 6 oval holes. These Top Long Shelves will be standing up somewhat precariously. Flip the assembly with the Top Long Shelves onto its top (now the legs are pointing up)

and find some way to weight it down (a friend or a board across the Long Top Shelves with a can of paint on it works well!). Bring the other leg assembly up to bolt it to the Top Shelf. It can be helpful to find 2 long (30") thin pieces of wood and clamp them from the already-bolted legs to the yet-to-be-bolted legs for stability. Bolt the 2<sup>nd</sup> leg assembly to the existing one with 2 carriage bolts, 2 washers and 2 nuts. When all of the ends are bolted, you should have 8 carriage nuts, bolts and washers around the outside of the top.

### **BOTTOM SHELF**

**9.** Remove any supporting pieces you clamped to the legs and turn the stand back on its side. Begin bolting the Bottom Shelf pieces to the stand. Be sure to bolt the long Tie Bar to a side where there is a Top Long Shelf above it. The Tie Bars (J & K) should be bolted to the inside of the legs. If you are struggling to hold the Tie Bar in place, consider using a clamp for one end while you bolt the other end.

### **FINISH**

**10.** Now that all parts have been put together, methodically go around the stand, tightening all nuts and bolts using a 15/32" (12mm) wrench or ratchet. Ratchets are a great way to make the final tightening easy and quick. Make sure you get all 24 of the nuts and bolts (plus the leveling feet if used).

**11.** To attach the Leveling Feet (E), insert the stem into the hole at the bottom of the leg extensions. Double-nut them with 8 nuts (F) and 4 washers (from the floor up - the order is the plastic foot, nut and washer; above the leg extension piece, the second nut).

If you plan to use wheels to increase the mobility of your saw, this is the time to do it. On the bottom of the Leg Extension is a hole for the stem of the caster (wheel). There are two types of wheels: stem casters and plate casters. You want stem casters. One suggestion for wheels: use tall wheels in the back and short wheels in the front. The angle this creates will decrease the strain on your neck. Whichever size of wheels you get, they ALL need to have brakes.

**12.** Lastly, using the (4) - 1" hex bolts (A), and the washers and nuts that attached the saw to the shipping board, attach the saw to the stand.

***The only thing left is to enjoy your wonderful Pegas Scroll Saw!***

**Optional:** make a shelf for the top of the tie bars. Cut the outside edges to 20° to follow the outside edge of the tie bars. One way to improve the fit is to cut the shelf in half at a 45° angle so you can insert one half at a time.