How to calibrate your scale to your Bendarc

Calibrate this way if you are using our Bendarc Bend-A-Bow software:

- Feel along flat area where the tubing clamps and find the spot where the curve starts.
- Mark the curve start spot.
- Have a helper hold the end of a tape measure at this spot and pull the tape to the left 50 inches (or 125 centimeters) and mark that point.
- Align the 100 inch point on the scale with the 50 inch point you marked (or the 250 centimeter point with the 125 centimeter mark).

Calibrate this way if you are using our manual instructions:

- Bend a piece of tubing exactly 90° (straight down).
- Have a helper hold the end of a tape measure on the outside edge of the bent tube, and pull the tape to the left 50 inches (or 125 centimeters) and mark that point.
- Align the 100 inch point on the scale with the 50 inch point you marked (or the 250 centimeter point with the 125 centimeter mark).

Notes:

- You will need to move the scale or have an additional scale mounted for each forming block (radius) size you use.
- Metric users who use our computer-based Bend-A-Bow software must enter the radius size in centimeters as follows:

Radius size in inches = radius in centimeters

6 inch	15.2 centimeters
8 inch	20.3 cm
10 inch	25.4 cm
12 inch	30.5 cm

Forming blocks are hand turned on a custom-built machining center, and they may vary slightly from the stated radius. If you're using our software, you can be even more accurate by measuring from the center of the circle to the mid-line of the tube to get a precise radius and enter that into the software formula. For example, you may have a Bendarc stated as 10" or 25 cm, but upon measuring it may be exactly 10.1 or 26 cm. If so, enter that corrected number as your radius.