



The purpose of calibration is to heighten the dimensional accuracy of the x-axis and y-axis measurements produced by your SmarTrac Signcutter.

To calibrate your SmarTrac Signcutter:

1. Turn on the SmarTrac.
2. On the SmarTrac keypad press "Set Origin" to place the machine online.
3. From your computer open the Ioline Control Center software that was originally provided with your machine.
4. From the main menu select "Calibrate" then "Calibrate Plotter". The "Set Calibration" window should appear.
5. Before calibrating, reset your SmarTrac's "Calibration Setting" to its factory default (1.0000), click on "Reset Calibration".
6. Install media large enough for the calibration plot. See table below:
7. Click on "Calibration Plot" to plot the stored calibration plot. Your SmarTrac will plot a rectangle. See the table below for the size of the rectangle.
8. Measure the lines precisely to 3 decimal places. Average the measured x and y lines of the rectangle. The averaged values are the measured values you will enter into measured fields of the "Calibration Plot" window.
9. Accurately enter the measured values in the fields labeled "Measured".
10. Click on "Set Calibration".
11. Your SmarTrac will calibrate itself, and the new "Calibration Setting" will be displayed.
12. Click on "Done" when you are finished.

Calibration Table			
Model	Minimum Media	X-Axis	Y-Axis
SmarTrac 130	42" x 30"	40"	28"
	107 cm x 76 cm	101.6 cm	71.1 cm
SmarTrac 110	42" x 30"	40"	28"
	107 cm x 76 cm	101.6 cm	71.1 cm
SmarTrac 85	42" x 30"	40"	20"
	107 cm x 76 cm	101.6 cm	71.1 cm
SmarTrac 60	42" x 22"	40"	20"
	107 cm x 56 cm	101.6 cm	50.8 cm