



FIGURE 1

SETUP CONFIGURATION

The configuration jumpers and switches are located inside the control box. To access them, open the enclosure by first removing AC power to the control box, remove the four screws which secure the cover plate to the bottom plate, and then remove the top. The circuit board is attached to the top cover.

Before using this setup procedure, the following must be determined:

1. Line Voltage: 115 or 230 VAC?
2. Type of Measurement: Web width or edge position?
3. Jog Direction: Which direction for each of the push buttons?
4. Units to be Displayed: Inches or millimeters?
5. Display Polarity: Directions corresponding to increasing and decreasing measurements.

Refer to Figure 1 for the location of the jumpers and switches referred to in the following procedure.

1. To configure the Pro-Trac 100 for 115 VAC or 230 VAC operation, install 16 or 18 AWG wire jumpers on TB1 terminal block (located inside the control box) as follows:
 - A. For 115 VAC operation, use one jumper on TB1 from pin 4 to pin 5 and another jumper on TB1 from pin 6 to pin 7.
 - B. For 230 VAC operation, use one jumper on TB1 from pin 5 to pin 6.

NOTE:

Steps 2 through 5 describe the jumpers and switches used to configure the operating parameters of the Pro-Trac 100 control. These jumpers and switches are located inside the control box.

Unless otherwise specified, the Pro-Trac 100 control station will be configured at the factory as follows.:

- A. Jumper JP1: "Web Width" position. Display shows "Web Width."

- B. Jumper JP2: "A" position. Left jog button moves the sensor toward the motor end.
- C. Switch S1: "Inch" position. Display shows "Inches."
- D. Switch S2: "+" position. Display increases as sensor moves further from motor end.

See Steps 2 through 5 for explanations of these selections.

NOTE:

To change the configuration, use Steps 2 through 5 to set the jumpers and switches to match the installation requirements.

2. Web Width/Edge Position Select, Jumper JP1

- A. If "Web Width" is to be displayed, this jumper must be placed in the "A" position.
- B. If "Web Edge Position (or Sensor Lateral Position)" is to be displayed, this jumper must be placed in the "B" position.

3. Jog Polarity Selection, Jumper JP2

- A. If it is desired to have the "Left" jog button move the sensor toward the motor end of the positioner and the "Right" jog button move the sensor away from the motor end of the positioner, this jumper must be placed in the "A" position.
- B. If it is desired to have the "Left" jog button move the sensor away from the motor end of the positioner and the "Right" jog button move the sensor toward the motor end of the positioner, this jumper must be placed in the "B" position.

4. Inch/MM Selection, Switch S1

- A. If it is desired to display web width or sensor position in inches, this switch must be set to the "Inch" position.
- B. If it is desired to display web width or sensor position in millimeters, this switch must be set to the "MM" position.

5. Display Polarity Selection, Switch S2

- A. If it is desired to have the display increase as the sensor moves further from the motor end of the positioner, this switch must be set to the "+" position.
- B. If it is desired to have the display decrease as the sensor moves further from the motor end of the positioner, this switch must be set to the "-" position.

6. Enclosure Reassembly

- A. Align the bottom plate with the rest of the enclosure.
- B. Insert the two longer screws (which were previously removed) into the upper left and lower right holes of the front panel and thread them into the supplied nuts. Slightly tighten these screws.
- C. Insert the two shorter screws (which were previously removed) into the other two opposing corner holes of the front panel and thread them into the rear panel.
- D. Tighten all four screws to seat the rubber seals on the enclosure.