



Advanced Solutions Division

Support Bulletin: RASD-SB00018
Model: Roland EGX-300/PNC-2300A
Subject: Bed Leveling Kit Instructions
Date: 4/17/2006
Author: RR

Roland EGX-300/PNC-2300A Bed Leveling Kit Instructions

Accessories List:

The following items are included in the Bed Leveling Kit.

- 5- Self-adhesive 2"x8 3/4" Corian® Strips
- 1- Engraving Tool 1/8" Shank (0.090" tip diameter)
- 1- CD-ROM (contains the SURFACE.PLT file and DROPOUT.EXE print utility)

Tools Needed:

The following tools (which are bundled with the EGX-300/PNC2300A) will be needed to complete this task.

- 1- Red handled hex wrench
- 1- Depth Nose (Nosecone)
- 1- Dust collection hose (optional)

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1. Power the EGX-300/PNC-2300A Off.
 2. Working with one section at a time, peel the liner from the back of each Corian® strip.



3. Align each strip over the existing table and apply one section at a time.



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4. Be sure to leave the T-Slots uncovered for future use.



5. Remove the brass cutter holder from the tool and install the brass cutter holder onto the spindle unit.



6. Power on the EGX-300/PNC-2300A and press the ENTER key to initialize the unit.

7. Once the unit finishes initializing, press the ←, →, ↑, ↓ keys to move the carriage to the lower left corner of the bed leveling kit.

8. Press the ENTER key to display the POSITION SET menu.

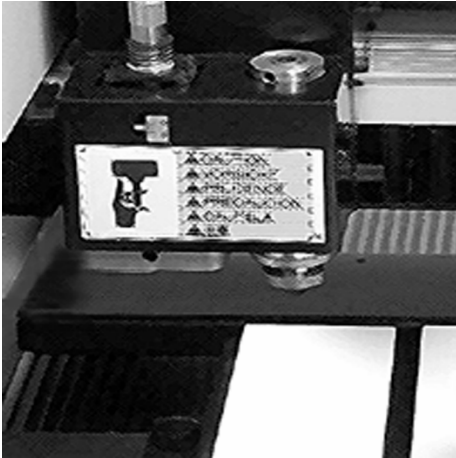
9. Using the arrow keys, move the blinking cursor over the XY-Axis and press the ENTER key (the display should read SET HOME POS).

10. Press the ENTER key, the display will ask if you are sure. Move the cursor over the "Y" and press the ENTER key to set the home position.

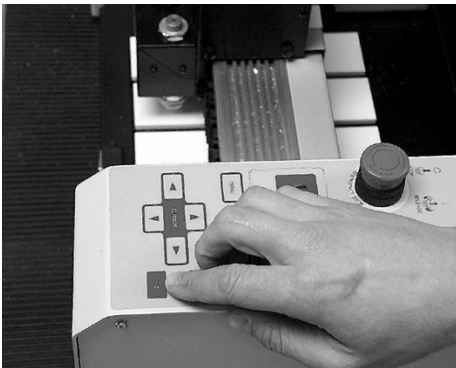
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11. Using the arrow keys, move the carriage over a flat spot on the material (anywhere other than the corner).



12. Press the Z- key to bring the Z Axis to about 1/8th above the surface of the material. Once at that position, install the cutter (0.090") until the tool touches the surface of the material.



13. Press the ENTER key to display the POSITION SET menu.

14. Using the arrow keys, move the blinking cursor over the Z-Axis and press the ENTER key (the display should read SET Z1 Z0 Z2).

15. Move the cursor over the Z0 position and press the ENTER key, the display will ask if you are sure. Move the cursor over the "Y" and press the ENTER key to set the home position.

16. Press the MENU key to get to the CLEAR REPEAT I/O OTHERS menu.

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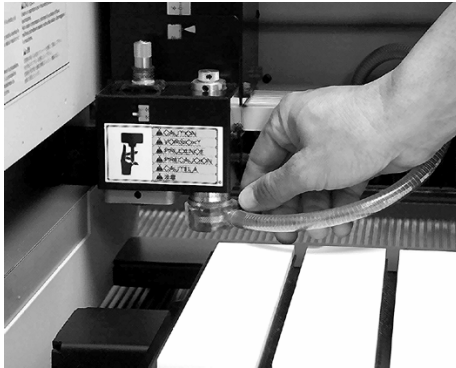
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17. Move the cursor over the OTHERS and press the ENTER key.

18. The first item is REVOLUTION. Ensure that it is set to ON. If not, move the cursor over the ON setting and press ENTER to enable the spindle unit.

19. Install the vacuum hose adapter onto the nosecone assembly and secure it in place by tightening the thumbscrew. *(This step is optional but can save time in the cleanup process)*



20. Set the spindle speed dial knob to the maximum setting.

21. Using the **DROPOUT.EXE** utility (located on the CD-ROM), go to File>Print Setup and select the Roland CAMM2 EGX-300 or PNC-2300A from the drop down menu list and click OK.

22. Drag and Drop the **SURFACE.PLT** into the **DROPOUT.EXE** window and click Output to send the file to the engraver.

23. Surfacing should complete in approx. 30 minutes.