Roland Troubleshooting Tips
Topic: MPX-60 – What to do if…
ST090804

What to Do If...

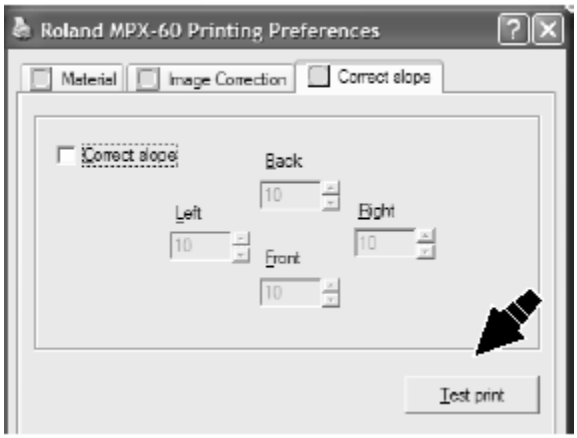
The image at the same location is always too light (or too dark), or the image is uneven.

If the image is often too light near the front-right area of the base, adjusting the tilt of the base may improve image quality. Doing this can reduce unevenness in the image due to the marking position.
Image unevenness due to tilt is often hard to detect near the center of the base, and tends to become more conspicuous at distances increasingly farther away from the center (especially with larger images). Adjustment for generally favorable image quality is performed when the machine is shipped from the factory, but you should adjust the tilt to for each individual situation to achieve an optimal state. Note: that even after adjustment, image unevenness may occur that is due to factors other than tilting of the base, such as warping or deformation of the workpiece. Also, adjustment has no effect on image unevenness that is unrelated to the marking location, such as cases in which the location where image unevenness occurs is different with each workpiece or image.

1. Load the workpiece included with the machine at the center of the base. If the included workpiece has been used up, then prepare a workpiece that is larger than 60 mm and has a smoothness of 0.05 mm or less.

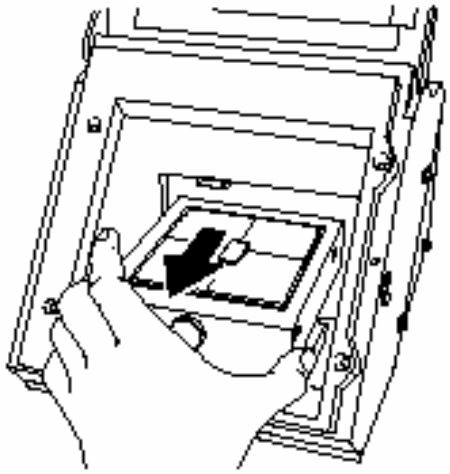
2. Go into the [Printers] folder. Right-click the [Roland MPX-60] and open the setting screen for the METAZA driver. **Windows XP/2000:** Click [Printing Preferences]. **Windows 98/Me:** Click [Properties].

3. Click the [Correct Slope] tab.

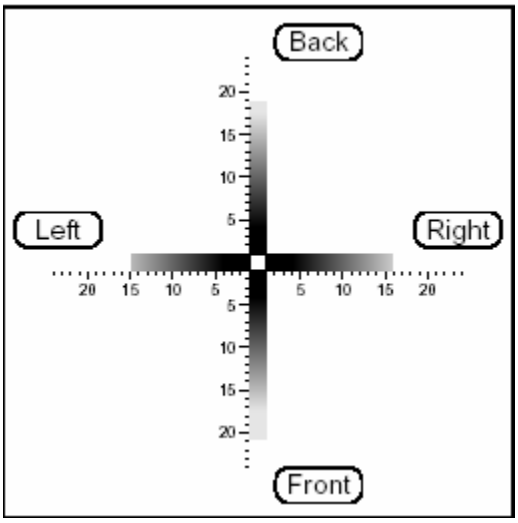


4. Click [Test print]. The test pattern is marked on the workpiece.

5. Grasp the base on both sides and pull back toward you to remove.



6. Use the scale to read and note down locations where the test pattern is not continuous or not visible. ***Note***: down the values in all four directions (front, back, left, and right).



7. Select [Correct slope] and enter the scale values you noted into the driver.