



Roland Troubleshooting Tips

Topic: MPX-60 – What to do if...

ST090804

What to Do If...

MPX-60 is performing fine, but marking is not possible.

Is the workpiece loaded at the correct location?

If empty marking is being performed at a location other than where the workpiece is loaded, reload the workpiece.

Does the workpiece meet the "Conditions for materials that can be marked"?

See user's manual on "2-1 Getting Ready to Perform Marking" and prepare a workpiece that can be marked. See following table for an example list:

** Note that even if thickness and size are within the range as described above, it may not be possible to perform marking correctly on materials that **warp** when struck. Refer to the table below, which provides a general guide to markable sizes according to thicknesses.*

Material	Thickness	Markable workpiece size (general guide)
Aluminum	2.0 mm (0.08 in.)	Length (or width) of 60 mm (2-3/8 in.) or less
	1.5 mm (0.06 in.)	Length (or width) of 40 mm (1-9/16 in.) or less
	1.0 mm (0.04 in.)	Length (or width) of 30 mm (1-3/16 in.) or less
	0.5 mm (0.02 in.)	Length (or width) of 20 mm (3/4 in.) or less
	0.3 mm (0.01 in.)	Length (or width) of 20 mm (3/4 in.) or less
Brass or copper	2.0 mm (0.08 in.)	Length (or width) of 60 mm (2-3/8 in.) or less
	1.5 mm (0.06 in.)	Length (or width) of 40 mm (1-9/16 in.) or less
	1.0 mm (0.04 in.)	Length (or width) of 30 mm (1-3/16 in.) or less
	0.5 mm (0.02 in.)	Length (or width) of 15 mm (9/16 in.) or less
	0.3 mm (0.01 in.)	Length (or width) of 15 mm (9/16 in.) or less
Stainless steel	2.0 mm (0.08 in.)	Length (or width) of 60 mm (2-3/8 in.) or less
	1.0 mm (0.04 in.)	Length (or width) of 40 mm (1-9/16 in.) or less

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