



Laser Marking Technologies

(Original Instruction)

Instructions for Rotary Marking

COBALT Dominator

Thank you for choosing LMT for your laser needs!

please feel free to contact us per the methods listed below.

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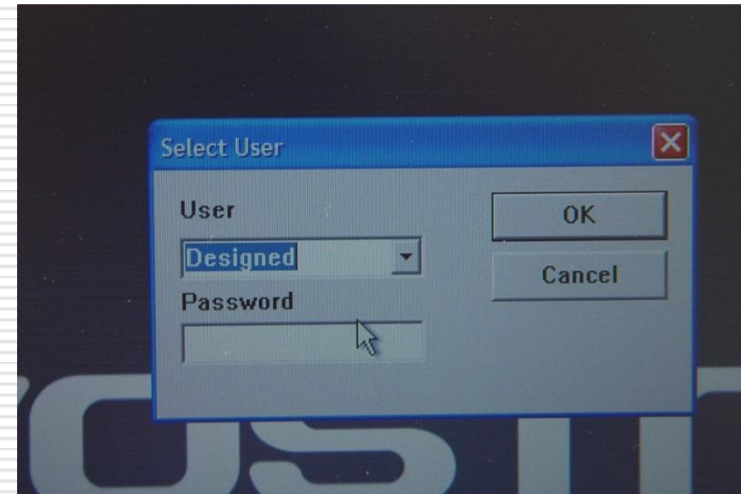
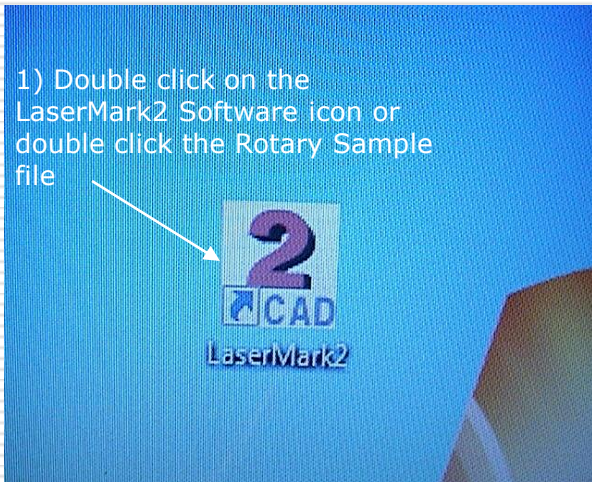
Sales: leo@gsetechnology.com

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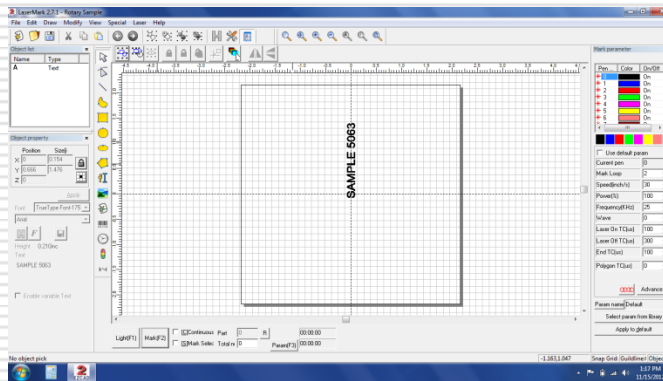
Double click on the Lasermark2 software.

1) Double click on the LaserMark2 Software icon or double click the Rotary Sample file



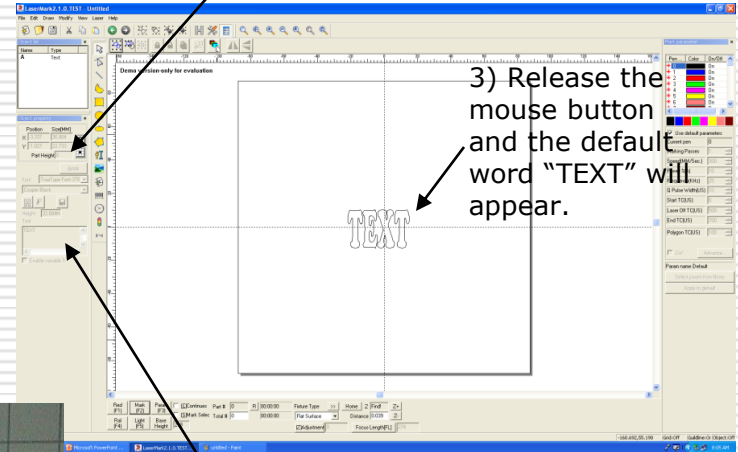
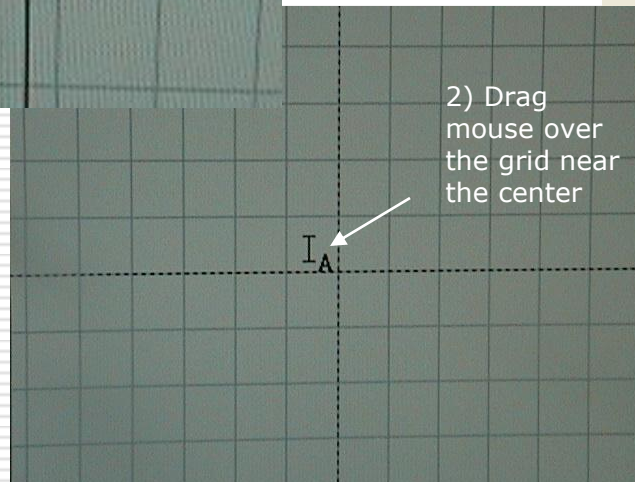
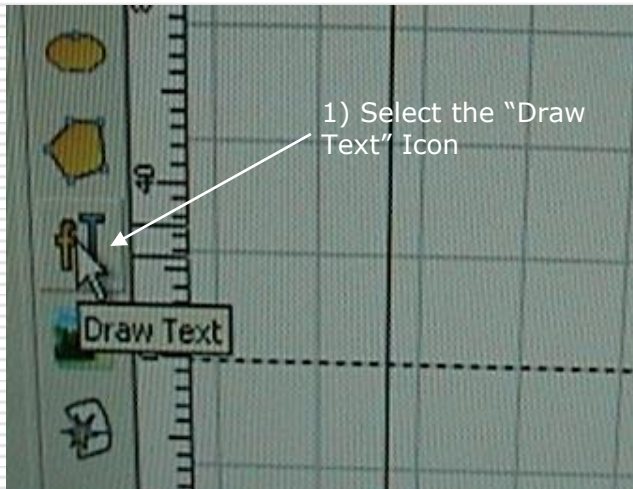
2) Select DESIGNED, then click ok.
Note. (no password needed)

3) The LaserMark 2 software will open up.



Entering a simple line of text.

4) Insert the part
Diameter

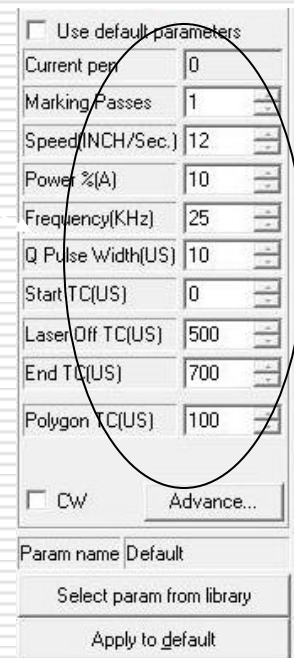


5) The text can then be modified here. (NOTE: You must select the "apply" Icon after any changes)

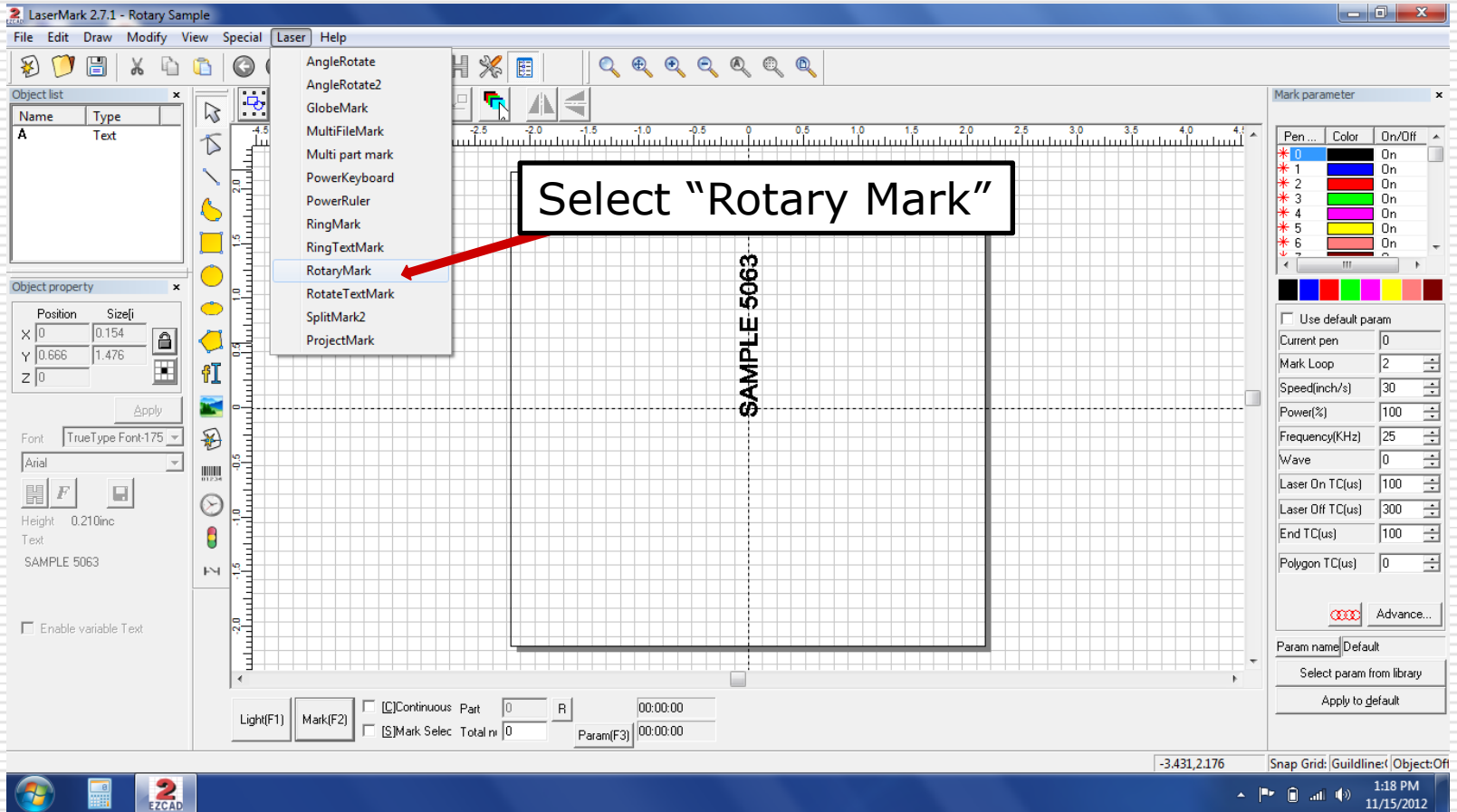
Setting up general marking parameters.



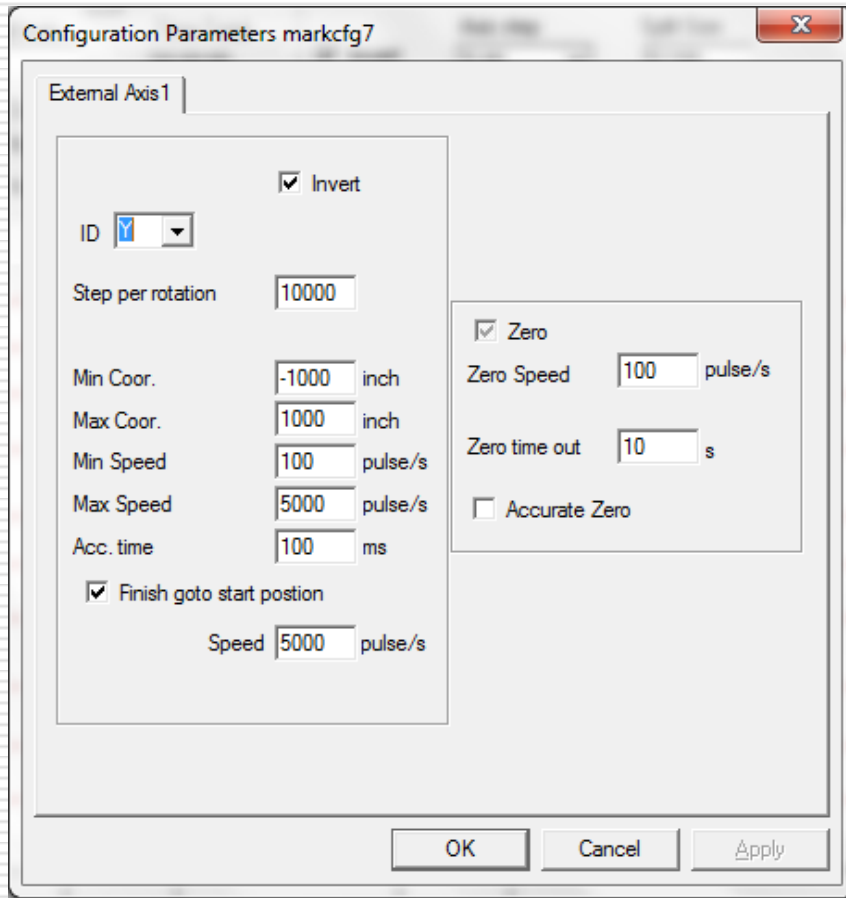
General parameter in inches "starter settings".



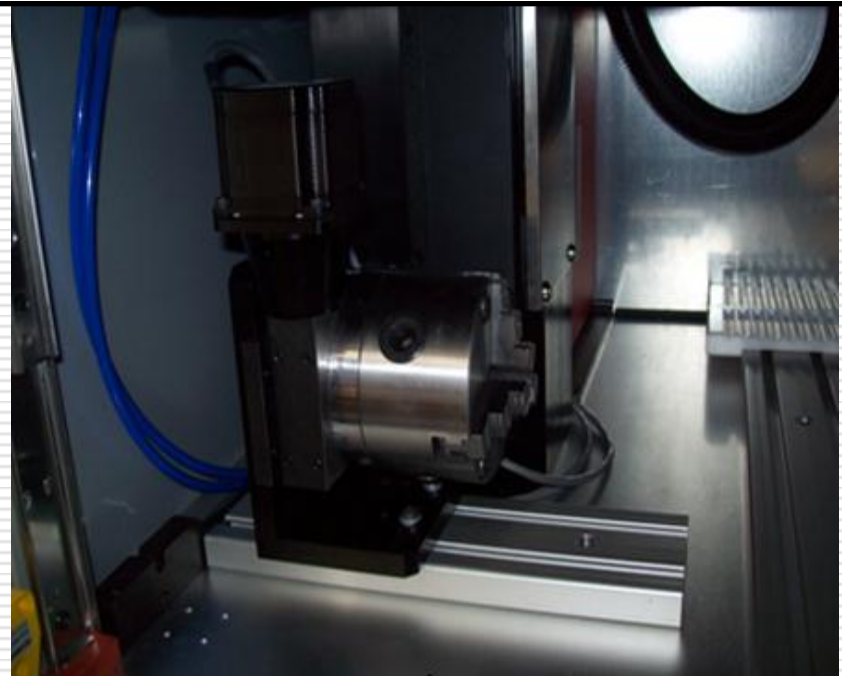
Entering "Rotary Mark" Mode



Rotary-Y Direction Setting



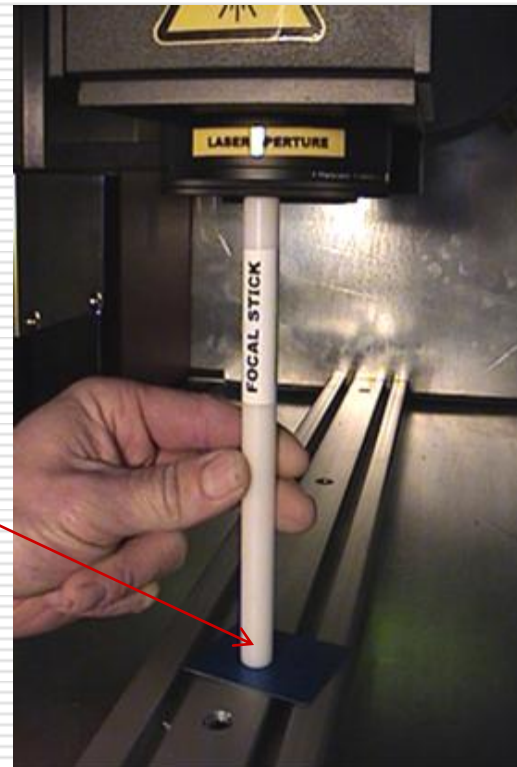
Click the F3 Parameters button on the Rotary Mark screen or hit the F3 key to enter the Configuration Parameters for the Rotary Axis. Settings on the left are default for the R3JT



Checking Focal Distance

Use the focal stick to check the focal distance. The stick will go between the top of your part and the rim on the lens. Note: NOT THE GLASS

Check your focal distance and positioning of the marking on you round part



Rotary Mark Screen

When this box is checked, the rotary will move to center in between the red dashed lines you have inserted onto the screen (when using, be certain that no unwanted lines are outside of your viewing area by first scrolling right/left then up/down)

"Origin" buttons are used to home the axis's if they had not previously been homed (z axis is most often homed when the software is opened and the rotary "Y" axis does not have a home switch—making it unnecessary to home as well)— If a home switch is used, the origin button will appear.

The "Axis step" field is the distance you can manually move the axis's by holding down the "ctrl" key and pushing and the up/down arrow keys for the Y axis (if rotary is set up as X, use left/right)

If "Mark by split line" is unchecked, this is the field that determines the spacing of the rotary move for each section of marking. (if the circumference of your part was a total of 1", a .25" split size would split the marking into 4 pieces.

Double click anywhere to add a split line/ right click on a line to delete the line/ left click and drag a line to move it anywhere

It is most convenient to place splits between letters/objects so the entire letter is marked before the move, and a split is not created on the letter itself during marking.

Will display a box where the marking will begin.

Will allow you to exit "Rotary Mark" mode and modify text or mark regularly

With the door closed and the focal distance checked (see previous page), click mark, and the marking process will begin with automated rotary movements in between markings according to the split scenario.

The screenshot displays the 'Rotary Mark' software interface. It features two side-by-side panels showing a 'SAMPLE 5063' with red dashed lines indicating marking splits. The left panel shows the 'Mark by split line' checkbox checked. The right panel shows the same interface but with the 'Mark by split line' checkbox unchecked. The control panels at the top of each panel include fields for 'Part', 'Time part', 'Total num', 'Time Total', 'Y', 'Invert', 'Axis step', 'Split Size', 'Part Diameter', and 'Focus Length'. The bottom toolbar contains buttons for 'Light(F1)', 'Mark(F2)', 'Param(F3)', and 'Quit(F5)'. The website 'lasermarktech.com' and 'Laser Marking Technologies, LLC' are visible at the bottom.

Thank You

**FOR CHOOSING LMT AS YOUR LASER
MARKING PARTNER**

**For technical support call
TOLL FREE (866)-799-0199
Ask for technical support.**