

# Application Workflow: Using the LV-290 Rotary Attachment (SKU# RC290)

The following document will assume that you understand the initial setup for the LV-290.

# How to install the Rotary Chuck on the LV-290

#### Step One

• Remove Camera (for instructions please see *Removing LV-290 Camera Document*)

#### Step Two

- Lower table to the bottom
- Turn off machine

#### **Step Three**

- Remove the **two screws** holding the cutting table down from the front of the machine
- Remove the cutting table from inside of the engraver



# Imagine.

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## **Step Four**

• Place Rotary device inside of LV-290



## **Step Five**

Connect serial port from the rotary to the serial connection in the front of the machine





#### **Step Six**

• Power on LV-290

#### **Step Seven**

• Select option for chuck rotary and press F4 to save







#### **Step Eight**

- Place object inside of chuck.
- Rotating the chuck to open and close the teeth



#### **Step Nine**

• With the auto pin installed, press auto detect to find the correct focus height for the laser.







# Setup of the Print Driver

#### **Step One**

- Open your Adobe Illustrator file
- Go to File > Print
- Select Setup





#### Step Two

- Verify you have the LV-290 driver selected.
- Select **Preferences**
- Go to the **Paper** tab
- Unselect the **CCD** check box and click on the **Rotary Fixture** check box.

Print	$\times \mid$	Printing Preferences	×
General     Select Printer     IV-290-1.02-04     Mark tring Copier on Printserver.roland.ad     Mark tring Copier on Printserver.roland.ad     Microsoft PYS D     Microsoft Print to PDF     Status     Offline     Location:     Comment:     Page Range     Image: Pages:     Print     Print     Cancel		Options   Pen   Advancer   Paper   Language   Raster     Paper Size   X   26.137   inch   Imit   Metric (mm)     Y:   18.110   inch   Image Tuning   Image Tuning     CCD   Image Tuning   0   Image Tuning   Image Tuning     Offset:   0.000   inch   Optional Item   Rotary Fixture	
		ОК	Cancel

 $\times$ 

#### **Step Three**

- Enter the Diameter of the bottle you are using
- For this example, we are using 4.5 inches

Options Pen Advanced Paper Language Raster   Paper Size X: 17.323 inch   Y: 14.138 inch   Diameter : 4.500	Unit O Metric (mm) Imperial (inch)	
Extend CCD Rotary Parameter Offset: 0.000 inch	Image Tuning 0 Kotional Item	
	OK Cancel	Imagine.



#### **Step Four**

- Select the **Pen** tab and verify the power and speed settings
- Click **OK**

Harring Preferences



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#### **Step Five**

Print

- Verify that **Auto-rotate** is unselected and that the job is pushed to the top left location.
- Select **Print**

Print Preset: Custom \* Printer: LV-290-1.02-04 General General Marks and Bleed Collate 🗌 Reverse Order Copies: 1 Output Artboards: All ORange: Graphics 🗌 Igr ore Artboards 🛛 🗌 Skip Blank Artboards Color Management Media Size: Defir ed by Driver Oriestation: 🗌 Auto-Rotate 2 🖸 🖸 🖬 Options Print Layers: Visible & Printable Layers 🛛 🗸 Placement: 👯 ): 0 mm Y: 0 mm Scaling: Do Not Scale Scale: Document: 92.37 mm x 108.26 mm Media: 440 mm x 359.1 mm Setup... Cancel Done Print



# Step Six

• Press start on the laser control panel

