



# EGX-20 Hardware Setup Guide



## EGX Series Hardware Setup Guide

- ❖ This guide covers the basic setup for the EGX-20 Desktop Engraver.
- ❖ The setup covers Plastic, Scribing and Burnishing setup.
- ❖ For additional details and information on a particular configuration always refer to the Users Manual for your Engraver.

NOTES:

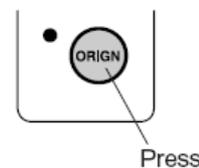
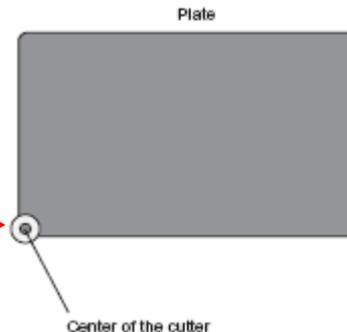
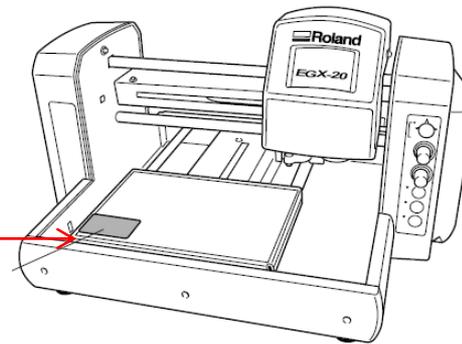


# EGX-20 Hardware Setup for Plastic Engraving

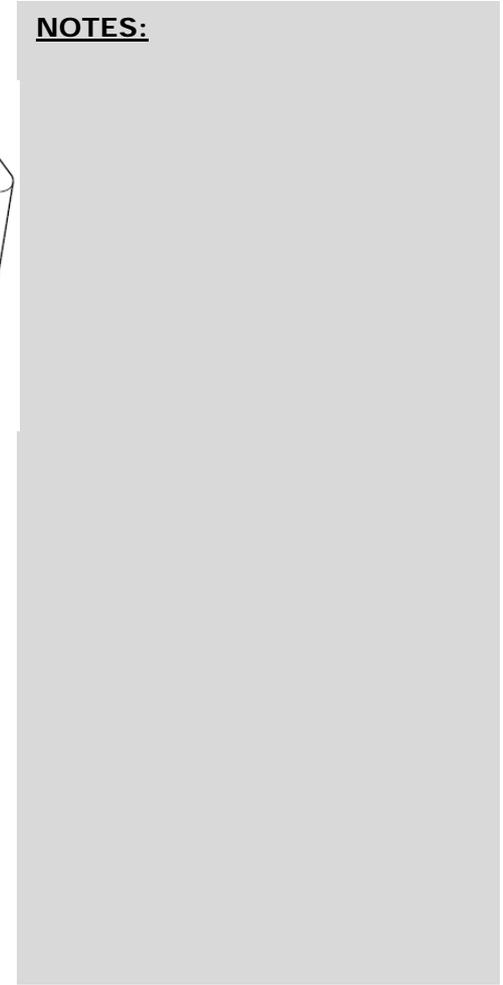


# EGX-20 Setup for Plastic Engraving

- ❖ Power the unit on from the front control panel. The machine moves to the view position (table moves forward and carriage moves to the right).
- ❖ Place the adhesive sheet (AS-10) in the lower left corner of the table. The EGX-20 has alignment grooves in the metal. Place the AS-10 sheet along this groove. 
- ❖ Press the VIEW button to move the machine to the origin point (machine will move to its last origin position that was set).
- ❖ Using the joystick move the carriage over the lower left corner of the material (if it's not already there). 
- ❖ Press the ORIGIN button for about 3 seconds to set the origin point.
- ❖ Using the joystick once again, move the carriage so that the nosecone is over a flat area of the material.



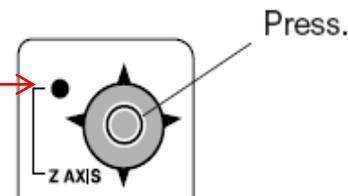
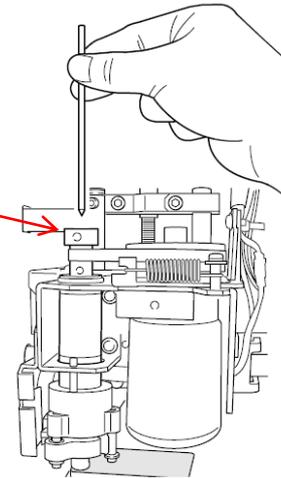
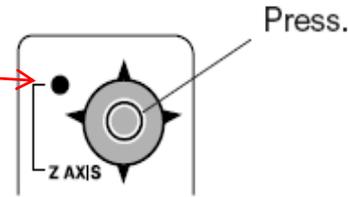
## NOTES:





# EGX-20 Setup for Plastic Engraving

- ❖ Press the joystick button in for a few seconds until the Z Axis light turns on.
- ❖ Press the ORIGIN button, the nosecone will automatically drop down to the surface of the material and the ORIGIN light lights up.
- ❖ Remove the cutter from the cutter holder (brass knob) and attach the cutter holder at the top of the spindle unit.
- ❖ Lower the cutter into the holder until the tool touches the plate and tighten the hex screw to secure the cutter in place.
- ❖ Press the ORIGIN button again, the spindle will move up 0.5mm and the ORIGIN light will turn off.
- ❖ Press the joystick button in for a few seconds until the Z Axis light turns off.
- ❖ The machine is now ready to rotary engrave.



NOTES:

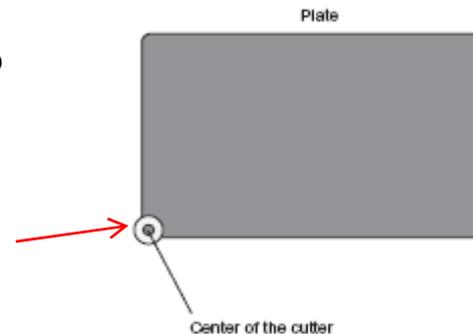
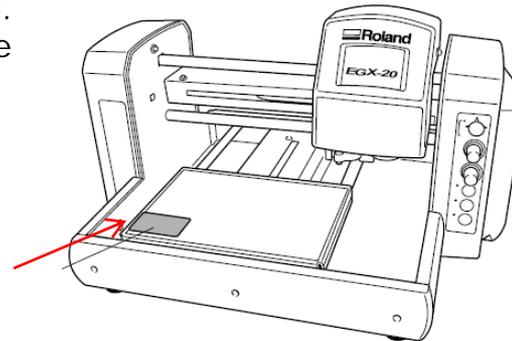
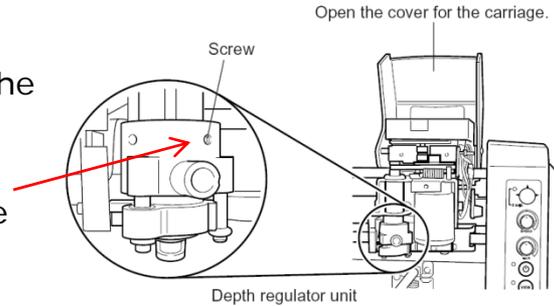


# EGX-20 Hardware Setup for Scribing/Burnishing



# EGX-20 Setup for Scribing or Burnishing

- ❖ Ensure the power to the machine is off, remove the cutter holder and cutter from the unit.
- ❖ Detach the Depth Regulator Unit (nosecone assy.).
- ❖ Power the unit on from the front control panel. The machine moves to the view position (table moves forward and carriage moves to the right).
- ❖ Place the adhesive sheet (AS-10) in the lower left corner of the table. The EGX-20 has alignment grooves in the metal. Place the AS-10 sheet along this groove.
- ❖ Press the VIEW button to move the machine to the origin point (machine will move to its last origin position that was set).
- ❖ Using the joystick move the carriage over the lower left corner of the material (if it's not already there).

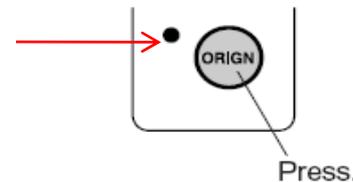
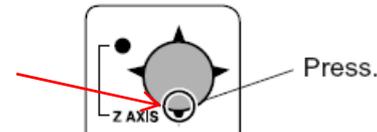
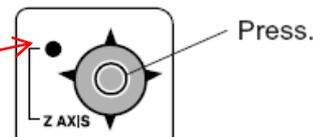
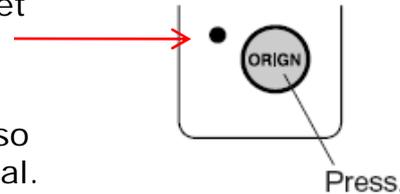


**NOTES:**



# EGX-20 Setup for Scribing or Burnishing

- ❖ Press the ORIGIN button for about 3 seconds to set the origin point.
- ❖ Using the joystick once again, move the carriage so that the nosecone is over a flat area of the material.
- ❖ Install the BT-BA1M Burnishing adapter to the top of the spindle unit. Using the supplied L-shaped spline tool loosen the screw on the adapter and insert the scribing (diamond drag) or burnishing tool until the top edge of the tool is flush with the top edge of the adapter and tighten in place.
- ❖ Press the joystick button in for a few seconds until the Z Axis light turns on.
- ❖ Press the joystick button down to move the tip of the tool to the surface.
- ❖ Once at the surface press the ORIGIN button until the origin light lights up and then release. This will set the Z0 (surface) for the tool.
- ❖ The machine is now ready to scribe or burnish.



NOTES: