

EastmanPRO Quick Reference Guide

Power-Up Procedures

1. Turn **ON RED** Main Power Switch on back of computer cabinet (if applicable) and also on the control cabinet (switch is located on cabinet on non-operator side of machine).
2. Turn **ON** computer and wait until computer is fully booted.
3. Open EastmanPRO software by double-clicking the EastmanPRO icon.
4. When EastmanPRO opens it will ask "Do you want to look for Home Switch Positions?" Click **YES**.
5. EastmanPRO will then ask "Do you want to check Limits?" Click either **YES** or **NO**. Typically **NO**.

WARNING: Failure to start up correctly can cause accidental machine movement, personal injury and/or machine damage.

Cutting a File

1. Locate the marker (CMD, DXF, EDF, etc) file to be cut by clicking on "File" then "Open File" on the EastmanPro Software. After locating the correct file click "Open".
2. Choose material to be used in the drop down menu in EastmanPRO (this is to be used only if material files are set up and used by customer).
3. Click on the cut icon . The Screen will change from grey to a yellow background indicating the file has been sent to the machine.
4. Spread material onto the table making sure it is straight with the X-Axis of the machine.
5. Turn on the blower and jog belt about 60cm to remove any mechanical windup.
6. Position the laser pointer to the part of material where you would like to start cutting. (Normally the bottom left side of material.)
7. Press the **ZERO** button on the touchscreen. The X, Y, and Z position on touchscreen should now be set to 0.
8. Press **NEXT** on the touchscreen to start cutting.

Power-Down Procedures

1. Close EastmanPRO Software.
2. Power down computer by clicking on the **"START"** button on lower left hand corner of Windows and select **"Turn Off"** Computer.
3. Turn the Machine Power off by turning the **RED SWITCH** to the **OFF** position on the computer enclosure cabinet (if applicable) and also on the control cabinet (switch is located on cabinet on the non-operator side of machine).

WARNING: Failure to shut down correctly can cause accidental machine movement, personal injury and/or machine damage.

Simple Troubleshooting

Machine will not move

If the gantry has power and the motors are energized make sure the pause paddles/buttons are disengaged. **Yellow Pause** button on gantry will light indicating the pause is active. Adjust the pause paddle wands to clear any existing pause. If the gantry has no power and can be moved by pushing it, then look for an error message on the touchscreen and refer to troubleshooting section of manual.

Finding Recent Faults

Click on View then EastmanPRO log. This will create a text file with recent machine operations and any faults. This is good for identifying a recurring fault and can be sent to an Eastman Tech for analysis.

Eastman®

Over a Century of Cutting Expertise

FAQ's

1. What is "Remove Common Lines" and how do I adjust them?

- a. Remove Common Lines is used to delete unnecessary or duplicate cut lines from the current drawing. There are three settings that need to be met in order to remove a line. The settings can be found under the CutPro>Job Settings>Optimize Drawing tab. The three settings are "maximum separation, maximum angle, and minimum length". Please see the Help menu in EastmanPRO for full descriptions on each setting.

2. What is "LP angle" and what should it be set at?

- a. LP angle is the lift and plunge angle of a particular tool. It is the angle to the tangent at which a tool needs to lift and come back down to resume cutting. It protects the blade from breaking and can be used to customize your cuts.
- b. SETTINGS: Drag Knives: up to 89 degrees. Round Knives: Typically up to but no more than 30 degrees. Pen and Airbrush: 179 degrees.

3. How do I know my Tools are mapped correctly?

- a. Tools should be on the same mount on the machine as they are on the screen in EastmanPRO. For example. If the 1" round knife is on Mount 1 then it should be on Mount 1 on your screen. Having the wrong tools mapped can cause severe damage to the tools and cutting surface. Layers should also be mapped to the correct tool on the EastmanPRO screen.

4. How can I find additional help?

- a. There is a help menu in EastmanPRO that explains all functions.

5. How can I contact an Eastman Technician for further help?

- a. Have the serial number for the machine ready.
- b. Call +1-(716)-856-2200 and ask for Technical Services.