

## Frequently Asked Questions

### *Getting Started – Products and Warranty*

**Q:** How do I set up the Engraver?

**A:** Open the Quick Start Guide or User Guide and follow the easy steps inside; either will provide an overview of the installation process.

**Q:** Does Roland DGA offer materials to engrave/cut?

**A:** No, we do not. Roland DGA can make recommendations related to engraving materials, but we do not sell such products. Some Roland dealers do carry these supplies, however.

**Q:** Do I need Additional Software to print?

**A:** Our Laser Engravers work well with CorelDraw, Adobe Illustrator and Autodesk.

**Q:** How precise is the laser?

**A:** The laser has the ability to cut smaller than the thickness of a human hair.

**Q:** What Materials can I Cut or Engrave?

**A:** You can cut and engrave on acrylic/PMMA, 2-ply laminate, wood, MDF, cord, leather, paper, fabric and rubber. You can also engrave on glass.

**Q:** Are there any environmental restrictions?

**A:** Operating environment temperature needs to be 60 to 86 degrees with a humidity between 30%-40%.

**Q:** Why would I need another/different focus lenses?

**A:** **FL15,20,25,40** – are focusing lenses. The numbers (15, 20, etc) designate the focal length of the lens in inches.

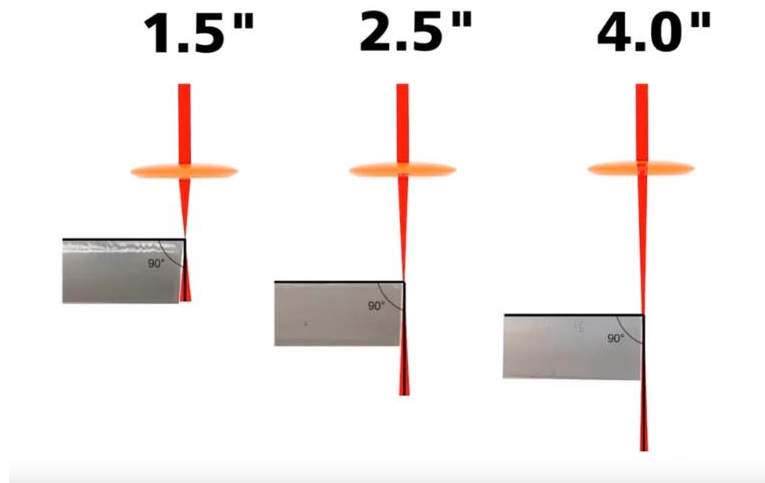
**FL20** comes standard and will work for most applications.

If the user is cutting thicker materials they will want a wider angle or **FL40**.

Imagine.

If a small and finer detail is needed, use the **FL15**.

The image below shows 10mm acrylic and demonstrates the divergence of the laser beam. The wider angle provides a better cut in thicker material on the **FL40**. The **FL15** will be a finer point and provide a very small detail.



**Q:** Is it required for me to have a Fume Extractor?

**A:** Yes, Roland recommends using fume extractor for all operations of LV Laser Engravers.

**Q:** Is it required for me to have an Air Compressor?

**A:** Yes, you need the air flow to protect the optics. Below are the air compressor recommendations:

- Air flow of 3.18 CFM
- Pressure of 49.78 psi
- Oil-less
- Air Capacity 86-95 L/min