

GL series uses Galvano engraving principle on a bigger work area. After engraving within the scope of galvano mirrors, the X, Y axes move the galvano system to the next grid to continue engraving.

As an option, a normal cutting head which moves in X, Y axis can also be installed on the same machine. In this way, a fast engraving can be done using Galvano engraver and then the standard head cuts the outline. Both system uses the same laser tube. This option is available on machines GL1610 and larger.

Application: Suitable for **leather and textile industries**.

1. Steel frame structure for sturdy and smooth operation
2. **SERVO** motors on GL1610 and larger models
3. special design to conveniently fetch cut pieces
4. Fume Exhaust system
5. Laser tube mounted on the gantry in order to have same power all over the machine work area
6. **Air assist** with adjustable focus system in coaxial jet air to prevent cutting edge from burning
7. **Interactive software** for easy selection of cutting parameters for different materials.
8. **Windows based CAM software** to work with most popular software such as AutoCAD, Corel Draw etc..
9. Cut **path order** can be assigned **automatically or manually**

Technical Specification

Model	GL103	GL902	GL1610	GL1812	GL2513
Working area (mm)	1000 x 350	900 X 200	1600 x 1000	1800 x 1200	2500 x 1300
Laser Power	30W/40W/50W/70W/100W/150W				
Laser Type	CO2 –RF metal tube				
Max. engraving speed	10,000mm/sec				
Max. cutting speed	500mm/sec				
Galvo Engraving scope	100 x 100 mm, 175 x 175mm, 210 x 210mm & 260 x 260 mm				
X, Y movement	Table moves in X axis		Head moves in X & Y axes		
File format	AI, BMP, PLT, DST				
Power supply	220V AC, 50Hz/60Hz				



Advantages:

- ◇ **High speed** engraving
- ◇ **Maximizes production** efficiency
- ◇ **Minimizes defects**
- ◇ **No consumables**
- ◇ Cutting **parameters** can be **saved & recalled**
- ◇ **RF Laser Tubes**