

FREQUENLY ASKED QUESTIONS ABOUT CO2 LASER ENGRAVER

What can a Laser engraver do?

A Laser engraver can engrave and cut most of the materials. It can engrave scanned images, logos, bitmaps on variety of surfaces. Basically anything you can print, you can engrave.

What are the range of applications of a laser engraver?

Typical applications using lasers include :- Making Awards & Mementos , Desk Accessories, Prototypes, Gift articles , Rubber Stamps, Control Panels, Name Badges, Signs , Glass Etching , Stencil Making , Gasket Cutting , Drilling , Crafts ,etc.

Which are the materials that laser engraver can process?

Few of Laserable materials are :- Acrylic , Coated Metals , Foam rubber ,Plastics ,Rubber , Glass Polycarbonate ,Cardboard , Leather, Nylon, Wood, Marble/Stone, Ceramic ,Granite, Fiberglass , Fabrics , Polyester, Fabrics , Polyester, Paper etc

What are the advantages of Laser over the existing methods ?

Laser technology offer very high quality output at less cost and time. There is no tool (bits)cost involved in laser applications. Laser beam can be adjusted depending upon applications and required accuracy & precision can be achieved.

What software do I need to get started?

The laser works like a printer, so you can use most of the Windows based graphic software programs such as CorelDraw, Adobe products, or Auto Cad. Design your graphic in the graphic software and execute it through the laser engraver. It is that easy!

Can lasers engrave metal?

Yes, but the metal has to be pre coated to make it non reflective. The laser will just bounce off on uncoated metals. However, you can add a coating to uncoated metals, such as stainless steel and engrave it.

Is laser safe to operate?

Yes, the laser is safe to operate. It is a Class 3A laser, which means that the laser is secured with interlock devices so that it will not run with the doors of the system open.

What is the cost of operation of Laser engravers?

The cost of operating the laser can be easily figured out by calculating your electricity rates for the power consumption that ranges from 25 to 60 W/Hour.

Are service facility available locally?

Service Engineers are available on call as and when you require.

Where can I see a live demonstration of Laser Engraver

You can visit Lipi's Demo Center at Chennai with a prior appointment.