

Cut & engrave with pinpoint accuracy

EMB aser



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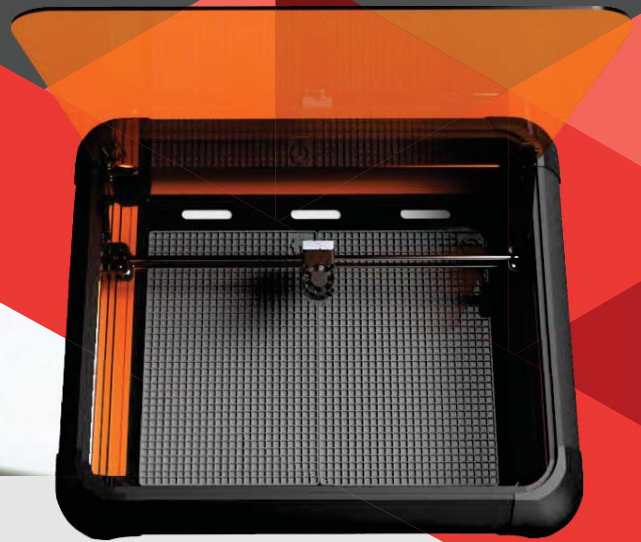
Wireless Desktop Laser Engraver Cutter

Distributed by  AFINIA 3D



EMBlaser 2

MAKING GREAT STUFF
IS WHAT EMBLASER DOES



Fast. Precise. Safe.

Emblaser 2 is designed with your creative process in mind. The combination of camera assisted alignment helps accelerate the transition from digital design to reality. Emblaser 2 works with LaserWeb Open Source software combined with our intuitive add-ons for a simplified workflow.



**SUPERMAN HAS LASER POWERS,
SO CAN YOU**

**SMART
SAFETY
FEATURES**



Lid
Interlock



Fire Ignition
Alarm



Fume
Filtration

Designed for the Classroom

Designed specifically for educators looking for a safe, hassle-free laser cutter engraver, that offers exceptional quality and boasts a host of innovative features. From smart, user-friendly software and automatic focusing to camera assisted material placement.



CLASS 1



EMBlaser 2 So Many Materials

Acrylics



The Emblaser 2 can cut most solid colour Acrylics. It can't cut clear or lightly tinted acrylic, but it can cut 3mm Black, Green, Yellow, Red. It can also engrave some tinted acrylics. Due to the frequency of the laser diode, it's light will pass right through clear or lightly tinted materials and will not affect it.

Wood



This is where the Emblaser 2 shines. It can cut up to 6mm Plywood, MDF, Balsa and many others. Don't forget it also does an excellent job at engraving photos or vectors onto wood.

Leather



Customise your purse, wallet or bracelet in ultra-fine detail with the Emblaser 2. Cut & engrave Natural leather, Suede leather and many other types of leathers.

Fabrics



Cut and engrave amazing intricate, elegant, classic patterns and it even seals fabric edges to prevent fraying. This method of design is very popular in the fashion industry.

Paper



With the Emblaser 2 you can create an unlimited range of elaborate greeting cards, packaging, personalised engravings and delicate laser-cut patterns.

Cardboard



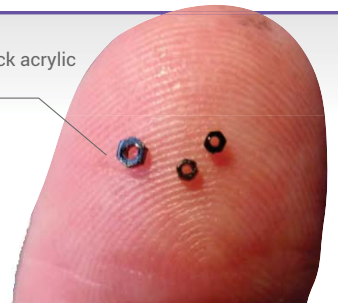
Using 123Make you can import from thousands of 3D STL files and slice them to make the virtual world physical.

Power of Lasers & Prisms

5 watts is that all I hear you say? Well the smart chaps over at Darkly Labs managed to squeeze out all the energy, focusing it through precise optics to get all the energy focused to as thin as the head of a needle.



3mm black acrylic laser cut

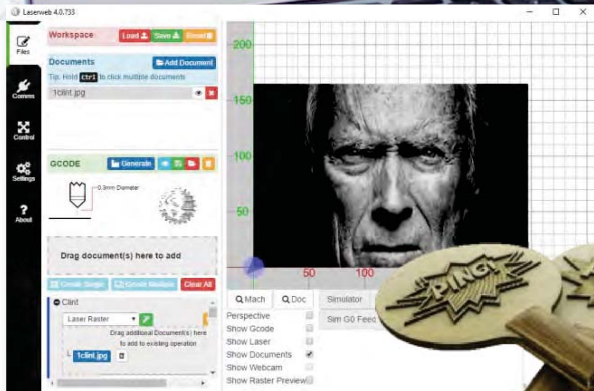


EMBlaser 2 Software

Use the software
you know & love



MacBook Air



Why choose Emblaser 2 over CO2?

- The Emblaser 2 is about 1/5th the cost of a Co2 systems.
- Emblaser 2 doesn't use mirrors, so no alignment requirement.
- Can do photographs with higher definition compared to CO2.
- Simple servicing, no need to return to base for replacing laser unit.
- Emblaser 2 is air cooled. No messy buckets of water and fish pumps needed.
- No complex manual focusing and laser height is software controlled

What's in the package:

Emblaser 2 wireless desktop laser cutter engraver
Clean cut air assist
4 x cutting mats
Extraction hose
LaserWeb Software Windows, MAC & Linux
Lens cleaning kit
120-220v - 12vDC Power Supply
USB Cable
Fire Blanket
1 Year Limited Warranty
Online & Phone Customer Support

Optional

Indoor filtration unit
Spare filter



Specifications

Engraving has never been so easy!

EMBlaser 2

| | |
|------------------------------------|--|
| Build Volume | 500 x 300 mm with 50mm software control laser height |
| 3D Cutting | Yes |
| Classification | Class 1 - the safest laser device rating available |
| Camera assisted material alignment | Yes |
| Laser unit | 5 watt Laser Diode with beam reshaping |
| Clean-cut air assist | Yes - installed |
| Fire ignition alert | Yes |
| Fume extraction | Yes - exhaust hose enclosed (Fume Filtration optional) |
| Focus | Factory calibrated |
| Connectivity | Wi-Fi 2.4G & USB 2.0 |
| Indoor fume filtration unit | Yes - optional |
| Workspace lighting | Yes |
| Software | Windows, MAC & Linux |
| Warranty | 12 month & 6 month on Laser Diode |



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