

beam^o II

Compact by Design. Built to Do More.

Cut, engrave, mark metal, and expand into bigger projects with one compact desktop laser system. beamo II gives you the speed, precision, and flexibility to keep creating as your ideas and your business grow.



High-Precision
30W CO2 Laser



Cut Any
Color Acrylic



750 mm/s
High Speed



Metal
Engraving



One Shot
Camera Preview



Built-in
Auto Focus



beamo II at a Glance

General Specification			
Laser Power	30W DC CO2 Glass Tube		
Size (L x W x H)	27.95" × 18.66" × 8.19"		
Weight	50.71 lbs		
Laser Resolution	1000 DPI		
Max Engraving Speed	750 mm/s		
Camera Resolution	HD 8MP CMOS		
Auto Focus	Built-in		
Safety Certification	Class 1 (IEC 60825-1)		
Work Area (CO2 laser)	14.17" × 9.45"		
Work Area (Infrared laser)	10.63" × 7.48"		
Work Area Depth	0.28" ¹	1.18" ²	6.10" ³

¹with honeycomb, ² without honeycomb, ³ with Extension Base Add-on

Software and Connection	
Control Software	Beam Studio / LightBurn
Operating System	Windows / macOS / Linux / ChromeOS / iOS / iPadOS / Android
Connectivity	Wi-Fi / USB / Ethernet (by USB Adaptor) Direct Network Cable (by USB Adaptor)
Control Device	Computer / Mobile / Tablet
I/O Port	USB-A x 3 / USB-B x1

Built to Grow With You

Start with beamo II, then add the capabilities your projects demand.

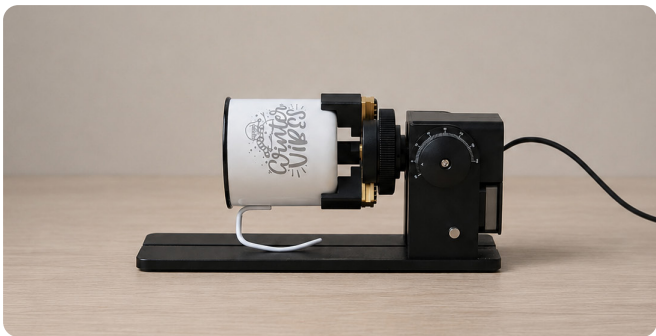
Add-on



2W Infrared Laser Module

Add detailed marking to metals and selected plastics.

- 1064 nm 2W infrared laser
- Up to 1000 DPI
- Engraving speed up to 150 mm/s



Chuck Rotary

Engrave tumblers, mugs, rings, spheres, and more.

- Supports cylinders, rings, and spheres
- Engraving diameter up to 5.51 inches
- Adjustable tilt from -30° to 180°



Extension Base

Create thicker projects and unlock pass through production

- Adds up to 6.10 inches working depth
- Supports materials up to 16.14 inches wide
- Unlocks Chuck Rotary Add-on and pass-through projects



Auto Feeder

Process longer projects with smooth automatic feeding

- Processing length up to 39.37 inches
- Supports materials up to 16.14 inches wide
- Maximum clamping thickness 0.79 inches