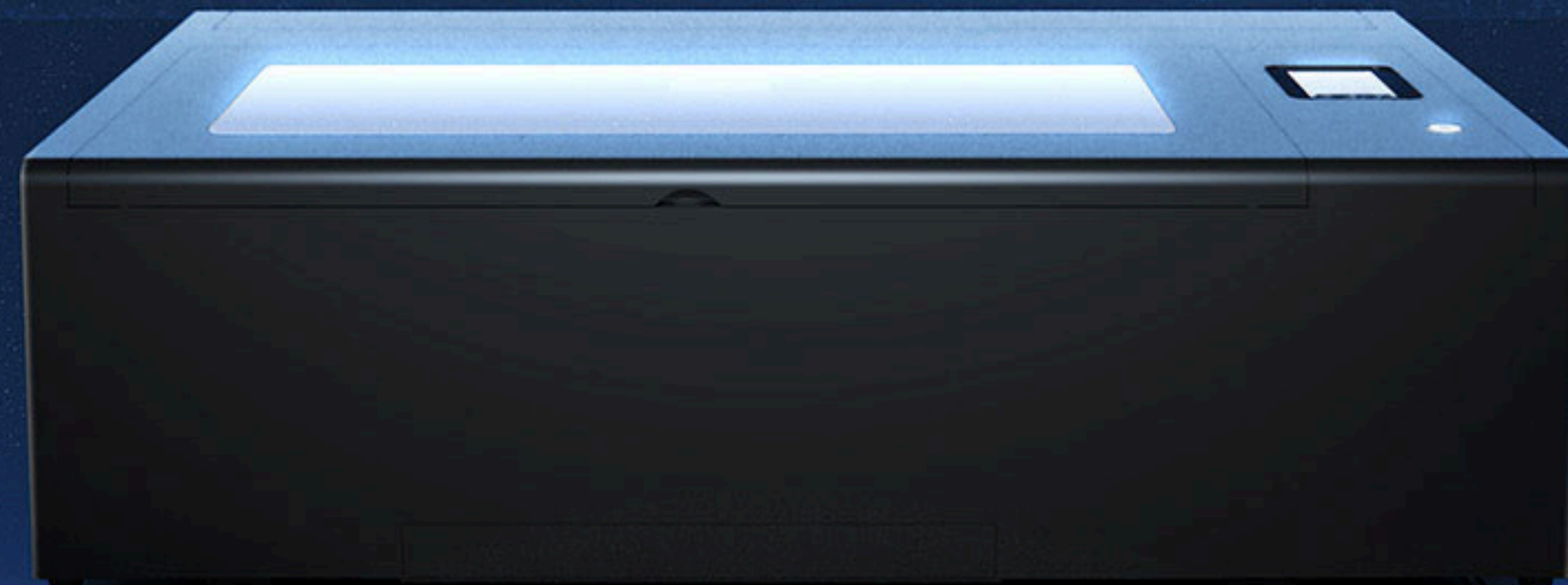




# Beambox II

Ultimate Precision, Ready For Your Masterpiece.



FLUX Marketing



# Get the Highlights.



**55W CO2  
High Power**

**900mm/s**

**3X Faster  
Engraving Speed**



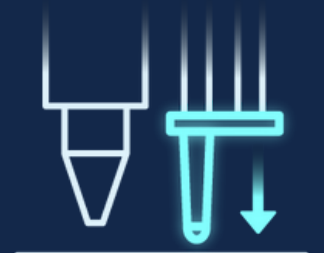
**1.5X Larger  
Work Area**



**Smart Auto  
Alignment**



**5X Faster  
Camera Preview**



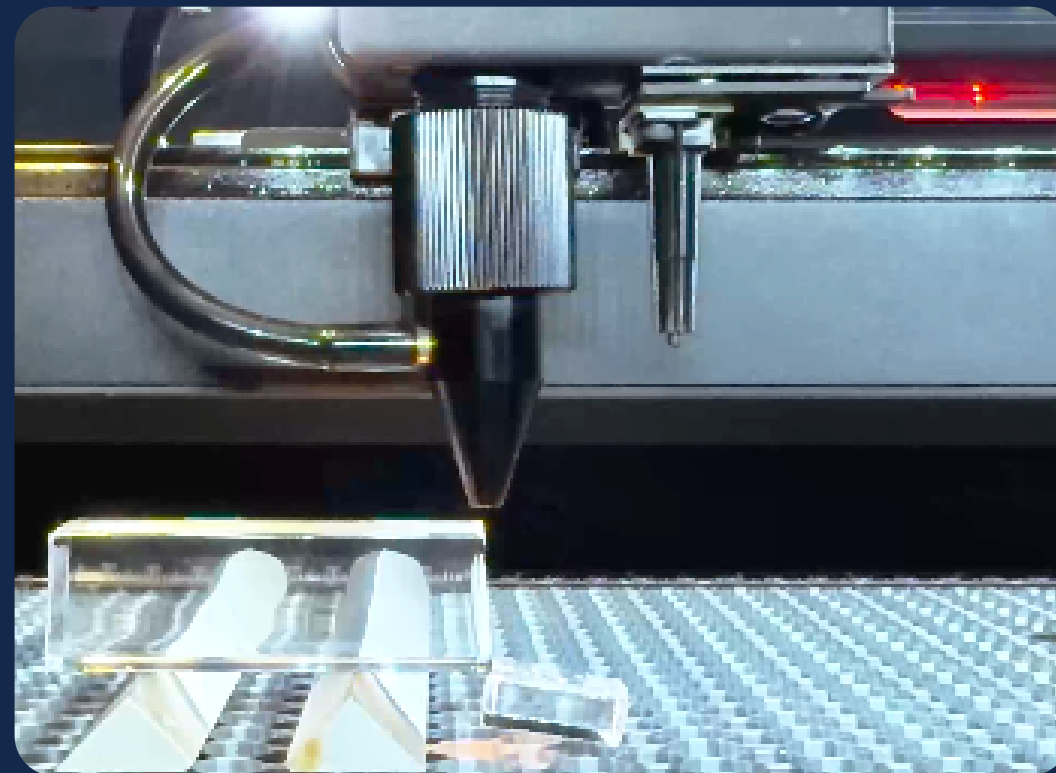
**Built-in  
Auto Focus**



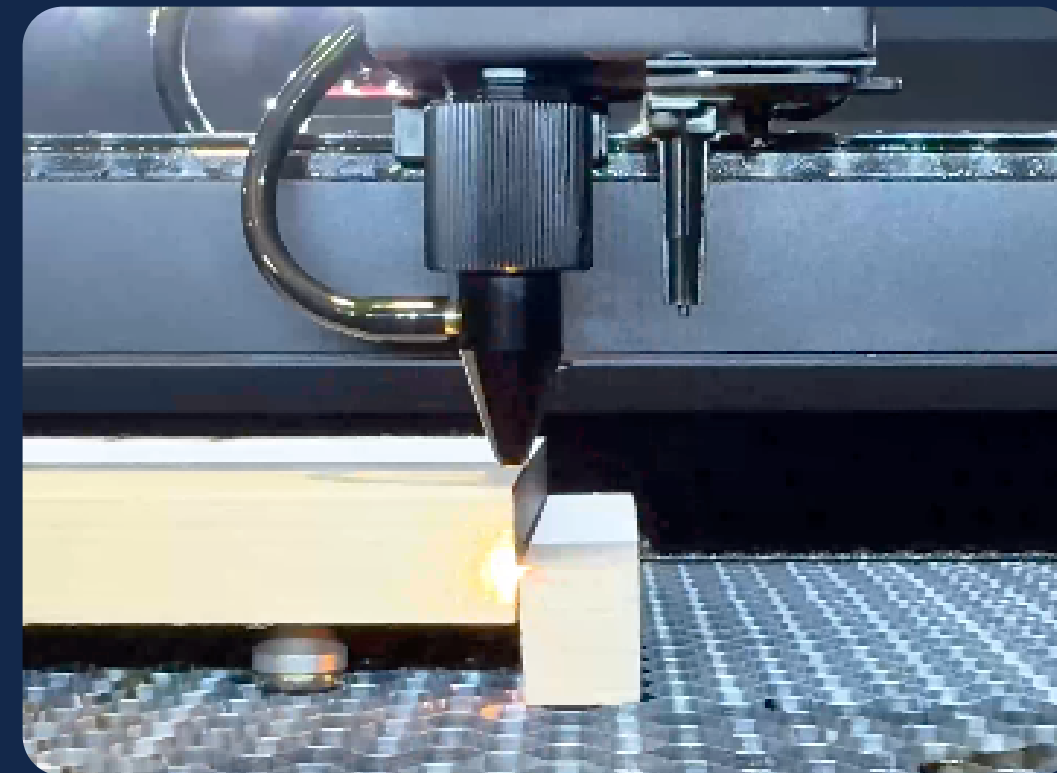


# The 55W Laser Upgrade. A Game-Changer.

Beambox II is now upgraded to 55W CO2 Laser, delivering exceptional cutting performance. Now, you can effortlessly cut through 20mm acrylic and 18mm Japanese cypress, whether it's intricate designs or bold creations—precision is guaranteed. Elevate your creative freedom and bring every idea to life without limits.



20 mm Acrylic



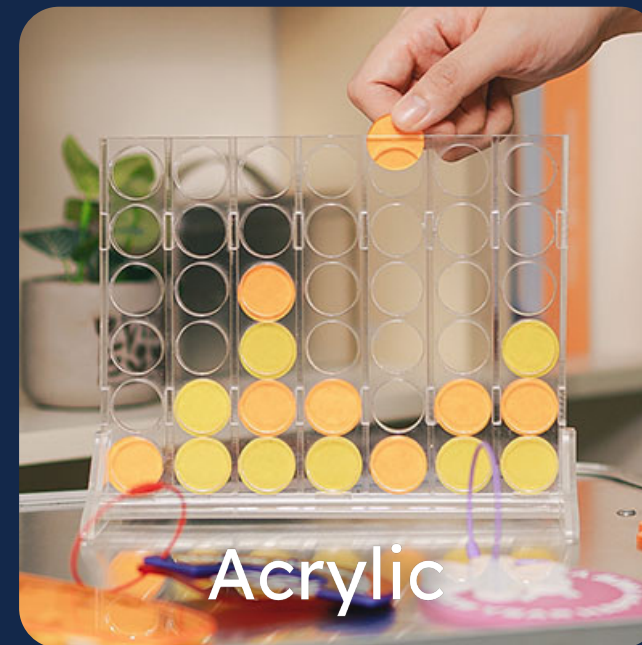
18 mm Cypress



# Easily Handle 100+ Materials.



Wood



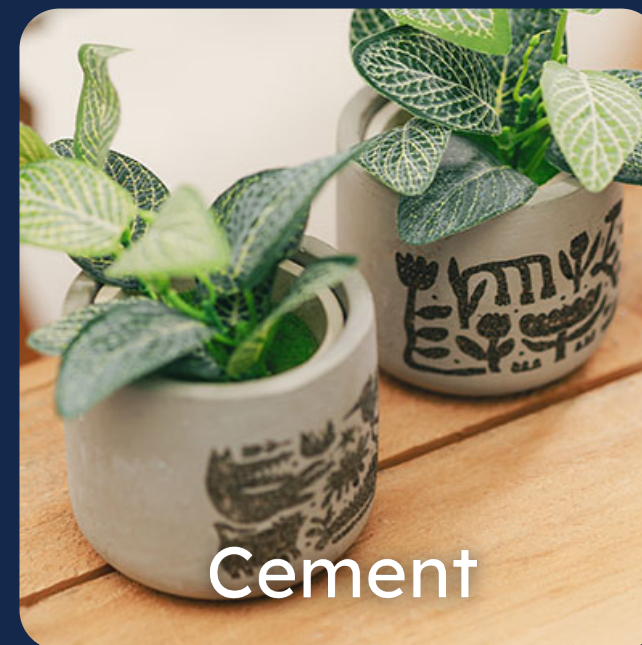
Acrylic



Leather



Coated Metal



Cement



Glass

See Full Material List on Next Page





Materials	Cutting		Engraving
	Regular Power	Max Power	
 Black Walnut <sup>1</sup> (Wood)	11mm	15mm <sup>4</sup>	✓
 Cypress <sup>1</sup> (Wood)	15mm	18mm <sup>4</sup>	✓
 Plywood <sup>1</sup> (Wood)	11mm	14mm <sup>4</sup>	✓
 MDF <sup>1</sup> (Wood)	9mm	12mm <sup>4</sup>	✓
 Acrylic	15mm	20mm <sup>4</sup>	✓
 Cardboard <sup>2</sup>	10mm		✓
 Leather <sup>3</sup>	6mm		✓
 Fabric <sup>3</sup>	8mm		✓
 Bamboo	10mm		✓
 Cork			✓
 Rubber			✓
 Glass			✓
 Cement			✓
 Stone			✓
 Anodized Metal			✓
 Stainless Steel			✓ (Spray Paint Required)



# 900mm/s Ultra-Fast Engraving. Triple the Efficiency.

With engraving speeds of up to 900mm/s, accelerating your creations to new heights. This revolutionary upgrade boosts efficiency by three times, making it easier than ever to bring more complex designs to life. Whether it's intricate patterns or large-scale projects, Beambox II quickly and accurately transforms your ideas into reality, pushing the boundaries of creativity.







# Larger Working Area, Expanded Creative Space.

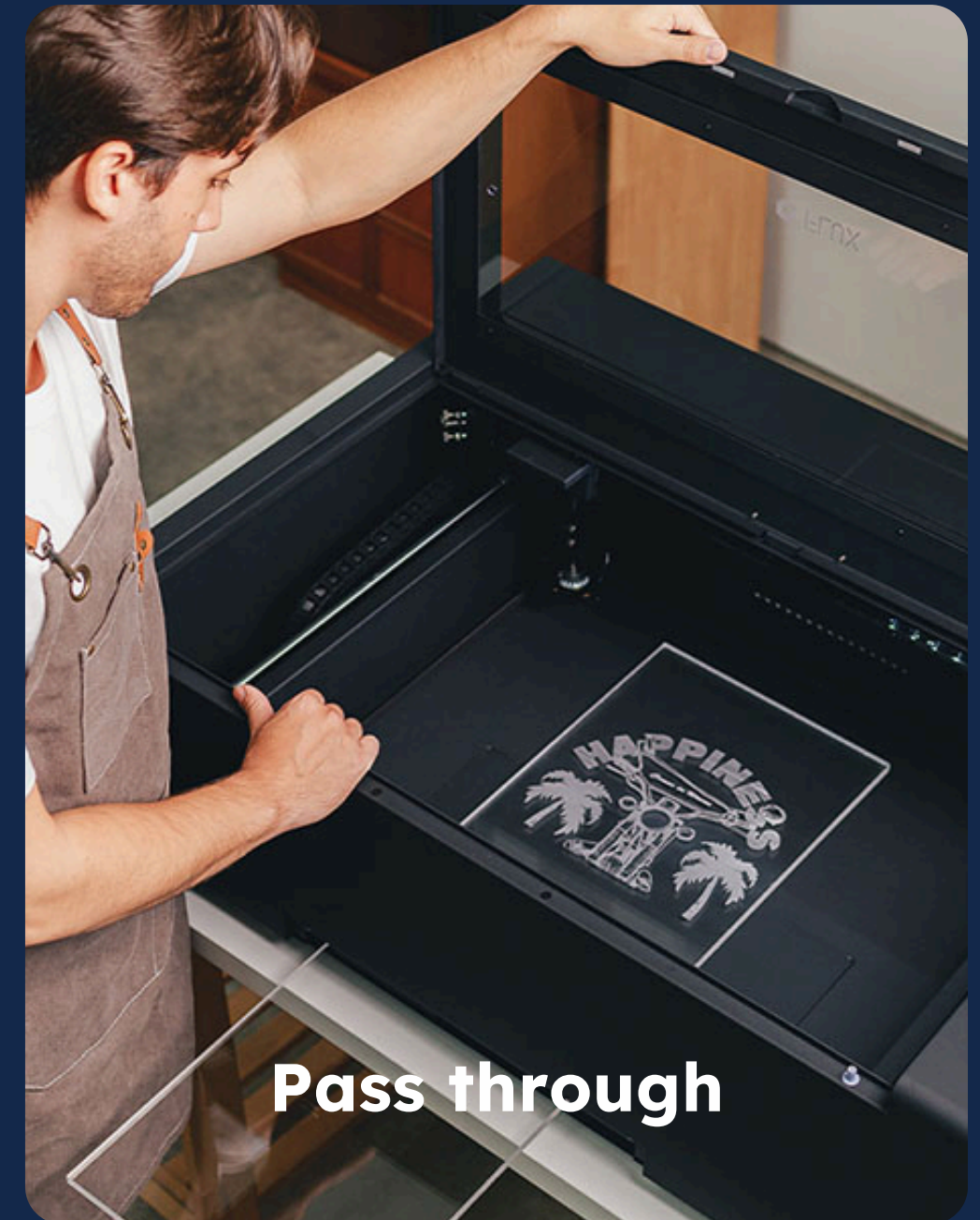
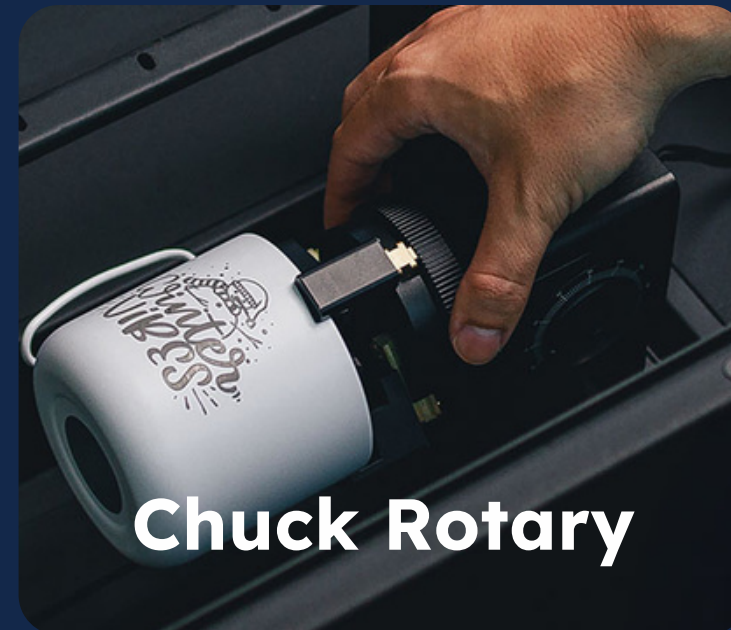
Beambox II features an expanded working area of 600 x 375mm, with a depth of 125mm, which can be extended to 215mm with an optional bottom tray. Effortlessly handle larger materials or process multiple items in one go.







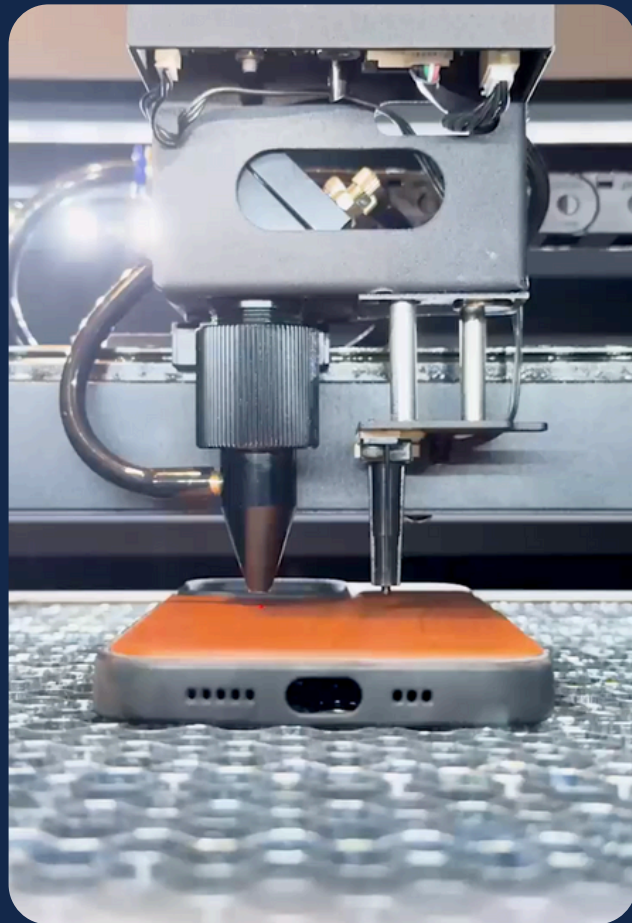
# Unlock More with Add-ons.





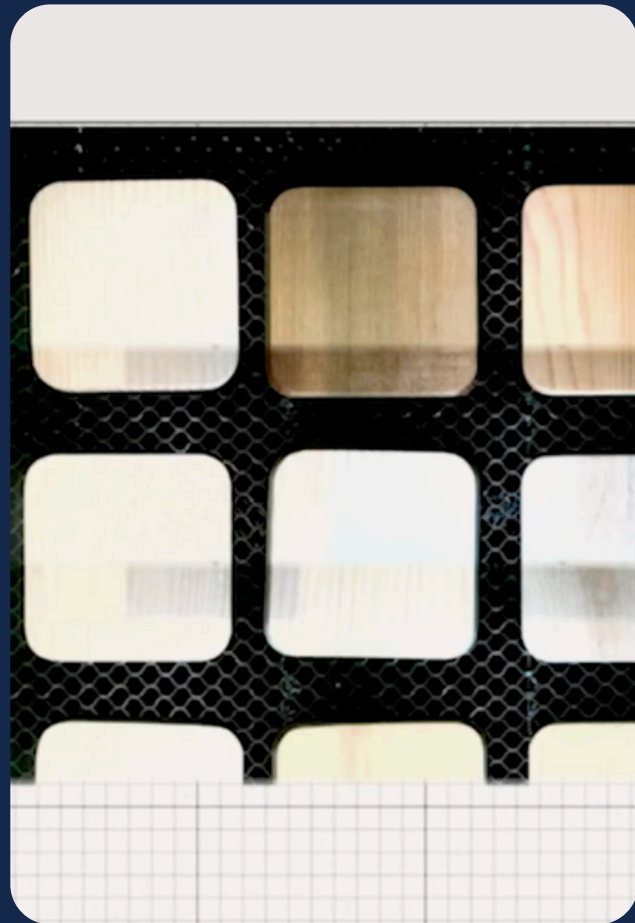


# Thoughtfully Designed. Fully Integrated.



## One-touch Focus.

With just a tap, auto-focus is complete in 2-3 seconds.



## 5X Faster Preview.

Enjoy quick, accurate previews that keep your workflow smooth and efficient.



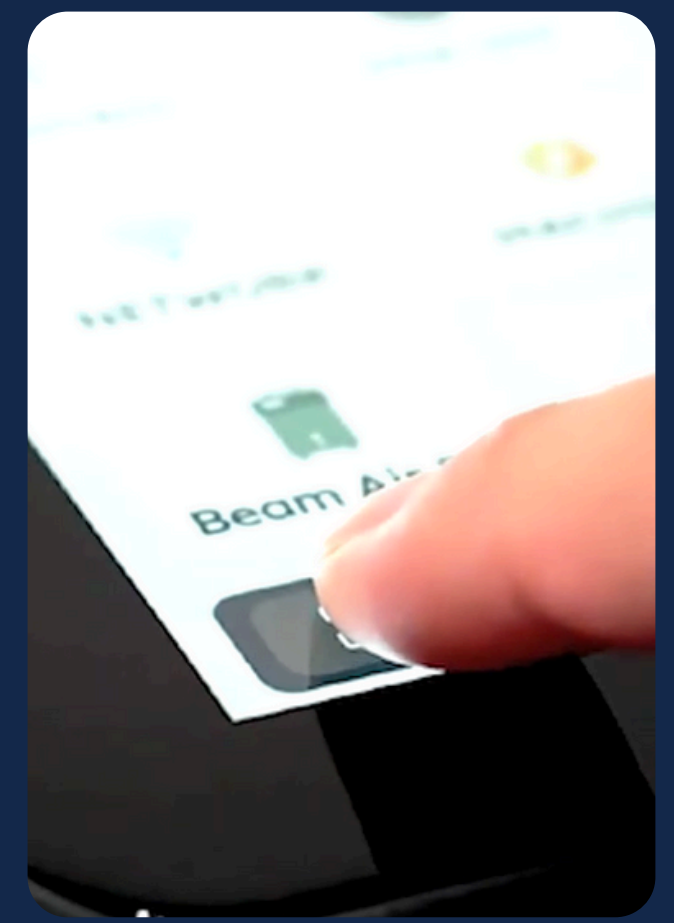
## Red Light Preview.

OUTlines the engraving area, ensuring perfect alignment.



## Honeycomb Design.

Provides Stable support, better ventilation and reducing burn mark.



## Touchscreen Control.

From connecting to WiFi to checking work progress, everything is just a tap away.





# Beam Studio

Intuitive Software Designed For  
Laser Cutting & Engraving

Compatible with desktop computers, tablets, and mobile phones.



Adobe  
Illustrator



Adobe  
Photoshop



Affinity  
Designer



Autodesk  
AutoCAD



SketchUp



SolidWorks



Sketch



Corel Draw



Rhinoceros



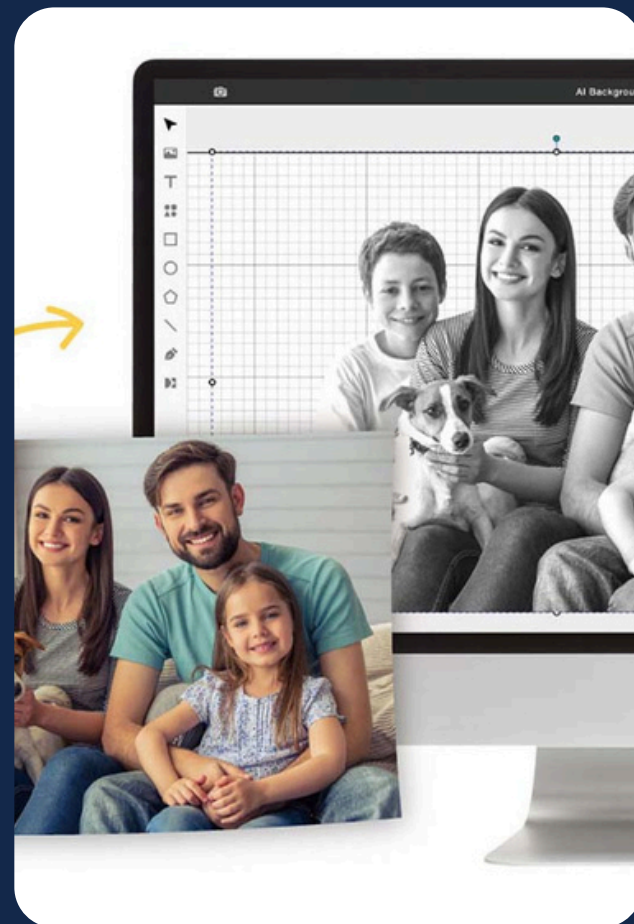


# Learn More About Beam Studio



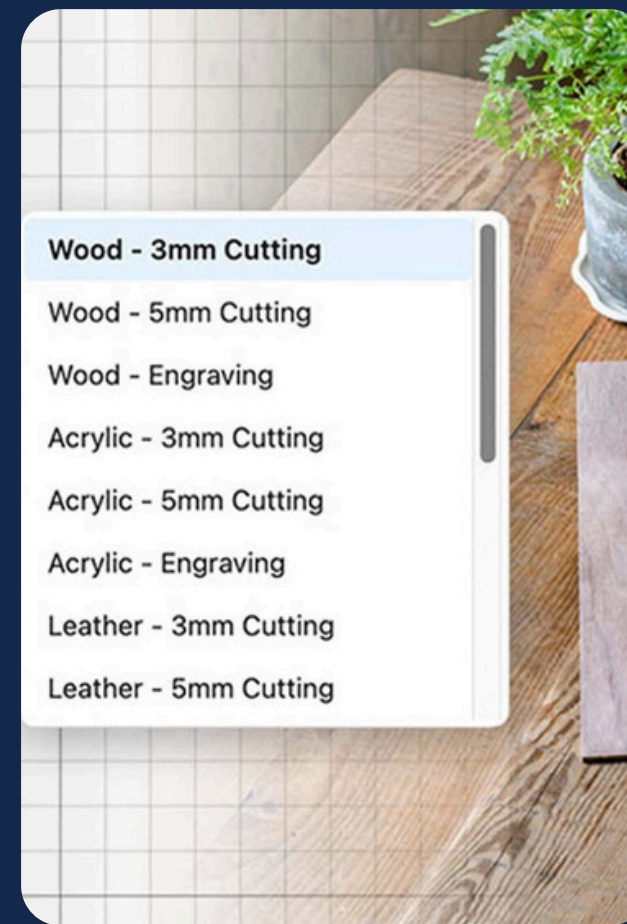
## Auto Fit.

Automatically recognizes the outer frame shape, saving time and effort.



## Background Remover. Preset Parameters.

One-click to remove image backgrounds, ideal for portrait and pet photos.

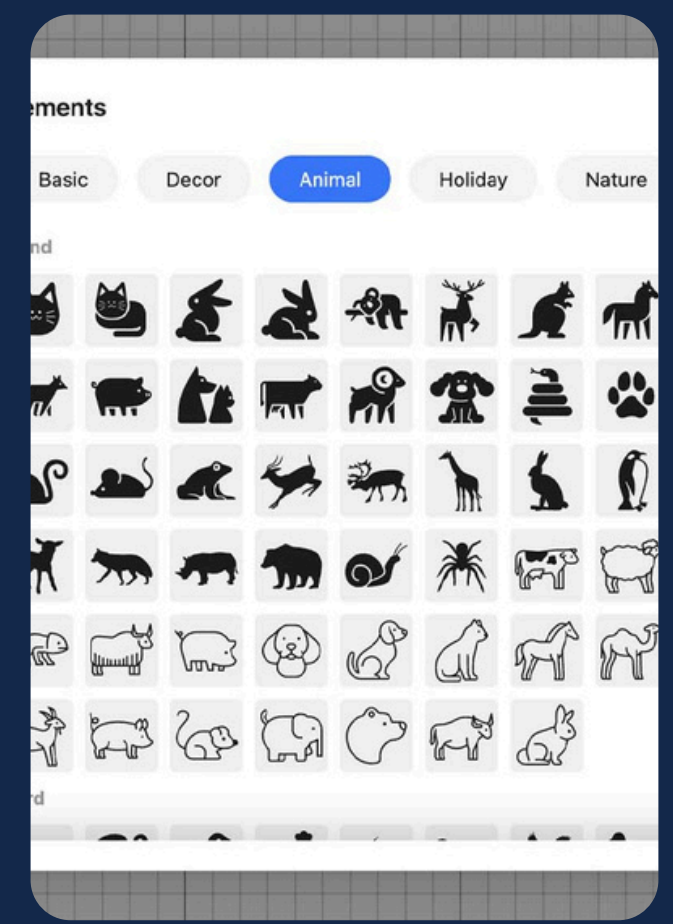


Select fine-tuned cutting and engraving settings for common materials.



## Smart Nest.

Save material by selecting multiple elements then one-click to organize.



## Curated Elements.

Choose from 400 vector elements to kickstart your design journey.





# Your Safety. Our Top Priority.



## Fully Enclosed Design.

Constructed with a full metal enclosure, the machine stops automatically when the lid is opened.



## Immediate Shutdown Button.

An emergency stop button on the side of the machine instantly halts operation in case of urgent situations.



## Beam Air Pro. Triple Protection.

Equipped with a high-quality three-layer filter, including a pre-filter, HEPA filter, and activated carbon filter.





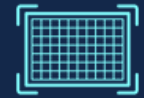
# Beambox II Specifications

## Product Spec

Laser Spec	-----	55W CO2
Size	-----	1005 x 334 x 692 mm
Weight	-----	48.5 kg
Max Engraving Speed	-----	900 mm/s
Max Acceleration	-----	8000mm/s <sup>2</sup>
Resolution	-----	1000 DPI
Display	-----	5" Touchscreen
Focus Mode	-----	Auto Focus
Laser Alignment	-----	Camera Preview / Red Light Preview
connectivity	-----	WiFi / USB / Ethernet (by USB Dongle)
Operating System	-----	Windows / macOS / Linux / ChromeOS / Web (iOS, iPadOS, Android)
Software	-----	Beam Studio / LightBurn



# Beambox II Specifications



## Work Area

Bed Size ----- 630 x 435 mm

Work Area ----- 600 x 375 mm

125 mm (without honeycomb)

Work Area Depth ----- 60 mm (with honeycomb)

215 mm (with Extension Pocket Add-on)

Extension Pocket Area ----- 385 x 210 mm



## Passthrough

Depth ----- 14 mm

Width ----- 350 mm





# Beambox II Specifications

## **Roller Rotary**

Engraving Diameter ----- 8 - 180 mm

Engraving Length ----- 570 mm

## **Chuck Rotary**

Cylinder Diameter ----- 1 - 145 mm

Ring Diameter ----- 11 - 145 mm

Sphere Diameter ----- 25 - 130 mm

Engraving Length ----- 500 mm





Bring Your Designs to Life.

# Thank You!

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