

# FLUX



CRAFT YOUR IMAGINATION

PRODUCT  
BROCHURE





Founded in 2014, in the same year, the team went to Silicon Valley, and successfully raised 1.64 million dollars from Kickstarter backers from all over the world. With 36 partners spreading across all five continents, FLUX now has users worldwide ranging from artists, educators, small businesses and more. The FLUX team will continue to bring forth the best tools for creators worldwide.

## **Tiny Footprint. Large Possibilities.**

The beamo's sleek, modern design sits beautifully in any home, school, or workshop space. The metal body and acrylic lid come pre-assembled at 7 by 24 by 17.5 inches (HWD). The modest build fits perfectly on any desk, while still allowing for a large cutting space of 8.2 by 11.8 inches for it's powerful 30W CO2 laser.

# beamo

## CO<sub>2</sub> Laser cutter





## Beam Studio

This powerful software's intuitive UI and high compatibility provide a smooth and easy to use creative tool for all FLUX users. Beam Studio simplifies the crafting process and keeps your mind focused on creating.



## Functional Add-on

Compact but powerful. With add-on modules, beamo can customize a dynamic range of products in any unique shape or style, allow for more configurations and materials including steel and rounded objects, perfect for your small business needs.



## Camera Preview

Preview mode shows you exactly where your design will be etched, so your design comes out exactly as shown in the preview, no surprises.

beamo

Weight ..... 22 kg

Dimension (HWD) ..... 177 x 615 x 445 mm  
( 7 x 24 x 17.5 inches )

Work Area ..... 300 x 210 mm ( 11.8 x 8.3 inches )  
Camera Preview Area ..... 300 x 195 mm ( 11.8 x 7.7 inches )  
Work Area Depth ..... 45 mm ( 1.8 inches )

Power ..... AC 110V / 220V

Laser spec ..... 30W CO2 Laser 10640nm

I/O ..... Wi-Fi / Ethernet / Direct Network Cable



## Bitmap Engraving

High-quality laser experience can afford bitmap engraving with 300mm/s. Less wasted time, less effort, best execution.



## Versatile Range of Materials

Beambox can easily cut dozens of materials up to 8 to 12mm, work flawlessly and save time for more creation.

### Compatible Materials

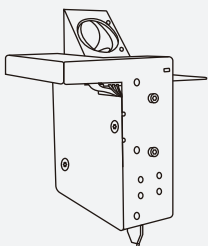
1<sup>st</sup>  
Cutting / 2<sup>nd</sup>  
Cutting

Engraving

Wood	..... 3 mm / 5 mm .....	<input type="radio"/>
Acrylic	..... 3 mm / 5 mm .....	<input type="radio"/>
Leather	..... 3 mm / 5 mm .....	<input type="radio"/>
Cardboard	..... 3 mm / 5 mm .....	<input type="radio"/>
Fabric	..... 5 mm / 8 mm .....	<input type="radio"/>
Bamboo	..... 3 mm / 5 mm .....	<input type="radio"/>
Rubber	.....	<input type="radio"/>
Glass	.....	<input type="radio"/>
Cement	.....	<input type="radio"/>
Stone	.....	<input type="radio"/>
Anode Metal	.....	<input type="radio"/>
Stainless Steel	.....	<input type="radio"/>

\* with diode laser

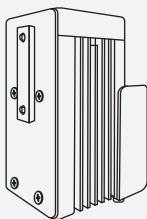
# beamo



## **Autofocus**

Able to autofocus by itself, so you'll never have to manually change the height again.

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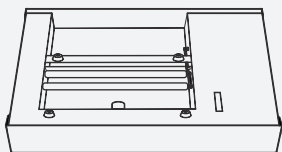
## **Hybrid Laser**

Able to engrave on metal and metal-like materials with ease.

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# add-on



## Rotary

Able to shape round, cylindrical objects. It can hold objects from 8 mm to 100 mm in diameter, anything from a pen to a 30 oz tumbler can be your workpiece.

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### Add-on combinations

Hybird Laser  
Autofocus

Hybird Laser  
Rotary

Autofocus  
Rotary

## **Free Your Inner Artist and Bring Your Ideas to Life.**

With a 40-watt / 50-watt laser tube, Beambox is a powerful laser cutter and engraver that lets you shape, cut, and engrave on materials like wood, leather, acrylic, and cardboard. It's perfect for your home and creative use.

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# Beambox

## CO<sub>2</sub> Laser cutter





## Beam Studio

This powerful software's intuitive UI and high compatibility provide a smooth and easy to use creative tool for all FLUX users. Beam Studio simplifies the crafting process and keeps your mind focused on creating.



## Bitmap Engraving

High-quality laser experience can afford bitmap engraving with 300mm/s. Less wasted time, less effort, best execution.



## Versatile Range of Materials

Beambox can easily cut dozens of materials up to 5mm, work flawlessly and save time for more creation.



## Camera Preview

Preview mode shows you exactly where your design will be etched, so what you see on your screen is what you get on your product, no surprises.

### Beambox / Beambox Pro

Weight	40 / 48 kg
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Dimension (HWD)	250 x 800 x 670 mm ( 9.8 x 31.5 x 26.3 inches ) 250 x 900 x 670 mm ( 9.8 x 35.4 x 26.3 inches )
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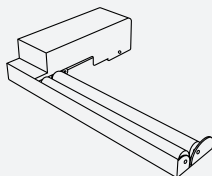
Work Area	400 x 375 mm ( 15.7 x 14.7 inches ) 600 x 375 mm ( 23.6 x 14.7 inches )
Camera Preview Area	400 x 375 mm ( 15.7 x 14.7 inches ) 600 x 360 mm ( 23.6 x 14.1 inches )
Work Area Depth	80 mm ( 3.1 inches )

Power	AC 110V/220V
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Laser spec	40W / 50W CO2 Laser 10640nm
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I/O	Wi-Fi / Ethernet / Direct Network Cable
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# Beambox add-on



## Rotary

Able to shape round, cylindrical objects with Beambox or Beambox Pro, It can hold objects from 10mm to 90mm in diameter. Maximum Object Length: 30cm for Beambox, 50cm for Pro.

### Compatible Materials

### Cutting

### Engraving

( Beambox / Beambox Pro )

Wood	.....	5 mm / <b>8 mm</b>	.....	<input type="radio"/>
Acrylic	.....	5 mm / <b>8 mm</b>	.....	<input type="radio"/>
Leather	.....	6 mm / <b>8 mm</b>	.....	<input type="radio"/>
Cardboard	.....	7 mm / <b>10 mm</b>	.....	<input type="radio"/>
Fabric	.....	10 mm / <b>12 mm</b>	.....	<input type="radio"/>
Bamboo	.....	5 mm / <b>8 mm</b>	.....	<input type="radio"/>
Rubber	.....			<input type="radio"/>
Glass	.....			<input type="radio"/>
Cement	.....			<input type="radio"/>
Stone	.....			<input type="radio"/>
Anode Metal	.....			<input type="radio"/>
Stainless Steel	.....			<input type="radio"/>

\* with diode laser

## Beam Air, High-Quality Air Purifier Made for Laser Cutter.

Advanced 3-Stage Filtration System, can easily filter 99.97 % of 0.3 - micron particles with medical - grade HEPA filters. Beam Air has 350 airflow ( CFM ) with a powerful BLDC motor fan to keep your air clean for your creative journey.

# Beam Air

## Indoor Air purifier





## Advanced 3-Stage Filtration System

Pre-Filter: Intercepts visible substances, smoke, and dust.

Medical Grade HEPA filter: Filters 99.97% of 0.3-micron particles.

Activated Carbon: Deodorizes and removes harmful gases. (TVOC, etc.)



## Quiet Operation for Cleaner Air

350 airflow (CFM) with powerful BLDC motor fan. Exclusive energy-saving technology with auto standby function. Adjustable airflow for a quiet working environment.



## Portable with Elegant Design

Compact and lightweight with wheels at its base for easy workspace placement.

### Beam Air

Weight ..... 17 kg

Dimension ( HWD ) ..... 490 x 260 x 470 mm  
( 19.3 x 10.2 x 18.5 inches )

Inlet diameter .....  $\Phi$ 100 W  
Power / **Voltage** ..... AC 110 / 220 V / **180W**  
Max. fan volume ..... 350 CFM, 9800L per min

Filter ..... Pre-Filter, Medium efficiency filter,  
H13 HEPA filter, activated carbon filter



# 4-Layer Filter

PRODUCT BROCHURE

Product Characteristics

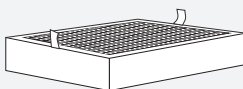
## Pre-filter

Lifespan : 10 – 30 hr



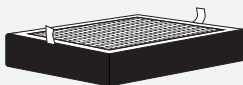
## Medium efficiency filter

Lifespan : 50 – 150 hr



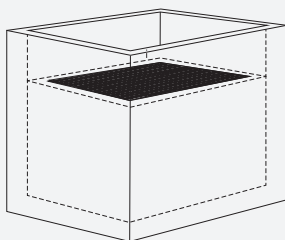
## Activated charcoal filter

Lifespan : 300 – 600 hr



## HEPA filter

Lifespan : 100 – 300 hr



### Materials & Attrition

◎ = Great ○ = Good △ = Reduces Faster

Material	Dust - Removal	Deodorization	Attrition
Paper	◎	◎	◎
Leather	◎	◎	○
Wood	◎	◎	○
Acrylic	◎	○	○
MDF board	◎	◎	△



# Beam Studio

Powerful software's intuitive UI and high compatibility provide a smooth and easy to use creative tool for all FLUX users. Perfect for both beginners and professional creators, Beam Studio simplifies the crafting process and keeps your mind focused on creating.

## Professional Design Tools

- Basic graphic tools
- Multi - layers control
- Vectorize
- Invert
- Crop
- Boolean
- Offset
- Array
- Align

## Compatible File Type and Design Software

**SVG / PNG / JPG / DXF / PDF / AI**



Adobe  
Illustrator



Adobe  
Photoshop



Affinity  
Design



Autodesk  
AutoCAD



Sketch



SketchUp



SolidWorks



Corel Draw



Rhinoceros

## Operating System

**Windows 10 / macOS 10.13 / Ubuntu 16**

# CONTACT US



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**INSTAGRAM**



**FACEBOOK**