

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 its powerful 30W CO2 laser.

beamo

CO₂Laser 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

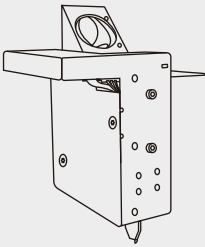
Beambox can easily cut dozens of materials up to 8 to 12mm, work flawlessly and save time for more creation.

Compatible Materials

	1 st Cutting	2 nd Cutting	Engraving
Wood	3 mm	5 mm	<input type="checkbox"/>
Acrylic	3 mm	5 mm	<input type="checkbox"/>
Leather	3 mm	5 mm	<input type="checkbox"/>
Cardboard	3 mm	5 mm	<input type="checkbox"/>
Fabric	5 mm	8 mm	<input type="checkbox"/>
Bamboo	3 mm	5 mm	<input type="checkbox"/>
Rubber			<input type="checkbox"/>
Glass			<input type="checkbox"/>
Cement			<input type="checkbox"/>
Stone			<input type="checkbox"/>
Anode Metal			<input type="checkbox"/>
Stainless Steel			<input type="checkbox"/>

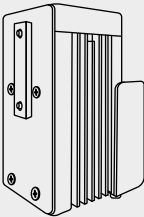
* with diode laser

beamo



Autofocus

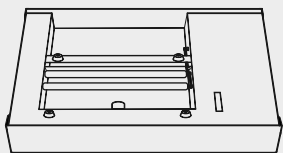
Able to autofocus by itself, so you'll never have to manually change the height again.



Hybrid Laser

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

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.

Add-on combinations

Hybird Laser

Autofocus

Hybird Laser

Rotary

Autofocus

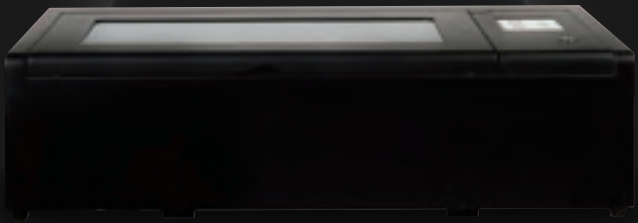
Rotary

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.

Beambox

CO₂ 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

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)

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)

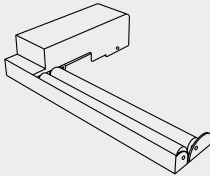
Power AC 110V/220V

Laser spec 40W / **50W** CO2 Laser 10640nm

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

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

* With FLUX Stainless Steel Spray

HEXA



SUPER



SPEEDY



SMART



SAFE



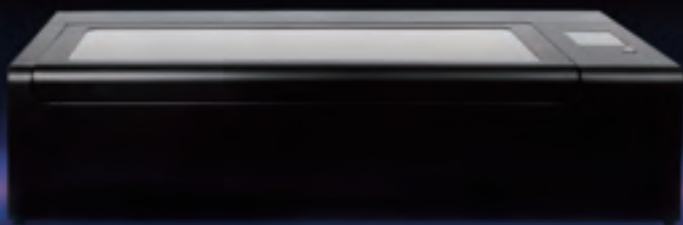
EFFICIENT



EASY

HEXA

Beyond Your Profession



⬡ SUPER

With 730 x 410 x 125mm of working area, it's 33% larger than Beambox Pro. Built for more capacity, more possibilities. Built for Mass Production. FLUX HEXA brings your work to the next-level quality.

⬡ SPEEDY

Carrying a Cortex M4 core chip, FLUX HEXA can engrave up to 900mm/s, freeing up more time for more work.

⬡ SMART

Electric elevation platform

Equipped with an electric elevation platform. Double tap to automatically adjust to optimized platform height.

Built-in cleaning slot

Built-in cleaning slot. Providing efficient cleaning experience.

HEXA

Weight	.....	Weight 58 kg
Dimension	.....	Height 273 mm (10.8 inch) Width 1110 mm (43.7 inch) Depth 670 mm (26.4 inch)
Work Area	.....	730 x 410 mm (29.5 x 16.1 inch)
Camera Preview Area	.....	730 x 395 mm (29.5 x 15.6 inch)
Work Area Depth	.....	125 mm (4.9 inch)
Power	.....	AC 110V/220V
Laser spec	.....	60W CO2 Laser 10640nm
I/O	.....	USB / Wi-Fi / Ethernet

SAFE

Safety sensors alert in case of unplanned movement, overheated temperature warning and fire alarm. Combining dampers and liftable rear cover, increasing both safety and convenience.

EFFICIENT

Brand new high spec 60W laser tube with optional 1.5 inch focus lens substantially shrinking laser spot, achieving 1000 DPI resolution. 10,000 hours of laser tube lifespan with 1 year warranty.

EASY

Multiple connection options, Never tied down.
Wi-Fi/Flash Drive/USB-Wire/Ethernet/Mobile Device.

Compatible Materials	Cutting	Engraving
Wood	10mm	○
Acrylic	10mm	○
Leather	10mm	○
Cardboard	12mm	○
Fabric	20mm	○
Bamboo	10mm	○
Rubber		○
Glass		○
Cement		○
Stone		○
Anode Metal		○
Stainless Steel		○

* With FLUX Stainless Steel Spray

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 Φ 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

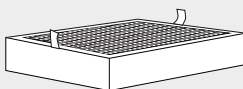
Pre-filter

Lifespan : 10 – 30 hr



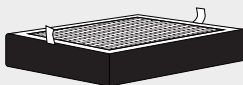
Medium efficiency filter

Lifespan : 50 – 150 hr



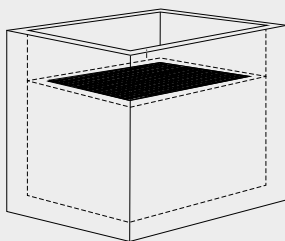
Activated charcoal filter

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 Features for Design

- **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 / Chrome OS

CONTACT US



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OFFICIAL



INSTAGRAM



FACEBOOK