Bring Your Designs to Life

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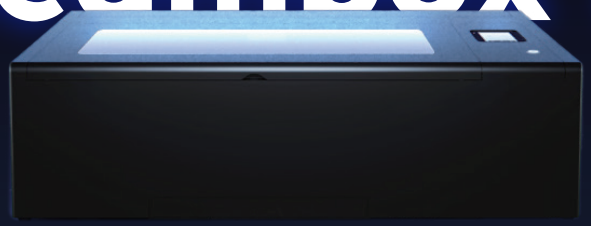
Beambox II

Ultimate Precision, Ready For Your Masterpiece.

Beambox II



Product Spec

Laser Spec	55W CO2 Laser
Engraving Speed	900 mm/s
Max Acceleration	8000 mm/s²
Resolution	1000 DPI
Product Size	1005 x 334 x 692 mm
Product Weight	48.5 kg
Display Screen	5” Touch Screen
Focus Mode	Auto Focus
Laser Alignment	Camera Preview / Red Light Preview
Connectivity	Wifi / USB / Ethernet (by USB Dongle)
Operating System Web Version	Windows / macOS / Linux / ChromeOS iOS / iPadOS / Android
Control Software	Beam Studio / LightBurn

Work Area

Bed Size			630 x 435 mm
Work Area			600 x 375 mm
Work Area Depth	125 mm without honeycomb	60 mm with honeycomb	215 mm with Extension Pocket Add-on
Extension Pocket Area			385 x 210 mm

Passthrough

Passthrough Depth	14 mm
Passthrough Width	350 mm

Roller Rotary

Roller	8 - 180 mm
Roller - Engraving Length	570 mm

Chuck Rotary

Chuck - Cylinder	1 - 145 mm
Chuck - Ring	11 - 145 mm
Chuck - Sphere	25 - 130 mm
Chuck - Engraving Length	500 mm

Compatible Materials

	Cutting	Engraving
Black Walnut[1] (Wood)	11 mm / 15 mm[4]	O
Japanese Cypress[1] (Wood)	15 mm / 18 mm[4]	O
Plywood[1] (Wood)	11 mm / 14 mm[4]	O
MDF[1] (Wood)	9 mm / 12 mm[4]	O
Acrylic	15 mm / 20 mm[4]	O
Cardboard[2]	10 mm	O
Leather[3]	6 mm	O
Fabric[3]	8 mm	O
Bamboo	10 mm	O
Glass, Anodized Metal, Stone, Stainless Steel[5]	X	O

Legend

* Certain materials require multiple passes to cut effectively. A higher cutting depth can be achieved by reducing the speed or by performing multiple passes. * The maximum cutting depth may decrease after a certain period of usage of the laser tube in laser cutters. [1] The performance of wood cutting may be affected by variations in the moisture content and density of the material. [2] Thick cardboard is a highly flammable material and should be cut with a slight amount of moisture to ensure safety. [3] Although high-power lasers can cut thicker leather and fabrics, due to their higher flammability, we recommend cutting the maximum thickness specified. [4] Utilizing maximum power may result in a slightly accelerated consumption of the laser tube.[5] Spray Paint Required