

# Technical Specifications

## BASIC SPECS

DEPTH :	335 mm (13.2")
HEIGHT :	289 mm (11.4")
WIDTH :	272 mm (10.7")
WEIGHT :	4.5 kg (10 lbs)
FRAME MATERIAL :	Aluminum Alloys
FILE TRANSFER :	USB Disk, USB cable
POWER REQUIREMENT :	100 - 240V AC
SUPPORTED OS :	macOS, Windows
COLOR TOUCHSCREEN	3.5"



## 3D PRINTING

HEATED BED :	Up to 80°C
BUILD VOLUME :	125 x 125 x 125 mm (4.9" x 4.9" x 4.9")
PRINT HEAD TRAVEL SPEED :	Up to 100 mm/s
NOZZLE DIAMETER :	0.4 mm
NOZZLE TEMPERATURE :	Up to 250°C
LAYER RESOLUTION :	50 - 300 microns
SUPPORTED MATERIALS :	Non-proprietary 1.75 mm PLA, ABS, etc.
NONSUPPORTED MATERIALS :	Alumide, graphite, etc.
SUPPORTED FILE TYPES :	STL, OBJ
SOFTWARE :	Snapmakerjs. You can also use 3rd party software: Cura, Simplify 3D, Slic3r.

## LASER ENGRAVING

WORK AREA :	125 x 125 mm (4.9" x 4.9")
LASER POWER :	200 mW
WAVELENGTH :	405 nm
SAFETY CLASS :	Class 3B
SUPPORTED MATERIALS :	Wood, bamboo, leather, plastic, fabric, paper, non-transparent acrylic, etc.
NONSUPPORTED MATERIALS :	Metal, glass, gem, transparent material, reflective materials, etc.
SUPPORTED FILE TYPES :	SVG, JPEG, PNG, etc.

## CNC CARVING

WORK AREA :	90 x 90 x 50 mm (3.5" x 3.5" x 2.0")
SHANK DIAMETER :	3.175 mm
SPINDLE SPEED :	19,000 RPM.
NONSUPPORTED MATERIALS :	Metal, glass, gem, etc.
SUPPORTED MATERIALS :	Wood, acrylic, PCB, carbon fiber sheet, jade, etc.
SUPPORTED FILE TYPES :	SVG, STEP, IGES, IGS, DWG, DXF, etc.
	<i>*Users can work with these supported files with the help of third party software such as Autodesk Fusion 360.</i>