

# Laser cutter

## Technical Parameters:

Laser - Type Sealed CO2 laser tube

Laser power **130W**

Cutting Area **1600\*1000MM**

Whole Machine Size 1820\* 1310\* 1070mm

Cutting Speed 0 - 24,000mm/min

Resetting Positioning Accuracy  $\pm 0.05\text{mm}$

Working Voltage AC 110 - 220V $\pm 10\%$ , 50-60Hz

Gross Power <1,500W

Operating Temperature 0-45°C

Operating Humidity 5-95%

Minimum Shaping Character English 1x1mm

\*Work Table 18cm lift platform

\*USA focus lens extra lens set included (one machine need 3 piece)

\*RECI W6 130W laser tube (use 10000 hours, Warranty:10 month)

\*Driving System stepper

\*Cooling Mode water-cooling and protection system

\*Auxiliary Equipment Exhaust-fans, air-exhaust pipe

\*Controlling Software DSP control system

\*Automatic Focusing - Auto focusing makes the laser head focus easily and quickly. Do not need to adjust the focal length by hand, saving much time and has higher accuracy. (only machine with motorized up and down platform, then can add auto focus )

\*Compatible Software CorelDraw AutoCAD Photoshop

\*Supported graphics format: BMP, PLT, DST, DXF, and AI

\*protective goggles CE certified

\***Cutting speed for acrylic, organic glass, PMMA, plastic as bellow:**

- 2mm 1800mm/min,
- 3mm 1500/min,
- 5mm 1000mm/min,
- 8mm 500mm/min,
- 10mm 300mm/min,
- 12mm 150mm/min,
- 15mm 75mm/min

\*Machine weight: 320kg

export plywood case: 2.41\*1.88\*1.28cbm/set

**Delivery time:** about 10 to 20 working day after receive your related payment + shipping time average 38 day from qingdao to Limassol.

**Price is 6000 euros + VAT**

If you need to use indoor filters then you can buy extra - High Efficiency Air Filters

Environmentally friendly and pollution-free laser can be directly used indoors.

Tertiary filtration

Filter large particles in bags.

HEPA filtration larger than 0.03UM particle. Activated carbon adsorption system. extra cost **400 euros + VAT**



## 3D Printer

### Dual Extruder Large Printing Size 260\*260\*350mm Auto Leveling Heated Bed Touch Screen Wifi Model

#### Technical Specifications:

Frame: Aluminium Structure

Voltage: 110V / 220V

Power Supply: 12V 30A

Printing Technology: FDM (Fused Deposition Modeling)

Build Size: 260\*260\*350mm

Layer Resolution: 0.05-0.4 mm

Positioning Accuracy: X/Y 0.004mm Z 0.012mm

Supported Print Materials: PLA, ABS, Wood, Flexible, HIPS, PVA

Material specifications :1.75mm in diameter

Print Speed: 50-300mm/s

Nozzle Diameter: 0.4 mm (customized 0.2mm/0.3mm).

Extruder Quantity: Double

The file print format: STL, G-Code.

Control software: repetier-host, Cura.

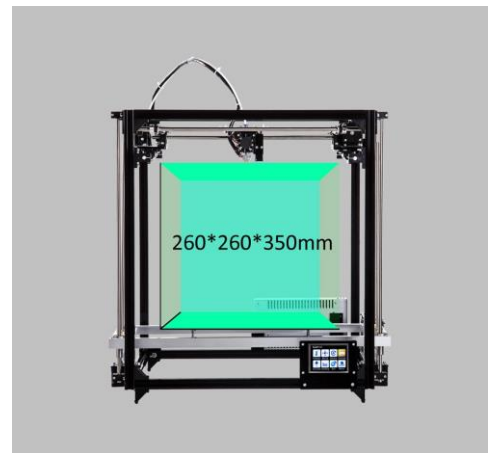
Connection: SD card or USB.

Display: 3.2 inch touch screen

Wifi module

Printer Dimensions: 500\*500\*560mm

Printer enclosure (The main reason to have a 3D printer enclosure is to reduce warping of some materials upon extrusion. An enclosure will keep the **temperature** in the vicinity of the print bed more homogeneous, protecting the area from drafts, but also from dust. It also adds a safety layer to your printer, reduces noise, and helps organize space)



**Cost price 1050 euros + VAT**

**Printer delivery time is 15 working days**

**Remote access with camera cost 150 euros + VAT**

**Harris Orphanides**

Managing Director

Bl!zzworx Limited

2m Kasou Str

2303Lakatamia

Nicosia - Cyprus

Tel: +357 22119494

Fax: +357 22251737

[harris@blizzworx.com](mailto:harris@blizzworx.com)