

Machines

Available machines, infos and documentation for them

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- 3D Printer

CNC Mill Makera Carvera

A small enclosed CNC Machine with a Tool changer mainly used for milling PCBs or small wood/metal things.

Specification/Available Tools

Features

- Tool Changer (6 Tools)
- Auto-Z Probe
- Dust Collector (mainly for bigger chips)
- 4. Axis for rotaty objects

Specs

- 36cm(X) * 24cm(Y) * 14cm(Z) Volume
- 9.2cm(Diameter) * 24cm(Length) 4. Axis
- 200 watt
- collet 1/8in integrated (optional: 1/4in, 6mm, 4mm)
- 600cm/min max X/Y Axis movement speed
- Less than 0.01mm Runout
- 0.01 mm motor precision
- 0 - 15000 RPM Spindel
- 0.8 liter Dust Tank Volume

Materials

Wood:

- Hardwoods, softwoods, MDF, plywoods, etc.

Plastic:

- Foam, PVC, ABS, Acrylic, PC, HDPE, etc.

Composite materials:

- Carbon fiber, FR1, FR4, etc.

Non-Ferrous metals:

- Aluminum, brass, copper, etc.

CNC Mill Makera Carvera

Safety Instructions

How to Use

1. Start
2. Home
3. Zero
4. Upload & Start GCODE

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Troubleshooting

Lasercutter

Specification/Materials

Lasercutter

Safety Instructions

Lasercutter

How to use

Lasercutter

Troubleshooting

Vinylcutter

3D Printer