

CNC ROUTER ENGRAVING MACHINE 60x40 PCB

Model: CNC6040Z-USB



Description:

The 6040Z-1500W/USB CNC engraving machines make it fast and easy to engraver to scribe a wide variety of materials, spindle speed can be varied between 3000-24000 rpm for engraving a wide variety of materials, including wood, urethane foam, plastic, acrylic, and metals such as brass and aluminum

Specifications:

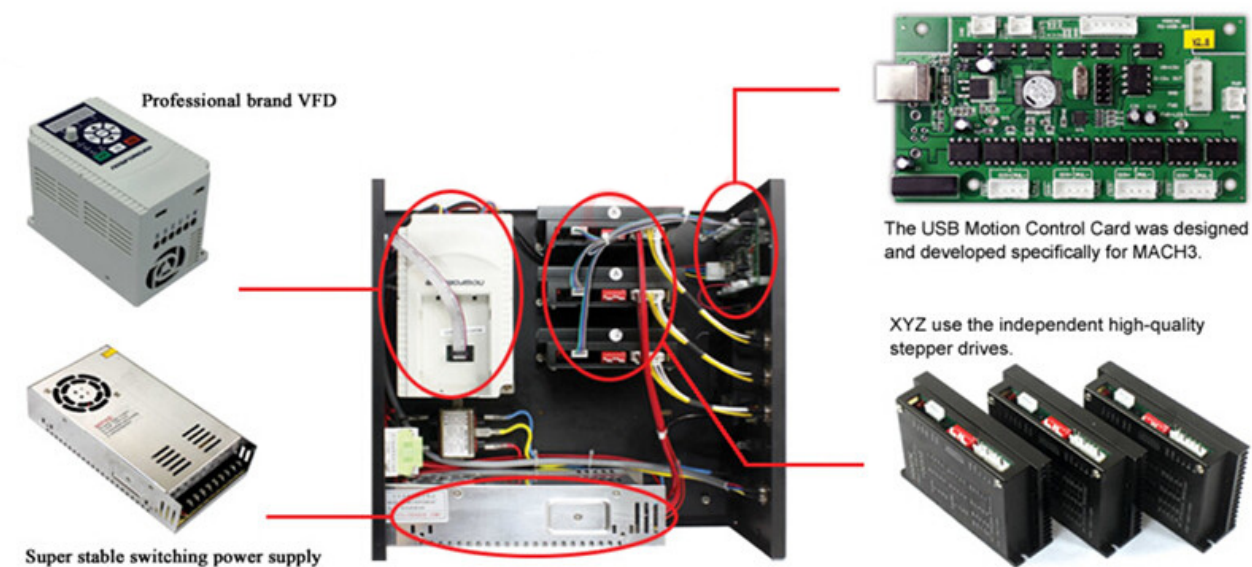
| | | |
|--|--------|--|
| Stepping Motor type | | 57 two-phase 3A , super-low noise |
| Spindle Motor | | 1.5KW VFD spindle |
| Principal Axis Collet (Chuck) | | ER11/3.175 collet |
| Spindle Speed | | 1000-24000RPM/MIN |
| Empty Line Speed | | 0-5000mm/min |
| Frame Materials (Aluminum profiles) | | 6061 aluminum alloy + 6063 Industrial aluminum |
| Driving Units | X axis | 1605 ball screws |
| | Y axis | 1605 ball screws |
| | Z axis | 1605 ball screws |
| Sliding Units | X axis | Dia.16mm chrome plate shafts |
| | Y axis | Dia.20mm chrome plate shafts |
| | Z axis | Dia.13mm chrome plate shafts |
| Effective Working Travel | | 580(X)mm*480(Y)mm*65(Z)mm |
| Shape Dimension | | 850*640*470mm |
| Max. Thickness of the Materials: Feed Light | | ≤ 90mm (the distance between Z axis and the bottom of the working station) |
| Max. Work piece dimension | | 200mm*240mm < 90mm |
| Work table dimension (Workbench) | | 750mm*480mm*20mm |
| Resetting Accuracy | | 0.05mm |
| Engraving Accuracy | | Better than 0.03mm(has been tested) |
| Spindle Precision | | Triaxialone-piece drive + ring variable power + PWM speed |
| Communication Interface | | USB Port 2.0 with compute |
| Software Environment Suitable for The System | | Windows 10 |
| Carving Speed | | 0-2500mm/min (different materials differ) |
| Software Compatibility | | Mach3/Emc2, (Type3, Wentai, ArtCAM) |
| Command Code | | G code/.nc/.ncc/.tab/.txt |
| Machine Weight | | 58Kg |

Packaging List:



1. Control box
2. Power cable
3. USB port cable
4. Tool package (include tool 4pcs, wrench 2pcs, clamp 4pcs)
5. Tool auto checking instrument
6. Water pump
7. CD of manual and software MACH3
8. Toggle clamp

More Product Details:



Applications:



Made in China