

ChinaCNCzone

3040 500W CNC 5500MW Laser machine Specification



Shenzhen Scotle Technology Ltd

Address: 1st Floor, A Building, First Industrial Park, Bantian, Longgang District, Shenzhen, 518027, China

Website: www.chinacnczone.com

Tel.: 86 0755 83692414

E-mail: sales06@scotle.com

Contact Person: Luke

Fax: 86 0755 83692580



4th Axis for optional, 4axis can engrave cylindrical objects

Highlights for this CNC 3040

- 1. 500w Air Cooling Spindle, 5500MW laser head (for optional)**
- 2. Ball screw high precision**
- 3. Independent power supply for main board, prolonged using life.**
- 4. DSP control**
- 5. Limited switch added**
- 6. Auto-Checking function**
- 7. Add 4 axis, can engrave cylinder object.**

| | |
|---|--|
| Effective working travel | 280(X)mm*370(Y)mm*55(Z)mm |
| Shape dimension | 615*485*390mm |
| Max.workpiece dimension | 280mm*370mm<70mm |
| Work table dimension | 530mm*320mm |
| Frame materials | aluminum alloy 6063 and 6061 |
| Driving units X/Y/Z axis | SFUR1204-DFC7-P0 ball screw |
| Sliding units X axis | Dia.16mm chrome plate shafts |
| Sliding units Y axis | Dia.16mm chrome plate shafts |
| Sliding units Z axis | Dia.12mm chrome plate shafts |
| Stepping motor type | 57 two-phase 2.5A 55N.cm |
| Spindle motor | Brand new 500w dc motor 11000PRM/Min 52MM 100V |
| Laser head(for optional) | 5500MW |
| 4Axis precision maximum clamping diameter | K11 3-jaw chuck hollow shaft, 1.8 degree Angle, 3:1 (Synchronous belt), 13.33 steps per ,maximum clamping diameter 52mm. |
| Principal axis collet | ER11/3.175 mm |
| Positional accuracy | 0.05mm |
| Spindle precision | radial beat acuities 0.03 mm |
| Control unit | JP382A +2 Independent power+ Continuously Variable speed +1635A 4th Axis drive board |
| Code | G code/TAB files/nc file/NCC files L |
| Maximum speed | 0-3000mm/min |
| Carving speed | 300-2500mm/min (different materials differerent) |
| Operating Voltage | AC110V/AC220V |
| Acceptable software | DSP control |
| Protection | Emergency stop button |
| Accessories | Auto checking tool , cutter, the same as accessories photo |
| Warranty | 1 YEAR |
| Package size | 1 carton, 66*59*53cm |
| Gross weight | 3axis27kg/4axis 30kg |
| Top diameter | 15mm |
| Centre-height | 50mm |
| Clamping diameter | 40mm finger tight fitting |
| Reduction ratio | 1:3 |
| Error Range | 0.1 |