

01 Product Highlight

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New Model **SL-460 50W Laser Cutter Engraver Machine** for Glass, Arylic, Wood, Leather, Plastic it is our latest model of [CO2 laser engraving machine](#).

Outstanding features as below

1. Adjustable Speed and Power, Smooth and Precise Engraving and Cutting
2. USB Interface
3. Air Assist, Remove heat and combustible gases from the cutting surface.
18W Air pump, flow can be 38L/Min.
4. Embedded Exhaust Fan, Easier install, Safer transport.
40W exhaust fan, flow can be 5.27m³/Min.
5. Rotary Axis, Engrave any cylindrical object.
6. Cellular platform, Leave no chippings on working area.
7. Intuitive Control Panel, Set Speed, power and more controls directly from the laser.
8. Water Cooling and Protection System.
15W Water Pump, flow can be 7.5L/H.
9. Laser position.
10. Emergency Stop Button.
11. Larger Size, 400*600mm working area.
12. Lifting platform is electric control.
13. Drag - and - chain transmission line
14. Laser focal length: 5CM
15. A limit switch let it can only work when the cover is closed.
16. Machine service life: 1000-1500H for laser tube, 3-5 years for machine body.
17. [With stand support](#)
18. [With temperature LCD to display the water temperature.](#)
19. [This 50W Laser Cutter Engraver Machine is with water cool system.](#)

02 Parameters

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| | |
|-----------------|--------------|
| Total power | <300W |
| Laser power | 50W |
| Laser type | CO2 |
| Power supply | AC 220V/110V |
| Working area | 400*600 mm |
| Engraving depth | 0-10 mm |

| | |
|--|---|
| Cutting depth | 0-5 mm |
| Engraving speed | 0-600mm/s |
| Cutting speed | 0-600 mm/s |
| Lifting platform | 0-300 mm Honeycomb Screen |
| Locating precision | <0.01 mm |
| Min shaping character | Character: 2*2mm, Letter: 1*1mm |
| Working temperature | 5°C-45°C |
| Working humidity | 5%-95% |
| Resolution ratio | ≤2000dpi |
| Control configuration | DSP |
| Data transfer interface | USB 2.0 (offline) |
| System environment | Windows XP / Win 7 / Win 8 |
| Cooling | Water Cooling and protection system |
| Graphic Format Supported | The Files which CorelDraw & WinsealXP can identify (BMP,JPEG,PLT,CDR,AI,) TIFF,PCX,DIB,TIF |
| Compatible software | CorelDraw,WinsealXP |
| Color separation | NO |
| Sloping engraving | NO |
| Cuts off the water supply the protection | Yes |
| Outside Dimensions | 1020*700*600 mm |
| Net Weight | 75KG |
| Packing | Wooden box |
| Package Dimension | 1200*940*800 mm |
| Package Weight | 180 kg |









04 Applications

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This SL-460 50W CO₂ Laser Cutter Engraver Machine can be widely used

- Advertising&Design staff
- Craft Maker
- Woodwork fans
- Model fans
- Leather Tailor's
- NOT Ready for Nowise(beginner)

| Material | Engrave | Cut |
|-------------------|---------|-----|
| Wood | Yes | Yes |
| Jade | Yes | |
| Acrylic | Yes | Yes |
| Glass | Yes | |
| Ceramic | Yes | |
| Delrin | Yes | Yes |
| Cloth | Yes | Yes |
| Leather | Yes | Yes |
| Marble | Yes | |
| Matte Board | Yes | Yes |
| Melamine | Yes | Yes |
| Paper | Yes | Yes |
| Mylar | Yes | Yes |
| Press Board | Yes | Yes |
| Rubber | Yes | Yes |
| Wood Veneer | Yes | Yes |
| Fiberglass | Yes | Yes |
| Painted Metals | Yes | |
| Tile | Yes | |
| Plastic | Yes | Yes |
| Cork | Yes | Yes |
| Corian | Yes | Yes |
| Anodized Aluminum | Yes | |
| Ceramics | Yes | |
| Stainless Steel | * | |
| Brass | * | |



***means you have to use a spray called "thermark" to spray the surface of the material and then you can mark on it.







SHENZHEN SCOTLE TECHNOLOGY GROUP LIMITED

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客户合影及公司文化
Customers and Company Culture



