



CLC-3624/CLC-5536



Castaly's CNC lasers
Machine are perfect
for:

- ❖ Cutting a wide variety of material
- ❖ Engraving fine details
- ❖ Video game cabinets
- ❖ Furniture processing
- ❖ Plastic processing
- ❖ Wood and plastic engraving



CASTALY INDUSTRIES CORP.

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General Information

| | |
|---------------------------------|--|
| FOB L.A. California, USA | CLC-3624, 60W: \$7,445.00 USD /80W: \$7,950.00 USD CLC-5536, 60W: \$7,950.00 USD /80W: \$8,737.00 USD |
| Payment Terms | Tooling, rigging, freight & sales taxes are not included |
| Warranty | 50% deposit, 50% balance before ship |
| Delivery time | 9 months |
| General specs | To confirm with sales |
| | 1. Machine Gantry X Axis square rails Parallel vertical accuracy 0.001" (0.03mm) |
| | 2. Y Axis square rails Parallel vertical accuracy 0.001" (0.03mm) |
| | 3. Z Axis ball screw Parallel vertical accuracy 0.001" (0.03mm) |
| | 4. Machine Re-position accuracy 0.001" (0.03mm) |
| | 5. Machine working accuracy 0.004" (0.10mm) |
| | 6. Grating ruler travel accuracy 0.002" (0.05mm) |

Features

- ❖ High-end DSP control system with smooth cutting edges and natural curves
- ❖ Imported lenses, strong energy, no need to change frequently, reducing the cost of use
- ❖ LCD touch screen display, showing the processing path, high-end atmosphere grade
- ❖ Full-page cutting, saving costs, suitable for personalization and small batch production
- ❖ Easy to learn, one computer operates multiple machines
- ❖ Optional CCD vision positioning and cutting.
- ❖ Machine comes with cutting and engraving software

Technical data

| 1- | Control system | Powercut 4311 |
|-----|-----------------------------|--|
| 2- | Laser power | 60W/80W |
| 3- | Laser type | CO2 10.6 μ m |
| 4- | Laser classification | Class 4 |
| 5- | Working size | CLC-3624 :1000mm x 600mm (39" x 24") CLC-5536 :1300mm x 900mm (51" x 36") |
| 6- | Cooling type | Water cooling |
| 7- | Engraving speed | 0-70 000mm/min (0- 2750 IPM) |
| 8- | Cutting speed | 0-40 000mm/min (0- 1575 IPM) |
| 9- | Laser output control | 5-100% (software setting) |
| 10- | Minimum shaping character | 1.0 mm x 1.0mm |
| 11- | Max scanning precision | 2500 dpi |
| 12- | Resetting position accuracy | $< \pm 0.01$ mm |
| 13- | Graphic format supported | PLT, AI, BMP, DST, DXF... |
| 14- | Software supported | Coreldraw, Photoshop, autoCAD... |
| 15- | Color separation | Yes |
| 16- | Power supply | AC 220V/50Hz, AC110V/60Hz |
| 17- | Cutting/engraving software | Powercut or RD work |
| 18- | Dust collection | Option |
| 19- | CCD | Option |
| 20- | Rotary axis | Option |
| 21- | Closed cabinet | Option |

Feel Free to contact us if you have any technical question or OEM/ODM project, we have solutions for all your needs!



Steel table



CO2 tube



Controller



Electrical cabinet

