



# CLC-5198



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

<b>FOB L.A. California, USA</b>	<b>\$5,700.00 USD</b>
<b>Payment Terms</b>	Tooling, rigging, freight & sales taxes are not included
<b>Warranty</b>	50% deposit, 50% balance before ship
<b>Delivery time</b>	One year
<b>General specs</b>	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" (0.02mm)
	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	BCS100
2-	Laser power	80W/100W/150W/180W
3-	Laser type	CO2 10.6 $\mu$ m
4-	Laser classification	Class 4
5-	Working size	1300mm x 2500mm (51" x 98")
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	1-100% (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

