

# CO2 Laser Cutting Machine



Laser cutting machine  
Laser engraving machine

**New design**



**CS series**

*Different design*

*Color customization*

*OEM service*

## More options

There are different design cabinet for option  
Choose the one you like

## Color customization + OEM service

- OEM service, put your own logo
- Build a attractive machine by your favorite color
- Support other customization service



## Unique design built-in auxiliary system

It makes the working condition more tidy,  
and auxiliary system working more lasting

## Default configuration

### Ruida controller

The famous Ruida controller RDC6442 or RDC6445 as default configuration



### Teyu S&A chiller

Top level water chiller is an assurance for high stability running for laser machine



### Hongyuan HY-T\*\*\*

Laser power supply & laser tube are key components to a laser cutting machine



### Leadshine motor & driver

Leadshine brand motor/driver makes the movement stability and high speed



## Features

1. Customization support, truly create a laser machine with own favorable characteristics and brand for customers
3. Intensive fuselage design, built-in water chiller/air blower/air compressor
5. Based on ultra-stable quality laser components

2. More than 20 years of experience in the laser industry and 10 years in R&D and manufacturing of laser cutting machines

4. Professional technical services to make foreign dealers worry-free

6. Modular design of high-speed motion system for option

## High accuracy & speed motion system



## Applicable materials

Acrylic   Plexiglass   PMMA   Perspex
Organic board   Double color sheet
Wood   Plywood   Veneer   MDF   Balsa
Leather   PU   Shoe Material   Synthetic Leather   Genuine Leather
Fabric   Cloth   Textile
Carpet   Mat   Rug   Wool Felt
Paper   Cardboard   Chipboard   Press Board
Ceramic   Tile   Marble   Glass
Plastic
Fiber Glass   Filter Cloth

Model	CS6040	CS9060	CS1080	CS1390	CS1410	CS1610
Working area(mm)	600*400	900*600	1000*800	1300*900	1400*1000	1600*1000
Laser heads	Single head	Single head	Single head, double heads, 4 heads for optional			
Laser power	60-100w	60-100w	60-100w	80-150w	80-150w	80-150w
XY linear guide rail	Inner sliding, outer sliding, rack driving for optional					
Controller	Ruida controller RDC6442 or RDC6445, other brand controller for optional					
Laser tube	EFR/SP/SPT/RECI and other brand laser tube for optional					
Timing belt width	15mm	15mm	15mm	20mm	20mm	20mm
Working table	Honeycomb worktable as standard, blade worktable for optional					
Graphic format supported	BMP, PLT, DST, DXF, AI					
Accessories	Water chiller & pipe, air compressor & pipe, exhauster & pipe, tool box					
Electrical required	220V/50HZ as default configuration, if need 110V/60HZ need to be notified					
Net weight	250KG	300KG	350KG	400KG	450KG	500KG
Overall dimension (mm)	1300*900	1600*1180	1700*1380	2000*1480	2100*1580	2300*1580

Notice: The machine height for above all models are 1120mm



**CP series**

*Projector positioning laser cutting machine*

## Instant Preview convenient & fast

**Good for clothing industry  
and the shoe-making industry**

## Models

- CP1390-80/100/130/150w
- CP1410-80/100/130/150w
- CP1610-80/100/130/150w



**CM series**

*CO2 laser marking & cutting machine*

## Marking & cutting together

**New R&D  
let's do large size marking/cutting jobs  
faster & easily**

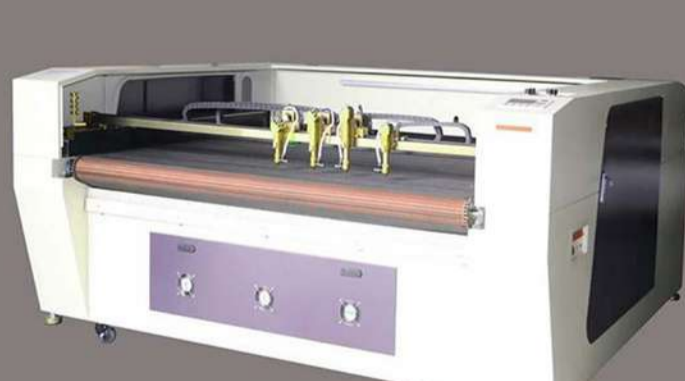
## Models

- CM1310-80/100/130/150w
- CM1612-80/100/130/150w



**CF series**

*Auto feeding laser cutting machine*

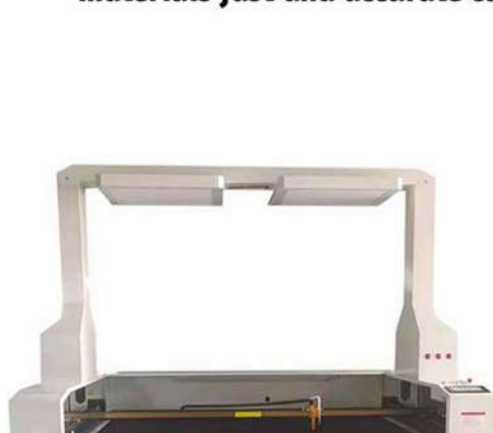


## Auto feeding for high efficiency

**Auto feeding laser cutting machine suitable for small and medium format flexible materials fast and accurate cutting**

## Models

- CF1410-80/100/130/150w
- CF1610-80/100/130/150w
- CF1813-80/100/130/150w



**Vision cutting CV series**



**Large format CB series**

- CV1612-80/100/130/150w
- CV1814-80/100/130/150w
- CV1812-80/100/130/150w
- CV1820/30-80/100/130/150w

The independent two heads laser cutting system is perfectly combined with the smart vision system, and further optimized in the requirements of printed graphics processing.

- CB1325-130/150/180/200/300/400W
- CB1630-130/150/180/200/300/400W
- CB1830-130/150/180/200/300/400W

Special design, even 1800\*3000mm can be put in the normal container for shipment  
High power can be used for die board cutting