

# B

## Engraving Products

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## Laser engraver

**LEM-S25: Vertical Desktop Laser Engraver**

- ◆ Single lens, no need to adjust optical path, easy maintenance.
- ◆ Automatic locating system.
- ◆ Compact design, more stable.

**Specifications**

**Max. Engraving Area:** 120\*70mm(4.7\*\*2.8")  
**Laser Power:** CO2 glass tube 25W  
**Engraving Speed:** 150mm/s(5.9")  
**Min. Engraving Letters:** English letters: 1.5mm  
**Resolution:** <=1000dpi  
**Power Support:** AC 110V-220V, 50/60Hz  
**Machine Dimension:** 420\*410\*930mm(17\*\*16\*\*37")  
**Machine Weight:** 38kg  
**Software:** YZWIN Stamp Editing Software

**Price: \$1,100**

**LEM-K25: Horizontal Desktop Laser Engraver**

- ◆ New mechanical construction, larger working area.
- ◆ Longer service life.
- ◆ Automatic lifting table, fine quality.

**Specifications**

**Max. Engraving Area:** 240\*250mm(9.45\*\*9.8")  
**Max. Stamp Engraving Area:** 120\*60mm  
**Laser Power:** CO2 glass tube 25W  
**Max. Engraving Speed:** 150mm/s(5.9")  
**Min. Engraving Letters:** English letters: 1.5mm  
**Resolution:** <=1000dpi  
**Power Support:** AC 110V-220V, 50/60Hz  
**Machine Dimension:** 700\*600\*260mm(28\*\*24\*\*11")  
**Machine Weight:** 38kg  
**Software:** YZWIN Stamp Editing Software

**Price: \$1,186**

**LEM-T40: Desktop Laser Engraver(Gradient Carving)**

- ◆ Red light indicator
- ◆ Automatic focus and up-down table(Special for round stamp)
- ◆ Support gradient carving

**Specifications**

**Max. Engraving Area:** 400\*240mm(15.8\*\*9.45")  
**Laser Power:** CO2 glass tube 25W  
**Max. Engraving Speed:** 150mm/s(5.9")  
**Min. Engraving Letters:** English letters: 1.5mm  
**Resolution:** <=1000dpi  
**Power Support:** AC 110V-220V, 50/60Hz  
**Machine Dimension:** 700\*600\*260mm(28\*\*24\*\*11")  
**Machine Weight:** 38kg  
**Software:** ZWIN Stamp Editing Software(CSACE and Printing Driver software)

**Price: \$3,738**



## Laser engraver

B

**LEM-ZTGD-4028: High Precision Handicraft Laser Engraver**

- ◆ Be especially designed to meet the requirements of crafts, advertisement and decoration industries.
- ◆ Can engrave on most nonmetal materials, such as wood block, bamboo block, cardboard, rubber, organic glass, glass and crystal, leather clothing etc.
- ◆ With smart design, high engraving precision, the laser engraving machine is convenient to use.
- ◆ Integrating optics, machinery and electricity.
- ◆ LPT interface, you can operate the laser engraver with PC directly.
- ◆ Equipped with manual up-down lift worktable, it is easy to focus, freely up and down 0-150mm(0"-5.9") of height. It can engrave on materials with different thickness.

**Specifications****Max. Engraving Area:** 400\*280mm(15.75"\*11.02")**Max. Stamp Engraving Area:** 100\*120mm(3.94"\*4.72")**Laser Power:** CO2 glass tube 40W**Max. Engraving Speed:** 200mm/s(7.9")**Resolution:** <=1000dpi**Min. Engraving Letters Size:** English letters 0.5mm(0.02")**Power Support:** AC 110V-220V, 50/60Hz**Machine Dimension:** 800\*530\*960mm(32"\*21"\*38")**Machine Weight:** 90kg**Software:** Artcut Engraving Software**Price: \$2,008****LEM-U Series Engraver****Special for aircraft and gift industry to process heteromorphy objects.**

Be suitable for music instrument, art gift, advertising decoration, toy, electronic industry, cutting of template, paper product and other industries. It can engrave on nonmetal materials, such as bamboo, putamina of coconut, paper, plexiglass, acrylic, marble, jade, crystal, and so on.

- ◆ Adopts the opening structure of three sides and electric lift worktable, and its Z direction has enough length to process heteromorphic objects.
- ◆ Adopts the leading "Smart Engraving" technology, so it can engrave 1mm English letters.
- ◆ Along with the machine, **there are two sets of software:** ACE and Print Driver. ACE can input BMP, PLT file format design, then edit and output them, Print Driver can directly output many file format in Windows, like Photoshop, CorelDraw, etc.

**Specifications**

Model	LEM-U40	LEM-U60
Max. Engraving Area	430*340mm(17"*13")	610*450mm(24"*17.7")
Laser Power	CO2 glass tube 40W	CO2 glass tube 60W
Max. Engraving Speed	800mm(31.5")/s	800mm(31.5")/s
Resolution	<=1000dpi	<=1000dpi
Min. Engraving Letters Size	English letters 1mm(0.039")	English letters 1mm(0.039")
Gradient Carving	Yes	Yes
Lift Worktable	Electric adjust	Electric adjust
Power Support	AC 110V-220V, 50/60Hz	AC 110V-220V, 50/60Hz
Machine Dimension	1200*720*1200mm(48"*29"*48")	1200*840*1200mm(47.2"*33.1"*47.2")
Machine Weight	100kg	110kg
Software	CSACE engraving software and Printing Driver software	
Optional Device	Rotary fixture, water chiller	
Spare Parts	Reflective mirror, lens, and laser tube	
Price	\$3,600	\$5,231

With rotary fixture, it can engrave on cylinder objects, such as cup, pencil vase and so on. It breaks through the limitation of the planar engraving and augments the working range.

Bigger rotary fixture	Used for $\Phi$ 8~100mm column
Smaller rotary fixture	Used for $\Phi$ 5~20mm column
Three claw rotary fixture	Used for $\Phi$ 160~260mm column, automatic alignment center



Laser engraver



### LEM-R Series Hyperfine Laser Engraver

**Special for Craft and Gift Industry-Hyperfine engraving effect.**

Be suitable for music instrument, art gift, advertising decoration, toy, electronic industry, cutting of template, paper product and other industries. This series machines can engrave on nonmetal materials, such as bamboo, putamina of coconut, paper, plexiglass, acrylic, marble, jade, crystal.

- ◆ With up-down lift worktable, it can enlarge Z direction's working height up to 250mm.
- ◆ Adopts the leading "Smart Engraving" technology, so it can engrave 1mm English letters.
- ◆ Hyperfine engraving effect. You can also choose RF laser tube imported from US, with higher precision and speed.
- ◆ Along with the machine, there are **two sets of software: ACE and Print Driver**. ACE can input BMP, PLT file format design, then edit and output them, Print Driver can directly output many file format in Windows, like Photoshop, CorelDraw, etc.

With following rotary fixtures, it can engrave on many cylinder objects, such as cup, pencil vase. It breaks through the limitation of the planar engraving and augments the working range.

Bigger rotary fixture	Used for $\Phi$ 8~100mm column
Smaller rotary fixture	Used for $\Phi$ 5~20mm column
Three claw rotary fixture	Used for $\Phi$ 160~260mm column, automatic alignment center



LEM-R80



LEM-R100



### Specifications

Model	LEM-R60	LEM-R80	LEM-R100
Max. Engraving Area	610*450mm(24**18")	800*500mm(31**20")	990*450mm(39**18")
Laser Power	CO2 glass tube 40W	CO2 glass tube 60W	CO2 glass tube 60W
Max. Engraving Speed	800mm(31.5")/s	800mm(31.5")/s	800mm(31.5")/s
Resolution	<=1000dpi	<=1000dpi	<=1000dpi
Min. Engraving Letters Size	English letters 1mm(0.039")	English letters 1mm(0.039")	English letters 1mm(0.039")
Gradient Carving	Yes	Yes	Yes
Lift Worktable	Electric adjust	Electric adjust	Electric adjust
Power Support	AC 110V-220V, 50/60Hz	AC 110V-220V, 50/60Hz	AC 110V-220V, 50/60Hz
Machine Dimension	1000*920*1040mm(39**36**41")	1250*1120*1060mm(49**44**42")	1400*920*1040mm(55**36**41")
Machine Weight	120kg	150kg	170kg
Software	CSACE engraving software and Printing Driver software		
Optional Device	Rotary fixture, water chiller, RF Laser tube imported from US		
Spare Parts	Reflective mirror, lens, and laser tube		
Price	\$5,231	\$6,154	\$6,015



## Laser engraver

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## LEM-LD Series Laser Engraving&amp;Cutting Machine

High speed and fine engraving effect+Manual lift worktable+suport CorelDraw output directly

Multi-function, equipped with two sets of worktable(Knife shape aluminum rib worktable and a standby honeycomb warktable)

- ◆ They can engrave on many kinds of nonmetal materials and parts of coated metals, it also features a cutting function.
- ◆ Luxurious outlook design, unique door for the limitless engraved materials through.
- ◆ Professional DSP controlling system, compatible with AutoCAD, CorelDraw, Photoshop and other kinds of graph disposal software.
- ◆ Equipped with manual up-down lift working platform, its max. Lifting height can reach 300mm(11.8"), which greatly broaden the scope of processing objects.
- ◆ LED control panel makes the laser engraving and cutting machine easy to operate.
- ◆ Importing high precision beeline slide-ways, importing professional optical system, improve the engraving quality.



Rotary fixture

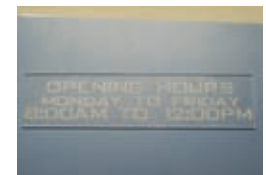


LEM-LD-600H

LEM-LD-900H

Economical

## ◆ Sample



## Specifications



Model	LEM-LD-600H	LEM-LD-900H	LEM-LD-1200H	LEM-LD-1600H
Max. Engraving Area	600*400mm(24**16")	900*600mm(35**24")	1200*900mm(47**35")	1600*1150mm(63**45")
Laser Power	CO2 glass tube 40W	CO2 glass tube 60W	CO2 glass tube 80W	CO2 glass tube 80W
Max. Engraving Speed	1300mm/s(51")	1300mm/s(51")	1300mm/s(51")	1300mm/s(51")
Max. Cutting Speed	160mm(6")/s	160mm(6")/s	160mm(6")/s	160mm(6")/s
Resolution	<=1000dpi	<=1000dpi	<=1000dpi	<=1000dpi
Min. Engraving Letters Size	English letters: 1mm	English letters: 1mm	English letters: 1.5mm	English letters: 1.5mm
Gradient Carving	Yes	Yes	Yes	Yes
Lift Worktable	Manual adjust	Manual adjust	Manual adjust	Manual adjust
Power Support	AC 110V-220V, 50/60Hz			
Machine Dimension	1006*915*734mm(40**36**29")	1340*885*960mm(53**35**38")	1650*1180*960mm(65**47**38")	2053*1240*900mm(81**49**36")
Machine Weight	90kg	160kg	200kg	230kg
Software	Lasercut 5.3 engraving software			
Optional Device	Rotary fixture, water chiller, laser tube 100W, 130W			
Spare Parts	Reflective mirror, lens, laser tube			
Price	\$4,092	\$4,738	\$5,218	\$7,788

## Laser engraver

B

**LEM-CM120: Laser Cutting&Engraving Machine**

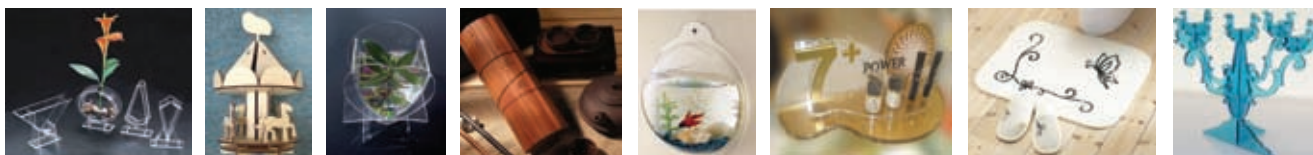
**Electric lift worktable+suport CorelDraw output directly.** Has engraving and cutting function.

**Typical application:** Acrylic decoration cutting, thick acrylic cutting, wood board cutting, model cutting and column engraving.

Be suitable for advertisement decoration, art gift, cutting of model, toy, paper products and other industries.

- ◆ Be updated from LCM-B series, it includes all functions of LCM-B series, but adds a large-scale of automatic up-down lifting worktable, so its max. height of processing can reach 210mm(8.27").
- ◆ More beautiful appearance, higher quality than LCM-B series laser cutting machine.
- ◆ Adopts the super fine cutting technology. The accuracy is greater, the tremble is slighter, cutting carve is more smooth.
- ◆ USB data interface, you can use MSF to save multiple files at the same time.
- ◆ **Two sets of software with the machine: CSACE and Print Driver.** CSACE can input BMP, PLT file format design, then edit and output them, Print Driver can directly output many file formats in Windows system, like Photoshop, CorelDraw, AutoCAD, etc.
- ◆ It adopts high quality CO2 80W glass laser tube made in China with fine cutting effect.
- ◆ Equipped with high quality water chiller, it can extend the using life of laser tube and ensure the engraving effect better.

## ◆ Sample

**Specifications**

Model	LEM-CM120
Max. Cutting Area	1300*620mm(51**24")
Laser Power	CO2 glass tube 80W
Max. Engraving Speed	800mm(31.5")/s
Max. Cutting Speed	640mm(25")/s
Resolution	<=8000dpi
Max. Cutting Thickness	20mm(0.8" acrylic), 10mm(0.4" wood)
Motor	Step motor
Lift Worktable	Electric adjust
Power Support	AC 110V-220V, 50/60Hz
Machine Dimension	1900*1200*1030mm(75**47**41")
Machine Weight	170kg
Software	CSACE engraving software and Printing Driver software
Optional Device	Rotary fixture, laser tube
Spare Parts	Reflective mirror, lens, and laser tube
Price	\$6,646



With rotary fixture, it can engrave on a cylinder object, such as cup, pencil vase and so on. It breaks through the limitation of the planar engraving and augments the range of the working.



- |                           |  |
|---------------------------|--|
| Bigger rotary fixture     | Used for $\Phi$ 8-100mm column                               |
| Smaller rotary fixture    | Used for $\Phi$ 5-20mm column                                |
| Three claw rotary fixture | Used for $\Phi$ 160-260mm column, automatic alignment center |

## Laser engraver

B

**LEM-Z-DQ Series Handicraft Laser Engraving&Cutting Machine****Electric up-down lift worktable+suport CorelDraw output directly.**

They can engrave on most nonmetal materials, such as wood block, bamboo block, cardboard, marble, rubber, organic glass, glass and crystal, leather clothing etc.

- ◆ Integrates optics, machinery and electricity, it adopts special laser software, can design images freely by computer.
- ◆ Electric up-down lift working platform, max. Lifting height can reach 350mm(14"), which greatly broaden the scope of processing objects.
- ◆ USB data interface, you can save multiple files at the same time.
- ◆ Standard machine is equipped with CO2 glass laser tube made in China with fine engraving and cutting effect and advantage of price.

**LEM-Z-DQ-9060E****Specifications**

Model	LEM-Z-DQ-6040E	LEM-Z-DQ-9060E	LEM-Z-DQ-12590E
Max. Engraving Area	600*400mm(24**16")	900*600mm(35**23")	1250*900mm(49**35")
Laser Power	CO2 glass tube 50W	CO2 glass tube 60W	CO2 glass tube 80W
Max. Engraving Speed	1000mm(39")/s	1000mm(39")/s	1000mm(39")/s
Max. Cutting Speed	120mm(4.7")/s	120mm(4.7")/s	300mm(12")/s
Resolution	<=1000dpi	<=1000dpi	<=1000dpi
Min. Engraving Letters Size	English letters 0.5mm(0.02")	English letters 0.5mm(0.02")	English letters 1mm(0.04")
Gradient Carving	Yes	Yes	Yes
Lift Worktable	Electric adjust	Electric adjust	Electric adjust
Power Support	AC 110V-220V, 50/60Hz	AC 110V-220V, 50/60Hz	AC 110V-220V, 50/60Hz
Machine Dimension	1200*750*1100mm (47**30**43")	1500*950*1100mm (59**37**43")	1900*1440*1160mm (75**57**46")
Machine Weight	100kg	160kg	300kg
Software	Lasercut 5.3 engraving software		
Optional Device	Rotary fixture, water chiller, red laser pointer		
Spare Parts	Reflective mirror, lens, and laser tube		
Price	\$4,368	\$4,718	\$5,853

**LEM-GL-JG10060: Movable Stone/Glass Laser Engraver**

It is mainly suitable for marble, granite, tile engraving. It is also used to engrave other nonmetal materies, such as cloth, leather, wood and so on.

- ◆ Opening and movable working table design, convenient to process.
- ◆ Engraving area is unlimited, it can slice engraving shapes precisely and make large area shapes, no need to consider the weight of workpiece as processing large scale image.
- ◆ Up-down working tables, suitable for engraving items with different thickness.
- ◆ The laser engraving machine can engrave most kinds of nonmetal materials, such as glass, marble, tomb stone, ornaments and decoration, furniture, timber process, door manufacturing, etc.

It also can cut part of nonmetal materials.

- ◆ Rotary fixture can be equipped to engrave cylinder vase, pencil vase, pencil and bamboo craftwork.
- ◆ Working size and laser power can be customized as your requirement.

**Specifications**

Model	LEM-GL-JG10060
Max. Cutting Area	1000*600mm(39**24")
Laser Power	CO2 glass tube 60W
Max. Engraving Speed	600mm(24")/s
Max. Cutting Speed	600mm(24")/s
Resolution	<=1000dpi
Max. Cutting Thickness	10mm(0.39" acrylic)
Motor	Step motor
Lift Worktable	Electric adjust
Power Support	AC 110V-220V, 50/60Hz
Machine Dimension	1620*1250*1270mm(64**49**50")
Machine Weight	245kg
Software	Lasercut 5.3 engraving software
Optional Device	Rotary fixture, laser tube 80W
Spare Parts	Reflective mirror, lens, and laser tube
Price	\$7,754



## Laser engraver

B

**LEM-FB-1813A: Flatbed Laser Cutting&Engraving Machine****Shoe leather and cloth mass manufacturing solution**

This laser engraving and cutting machine is suitable for advertisement decoration, art gift, cutting of template, plush toy, textile hollow and other industries.

- ◆ The laser engraving and cutting machine is equipped with automatically feeding material device, convenient for moving materials.
- ◆ It adopts fly light path, with high speed and high precision. Flexible, competent for cutting complicated picture.
- ◆ On every processing spot of the worktable, fixed laser outputs ensure stable quality and uniform cutting on large format.
- ◆ Adopting the super fine cutting technology. The accuracy is greater, the tremble is slighter, cutting carve is more smooth.
- ◆ It adopts high quality CO2 80W glass laser tube made in China with fine cutting effect.
- ◆ Equipped with high quality CW-5000 water chiller, it can extend the working life of laser tube and ensure the engraving effect better.
- ◆ **Two sets of software** with the machine, CSACE and Print Driver. CSACE can input BMP, PLT file format design, then edit and output them, Print Driver can directly output many file format in Windows system, like Photoshop, CorelDraw, AutoCAD, etc.
- ◆ **Power Source** is the core technology, this laser engraver adopts original alterable internal resistance mode instead of traditional PWM pulse width modulation mode. New power source mode has more powerful internal resistance, higher stability and higher reliability, which can raise good ballast effect.
- ◆ Pen type laser head, it is easy to adjust the focus, cooling effect by blowing is good.
- ◆ LCD display control panel, easy and safe operation.



LEM-FB-1813A



Conveyer belt



Automatically roller

**Specifications**

Model	LEM-FB-1813A/LEM-FB-1813S
Max. Cutting Area	1800*1300mm(71**51")
Laser Power	CO2 glass tube 80W(Nomal using life: about 1000-2000 hours)
Max. Engraving Speed	1000cm(39")/min(Adjustable)
Max. Cutting Speed	600mm(24")/s
Resolution	<=1000dpi
Max. Cutting Thickness	20mm(acrylic)
Motor	Step motor/Servo motor
Lift Worktable	No
Power Support	AC 110V-220V, 50/60Hz
Machine Dimension	2350*1950*1100mm(92**77**43")
Machine Weight	350kg
Software	CSACE engraving software and Printing Driver software
Optional Device	R.F. tube 50/100W(Recyclable), CO2 glass tube 100W
Spare Parts	Reflective mirror, lens, and laser tube
Price	\$10,000/\$13,280





## Laser engraver

B

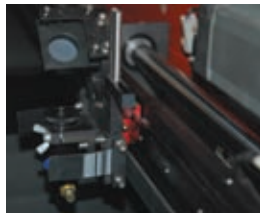
**LCM-GFB-1830: Large Format Glass Laser Engraving Machine**

This series of laser cutter is used in architecture decoration, art gift, furniture and other industries. It is suitable for cutting sandblast covering materials for glass surface with large-area.

- ◆ Large working area, high load bearing of working table.
- ◆ Equipped with roller working platform makes the workpiece move freely on the cutting table, labor and energy saving.
- ◆ The large format flatbed laser cutter is suitable for cutting sandblast covering materials for glass surface with large-area.
- ◆ Steady process and high efficiency.
- ◆ Equipped with high quality CW-5000 water chiller, it can extend the working life of laser tube and ensure the engraving effect better.
- ◆ **Two sets of software** with the machine, CSACE and Print Driver. CSACE can input BMP, PLT file format design, then edit and output them; Print Driver can directly output many file format in Windows system, like Photoshop, CorelDraw, AutoCAD, etc.
- ◆ **Power Source** is the core technology, this laser engraver adopts original alterable internal resistance mode instead of traditional PWM pulse width modulation mode. New power source mode has more powerful internal resistance, higher stability and higher reliability, which can raise good ballast effect.
- ◆ **Pen type laser head**, it is easy to adjust the focus, cooling effect by blowing is good.
- ◆ **LCD display control panel**, easy and safe operation.



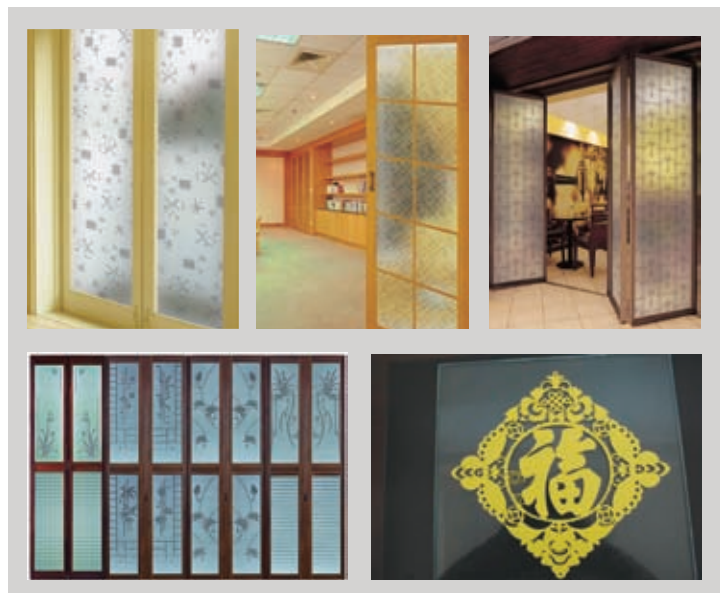
Controller



Laser head

**Specifications**

Model	LCM-GFB-1830
Max. Cutting Area	1800*3000mm(71**118")
Laser Power	CO2 glass tube 80W(Nomal using life: about 1000-2000 hours)
Max. Engraving Speed	10000mm(39")/min(Adjustable)
Max. Cutting Speed	600mm(24")/s
Resolution	≤4000dpi(4000dpi is the best)
Max. Cutting Thickness	20mm(Acrylic)
Motor	Step motor
Lift Worktable	No
Power Support	AC 110V-220V, 50/60Hz
Machine Dimension	2050*3700*1350mm(81**146**53")
Machine Weight	680kg
Software	CSACE engraving software and Printing Driver software
Optional Device	R.F. tube 50/100W(Recyclable), CO2 glass tube 100W
Spare Parts	Reflective mirror, lens, and laser tube
Price	\$20,300



## Laser engraver

**LSEM-LD-EG-502-16: YAG 16 heads Laser Sub-surface Engraving Machine**

It is mainly suitable for personalized photo crystal craft and crystal souvenirs mass production.

You can use our laser subsurface engraving machine to engrave 3D images in crystal and glass products, etc., at the same time, it can produce the individual crystal gifts and souvenirs, such as 3D images, personal name, handprint, footprint and trophy.

It also can work for a large scale production of 2D, 3D animals&plants, architectures, models such as car, boat, airplane etc, and 3D scene show.



Economical

**Main Configuration Information**

**Max. Engraving Range:** 300mm\*300mm\*85mm

DSP, YAG(Xe-lamp), 16 laser heads

	Main machine
	PC(Including dot cloud conversion software and engraving controlling software)
<b>Standard</b>	User manual
<b>Equipment</b>	Protect glass
	Other accessories
	Graphic disc(1000 3d pictures)
	3D camera(Optional)



- ◆ Laser subsurface engraving machine is laser processing equipment integrating optics, machinery, and electron. It adopts the laser technology, computer control technology, and high precision, high efficient servo control system.
- ◆ The machine can engrave all kinds of exquisite perfect three-dimensional pattern inside the transparent crystal glass in different specs and shapes.
- ◆ LSEM-LD-EG-502-16 laser sub-surface engraving machine is a laser machine with 16 heads, it could engrave the images in blank crystal. The products will give person pure-clear crystal and fine noble visual image impression, which is ingenious for your home decoration.

**Specifications**

Model	LSEM-LD-EG-502-16	
Laser Medium	Nd: YAG lamp	
Laser Wavelength	532nm	
Laser Frequency	100Hz	
Max. Engraving Range	300mm*300mm*85mm	
Max. Engraving Speed	4000-6000dots/min	
Number of Laser Heads	16	
Max Power of the Whole Machine	2*3KW	
Control System	Servo control system	
Spare Parts	Xe-lamp(400hours continuous working)	
Continuous Working Time	12hrs	
Electrical Connection	AC220v±10%, 50-60hz	
Dimension of the Whole Machine	700mm*760mm*1530mm	
Weight of the Whole Machine	303kg	
Room temperature	15-35℃	
Engraving time	50*50*80mm	6-8mins
	30*20*20mm	1.5mins
Price	\$29,231	



## Laser engraver

B

**LSEM-WLD-photo3D-602A: Rapid Scanner Laser Subsurface Engraving Machine****It is mainly suitable for personalized photo crystal craft.**

You can select the advanced conversion softer, which can transfer 2D normal photos to 3D images, and then used our laser subsurface engraving machine to engrave 3D images in crystal and glass products, etc. At the same time, it can produce the individual crystal gifts and souvenirs, such as 3D images, personal name, handprint, footprint and trophy, etc., it can also work for a large scale production of 2D, 3D animals&plants, architectures, models such as car, boat, airplane etc, and 3D scene show.

- ◆ This laser subsurface engraving machine adopts the advanced galvanometer scanner technology together with 2KHz diode-pumped YAG frequency doubling laser which is faster, the laser point is thinner and brighter, the image also will be more elaborate and lively.
- ◆ The key parts of the apparatus mainly come from Germany and the USA. It is more reasonable and steady for long-term production.
- ◆ Suitable for individual production and batch fast process. Just one machine could be satisfied with capacity for both storefronts network distribution and electric-business distribution.
- ◆ With smaller size and lighter weight, it can be carried and fixed easily, and the protective package can keep the machine well.



Engraving Products

**Main Configuration Information****Max. Engraving Range:** 100\*100\*80mm

Galvanometer Scanner, Technology, DSP, 3 Dimension, 2000Hz diode-pumped YAG.

<b>Standard Equipment</b>	Main machine
	PC(Including dot cloud conversion software and engraving controlling software)
	User manual
	Protect glass
	Other accessories
	Graphic disc(1000 3d pictures)
	Advanced conversion system(Optional)

**Remark:**

If the 3D Portrait Laser Subsurface Engraving machine be equipped with **conversion software** developed with our own technology, it can transfer the 2D normal photo into 3D images. You would not buy the 3D camera, it will reduce your total input cost.

**Optional Device****Advanced conversion software system:** +\$3,000**3D Camera:** +\$14,000(Made in China), +\$18,000(Import from Italy)**Specifications**

Model	LSEM-WLD-photo3D-602A
Laser Medium	Nd: diode-pumped(Can work more than 10000 hours)
Laser Wavelength	532nm
Laser Frequency	2000Hz
Max. Engraving Range	100mm*100mm*80mm
Max. Engraving Speed	8000-10000dots/min
Number of Laser Heads	1
Max. Power of the whole machine	1 KW
Control System	Servo control system, Galvanometer Scanner, Technology, DSP, 3D
Cooling System	Semiconductor cooling
Spare Parts	No
Continuous Working Time	12hrs
Electrical Connection	AC220v±10%, 50-60hz
Dimension of the Whole Machine	580mm*550mm*700mm
Weight of the Whole Machine	65kg
Engraving Time	50*50*80mm crystall, about 2 mins
	30*20*20mm crystall about 0.7 mins
Price	\$35,369



Laser engraver



**LMM-LD-FEM-G3005: Flying Green Laser Subsurface Engraving&Surface Marker**

It is mainly suitable for personalized photo crystal craft.

No need to change the semiconductor module during 3-5 years, 2000-4000 bottles per hour processing capacity.

Mainly used for glass packaging products, such as wines, food, drinks, medicine etc.. Anti-counterfeiting code, Anti-Channel Conflict code, region code and winning number inner engraving.

It is more suitable for the subsurface or surface of glass engraving(Such as hard drink glass bottle, mobile key press, cell phone screen, LCD screen, optical components, optical lenses, car glass, etc). At the same time, it is applied to most metal and nonmetal materials, processing surface lining or engraving on glass, crystal, and coating film marking process, such as deep processing of Solar photovoltaic cells glass, etc.

**Main Configuration Information**

Combined with our product information track management software, it is the best weapon against counterfeits and cross region sale!

Adopt imported components of Euro&USA

**Max. Marking Range:** 100\*100mm(Static state)

**Min. Marking Letters:** 2mm

**Repeat Accuracy:** ±0.001mm

50kHz repeat frequency

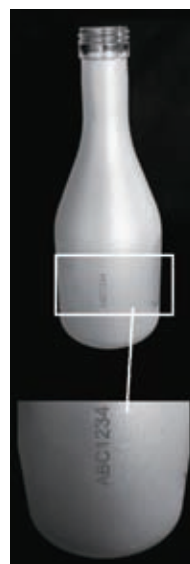
<b>Standard Equipment</b>	Main machine
	PC(Including dot cloud conversion software and engraving controlling software)
	User manual
	Protect glass
	Other accessories
	Graphic disc(1000 3d pictures)
	3D camera(Optional)



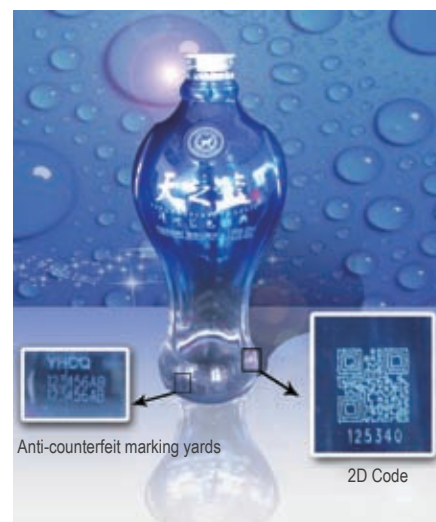
- ◆ Subsurface Engraving the security code or regional code in the body or bottom side of the bottle. Can not be removed by medicinal liquid or grinding wheel, only damaged glass bottle you can get rid of the mark! Truly deep permanent security!
- ◆ On-line full-auto laser marking, it only requires one time investment with low maintenance cost and long-term benefit, no need to change the semiconductor module during 3-5 years, 2000-4000 bottles per hour processing capacity.
- ◆ Letters, numbers, drawings such as anti-counterfeiting code, Anti-Channel Conflict code, logistics information code, production date could be laser subsurface engraved into transparent bottle wall in the automatic packaging line through opto-mechatronics laser controlling technology to obtain smooth wine surface without damage. Combined with our product information track management software, it is the best weapon against counterfeits and cross region sale!
- ◆ The wavelength of LMM-LD-MK-G3005 Green Laser Subsurface Engraving&Flying Surface Marking Machine is 532nm green laser. After focus, it has the smaller focus, which is more powerful, higher conversion of the electron&laser.

**Specifications**

Model	LMM-LD-FEM-G3005
Laser Medium	Semiconductor module(Can work more than 20000 hours)
Max. Laser Average Power	5W
Laser Wavelength	532nm
Quality of the Laser M2	< 1.5
Repeat Frequency	≤50kHz
Standard Engraving Scope	100mm*100mm(static state)
Marking Depth	≤0.1mm
Linear Speed	8 meters/min(Simplex, 3 characters 3mm high)
Minimum Character	2mm
Repeat Accuracy	±0.001mm
Input Power	1KW
Number of Laser Heads	1
Control System	Servo control system, Galvanometer Scanner, Technology, DSP, 3D
Cooling System	Semiconductor Cooling
Spare Parts	No
Continuous Working Time	12hrs
Electrical Source	220V, 50Hz, 10A
Dimension of Main Machine	1135*635*1310mm
Dimension of Cooling System	670*300*475mm
Price	\$41,385



Anti-counterfeit marking yards



Anti-counterfeit marking yards

2D Code

Laser engraver

B

**LSEM-WLD-602C: Large Format Sub-surface Laser Engraving Machine**

**It is mainly suitable for personalized photo crystal craft.**

Mainly used for glass packaging products, such as wines, food, drinks, medicine etc., Anti-counterfeiting code, Anti-Channel Conflict code, region code and winning number inner engraving.

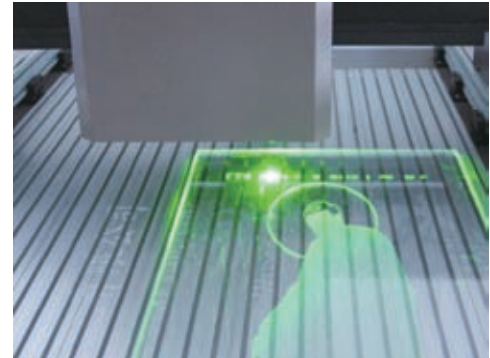
It is more suitable for the subsurface or surface of glass engraving(Such as hard drink glass bottle, mobile key press, cell phone screen, LCD screen, optical components, optical lenses, car glass). At the same time applied to the most of metal and nonmetal materials, processing surface lining or engraving on glass, crystal, and coating film marking process, such as deep processing of Solar photovoltaic cells glass, etc.

**Main Configuration Information**

**Max Engraving Range:** 1500\*1000\*80mm

Galvanometer Scanner, Technology, DSP, 3 Dimension, 2000Hz diode-pumped YAG.

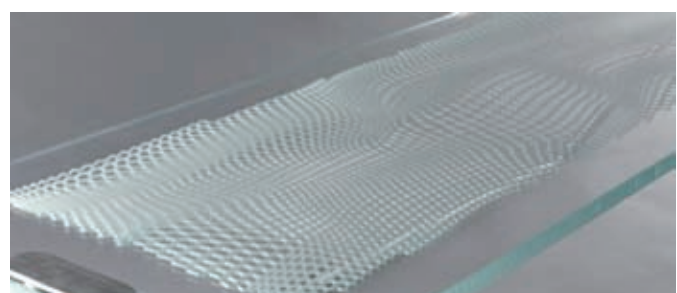
<b>Standard Equipment</b>	Main machine
	PC(Including dot cloud conversion software and engraving controlling software)
	User manual
	Protect glass
	Other accessories
	Graphic disc(1000 3d pictures)



- ◆ It adopts the advanced Galvano Technology together with 2KHz diode-pumped YAG frequency doubling laser which is faster, the laser point is thinner and brighter, the image also will be more elaborate and lively.
- ◆ The key parts of the apparatus mainly come from Germany and the USA. It is more reasonable and steady for long-term production.
- ◆ The laser sub-surface engraving machine has original technology, and the engraving range can be up to 1500\*1000\*80mm.
- ◆ The warranty is valid for 1 year from the goods' arrival at Destination Port.

**Specifications**

Model	LSEM-WLD-602C
Laser Medium	Nd: diode-pumped(Can work more than 10000 hours)
Laser Wavelength	532nm
Laser Frequency	2000Hz
Max. Engraving Range	1500*1000*1~80mm
Max. Engraving Speed	8000-10000dots/min
No. of Laser Heads	1
Max. Power of the Whole Machine	1.5 KW
Control System	Servo control system, Galvanometer Scanner, Technology, DSP, 3D
Cooling System	Semiconductor Cooling
Spare Parts	No
Continuous Working Time	12hrs
Electrical Connection	AC220v±10%,50-60hz
Dimension of the Whole Machine	1400*2100*1200mm
Weight of the Whole Machine	450kg
Room Temperature	15-35℃
Engraving Time	50*50*80mm crystall, about 2 mins
	30*20*20mmcrystall, about 0.7 mins
Price	\$78,462



Laser cutter



**LCM-C Series Economical Laser Cutter**

Especially for cutting cloth and leather products.

Be suitable for advertisement decoration, garment industry, leather industry, toy, electronic element, furniture industry, packing&printing, and mode field.

It can engrave small words on double color plate and cut large boards.

- ◆ High quality, the fast cutting speed can reach 640mm(25")/s.
- ◆ Open design, break through the limit of the workpiece length.
- ◆ Adopts the super fine cutting technology. The accuracy is higher and the tremble is slighter.
- ◆ USB data interface, you can save multiple files at the same time.
- ◆ Two sets of software with the machine, CSACE and Print Driver. CSACE can input BMP, PLT file format design, then edit and output them, Print Driver can directly output many file formats in Windows system, like Photoshop, CorelDraw, etc.
- ◆ LCD display makes the laser cutting machine easy operation and ensure your safety.
- ◆ Adopts CO2 glass laser tube made in China with fine cutting effect and advantage of price. You can also choose R. F. made in USA laser tube which can make the cutting effect better and the working life of laser engraver longer.



◆ Sample



**Specifications**



Model	LCM-C70	LCM-C90	LCM-C120
Max. Cutting Area	700*620mm(28**24")	1000*620mm(39**24")	1300*620mm(51**24")
Laser Power	CO2 glass tube 60W	CO2 glass tube 80W	CO2 glass tube 80W
Max. Cutting Speed	640mm(25")/s	640mm(25")/s	640mm(25")/s
Resolution	<=1000dpi	<=1000dpi	<=1000dpi
Max. Cutting Thickness	15mm(0.59" acrylic), 10mm(0.39" wood)	30mm(1.2" acrylic), 15mm(0.59" wood)	
Lift Worktable	No	No	No
Motor	Step motor	Step motor	Step motor
Power Support	AC 110V-220V, 50/60Hz	AC 110V-220V, 50/60Hz	AC 110V-220V, 50/60Hz
Machine Dimension	1300*1200*1030mm 51**47**41"	1600*1200*1030mm 63**47**41"	1900*1200*1030mm 75**47**41"
Machine Weight	130kg	150kg	200kg
Optional Device	Water chiller, R.F laser tube		
Spare Parts	Reflective mirror, lens, and laser tube		
Price	\$4,462	\$5,246	\$5,900

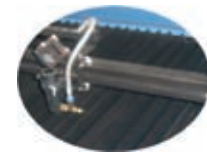
## Laser cutter

B

## LCM-B Series Board Laser Cutter

Be suitable for advertisement decoration, art gift, cutting of template, toy and other industries. Especially for board cutting.

- ◆ Adopts the super fine cutting technology. The accuracy is greater and the tremble is slighter.
- ◆ With special designed drawtube, it is convenient to interchange long and short focus lens.
- ◆ Adopts high quality CO2 glass laser tube made in China with fine cutting effect and advantage of price.
- ◆ With the drawer and the funnel design for remnant, it is convenient to operate.
- ◆ It is equipped with water chiller, which can assure the efficiency of cutting and convenient to maintain.
- ◆ USB data interface, you can save multiple files at the same time.
- ◆ Servo electromotor is optional for high-end model.
- ◆ **Two sets of software** with the machine, CSACE and Printing Driver. CSACE can input BMP, PLT file format design, then edit and output them; Print Driver can directly output many file format in Windows system, like Photoshop, CorelDraw, etc.



Knife shape aluminum rib worktable



Laser head



LCM-B1309

LCM-B1312

## ◆ Sample



## Specifications



Model	LCM-B1306	LCM-B1309	LCM-B1312	LCM-B1608
Max. Cutting Area	1300*620mm(51**24")	1300*900mm(51**35")	1300*1250mm(51**49")	1600*850mm(63**33")
Laser Power	CO2 glass tube 80W	CO2 glass tube 80W	CO2 glass tube 100W	CO2 glass tube 100W
Max. Cutting Speed	640mm(25")/s	640mm(25")/s	640mm(25")/s	640mm(25")/s
Resolution	<=8000dpi	<=8000dpi	<=8000dpi	<=8000dpi
Max. Cutting Thickness	30mm(1.2" acrylic), 15mm(0.59" wood)			
Motor	Step motor	Step motor	Step motor	Step motor
Lift Worktable	No	No	No	No
Power Support	AC 110V-220V, 50/60Hz			
Machine Dimension	1900*1170*1180mm 75**46**46"	1900*1470*1230mm 75**58**48"	1900*1650*1230mm 75**65**48"	2200*1300*1200mm 87**51**47"
Machine Weight	220kg	250kg	280kg	340kg
Optional Device	Water chiller, 100W/130W laser tube			
Spare Parts	Reflective mirror, lens, and laser tube			
Price	\$5,800	\$6,892	\$7,631	\$7,864

Laser cutter



**LCM-GL-ZDJG-9050: Auto Recognition Laser Cutter**

For Multi-Layer Label-Unique characteristic point locating, auto contour locating, mark point locating. Can cut the top layer without burning the down layer of multi-layer label, form the three dimensional label. Enhance the beauty and value-add of the label.

- ◆ Equipped with professional CCD camera, automatic searcher, ensure whole table label cutting accurately, without any labels left out.
- ◆ Automatic cutting with figure picking mode, it suits for clear figure of labels or small labels cutting. Cause it adopts figure picking mode, it can cut different distorted labels, avoid the errors when making templates, also it can zoom up or down according to picking figure, no need to establish the template, decrease the operation procedure, enhance the working efficiency.
- ◆ Mark point positioning mode, no matter the size and the shape of labels, no limitation of labels sequence, high speed cutting, after identification and position with Mark Point, it can cut whole pieces of design accurately.



**Specifications**

Model	LCM-GL-ZDJG-9050
Max. Cutting Area	900*500mm(35**20")
Laser Power	CO2 glass tube 60W
Max. Cutting Speed	500mm(20")/s
Repeat Precision	0.1mm(0.0039")
CCD Camera Vision Area	150*120mm(6**5")
Motor	Step motor
Power Support	AC 110V-220V, 50/60Hz
Machine Dimension	1300*900*1200mm(63**47**41")
Machine Weight	200kg
Optional Device	Water chiller
Spare Parts	Reflective mirror, lens, and laser tube
Price	\$8,077



Working size, laser power can be selected according to your requirements.

**LCM-GL-ZDJG15090: Double Head Auto Recognition Laser Cutter**

For Trademark and Embroidery Label-Unique characteristic point locating, auto contour locating, mark point locating. This model can not only cut label, but also can make batch quantity of embroidery cutting and board cutting.

- ◆ Multi-functions, you can choose single head or double heads according to your requirement.
- ◆ Double heads cutting can increase efficiency of production. Realize large area cutting if only use one head(Max. 1500\*880mm). If use one head with camera system can realize label cutting.
- ◆ Equipped with professional CCD camera, automatic searcher, ensure whole table label cutting accurately without any labels left out.
- ◆ Equipped with high quality water chiller, which can cool the laser tube, assure the efficiency of cutting and be convenient to maintain.



**Specifications**

Model	LCM-GL-ZDJG15090
Max. Cutting Area	1500*900mm(59**35")
Laser Power	Glass tube 100W(If only cut top layer of multi layer material need 60W)
Max. Cutting Speed	500mm(20")/s
Repeat Precision	0.1mm(0.0039")
CCD Camera Vision Area	150*120mm(6**5")
Motor	Step motor
Power Support	AC 110V-220V, 50/60Hz
Machine Dimension	2400*1830*1300mm(94**72**51")
Machine Weight	400kg
Optional Device	No
Spare Parts	Reflective mirror, lens, and laser tube
Price	\$12,500





## Laser cutter

B

**LEM-Z-GQ-12590 Laser Engraving&Cutting Machine****Support CorelDraw software output directly.**

Widely used in wide format cutting on acrylic, wood board, model board and other nonmetal materials of advertising and decoration, aeromodelling, lamp fittings, craftwork industry, etc.

- ◆ Adopts special structure and controlling system. Small kerf, smooth cutting edge, which effectively meet high precision cutting requirement.
- ◆ Supports CorelDraw and others graphics manipulation programs. The original photos can be output directly, which avoids the photos being out of shape and the data being incorrect.
- ◆ Optical path design simply without depletion, ensure unanimous power output anywhere on the working table, which ensures every product fine.
- ◆ Import optical mirrors, high-temperature durable, anti-abrasive, small diameter of focalize facula; ensure higher cutting ability compared with the machine of the same laser power.
- ◆ Touching LED control panel, LCD display, completely off-line work, effectively save computer source.
- ◆ Equipped with high quality water chiller, it can assure the efficiency of processing and convenient to maintain.

**Specifications**

Model	LEM-Z-GQ-12060	LEM-Z-GQ-12590
Max. Engraving Area	1250*600mm(49**24")	1250*900mm(49**35")
Laser Power	CO2 glass tube 80W	CO2 glass tube 80W
Max. Engraving Speed	1000mm(39")/s	1000mm(39")/s
Max. Cutting Speed	300mm(12")/s	300mm(12")/s
Resolution	<=1000dpi	<=1000dpi
Min. Engraving Letters Size	English letters 1mm(0.04")	English letters 1mm(0.04")
Gradient Carving	Yes	Yes
Lift Worktable	No	No
Power Support	AC 110V-220V, 50/60Hz	AC 110V-220V, 50/60Hz
Machine Dimension	1900*1200*1160mm(75**47**46")	1900*1440*1160mm(75**57**46")
Machine Weight	350kg	400kg
Spare Parts	Reflective mirror, lens, and laser tube	Reflective mirror, lens, and laser tube
Price	\$5,178	\$5,440

**LEM-Z-GQ-12590****LCM-BY-Z1390: Laser Engraving&Cutting Machine**

The imported linear guide makes this machine perfectly precise for cutting or engraving organic glass, wood panels, PVC panels.

- ◆ The linear guide ensures the precise processing effect, which can make delicate and complicated designs on acrylic, wood and PVC and so on for the advertisement, handicraft industries, etc.
- ◆ Three unique protection functions, anti-interference function, water-protective function and power cut-off function ensure longer working life, safety and effectiveness.
- ◆ Adopting the strip shape platform, which can bear heavier materials such as organic glass, wood and so on.
- ◆ Imported Singapore lens with molybdenum base, making the equipment produce smaller facula and have stronger cutting force, greatly improving working efficiency and reducing cost.
- ◆ Exhausting, absorbing and assistant blowing systems solve the problem that troubles the laser equipments manufacturing industry for years, extending the service life of the laser tube.
- ◆ This machine uses USB port to transmit data, equipped with large-capacity internal memory, improving working speed and efficiency greatly.

**Specifications**

Model	LCM-BY-Z1390
Max. Cutting Area	1300*900mm (51**35")
Laser Power	Glass tube 100W
Max. Engraving Speed	660mm(26")/s
Max. Cutting Speed	400mm(16")/s
Repeat Precision	0.0064mm
Motor	Step motor
Power Support	AC 110V-220V, 50/60Hz
Machine Dimension	1765*1610*1100mm(69**63**43")
Machine Weight	340kg
Optional Device	Water chiller, 80W/130W laser tube, rotary fixture, electric lifting working table
Spare Parts	Reflective mirror, lens, and laser tube
Price	\$6,200



NEW



## Laser cutter

B

**LCM-GL-JG160100A: Automobile Interior Decoration Laser Cutter**

Especially suitable for processing automobile seating and interior decoration company.

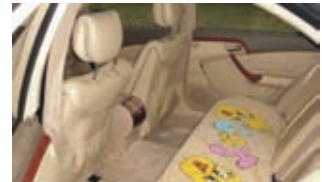
- ◆ Select pedrail working table, equipped with feeding system, ensure autoimmunization and continuous working.
- ◆ It is assembled with intelligent layout software, process fast, save materials, easy typeset, and modify design.
- ◆ High cutting efficiency and quality.
- ◆ Equipped with high quality water chiller, which can cool the laser tube, assure the efficiency of cutting and is convenient to maintain.

**Specifications**

Model	LCM-GL-JG160100A
Max. Cutting Area	1600*1000mm(63**39")
Laser Power	Glass tube 100W
Max. Cutting Speed	600mm(24")/s
Repeat Precision	0.1mm(0.0039")
Motor	Step motor
Power Support	AC 110V-220V, 50/60Hz
Machine Dimension	2400*1830*1300mm(94**72**51")
Machine Weight	430kg
Optional Device	Assistant laser cutting head, auto feeding system
Spare Parts	Reflective mirror, lens, and laser tube
Price	Single head machine: \$8,600 Double heads machine: \$8,890



## ◆ Sample

**LCM-GL-ZJJG18080: Laser Engraving&Cutting Machine****For Automobile Interior Decoration Material(3D)**

With the vigorous development of the automobile manufacturing industry, the demand of personalized automobile interior decoration market becomes strong; homogenization production was out of time. This special machine comes into market, just under the background.

- ◆ It can not only engrave and punch on all kind of fabric, leather, synthetic material, automobile seating and pillowcases, but it also can cut according to different type and size of automobiles. Realize cutting and engraving in one machine, germination increase the production efficiency.
- ◆ Equipped with RF laser tube imported from USA which can be recycled.

**Specifications**

Model	LCM-GL-ZJJG18080
Max. Cutting Area	1800*800mm(71**31")
Laser Power	CO2 RF metal laser tube 100W(70, 150W for your option)
Max. Engraving Speed	5000mm(197")/s
Max. Cutting Speed	500mm(20")/s
One Time Engrave Area	250*250mm(10**10")-800*800mm(31**31")
Repeat Precision	0.1mm(0.0039")
Motor	Step motor
Power Support	AC 110V-220V, 50/60Hz
Machine Dimension	2500*1450*1580mm(98**57**62")
Machine Weight	420kg
Optional Device	Feeding equipment
Spare Parts	Reflective mirror, lens, and laser tube
Price	\$55,600



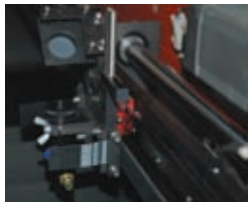
Laser cutter

B

**LCM-FB-1325: Flatbed Laser Cutter**

This flatbed laser cutting machine is suitable for advertisement decoration, garment industry, leather industry, toy, electronic element, furniture industry, packing&printing, and mode field, especially for cutting cloth and leather products. It can cut large boards if equipped with knife shape aluminum rib worktable.

- ◆ Large format processing, high volume production.
- ◆ It has unique advantages for special materials processing, such as seamless bonding, sponges, cutting of automobile air bags, inflatable play equipment, filter cloth, parachute, ski clothes, wedding dresses, protect supplies, etc.
- ◆ The machine's bed is very firm, solid. Strong loading capacity.
- ◆ With special high-performance, constant temperature water chiller, it can auto adjust according to ambient temperature and keep the machine continuously working, assure the efficiency of cutting and lower your cost.
- ◆ The feature of cutting is smooth, fine. With tighten working range, without much material waste, and save cost.
- ◆ The laser transmitting on large scale with the feature of simple and no waste, keeping the same power-force on each working spot, ensure the quality of cutting, and can do engraving simple process.
- ◆ The exhaust system can satisfy multi-request for cutting.
- ◆ LCM-FB large format laser cutting machine adopts high quality CO2 80W glass laser tube made with fine cutting effect and advantage of price.
- ◆ **Two sets of software** with the machine, engraving software and Print Driver. Engraving software can input BMP, PLT file format design, then edit and output them, Print Driver can directly output many file format in Windows system, like Photoshop, CorelDraw, AutoCAD, etc.
- ◆ Power Source is the core technology, this laser engraver adopts original alterable internal resistance mode instead of traditional PWM pulse width modulation mode. New power source mode has more powerful internal resistance, higher stability and higher reliability, which can raise good ballast effect.
- ◆ Pen type laser head, it is easy to adjust the focus, cooling effect by blowing is perfect.
- ◆ LCD display control panel, easy and safe operation.



Laser head



Controller



LCM-FB-1325A



Sample



Acrylic model cutting

Wooden model cutting

Wooden decoration cutting

Wooden veneer cutting

**Specifications**



Model	LCM-FB-1325A	LCM-FB-1325S
Max. Cutting Area	1300*2500mm(51**98")	1300*2500mm(51**98")
Laser Power	CO2 glass tube 80W	CO2 glass tube 80W
Max. Cutting Speed	350mm(13.8")/s	350mm(13.8")/s
Resolution	<=4000dpi	<=4000dpi
Max. Cutting Thickness	30mm(1.2" acrylic), 15mm(0.59" wood)	30mm(1.2" acrylic), 15mm(0.59" wood)
Motor	Step motor	Servo motor
Power Support	AC 110V-220V, 50/60Hz	
Machine Dimension	1800*2900*1080mm(71**114**42")	1800*2900*1080mm(71**114**42")
Machine Weight	700kg	700kg
Optional Device	RF laser tube, 100W laser tube, 130W laser tube	
Spare Parts	Reflective mirror, lens, and laser tube	
Price	\$16,000	\$17,300

## Laser cutter

B

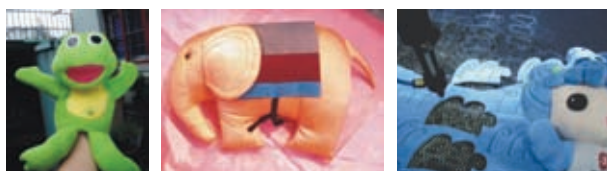
**LCM-GL-JG160100B: Special Laser Cutter For Toy Fabrics**

Especially suitable for plush toy cutting.

- ◆ Select thick ZINC honeycomb worktable, double reinforce central support table. Ensure large area cutting have the same high speed, stableness, cutting accuracy, smooth edge as the small area machine.
- ◆ Equipped with high quality water chiller, which can cool the laser tube, assure the efficiency of cutting and be convenient to maintain.

**Specifications**

Model	LCM-GL- JG160100B
Max. Cutting Area	1600*1000mm(63**39")
Laser Power	Glass CO2 laser tube 100W
Max. Cutting Speed	600mm(24")/s
Repeat Precision	0.1mm(0.0039")
Motor	Step motor
Power Support	AC 110V-220V, 50/60Hz
Machine Dimension	2400*1830*1300mm(94**72**51")
Machine Weight	430kg
Optional Device	Assistant laser cutting head, CCD camera auto-recognition equipment
Spare Parts	Reflective mirror, lens, and laser tube
Price	\$7,800

**LCM-GL-CJG160300: Large Format Fabric Flatbed Laser Cutter**

This machine's coming filled a state of emptiness of large format laser cutter, combines high volume production with personalization cutting, integrate laser mapping, adjusting, cutting, feeding and discharging materials functions. Save cumbersome processes, double the productivity.

**Specifications**

Model	LCM-GL-CJG160300
Max. Cutting Area	1600*3000mm(63**118")
Laser Power	CO2 glass laser tube 100W
Max. Cutting Speed	600mm(24")/s
Repeat Precision	0.08mm(0.003")
Motor	Servo motor
Power Support	AC 110V-220V, 50/60Hz
Machine Dimension	4300*2200*1500mm(169**87**59")
Machine Weight	780kg
Optional Device	Auto feeding equipment, outside exhaust fans
Spare Parts	Reflective mirror, lens
Price	\$27,000



## ◆ Sample



- ◆ Large format processing, high volume production.
- ◆ It has unique advantages for special materials processing, such as seamless bonding, sponges, cutting of automobile air bags, inflatable play equipment, filter cloth, parachute, ski clothes, wedding dresses, protect supplies, etc.
- ◆ The machine's bed is very firm, solid. Strong loading capacity.
- ◆ Equipped with vacuum absorb convey worktable, Japan YASKAWA servo motor, high-strength silicon and non-spherical focus lens imported from the world-renowned lens maker-the company's 26 U.S.
- ◆ With special high-performance, constant temperature water chiller, it can auto adjust according to ambient temperature and keep the machine continuously working, assure the efficiency of cutting and lower your cost.
- ◆ It adopts specialized software that compatible with all kinds of file formats, such as AI, BMP, PLT, DXF, DST and so on. It can meet demands for most of garment CAD design output in time, after the layout, it can graded automatically continuous output graphics that beyond the cutting format, can realize automatic continuous production if you choose auto-feeding system.

## Laser cutter

B

## Metal Laser Cutter

It adopts ND: YAG medium, stable light route, high precision, quick process speed. The hot distortion is very little and the cutting slot of straight side is small, the cut edge is very smooth.

The metal laser cutter is mainly used for the thin stainless iron&steel cutting in the sheet metal industry and the letters'cutting(like stainless steel and titanium letters) in the sign industry.

This metal laser cutting machine has great advantages in metal-cutting. It will work immediately when switched on, which is energy-saving and quite convenient to operate. Applicable Metal: brass, carbon steel, stainless steel, copper, titanium and ceramics etc.

## 500W Metal Laser Cutter Max. Cutting Thickness and Speed

Material	Cutting Thickness	Punching Dia.	Max. Cutting Speed	Min. Line Width	Auxiliary Gas
Stainless Steel	1mm	0.2mm	30 mm/s	0.3mm	Air
	2mm	0.3mm	20 mm/s	0.4mm	Air
	3mm	0.4mm	10 mm/s	0.5mm	Air
	4mm	0.5mm	5 mm/s	0.5mm	Air
	5mm	0.6mm	4 mm/s	0.6mm	Air
	6mm	0.7mm	3 mm/s	0.8mm	Air
Steel	1mm	0.2mm	30 mm/s	0.3mm	Air
	2mm	0.3mm	22 mm/s	0.4mm	Air
	3mm	0.4mm	12 mm/s	0.5mm	Air
	4mm	0.5mm	6 mm/s	0.5mm	Air
	5mm	0.6mm	3 mm/s	0.5-0.8mm	Air
	6mm	0.7mm	2 mm/s	0.6-0.8mm	Air
	8mm	1mm	1-0.8 mm/s	1-0.8mm	Air
Aluminium	1mm		12 mm/s		Air
	2mm		8 mm/s		Air
	3mm		2 mm/s		Air
Brass	1mm		10 mm/s		Air
	2mm		6 mm/s		Air
	3mm		1 mm/s		Air

**Remark:** Use Oxygen, the cutting speed can be improved up to 20-30%.



## 650W Metal Laser Cutter Max. Cutting Thickness and Speed

Material	Cutting Thickness	Punching Dia.	Max. Cutting Speed	Min. Line Width	Auxiliary Gas
Stainless Steel	1mm	0.2mm	30mm/s	0.3mm	Air
	2mm	0.3mm	20mm/s	0.4mm	Air
	3mm	0.4mm	15mm/s	0.5mm	Air
	4mm	0.5mm	9mm/s	0.5mm	Air
	5mm	0.6mm	8mm/s	0.6mm	Air
	6mm	0.7mm	5mm/s	0.8mm	Air
Steel	1mm	0.2mm	30mm/s	0.3mm	Air
	2mm	0.3mm	22mm/s	0.4mm	Air
	3mm	0.4mm	17mm/s	0.5mm	Air
	4mm	0.5mm	15mm/s	0.5mm	Air
	5mm	0.6mm	10mm/s	0.5-0.8mm	Air
	6mm	0.7mm	7mm/s	0.6-0.8mm	Air
	8mm	1mm	3mm/s	1-0.8mm	Air
Aluminium	1mm		20mm/s		Air
	2mm		13mm/s		Air
	3mm		4mm/s		Air
Brass	1mm		15mm/s		Air
	2mm		10mm/s		Air
	3mm		3mm/s		Air

**Remark:** Use Oxygen, the cutting speed can be improved up to 20-30%.

Laser cutter



**LCM-JSQG-130250/150300 Metal Laser Cutter**

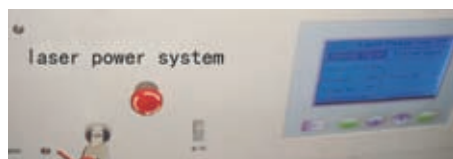


It adopts ND: YAG medium, special designed flying light route system, high precision ball screw gantry structure working table. Stable light route, high precision, quick process speed. The hot distortion is very little, and the cutting slot of straight side is small, the cut edge is very smooth.

It adopts CNC controlling technology with professional software, which supports AI, BMP, PLT, DXF file formats, and it is easy to operate.

**Max. cutting thickness** is 5mm stainless steel(500W YAG),  
**Max. cutting thickness** is 6mm stainless steel(650W YAG).  
**Max. cutting thickness** is 6mm steel(500W YAG).  
**Max. cutting thickness** is 8mm steel(650W YAG).  
**The cutting line width** can reach 0.1mm-0.8mm.  
**The laser wavelength** is 1064nm.  
**Laser pulse width** can be 0.02-0.15ms, continuous adjusting.  
**Laser pulse frequency** is 1-500Hz, continuous adjusting.

- ◆ Gantry style design. The laser optical distance is the shortest, there is no laser energy lose during laser transmission. Make sure the cutting result is the same in the whole cutting area.
- ◆ Laser cutting is no touch process. Laser spot size is as small as 0.1mm after focus. So there is no design limit with laser process.
- ◆ The cutting edge is smooth, no need post-process after laser cutting.
- ◆ Control system is LCD screen offline control, and just use USB cable connect machine USB port with computer USB port, then downloading images from computer to machine. Operate is easy.
- ◆ The laser lens choose USA high focus, high penetrability, high quality focus lens.



**Specifications**



Item	Model Name	LCM-JSQG-130250/150300
Travel Method	Travel Method	Stationary table, Gantry style
Control Method	Control Method	X, Y axis motorized controlled
Travel Amount	Travel Amount	1300mm/1500mm
		2500mm/3000mm
Feed Rate		18mm(It's standard) customized by requirements
	X-axis	2500mm/s <sup>2</sup>
Rapid Speed	Y-axis	2000mm/s <sup>2</sup>
	X-axis	800mm/s
	Y-axis	600mm/s
Max. Worksheet Loading Capacity		300kg
Repeatability Positioning Accuracy		0.01mm
Least Command Increment		0.002mm
Drive Feed Method		Position control/AC servo motor
Machine Table Height		600mm
Power Supply(Only for machine)		380V, 50Hz
<b>Laser Oscillator</b>		
Laser Oscillation Method		Lamp pump YAG
Laser Output	Output(Rated)	500W
	Stability	3%
	Frequency	1-300HZ
Output Beam	Wavelength	1064nm
	Mode	Multi mode
	Diameter	0.1mm after focus
<b>CNC Control Unit</b>		
CNC Unit		Yaskawa AC servo motor
CNC Control Method		Semi-close loop control
Control Functions		X, Y controlled(Simultaneously controlled)
Input Method		USB, Net port, memory stick
Least Input Increment		0.02mm
Minimum Position Detection Accuracy		0.02mm
Program Storage Capacity		128M flash memory in machine
Operating Modes		Windows xp support
Display Function		Cutting process, Position information, Parameters, Design monitor
I/O Interface		RS232C
Display		5 inch screen display
Price		\$50,760/\$52,300

## Laser cutter

B

## LCM-JSQG-13090/6080 Metal Laser Cutter

It adopts ND: YAG medium.

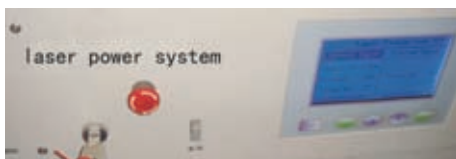
The fixed light route and the crossing slide movable working table are special used for cutting any corner of working table 600\*800mm/1300\*900mm, it can reduce the cutting slot by linearity polarize. Stable light route, high precision, quick process speed.

The hot distortion is very little, and the cutting slot of straight side is small, the cutted edge is very smooth.

It adopts CNC controlling technology with professional software, which supports AI, BMP, PLT, DXF file formats, and it is easy to operate.



- ◆ Laser cutting is no touch process. Laser spot size is as small as 0.1mm after focus. So there is no design limit with laser process.
- ◆ The cutting edge is smooth, no need post-process after laser cutting.
- ◆ We install the cross slide working table in the existing metal marking machine, so that cross table can be cross slide, the original of a work area through the table to 9 slide work area.
- ◆ Control system is LCD screen offline control, and just use USB cable connect machine USB port with computer USB port, then download images from computer to machine. Easy to operate.
- ◆ The laser lens choose USA high focus, high penetrability, high quality focus lens.
- ◆ The cutting line width can reach 0.1mm-0.8mm.
- ◆ And the laser wavelength is 1064nm.
- ◆ Laser pulse width can be 0.02-0.15ms, continuous adjusting.
- ◆ Laser pulse frequency is 1-500Hz, continuous adjusting.
- ◆ Max cutting thickness is 5mm stainless steel(500W YAG), max. cutting thickness is 6mm stainless steel(650W YAG).
- ◆ Max cutting thickness is 6mm steel(500W YAG), max cutting thickness is 8mm steel(650W YAG).



## Specifications



Item	LCM-JSQG-13090/LCM-JSQG-6080	
Travel Method	Fixed light, crossing slide movable working table	
Control Method	X, Y axis motorized controlled	
Travel Amount	X-axis	1300mm/600mm
	Y-axis	900mm/800mm
	Z-axis	18mm(it's standard) customized by requirements
Feed Rate	X-axis	2500mm/s <sup>2</sup>
	Y-axis	2000mm/s <sup>2</sup>
Rapid Speed	X-axis	800mm/s
	Y-axis	600mm/s
Max. Worksheet Loading Capacity	300kg	
Repeatability Positioning Accuracy	0.01mm	
Least Command Increment	0.002mm	
Drive Feed Method	Position control/AC servo motor	
Machine Table Height	600mm	
Power Supply(Only for machine)	380V, 50Hz	
<b>Laser Oscillator</b>		
Laser Oscillation Method	Lamp pump YAG	
Laser Output	Output(Rated)	500W
	Stability	3%
	Frequency	1-300HZ
	Wavelength	1064nm
Output Beam	Mode	Multi mode
	Diameter	0.1mm after focus
<b>CNC Control Unit</b>		
CNC Unit	Yaskawa AC servo motor	
CNC Control Method	Semi-close loop control	
Control Functions	X, Y controlled(Simultaneously controlled)	
Input Method	USB, Net port, memory stick	
Least Input Increment	0.02mm	
Minimum Position Detection Accuracy	0.02mm	
Program Storage Capacity	128M flash memory in machine	
Operating Modes	Windows xp support	
Display Function	Cutting process, Position information, Parameters, Design monitor	
I/O Interface	RS232C	
Display	5 inch screen display	
Price	\$36,800/\$33,230	

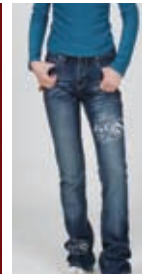
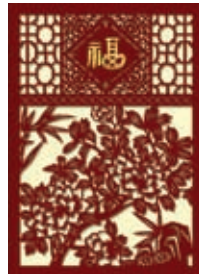
Laser marker



**We provide four kinds of laser markers for you, they are CO2, YAG pump, Diode pump and Fiber laser.**

**About CO2 Laser Marker**

The carbon dioxide laser(CO2 laser) is still one of the most useful lasers. A CO2 laser beam is not easily absorbed by metal, but can easily be absorbed by many organic materials such as wood, acrylic, rubber, etc,



**About YAG Laser Marker**

The lamp-pump laser marking machine adopts the galvanometer scanning system. To achieve the purpose of marking, it adopts the 1064 nm wavelength solid YAG laser and galvanometer to control the laser deflection. The wavelength of a YAG laser(1.064 microns) is exactly ten times smaller than the CO2 wavelength of 10.64 microns, which makes it ideally suited for absorption in most metals, but this small wavelength inhibits its ability to be absorbed by many other materials(Wood, acrylic, plastics, fabrics, etc.)

**About Diode Pump Laser Marker**

Diode Laser Marker rapid solid-scanner laser marking machine has rapid-scanner galvanometer, driver, scanner-focusing lenses, etc., which are provided by leading manufacturers from Europe and America. It has the high performance, quality and reliability, especially for mass and large-scale production. It has the advantages of high precision, fast marking speed, long life performance, compact construction, low maintenance and convenient operation, etc.



**About Fiber Laser Marker**

Fiber lasers are a great leap forward in laser technology. The fiber lasers are more easily integrated into industrial processes in comparison with conventional lasers. It is a equipment does not need constant temperature and humid. No consumables, easy maintained. You can use the machine for a long time.





## Laser marker

B

## LMM-MK-A Series CO2 Laser Marker

It is mainly used in advertising decoration, art gift, garment, leather, fabric, toy, computerized and clipping, electron element, cutting of template, packing and printing, paper product and other speediness processing industries.

## Specifications



Model	LMM-MK-A30/LMM-MK-A50/LMM-MK-A100
Laser Medium	R.F. CO2 laser made in U.S.A
Laser Wave Length	10.64μm
Pulse Frequency	<=20kHz
Laser Power	RF. Laser 30W/50W/100W
Marking Range	70*70mm(2.8**2.8"), 300*300mm(11.8**11.8")
Max. Scan Speed	7,000mm(275.6")/s
Software	Laser high speed controlling software
Support Image Format	BMP, JPG, GIF, TGA, PNG, TIF, AI, DXF, DST, PLT
Cooling Method	Water cooling and protection system
Working Voltage	AC 220V±10%, 50Hz
Main Composing	Worktable, optical system, cooling system, main control case, laser power control system
Price	\$20,192/\$29,808/\$45,192



- ◆ Especially good performance for non-metal.
- ◆ Maintenance is easy(Using R.F. CO2 laser made in USA, lifespan of laser is about 20000 hours).
- ◆ Easy operation(No Q-switch adjusting).
- ◆ With the superior galvo system, the scanning speed can reach 7000mm(275.6")/s, and the marking effect is better.
- ◆ With imported lens, the light spot is smaller, and the process effect is better.
- ◆ To improve efficiency, you can choose manual or automatic worktable, put materials on and off when the machine is working.
- ◆ You can choose update equipments and solutions such as ascent-air pump, descent-air pump, honeycomb table, aluminum bar table They promote the customers convenience and security.
- ◆ Supporting large composite picture, working area is free from restriction



## LMM-MK-B Series CO2 Laser Marking Machine

Widely applied in industries such as leather, jeans, weaving, plastic, escutcheon, package, arts and crafts, electronics, communication, timekeeper, glass, printing and decoration industries

It could be used on materials, like leather, jeans, organic-glass, acrylic, woodwork, epoxy colophony, non-saturation colophony, glass ceramic, PCB board etc. mass non-metal materials.

- ◆ Especially good performance for non-metal.
- ◆ Maintenance is easy(Using RF CO2 laser made in USA, whose lifespan is about 20000 hours).
- ◆ Laser power is bigger, and the speed of processing is faster.
- ◆ Operation is easy(No Q-switch adjusting).
- ◆ Adopting American imported encapsulation CO2 laser generator, with high speed scanner and extender focus system, high marking precision and fast speed.
- ◆ Laser generator's height can be adjusted, used conveniently, and it can be replaced by various lenses.
- ◆ Long continuous working time, excellent marking effect, with multifunctional software, can do all kinds of marking.
- ◆ Attractive accessories like up and down exhaust air system, honeycomb working table, knife shape working table and baffle plate is accepted in order to improve the operating more convenient and safer.

## Specifications



Model	LMM-MK-B70/LMM-MK-B100
Laser Medium	R.F. CO2 laser made in U.S.A
Pulse Frequency	<=20kHz
Laser Power	RF. Laser 70W/100W
Marking Range	260*260mm(10.24**10.24")(Optional Range: 100*100mm(3.94**3.94"), 175*175mm(6.89**6.89"), 210*210mm(8.27**8.27"))
Max. Scan Speed	7000mm(275.6")/s
Repeat Precision	0.001mm(0.00004")
Software	Laser marking software
Support Image Format	PLT, AI, DXF, BMP, and other universal format
Cooling Method	Air cooling and protection system
Working Voltage	AC 220V±10%, 50Hz
Main Composing	Worktable, optical system, cooling system, main control case, laser power control system
Price	\$32,000/\$46,000



## Laser marker

**LMM-GL-DBD50-S: YAG Metal Laser Marker-50W-Laser Gavlo Scanning**

It could mark number or graphic on metal(include rare metal), plating material, filming-plating material, spray dope material, part of plastic and rubber, colophony, pottery etc.

It could be widely applied to vehicle, motor spare parts, space&aviation instrument, integrate circuit, the packing of food, beverage, tobacco, mobile bottom, battery,

electro instrument, computer fitting&outside device, hardware tool, stainless steel instrument, horologe&jewelry, industrial axletree, electrical wire and cable, apparel garishly and same other fields about pattern and character's marking.

**Specifications**

Model	LMM-GL-DBD50-S
Laser Medium	YAG
Laser Output Power	50W
Laser Frequency	0-50KHz(Adjustable)
Q Adjust Method	Sound-optical Q-switch
Marking Range	70*70mm(2.76**2.76") (Optional Range: 110*110mm(4.33**4.33"), 175*175mm(6.89**6.89"))
Max. Marking Depth	0.01-0.2mm(0.0004"-0.0078")(depend on the material)
Max. Line Marking Speed	7000mm(275.6"/s)
Mini. Line Width	0.02mm(0.0007")
Mini. Marking Letter	0.3mm(0.012")
Repeat Precision	±0.002mm(0.0001")
Laser Capability Control	1-100% manipulating and software setting
Software	laser high speed controlling software
Support Image Format	PLT, AI, DXF, BMP, and other universal format
Cooling Method	Water cooling and protection system
Power Support	380V/50Hz or 220V/50Hz
Main components	Control cabinet, cooling system and main power
Spare Parts	Krypton Lamp, it can be used for 1000-2000 hours
Price	\$15,142



- ◆ With high resolution and fine pattern.
- ◆ Core parts adopt imported ceramic reflection cavity, high efficiency of energy transition, which extend the working life of krypton light as much as 2 or 3 times. Laser threshold is low, excellent beam quality, easy maintenance.
- ◆ Laser marking result is excellent with fast speed(Max. speed can up be to 7000mm(275.6"/s), never fade, high relocation accuracy, high repeatability and location accuracy.
- ◆ Support various file format, system is powerful. It can be random array of design, letters, numbers can be marked at one time.
- ◆ Equipped with industries constant temperature water chiller, it has the characteristic of long service life, dust-proof, etc.. Meanwhile, it has the characteristics of low noise, high reliability and stability, and has the function of voice alarm for the over-heat temperature.

**LMM-GL-DBEC50-S: End Pump Semiconductor Metal Laser Marker-with PC**

This laser marker can mark on many kinds of materials, includes metal and non-metal, especially for metal.

Adopt imported high quality diode pump ND: YAG laser medium, with high photoelectric conversion efficiency.

Compared with traditional lamp pump marking laser machine,

LD life can extend to 20 times, energy consumption is reduced to 75%.

**Specifications**

Model	LMM-GL-DBEC50-S
Laser Medium	Diode pumped
Laser Frequency	200Hz-50KHz(adjustable)
Laser Output Power	50W
Q Adjust Method	Sound-optical Q-switch
Marking Range	70*70mm(2.76**2.76") (Optional Range: 110*110mm(4.33**4.33"), 175*175mm(6.89**6.89"), 220*220mm(8.66**8.66"), 300*300mm(11.81**11.81"))
Max. Marking Depth	0.01-0.2 mm(0.0004"-0.0078")(depend on the material)
Max. Line Marking Speed	7000mm(275.6"/s)
Mini. Line Width	0.02mm(0.0007")
Mini. Marking Letter	0.1mm(0.0039")
Repeat Precision	0.002mm(0.000078")
Software	Special English marking software
Support Image Format	PLT, AI, DXF, BMP, and other universal format
Cooling Method	Water cooling and protection system
Power Support	AC220V±10%, 50-60Hz
Main Composing	Control cabinet, cooling system and main power
Optional Device	Rotary system
Spare Parts	No
Price	\$20,615



- ◆ With high marking speed (can up to 7000mm(275.6"/s).
- ◆ Lear resonator is reliable, Output power is stable, high marking accuracy.
- ◆ Advanced hardware controlling technology, intelligent software operation system.
- ◆ Laser generator, power supply, working table all-in-one structure, easy operation, working table can be made according to production need.
- ◆ It is widely used for high precision marking, plastic keys of mobile phone, etc.
- ◆ You can use the machine for long time, because Diode pump's lifecycle is about 16000 hours.
- ◆ Equipped with industries constant temperature water chiller, it has the characteristic of long service life, dust-proof, etc.. Meanwhile, it has the characteristics of low noise, high reliability and stability, and has the function of voice alarm for the over-heat temperature.

## Laser marker

B

## LMM-YLP-F10/F20: Fiber Marking Machine

Free for maintenance, long working life, small and compact size, use common air-cooling system.

Fiber output, can apply flexibly, and easy to make 3D processing system.

Special good for delicate marking.

It can be widely used in marking on many products, especially suitable for hardware tools, knife and kitchen ware, plastic product, keyboard of the computer, metal art craft, button, IC, bottle packing, glasses frame, cleaning and bathing wares, etc.

- ◆ Install backward reflecting isolator, which uses the particularity of wavelength and direction of laser, and the special structure inside the backward reflecting isolator, to block the laser reflected by work piece, in order to avoid the laser enter the laser oscillator again to damage the laser oscillator.
- ◆ Fiber laser oscillator combines multi-module pump-light with coupling technique of dual clad fiber, which owns single-module fiber core to achieve side-strengthened parallel fiber laser. The following states its main characters:
  - √ Good beam quality, TEM00 single-module output, after collimating diameter is 10mm, M2<1.8, divergence angle of beam is 0.24mrad.
  - √ After focusing, the diameter is very small, the peak power density working point is very high, which is about 109W/cm<sup>2</sup> especially suit for fine marking and slotting.
  - √ High pulse repetition efficiency(20KHz-100KHz) especially suits for high speed marking.
  - √ Adopts no maintenance main oscillating power amplification technology and seed light source pulse generation technology which is high reliable, mean time between failure, MTBF can reach over 100,000 hours. Be able to work 24-hour continuously, no need to maintain, which save the maintenance and running cost.
- ◆ The control software runs on WINDOWS XP, English interface, is compatible with documents output from AUTOCAD, CORELDRAW, PHOTOSHOP, CAXA etc. It can handle marking of bar codes, 2D code, graphics context, etc, support file formats such as PLT, DXF, BMP, etc. SHX and TTF character stock can be used directly. The system has automatic coding function, it can print sequence number, batch number, date, etc.



High-quality



## Specifications



Model	LMM-YLP-F10/F20	
Output Power	10W/20W	
Marking Area	100*100mm	160*160mm
Marking Speed	250 characters/sec, height=1mm	300 characters/sec, height=1mm
Min. Character Size	0.3mm	0.5mm
Min. Line Width	50µm	90µm
Marking Function	GUI, graph processing function, multi file modes support, character editing function, auto serial num. marking, filling marking, optimization of scanning speed and parameter, continuous marking, layers marking, testing marking, memory card storage, undo/redo function, intelligent control interface deployed with the outer equipment.	
Marking Specification		
Beam Quality M2	<2	
Pulse Repetition Frequency	20kHz-80kHz	
Marking Depth	≤0.4mm	
Marking Speed	≤7000mm/s	
Min. Line Width	0.012mm	
Min. Character Size	0.15mm	
Repetition Accuracy	±0.003mm	
Indication Light	Red light wavelength=650nm	
User Font	Chinese and English fonts	
TrueType Font	Font designed by Microsoft and Apple has been installed in the computer	
Correction Character	Auto schedule, auto time limit counting, shift code setting, auto calculator, layer marking.	
Character Type		
Bar Code	CODE39, EAN standard, EAN shorten code, CODE128, EAN-128, 39 code, extending 39 code, Data Matrix, cross25code, upc-A code, PDF417	
2D Code	QR code, micro QR code, data model(ECC200)	
Marking Graph	User-defined character, CAD data BMP, JPG, PNG, TIF, PCX, TAG, IOO, PNG, GIF, PLT	
Marking Moving Mode	Fixed point, beeline, spot line, circle, ellipse., etc	
Marking Condition	Marking Type Static/dynamic marking	
Operation System	Cooling Mode Air cooling	
Machine Dimension	L*W*H 760*770*1290mm	
Machine Weight	kg 155kg	
Price	US Dollar LMM-YLP-F10: \$35,200, LMM-YLP-F20: \$39,500	

## CNC engraver&amp;router

B

## CNCR-LD Series Desktop CNC Engraver

It is possible to process any wooden products and advertising sign plate, acrylic board/sheet.

Any metal or non-metal materials can be processed, for example, iron, copper, aluminum, plastic plate, wood, jade, etc.

- ◆ DSP controlling system, easy operation, sturdy, reasonable price, multi-functions and wide range of applications.
- ◆ Unique intelligent calculation fully develops the potential of the engine and leads to high processing speed, the synchronization of curves and straight lines, and more smooth curves.
- ◆ Be compatible with various CAD/CAM softwares, such as Type3/Artcam/Casmate/Proe/UG/Artgrave etc.
- ◆ It is able to go on engraving when the electricity is off or the tool is broken.



CNCR-LD-6030H



CNCR-LD-3020HA

## Specifications

Model	CNCR-LD-3020HA	CNCR-LD-3020HJ	CNCR-LD-3020HM	CNCR-LD-6030H
Description	For AD. industry	For jade products processing (With Cooling water circulation system)	For metal stamp engraving (With metal stamp clamp)	For AD. industry
Max. Engraving Area		300*200mm(12**8")		600*300mm(24**12")
Travel of Z axis		55mm(2")		55mm(2")
Spindle Power		800W water cooling		800W water cooling
Resolution		0.01mm(0.00039")		0.01mm(0.00039")
Max. Travel Speed		6mm(236"/min)		6mm(236"/min)
Engraving Tool Dia.		3.175, 6.00mm		3.175, 6.00mm
Engraving Software		UcanCAM		UcanCAM
Machine Dimension		650*450*600mm(26**18**24")		820*600*600mm(32**24**24")
Machine Weight		45kg		68kg
Price	\$2,365	\$2,759	\$2,562	\$3,088

## CNCR-LD Series Advertisement CNC Engraver

Easy operation, sturdy, durable reliable performance, reasonable price, multi-function and wide range of application make it applicable to advertising, mold, gifts, carpentry and other construction processing. Any metal or non-metal material can also be processed, for example, iron, copper, aluminum, plastic plate, wood, etc.



CNCR-LD-9065H



## Main Configuration Information

**Engraving Area:** 900\*650mm, 1200\*1200mm, 1200\*1600mm, 1300\*1800mm, 1300\*2500mm

**Height of Gantry Lift:** 70mm/90mm

**Max. Travel Speed:** 20m/min(DSP)

**Spindle Power:** 800W/1.5KW/2.2KW Chinese air cooled

**Machine Body:** Aluminum-alloy table+protective table top

Welded structure, X, Y, Z direction adopting bolt pole transmission ensures the precision in processing.

DSP(USB interface), operation with the handle, large screen display,

convenient operation and simple maintenance.

16 pcs engraving tools.

**Software:** Type3 or UcanCam V8



CNCR-LD-1318H

- ◆ Unique intelligent calculation fully develops the potential of the engine and leads to high processing speed, the synchronization of curves and straight lines, and more smooth curves.
- ◆ Multi-compatibility: Be compatible with various CAD/CAM softwares, such as Type3/Artcam/Casmate/Proe/UG/Artgrave, etc.
- ◆ It is able to go on engraving when the electricity is off or the tool is broken.

## Specifications

Model	CNCR-LD-9065H	CNCR-LD-1212H	CNCR-LD-1318H	CNCR-LD-1325H
Max. Engraving Area	900*650mm(35**26")	1200*1200mm(47**47")	1300*1800mm(51**71")	1300*2500mm(51**98")
Travel of Z axis	70mm(3")		90mm(3.5")	
Spindle Power	800W water cooling		1.5KW water cooling	
Resolution	0.01mm		0.01mm	
Max. Travel Speed	6m(236"/min)		10m(394"/min)	
Engraving Tool	∅ 3.175 , ∅ 6		∅ 3.175 , ∅ 6, ∅ 4(optional)	
Motor	Step motor		Step motor	
Machine Dimension	1300*1000*1100mm(51**40**43")	1600*1400*1400mm(63**55**55")	2200*1500*1400mm(87**59**55")	2900*1500*1450mm(114**59**57")
Machine Weight	180kg	240kg	320kg	600kg
Price	\$3,230	\$4,193	\$5,577	\$6,200



## CNC engraver&amp;router

B

## CNCR-OP+ Series High Precision AD CNC Engraver

CNCR-OP+ series CNC engraving machine is a new model for the sign making industry in 2010. It has a new look, fast speed and high precision. It comes with a newly developed DSC CNC controller, high definition LCD display, and a user friendly interface.

## Main Configuration Information

**Engraving Area:** 1200\*800mm, 1200\*1200mm, 1300\*1800mm, 1300\*2500mm

**Height of Gantry Lift:** 110mm

**Max. Travel Speed:** 7.2m/min(DSP)

**Spindle Power:** 1.5/2.2KW Chinese air cooling

**Machine Body:** Welded structure, X, Y, Z axis in circular guideway.

DSC CNC controller, high definition colorized LCD display.

10 pcs engraving tools.

- ◆ It uses a high speed USB 2.0 connector and can transfer at speed up to 12MB/second.
- ◆ There is an Ethernet connector and large internal memory, making it easy to download data.
- ◆ The new digital analog converter makes it much easier to change the speed of the spindle via the controller. The controller uses DSC technology, enhancing data processing speed.
- ◆ When the job mixes straight lines and arcs, it will make the output very smooth.
- ◆ The new controller has the same previous functions such as cutting at an angle for more smooth cut, power failure memory of the last point, restarting the job at any line, etc.
- ◆ New functions include professional modes like constant speed cutting, 2D mode, 3D mode, custom made mode(the user can set his own defined parameters for each kind of job and save it), which is easier to reuse for the future. The new controller has many kinds of high level functions, like Duplicate Mode, Mirror Image Mode, Scanning Mode, Drilling Mode, etc.



Calibrator



Spindle



Curve designs

## ◆ Sample



## Specifications



Model	CNCR-OP+-1208	CNCR-OP+-1212	CNCR-OP+-1318	CNCR-OP+-1325
Precision Repeatability				±0.05mm
Max. Engraving Area	1200*800mm(47**31")	1200*1200mm(47**47")	1300*1800mm(51**71")	1300*2500mm(51**98")
Spindle Power		1.5 KW Chinese air cooling		2.2KW Chinese air cooling
Spindle Rate			24000r/min	
Cutting Tool Diameter			3, 1.75, 4, 6, 8mm	
Travel of Z Axis			110mm	
Max. Movement Speed			7.2/25m/min*	
Working Table Size	1280*1340mm	1360*1650mm	1360*2270mm	1360*3030mm
Machine Dimension(W*L*H)	1790*1670*1400mm(70**66**55")	1970*1790*1400mm(78**70**55")	2580*1790*1400mm(101**70**55")	1820*3200*1465mm(72**126**58")
Machine Weight	380kg	500kg	650kg	1000kg
Consumption		◆2.5KW		◆3.0KW
Price	\$5,385	\$6,000	\$7,138	\$8,477

**Note:** Parameters are subject to change. Refer the company technical standards as the basis.

\* Results are different when using a step motor versus a servo motor.

◆ Depending on the spindle power, results may differ.

## CNC engraver&amp;router

**CNCR-LD-1325HX: Woodworking CNC Engraver****Main Configuration Information****Engraving Area:** 1300\*2500mm**Height of Gantry Lift:** 120mm**Max. Travel Speed:** 30m/min(DSP)**Spindle Power:** 3KW Chinese air cooling**Machine Body:** Aluminum-alloy table+protective table top

Gear wheel transmission in Y direction, dual engines and high-power driver guarantee the speed and power. X, Z direction adopting bolt pole transmission ensures the precision in processing.

X, Y, Z axis adopt German liner rail.

16 pcs engraving tools. DSP(USB interface).

**Software:** Type3 or UcanCAM V8.**Specifications**

Model	CNCR-LD-1325HX
Max. Engraving Area	1300*2500mm(51**98")
Travel of Z axis	120mm(4.7")
Spindle Power	3 KW inverter-driven spindle motor cooled by water
Resolution	0.01mm
Max. Travel Speed	30m(1181")/min
Engraving Tool Dia.	3.175, 6, 4mm(optional)
Machine Dimension	2900*1500*1450mm(114**59**57")
Machine Weight	1000kg
Price	\$8,686



- ◆ Optimization of mechanical and electric design ensure good performance of machine.
- ◆ Furnishing with high inverter-driven spindle motor cooled by water.
- ◆ 32M saving capacity can store more than 3 processing files simultaneously and read one at random.
- ◆ More compatible: It is compatible with such CAD/CAM software like type3/artcam/castmate/proe/UG/wentai software, etc.
- ◆ It is able to go on engraving when the electricity is cut or the tool is broken.

**CNCR-LD-HS Series Stone and Glass CNC Router**

Easy operation, sturdy, durable reliable performance, reasonable price, multi-functions and wide range of application make it possible to process stone products and soft metal materials, for example copper, aluminum, plastic plate, wood, etc.

**Main Configuration Information****Engraving area:** 1300\*1800mm**Height of Gantry Lift:** 120mm**Max. Travel Speed:** 30m/min(DSP)**Spindle Power:** 3KW**Power Supply:** 220V, 50Hz**Machine Body:** Water cooling circulation system+spray nozzle.

Gear wheel transmission in Y direction, dual engines and high-power driver guarantee the speed and power. X, Z direction adopting bolt pole transmission ensures the precision in processing.

16 pcs engraving tools. DSP(USB interface).



Economical

**Specifications**

Model	CNCR-LD-1318HS
Max. Engraving Area	1300*1800mm(51**71")
Spindle Power	3KW inverter-driven spindle motor cooled by water.
Max Engraving Speed	10m/min
Instruction Resolution	0.01mm(0.00039")
Repeat Precision	0.1mm(0.0039")
Engraving tools Dia.	3.175, 6.00mm
Rotational Speed of Spindle	6000-24000rpm
Type of Driving Motor	Step motor
Power Supply	AC110V-240V, AC380V. 50Hz/60Hz
Machine Dimension	1600*1400*1450mm(63**55**57")
Machine Weight	360kg
Price	\$6,600



## CNC engraver&amp;router

B

**CNCR-SD-SAI Plus Series Heavy Duty Structure Stone/Glass CNC Engraver**

This series CNC engravers can engrave many kinds of hard materials like marble, granite, glass, floor tile and soft metal.

**Main Configuration Information**

**Engraving Area:** 900\*1500mm/1300\*1800mm/1300\*2500mm

**Height of Gantry Lift:** 300mm

**Max. Travel Speed:** 20m/min(NcStudio controlling system)

**Spindle Power:** 5.5KW water cooled

**Machine Body:** One-piece cast Iron, Water cooling circulation system+spray nozzle+Front and back of machine with pulley gear and water tank.

Pulley gear installed in the front of working table for loading stone easily, it is very convenient for moving stone. Water tank installed at the back of working table for storing water.

X, Y axis adopt helical rack gear wheel transmission, which increase machine's using intensity and service life. Z axis adopts ball screw transmission, which ensures the precision in processing.

X, Y, Z axis adopt round rods guide structure, resistant and anticorrosion. High quality fittings make the machine drive smoothly.

NcStudio controlling system.

15 pcs engraving tools for stone engraving.



CNCR-SD-1325SAI Plus



CNCR-SD-1318SAI Plus



CNCR-SD-9015SAI Plus

## ◆ Sample

**Specifications**

Model	CNCR-SD-9015SAI Plus	CNCR-SD-1318SAI Plus	CNCR-SD-1325SAI Plus
Max. Engraving Area	900*1500mm(35**59")	1300*1800mm(51**71")	1300*2500mm(51**98")
Spindle Power	5.5KW water cooling	5.5KW water cooling	5.5KW water cooling
Worktable Size	1000*1600mm(59**84")	1500*2130mm(59**84")	1500*3110mm(59**122")
Max. Carve Height	300mm(11.8")	300mm(11.8")	300mm(11.8")
Max. Carve Speed	<20m(787")/min	<20m(787")/min	<20m(787")/min
Resolution	0.001mm/Pulse	0.001mm/Pulse	0.001mm/Pulse
Repeat Precision	0.01mm	0.01mm	0.01mm
Rotational of Spindle	2,400rpm/min	2,400rpm/min	2,400rpm/min
Engraving Tool Dia.	8, 6, 4, 3.175mm	8, 6, 4, 3.175mm	8, 6, 4, 3.175mm
Power Supply	AC380V, 50Hz	AC380V, 50Hz	AC380V, 50Hz
Machine Dimension	1950*1050*1550mm(77**41**61")	1710*2670*1650mm(67**105**65")	1710*3240*1650mm(67**128**65")
Machine Weight	750kg	850kg	1100kg
Price	\$9,800	\$11,000	\$13,000

CNC engraver&router



**CNCR-SD-SAI Plus Series Large Format Heavy Duty Structure Stone/Glass CNC Engraver**

This series CNC engravers can engrave many kinds of hard materials like marble, granite, glass, floor tile and soft metal.

**Main Configuration Information**

**Engraving Area:** 1300\*3000mm/1600\*3000mm/2000\*3000mm

**Height of Gantry Lift:** 300mm

**Max. Travel Speed:** 20m/min(NcStudio controlling system)

**Spindle Power:** 5.5KW water cooled

**Machine Body:** One-piece cast Iron, Water cooling circulation system+spray nozzle+Front and back of machine add pulley gear and water tank.

Pulley gear installed in the front of working table for loading stone easily, it is very convenient for moving stone. Water tank installed at the back of working table for storing water.

X, Y axis adopt helical rack gear wheel transmission, which increase machine's using intensity and service life. Z axis adopts ball screw transmission easures the precision in processing.

X, Y, Z axis adopt round rods guide structure, resistant and anticorrosion. High quality fittings make machine drive smoothly.

NcStudio controlling system.

15 pcs engraving tools for stone engraving.



CNCR-SD-1630SAI Plus



CNCR-SD-2030SAI Plus



Pulley gear



Water box



**Specifications**

Model	CNCR-SD-1330SAI Plus	CNCR-SD-1630SAI Plus	CNCR-SD-2030SAI Plus
Max. Engraving Area	1300*3000mm(51**118")	1600*3000mm(63**118")	2000*3000mm(79**118")
Spindle Power	5.5KW water cooling	5.5KW water cooling	5.5KW water cooling
Worktable Size	1380*3100mm(54**122")	1680*3100mm(66**122")	2080*3100mm(82**122")
Max. Carve Height	300mm(11.8")	300mm(11.8")	300mm(11.8")
Max. Carve Speed	<20m(787")/min	<20m(787")/min	<20m(787")/min
Resolution	0.001mm/Pulse	0.001mm/Pulse	0.001mm/Pulse
Repeat Precision	0.01mm	0.01mm	0.01mm
Rotational of Spindle	2,400rpm/min	2,400rpm/min	2,400rpm/min
Engraving Tool Dia.	12, 8, 6, 4, 3.175mm	12, 8, 6, 4, 3.175mm	12, 8, 6, 4, 3.175mm
Power Supply	AC380V, 50Hz	AC380V, 50Hz	AC380V, 50Hz
Machine Dimension	2000*3900*1500mm(79**154**59")	2300*3900*1500mm(91**154**59")	2700*3900*1500mm(106**154**59")
Machine Weight	1200kg	1300kg	1500kg
Price	\$14,500	\$15,500	\$17,000



CNC engraver&router

B

**CPM-JR-1325SV: Multifunctional CNC Engraver with Vacuum System**

CNC Router with Vacuum CNCR-JR-1325SV is a new product, it is specially designed for woodworking industry. The three advantages are: fast speed, accurate and steady. Also this CNC engraver can be applied to architectural models, gravel, plastic board PVC board and other non-metal models, 3D wave patterns carved panels, cabinet doors, solid wood doors, wooden craft, non-painting doors, screens, craft window, computer tables and other auxiliary furniture.

**Main Configuration Information**

**Engraving Area:** 1300\*2500mm

**Height of Gantry Lift:** 230mm

**Max. Travel Speed:** 50m/min(DSP)

**Spindle Power:** 3.0 KW

Chinese high quality step motor/Japan Imported Servo Motor 850W

**Machine Body:** Welded structure, X, Y axis adopting Rack Gear wheel transmission and Z axis adopting ball screw transmission ensure the precision in processing.

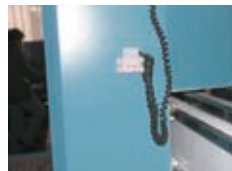
X, Y, Z axis Linear Square Rail, Vacuum table, Vacuum pump, 5.5KW dust collector.

DSP controlling system.

10 pcs engraving tools for woodworking.



Oil smoothing equipment



Tool sensor



Tongyou vacuum pump air cooling



Dust collector



**Specifications**



Model	CNCR-JR-1325V/CNCR-JR-1325SV
Max. Engraving Area	1300*2500mm(51**98")
Spindle Power	3.0KW water cooling spindle
Travel Speed(X, Y, Z triaxial move together )	50m/min
Instruction Resolution	0.01mm
Repeat Precision	0.04mm/300mm
Engraving Tools Dia.	3.175mm, 6mm, 12.7mm
Rotational Speed of Spindle	6000-24000rpm
Type of Driving Motor	Step/Servo motor
Power Supply	AC220V/380V, 50Hz
Machine Dimension	2900*1885*1660mm(114**74**65")
Machine Weight	1100kg
Price	\$11,520(Step motor) \$14,566(Servo motor)

- ◆ Integrally cast Lathe bed adopts strong welded steel tube to avoid distortion. It is solid, stable, highly rigid and with long service time.
- ◆ Lathe table adopts vacuum with double-cavity, separate solenoid valve control over six sections, saves power and with strong absorption.
- ◆ Y axis adopts double motors to keep stable moving.
- ◆ High accuracy, Rack Rail tavel method at high speed.
- ◆ Imported Square Liner Rail, high accuracy, heavy burthen.
- ◆ High power dust collector system to clean the dust in processing course.
- ◆ Automatic lubrication system can easily finish the regular maintenance by one single touch.
- ◆ Ideal machine for woodworking industry.



## CNC engraver&router

### CNCR-S3(Typical C) series Woodworking CNC Routers

NEW APPEARANCE, good-stability, high-speed, net work, easily learned and used, modular structure.

It is specially designed for end-market and suitable for mass processing of all kinds of boards, such as aluminum plate, copper plate, acrylic board, marble board, MDF board, wood plate and so on.

Widely used in the woodworking industry, kitchen cabinet, sign-making, decoration and so on.

#### Main Configuration Information

**Engraving Area:** 1270\*1270mm, 1800\*1270mm, 2540\*1270mm

**Height of Gantry Lift:** 160mm

**Max. Travel Speed:** 20m/min

**Spindle Power:** Chinese water/air cooling 3KW

**Resolution:** 0.025mm/Pluse

**Machine Body:** Steel-aluminium mixed

All three axis adopt the imported 25mm linear ball bearing and rack transmitting design. High precision X axis of double motors driving.

Automatic tool calibrator.

Ethernet and serial communications interface are available to the host computer system.

**VII CNC controller.** 12 pcs engraving tools.

**Software:** Artcut 2010 multi-language(Include: English, Germany, France, Japanese, Portuguese, Russian, Spanish, etc).



- ◆ Fast speed: Its speed can reach 20m /min, as much as you buy two or three sets of CNC machine in other brand.  
It can realize fast processing of embossment and 3D engraving. It can also bear fast processing with high-power spindle on over 50kg heavy workpieces.
- ◆ High control precision: Its max. control precision can reach 0.001mm.
- ◆ High precision of Z axis and its travel field is over 160mm, which is suitable for making shaped mould and half-finished goods.
- ◆ Manufactured in accordance with the structure of industrial machinery design, good steeliness.
- ◆ Gantry adopts double motors driving, which makes the whole machine running fast, stable, and uniform.
- ◆ Using patented split-module structure, easy to transport and transfer the machine into ordinary doors.

#### ◆ Sample



#### Specifications



Model	S3404	S3406	S3408	S3410
Max. Engraving Area	1300*1300mm(51**51")	1800*1300mm(71**51")	2500*1300mm(98**51")	3048*1524mm(120**60")
Travel of Z axis	160mm(6")			
Spindle Power	3KW Chinese Water cooling		3KW Chinese Water cooling	
Resolution	0.025mm(0.00098")			
Max. Travel Speed	20m(787")/min			
Engraving Tool Dia.	∅3.175, 6, 4mm(optional)			
Motor	Step motor			
Controller Cabinet	Artisan VII Controller			
Power Supply	380V, 50Hz/60Hz			
Machine Dimension	1700*2010*1450mm(67**79**57")	2200*2010*1450mm(87**79**57")	3040*2010*1450mm(119**79**57")	3450*2210*1380mm(136**87**54")
Machine Weight	480kg	550kg	650kg	900kg
Price	\$9,200	\$9,800	\$11,900	\$15,000
Optional Device	Dust collector, vacuum table, vacuum pump, multi-heads			

## CNC engraver&amp;router

B

**CNCR-JNR-1325ATC: Woodworking Multifunction CNC Center with Carrousel ATC**

Configured with imported tool magazine of 8 tools, the CNC router can change tools speedy and freely. With Italy combination drills(11 bits+1 saw blade), the CNC router can finish various processes one time including drilling, edge cutting, slotting, lock hole making and expanding for the wooden door panels with complicated processing requirement.

**Main Configuration Information**

**Engraving area:** 1300\*2500mm

**Height of Gantry Lift:** 230mm

**Max. Travel Speed:** 60000mm/min(DSP)

**Spindle Power:** Italy HSD 8KW air cooling

**Rotary Carrousel:** Auto-tool Changer system, Tool magazine capacity of 8 tools, Tool change time only 8 seconds.

Japanese YASKAWA servo motor 850W, which makes the CNC router stably running with low noise, high speed, and high accuracy.

Italy combination drills(11 bits+1 saw blade).

Welded structure by thick profiled steel and stabilized under high temperature, which ensure min. distortion, excellent rigidity and powerful strength.

**Transmission:** X,Y axis high precision Rack Gear, Z axis imported Ball screw.

**X, Y, Z guide rail:** Linear Square Rail.

Automatic lifting device for vacuum suckers.

Color LCD display.

Tool sensor enables the machine to compensate the tolerance of tool length.

**Software:** Type3 or Ucamcam V8



## ◆ Sample

**Application**

**Architectural Model Industry:** Linear ATC CNC Router is suitable for metal models, gravel, plastic board PVC board and other non-metal models.

**Woodworking Industry:** 3D wave patterns carved panels, cabinet doors, solid wood doors, wooden craft, non-painting doors, screens, craft window, computer tables and other auxiliary furniture.

**Advertising Industry:** Billboard advertising, sign making, acrylic cutting, mold forming and other advertising processes.

Image engraving, embossing, craft and gift industry.



Italy air-cooling ATC spindle



Italy multi-function group drills



Japan Yaskawa servo motor



Taiwan ATC rotary carrousel

**Specifications**

Model	CNCR-JNR-1325ATC
Max. Engraving Area	1300*2500*230mm(51**98**9")
Spindle Power	Italy HSD 8.0KW air cooling
Max. Travel Speed(X, Y, Z triaxial move together)	60000mm/min
Max. Engraving Speed	25000mm/min
Instruction Resolution	0.05/300mm
Repeat Precision	0.04mm/300mm
Engraving Tools Dia.	2-20mm
Rotational Speed of Spindle	6000-24000rpm
CNC Controller	DSP with USB interface
Type of Driving Motor	Japan servo motor 850W
Type of Worktable	Vacuum
Interface	USB
Power Supply	AC380V, 50Hz
Cooling Method	Air cooling
Machine Dimension	3230*2320*2000mm(127**91**79")
Machine Weight	2500kg
Price	\$47,000

## CNC engraver&amp;router

**CNCR-QDS-20122A-10: 10 Heads Cylinder CNC Engraver**

10 heads, which can process ten pcs of workpiece together, increasing working efficiency and saving labor.  
Mainly used for European-style Roman column, simulated mahogany furniture and all kinds of cylinders.

**Main Configuration Information**

Servo system, PCI digital controlling system, with balance cylinder.  
Imported linear bearing and ball screw assure process with high speed and high precision.  
Machine tools in overall thick wall pipe structure, analysed and designed by FEA, have difficult deformation and high rigidity.  
Removable working table.

**Specifications**

Model	CNCR-QDS-20122A-10
Max. Engraving Area	1200*200mm(51**98")
Spindle Power	2.2KW water cooled spindle
Max. Engraving Speed	10m/min
Instruction Resolution	0.04mm
Repeat Precision	0.01mm/300mm
Engraving Tools Dia.	3.175mm, 6mm, 12.7mm
Rotational Speed of Spindle	18000rpm
Type of Driving Motor	Servo motor
Power Supply	AC220V(380V), 50Hz
Machine Dimension	2200*2500*1700mm(87**98**67")
Machine Weight	1100kg
Price	\$34,850

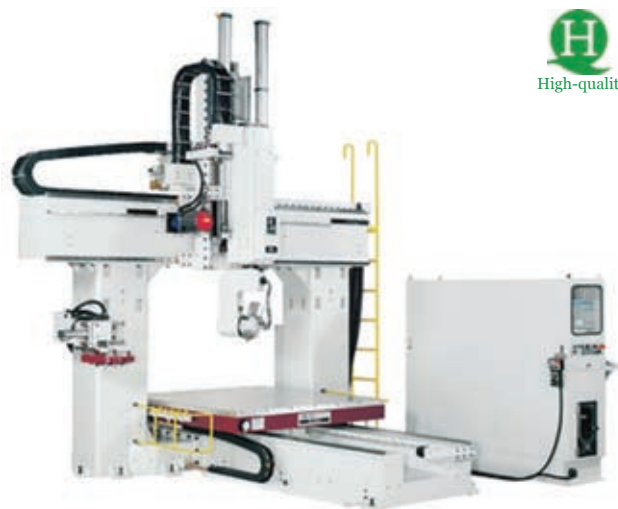
High-quality

**CNCR-WZLD-1616: 5 Axis Processing Center**

18KW, 360 degree Italian HSD spindle motor, air cooling

**Specifications**

Model	CNCR-WZLD-1616
Working Area	1600*1600*600mm(63**63**24")
Table Size	1700*1700mm(67**67")
Spindle Power	HSD 18KW air cooling 360 degree
Spindle Rotary Speed	0-50000r/min
Mechanical Structure	Casted working table
Transmission	High precision ball screw X, Y, Z axis
Processing accuracy	0.01mm
Repeat Positioning Accuracy	0.02mm
Max. Moving Speed	32m/min
Max. Working Speed	20m/min
ATC System	Japan SANYO. 8 bits
Drive System	Japan YASKAWA AC servo motor
Control System	Fanuc
Engraving Tool Dia.	3.175, 6, 8, 10, 12.7, 20mm
Power Supply	380V, 50Hz
Machine Dimension	3000*4000*2800mm(118**157**110")
Machine Weight	7000kg
Price	\$175,000

**Main Configuration Information**

Japan YASKAWA AC servo motor.  
Japan SANYO ATC system, Geneva type, 8 bits. It only takes 7 seconds to change a tool, saving labour and time.  
High precision AMT guideway and double rows ball bearing. High bearing capacity, long service life, stable operation.  
X, Y, Z axis all adopt high precision PMI ball screw, making positioning more precise and the quality better.  
Overall casting, through tempering stress removal and twice precision machining to effectively ensure high precision and long service life.  
Automatic ari system avoids the spindle inhaling dust.  
Automatic lubrication system makes lubrication centrally.  
Independent automatic calibration system ensures operation precise and flexible.  
FANUC 5 axis control system.  
Compatible with all popular softwares, such as Type3, Artcam, Alphacam, Pro/E, etc.

## CNC engraver&amp;router

B

**CNCR-SMART-106: Mini Multi-funtional and Low Noise CNC Engraver**

The SMART engraving machine is an ultra small, quiet and a multipurpose engraving machine with a very high price to quality ratio, small and smart. Suitable for gifts, souvenirs, and jewelry stores, it can engrave items like cigarette lighters, key chains, picture frames, wristwatches and other jewelry items made from gold and silver. You can engrave small name badges and product labels on stone chops, horn chops, copper chops, fountain pens, etc.

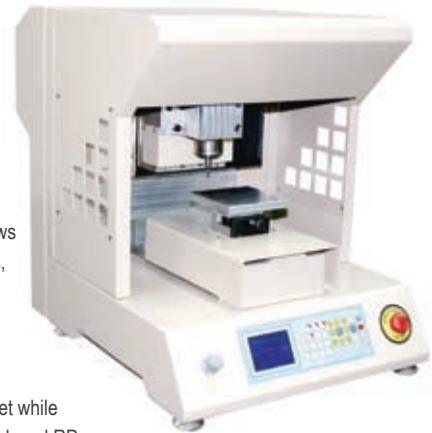
**Machine Body:** USA made lead screw, high performance ARM-CNC controller system, large LCD display, USB memory stick and USB communications port. Comes with a high capacity FLASH memory.  
I set of cutters(8pcs) supplied with each machine. Specialized cutters available for hard materials.

**Specifications**

Model	CNCR-SMART-106
Working Table Size	100*100mm(4**4")
Max. Working Size	100*60*35mm(4**2**1.4")
Spindle Power	40W
Positioning Precision	0.002mm/pulse
Spindle Rate	18000r/min
Max. Travel Speed	3.6m/min
Engraving Tool Dia.	3.175, 4mm
Driving Motor	Step motor
Power Source	AC220V±10% 50HZ
Consumption	0.15KW
Machine Dimension	400*530*490mm(16**21**19")
Machine Weight	30kg
Price	\$3,180



- ◆ High cost performance, low noise, multi-functional.
- ◆ USB memory stick and USB communications port. Comes with a high capacity FLASH memory, which allows you to save many kinds of engraving and 3D library files, easy for you to change files quickly when engraving.
- ◆ Comes with a high speed spindle and stepless speed regulator. Highest rotational speed is 24,000rpm. Small engravings are very easy to accomplish.
- ◆ Comes with an USA made lead screw, which is very quiet while operating.-Suitable for use in offices for initial design work and RP (rapid prototypes)-mobile phones, digital cameras, jewelry and so on.
- ◆ Compatible with many different kinds of CAD/CAM software which can produce HPGL or G Code.
- ◆ Power-off protective memory function assures restarting work in the same position after power-off.

**CNCR-MEII-5040: 500\*400mm High Precision CNC Mould Engraver**

The CNC mould engraving machine is suitable for mould injections, heat transfer moulds, press moulds and other copper and EDM moulds. This machine is well received in the market and has surpassed our expectations.

**Main Configuration Information**

**Engraving Area:** 500\*400mm

**Height of Gantry Lifting:** 200mm

**Max. Travel Speed:** 10m(servo)/min

**Spindle Power:** 4.5KW water cooled high frequency spindle, which gives the machine an extremely powerful cutting ability

**Machine Body:** Double column platform and linear guide system, Germany ball screw, Taiwanese controller.

380V triple phase, imported servo system(Whole enclosed).

I set of cutters(8 pcs) supplied with each machine. Specialized cutters available for hard materials.

**Specifications**

Model	CNCR-MEII-5040
Working Table Size	540*500mm(21**20")
Max. Working Size	500*400*200mm(20**16**8")
Spindle Power	4.5KW water cooled spindle
Positioning Precision	±0.02/300mm
Spindle Rate	18000r/min
Max. Travel Speed	6m/min
Engraving Tool Dia.	3.175, 4, 6mm
Driving Motor	Servo motor, whole enclosed
Power Source	AC380V±10%, 50Hz
Consumption	7.5KW
Optional Device	The fourth axis-rotary fixture
Machine Dimension	1700*1850*2100mm(67**73**83")
Machine Weight	1500kg
Price	\$26,900



- ◆ It uses Germany ball screw, imported linear guide, imported servo driver and can satisfy the mould industry's need for precision and durability.
- ◆ Z-axis with air-balance design for more smooth and steady working.
- ◆ Simple operating panel, much easier to operate.
- ◆ Power-off protective memory function assures restarting work in the same position after power-off.



CNC engraver&router



**CNCR-MEII-4242: High Precision Metal CNC Mould&DIE Engraving Machine**

The CNC mould engraving machine can very easily satisfy most mould cutting requirements. The hand controller is very easy to operate and allows for faster operations. Suitable for mould injections, heat transfer moulds, press moulds, and other copper and EDM moulds.



- ◆ It uses a double column stand, cast iron built, and linear guide system.
- ◆ It can very easily satisfy most mould cutting requirements.
- ◆ The hand controller is very easy to operate and allows for faster operations.
- ◆ Equipped with Type3 engraving software, it is compatible with other various CAD/CAM software, such as Artcam/Casmate/Proe/ UG/Artgrave, Ucanam V8, etc.
- ◆ Power-off protective memory function assures restarting work in the same position after power-off.

**Specifications**



Model	CNCR-MEII-4242
Working Table Size	440*540mm
Max. Working Size	420*420*150mm
Spindle Power	1.5KW water cooled spindle
Positioning Precision	±0.03/300mm
Max. Spindle Rate	24000r/min
Max. Travel Speed	3m(Step)/6m(Servo)/min
Engraving Tool Diameter	3.175mm, 4mm, 6mm
Driving Motor	Servo motor
Power Source	AC220V±10%, 50Hz
Consumption	4.0KW
Optional Device	The fourth axis-rotary fixture
Machine Dimension	1050*1300*1620mm(41**51**64")
Machine Weight	740kg
Price	\$13,500

**Main Configuration Information**

**Max. Travel Speed:** 6m(Servo)/min

**Spindle Power:** 1.5 KW

**Machine Body:** Double column stand, cast iron built, linear guide system. German ball screw, high speed double CPU-CNC control system, SaiO2 controller, servo motor driver. 1 set of cutters(7pcs) supplied with each machine.

**CNCR-MEII-4840: High Precision Metal CNC Mould&DIE Engraving Machine**

The sturdiness and precision of the machine will satisfy the most demanding mould processes. The Z axis uses pneumatic balancing. It is suitable for injection molding, steel and copper dies.

**Main Configuration Information**

**Max. Travel Speed:** 10m(Servo)/min

4.5KW water cooled high frequency spindle, which ensures high cutting power. Movable iron casting working table, double column stand.

Linear guide system, Germany ball screw, Taiwanese controller, 380V triple phase. Imported digital AC servo motor, half enclosed.

1 set of cutters(8pcs) supplied with each machine. Specialized cutters available for hard materials.



- ◆ Z-axis with air-balance design for more smooth and steady working.
- ◆ Precise and sturdy.
- ◆ Power-off protective memory function assures restarting work in the same position after power-off.

**Specifications**



Model	MEII-4840
Working Table Size	540*435mm(21**17")
Max. Working Size	480*400*200mm(19**16**8")
Spindle Power	4.5KW water cooling
Positioning Precision	±0.02/300mm
Spindle Rate	18000r/min
Max. Travel Speed	10m/min
Engraving Tool Diameter	3.175-12mm
Driving Motor	Servo motor, half enclosed
Power Source	AC380V±10%, 50Hz
Consumption	9.0kw
Machine Dimension	1500*1500*1900mm(59**59**75")
Machine Weight	1500kg
Price	\$21,000



## CNC engraver&amp;router

B

**CNCR-SE3230: High Precise Metal CNC Mould Engraving Machine**

It is a new CNC engraving machine developed for small moulds and for working on metal.  
The machine can have multi-spindle for large-scale production.

**Main Configuration Information**

**Max. Engraving Area:** 320\*300\*100mm

**Max. Travel Speed:** 3m(Step)/min

**Spindle Power:** 800W water cooling spindle

Double column design, imported linear guide and ball screw,

USB 2.0 connector and a large internal memory, Linear guide, SaiO4 controller, step motor.

1 set of cutters(8pcs) supplied with each machine. Specialized cutters available for hard materials.



Economic



- ◆ The small mould engraver has a double column design, imported linear guide and imported ball screw. It is small, fast, sturdy and accurate.
- ◆ This CNC engraver comes with a 5.7 inch LCD display, USB memory stick, internal memory and USB communications port.
- ◆ The CNC engraving machine is easy to operate and easy to learn. You can choose speed priority or quality priority and its easy to switch between the two.
- ◆ The cutting knife goes in at an angle versus a straight line for more smooth cutting.
- ◆ The machine gives a high price to performance ratio and can be used on a broad range of applications.
- ◆ Power-off protective memory function assures restarting work in the same position after power-off.

**Specifications**

Model	CNCR-SE-3230
Working Table Size	380*360mm(15**14")
Max. Working Size	320*300*100mm(12.5**12**4")
Spindle Power	0.8KW water cooled spindle
Positioning Precision	±0.04/300mm
Spindle Rate	24000r/min
Max. Travel Speed	3m/min
Engraving Tool Dia.	3.175, 4, 6 mm
Driving Motor	Step motor
Power Supply	AC220V±10%, 50Hz
Consumption	2KW
Machine Dimension	1000*920*1360mm(39**36**53")
Machine Weight	180kg
Price	\$6,572

## CNC cutter

B

**CS-PBCM-DCZ Series Standard Paper Box Sample Cutter-With PC**

It can achieve the structural design of carton quickly, including folded, tubular and reel types, envelope packing, fixed carton and corrugated carton.

It adopts the principle of vibrating blade cutting to get any shapes and ensure the accuracy of design sample.

It has been an eye-catching product among major packaging enterprises and also well-received by them since it was launched. Furthermore, it has been a powerful tool for you to display your production and design strengths.

This carton box sample cutter is used in such factories as packing, paper box, corrugated paper box, color print, color box, absorbing plastic folding box, foam board, hard and thin boards, and laser tool.

**Functions**

**Cutting function of oscillating tool:** It can cut many different materials(Such as corrugated paper, card paper, offset paper, grey board, compound materials, gasket, leather and textile).

**Folding function:** It can fold corrugated paper, card paper and offset board into perfect folding line.

**Function of dotted line:** It is used to fold them after half cutting corrugated paper and grey card paper, and to cut dotted line.

**Location function:** Precise location with laser lamp.

**Drawing function:** It can draw various high precision drawings.

- ◆ It can cut and crease 15mm(0.59") corrugated paper.
- ◆ Fine-looking carton box sample cutter, beautifully finished.  
Easy to operate. Time-saving, labour-saving, decreases the unnecessary expense.
- ◆ High precision(error: 0.1mm(0.0039")). Saving time of the proof.  
Stability and durability.
- ◆ It adopts servo motor driving, which makes the machine has feature of high precision and low noise when it works.
- ◆ Merging proof, drawing and other multiply functions into an organic whole, which make the cutter stable, high speed and high precision.
- ◆ Equipped with oscillating blade, pen, creasing wheel and servo motor.



**H**  
High-quality

## ◆ Sample

**Specifications**(Custom making of other size of tables is also available.)

Model	CS-PBCM-DCZ-1310	CS-PBCM-DCZ-1713	CS-PBCM-DCZ-2516
Max. Cutting Area	1300*1000mm(51**39")	1700*1300mm(67**51")	2500*1600mm(98**63")
Max. Cutting Speed		1000mm(39.4")/s	
Min. Cutting Diameter		6mm(0.24")	
Max. Cutting Thickness		15mm(0.59")	
Control Line and Driver		Servo	
Positioning Precision		0.1mm(0.0039")	
Repeat Precision		≤0.1mm(0.0039")	
Instruction Format		HPGL	
Fixed Type		Vacuum absorption	
Power Support		220V±10%, 50Hz	
Software	SICCUT processing software. It supports all software that can output files of DXF, PLT format.		
Standard Equipment	Computer, vacuum pump, controlling software, 30 pcs of oscillating blades, and other accessories.		
Optional Device	Kasemake software		
Machine Dimension	1970m*1866*1260mm(78**73**50")	2370m*2190*1260mm(93**86**50")	3170*2475*1260mm(125**97**50")
Machine Weight	530kg	765kg	915kg
Price	\$30,760	\$36,900	\$43,000



## CNC cutter

B

**CS-PBCM-DCH-1209: Standard Carton Box Sample Cutter-With PC**

It is used in carton and paper box packing factory. It can cut and crease 2mm(0.0.079") card paper and E Corrugated paper.

**Functions**

**Cutting different materials:** Such as card paper, offset board, compound one.

**Folding line function:** It can press an accurate folding line on card paper and offset board.

**Half cutting and drawing dotted line:** It can cut a side of paper and dotted and folding line according to the needs of users.

**Location function:** It can accurately locate and cut the printed paper box.

**Drawing function:** It can draw an accurate figure on a paper and a film.

- ◆ Fine-looking carton box sample cutter, beautifully finished.
- ◆ Easy operation, time-saving, labor-saving, decreases the unnecessary expense
- ◆ High precision(Error: 0.02mm(0.0.00079")). Saving time of the proof. Stability and durability.
- ◆ It adopts servo motor driving, which makes the machine has feature of high precision and low noise when it works.
- ◆ Merging proof, drawing and other multiply functions into an organic whole, which makes the cutter stale, high speed and high precision.
- ◆ CAD is paired up with CAM to come to a climax of the multiply designing and processing, and to stride across more realms.
- ◆ Equipped with blade, pen, creasing wheel, and servo motor



CE

**Specifications**(Custom making of other size of tables is also available.)

Model	CS-PBCM-DCH-1209
Max. Cutting Area	1200*900mm(47**35")
Max. Cutting Speed	1000mm(39.4")/s
Min. Cutting Diameter	3mm(0.12")
Max. Cutting Thickness	2mm(0.079") card paper and E corrugated paper
Control Line and Driver	Servo
Positioning Precision	0.1mm(0.0039")
Cutting Precision	0.1mm(0.0039")
Repeat Precision	≤0.1mm(0.0039")
Instruction Format	HPGL
Fixed Type	Vacuum absorption
Power Support	220V±10%, 50Hz
Software	SICCUT processing software. It supports all software that can output files of DXF, PLT format.
Standard Equipment	Computer, vacuum pump, controlling software, 30 pcs of blades, and other accessories
Machine Dimension	1865*1770*1070mm(73**70**42")
Machine Weight	465kg
Price	\$16,600

**CS-PBCM-DCX-1209: Standard Frame Paperboard Bevel Cutter-With PC**

This paperboard cutter is used to cut frame card paper and incising of stereoscopic art word.

**Functions**

Bevel cut frame card paper, incising of stereoscopic art word.

- ◆ It is mainly used to cut frame card paper. It can cut and crease 3mm(0.12") card paper.
- ◆ Incise the angle to have 45 degree and 55 degree.
- ◆ Fine-looking carton box sample cutter, beautifully finished.
- ◆ Easy to operate. Time-saving, labour-saving, decreases the unnecessary expense.
- ◆ High precision(0.05mm(0.002")). Saving time of the proof. Stability and durability.
- ◆ It adopts servo motor driving, which makes the machine has feature of high precision and low noise when it works.

**Specifications**(Custom making of other size of tables is also available.)

Model	CS-PBCM-DCX-1209
Max. Cutting Area	1200*880mm(47**35")
Max. Cutting Speed	300mm(11.8")/s
Max. Moving Speed	500mm(19.7")/s
Max. Cutting Thickness	3mm(0.12")
Cutting Angle	45/55
Control Line and Driver	Servo
Positioning Precision	0.01mm(0.00039")
Cutting Precision	0.05mm(0.002")
Repeat Precision	≤0.1mm(0.0039")
Instruction Format	HPGL
Power Support	220v±10%, 50Hz
Software	SICCUT processing software. It supports all software that can output files of DXF, PLT format
Standard Equipment	Controlling software, blades, and other accessories
Machine Dimension	1865*1770*1070mm(73**70**42")
Machine Weight	465kg
Price	\$15,580

CE



CNC cutter



**CNCR-WJSQ Series Waterjet Cutter**

Our Waterjet Machine is UHP CNC waterjet machine with complete functions and it's independently innovated by our team based on the introduced American advanced technologies.

**It can cut almost all non-metal or metal materials except tempered glass.**

**Reference information of max. cutting thickness as following**

Aluminum: 150mm

Glass: 120mm

Steel plate: 100mm

Stainless steel: 80mm

**Main Standard Equipments**

- ✓ A High Pressure pump
- ✓ A CNC machine tool
- ✓ A cutting table
- ✓ An automatic abrasive delivery system
- ✓ A CNC controller cabinet
- ✓ A cutting head

**More information, please contact our salesman.**



◆ Sample



**Product Highlights**

- ◆ The servo drive we select YASKAWA of Japan, and the ball screw and guidway we select ABBA or HIWIN of Taiwan, and the PLC controller we select SIEMES of Germany.
- ◆ We provide a lifetime guarantee for our machine.
- ◆ Power supply for the system and its controller cabinet, can be manufactured according to the customer's needs.

**Remark:** Now the intensifier we can prepare for customer two styles

One is Accustream(now we usually use this one)

One is KMT30 (plus \$27,000 on the basis of the original price)

KMT50 (plus \$34,000 on the basis of the original price)

(If customer want KMT intensifier, the price is higher)

**Specifications**

Model	CNCR-SQ2515	CNCR-SQ3020	CNCR-SQ4020
Scope of Cutting	2500*1500mm	3000* 2000mm	4000*2000mm
Table Dimension	3000*1900mm	3500*2300mm	4500*2300mm
Form of Machine	Cantilever style		
Running Speed	0-10m/min		
Control System	AC servo system		
Control Accuracy	+/-0.002mm		
Cutting Accuracy	+/-0.1mm		
Max. Pressure	400Mpa(6000psi)		
Motor Power	30KW		
Price	\$54,000	\$58,600	\$64,000

## CNC cutter

B

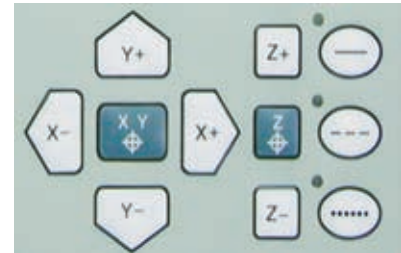
**CNCR-PM1412: CNC Specialized Foam/Plastic Cutter**

The foam cutting machine is a new machine in the foam cutting industry, and it can be used in advertising, billboards and the cast iron industry to replace wooden moulds.

- ◆ The foam/plastics cutter is a hot filament cutter, it is characterized by its optimized design, large processing scope, and simple operations.
- ◆ It uses 0.5 millimeter heating wire, which allows quicker heat releases and is extremely steady, nimble, agile, and has a high degrees of fineness.
- ◆ By using advanced computer design, instead of manually cutting, you now have automated, computer controlled cutting, resulting in much higher efficiency.
- ◆ The cutter is the hot filament cutter special for foam and plastic with fashionable design and large working table of 1850\*600mm(73\*\*23").
- ◆ By using the 0.5mm heating wire as the cutter, the foam cutter can cut the foam and plastic with smooth cutting effecton, complex shape and high efficiency.
- ◆ Large LCD screen, large working area of 1400\*1200\*500mm(55" \*47\*\*19")(X Y Z), and easy operating.
- ◆ Using advanced computerised design instead of manually cutting, the computer controller ensures high-precision cutting, large cutting range and high-efficiency.
- ◆ The foam cutting machine can be used in advertising, billboards and the cast iron industry to replace wooden moulds.
- ◆ You can also choose rotary fixture to process cylinder objects.

**Specifications**

Product Model	CNCR-PM-1412
Working Table Size	1850*600mm
Max. Cutting Size(X, Y, Z)	1400*1200*500mm
Max. Cutting Speed	1200mm/min
Wire Diameter	Ø 0.5mm
Power Source	AC220V±10% 50Hz
Driver	Stepper
Consumption	0.8KW
Manner of Receiving Data	Flash memory disk
Optional Device	Rotary fixture
Machine Dimension(W*L*H)	1960*1000*1660mm
Machine Weight	80kg
Price	\$4,569



## ◆ Sample



## Vinyl cutter

B

**Vinyl Cutter**(Also named cutting plotter) is a common device in the advertising industry, generally speaking, the vinyl cutter is a device which needs to be connected with the computer, receives the commands from the computer and be controlled by the computer.

It can make your work easier and faster for making any kinds of designs.

It can cut sticker and decal vinyl, masking film for painting or etching, vinyl lettering, decorative scrapbooking papers, card stock, stencils, magnetic sheet, sticker's signage, glass sign decals, penaflex as well as all kinds of T-shirt heat transfer media like flex, flock, Magi Cut colored paper for garments and so on.

### CPM-CUTOK DIY Series Mini Vinyl Cutter

A3 (12"), A4 (9") Model

It can be used to make stickers, paper crafts, scrap bookings, Jigsaw Puzzle DIY, 3D card modeling, stickers, cards and letters, cut gift box etc.

It is especially suitable for thick paper cutting and the best choice for store, office, school and home using.

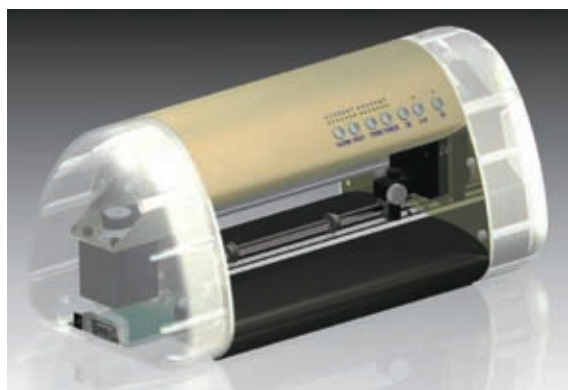
#### Media Types

Film media 0.1 mm or less in thickness. Kent paper(Inkjet or laser paper up to 300g/m2).

Drawing paper, postcards, scrapbooking paper. Inkjet photo paper(Not all types of media can be cut).

#### Product Highlights

- ◆ CPM-CUTOK vinyl cutter is a small cutting and drawing plotter with a registration mark laser on it. It has modern appearance, save more space.
- ◆ High moving precision guaranteed by the Grit-rolling.
- ◆ With the optical function, your operation will be easy and accurate.
- ◆ You can draw, cut and kiss-cut shapes around. You can cut cartoon or other Vinyl and polyester sheets for your business and hobbies.
- ◆ The cutting plotter is powered by a 16V DC adaptor.
- ◆ Equipped with CUTOK Master software, which is practical and easy operation, special designed for this machine, its main function is contour cutting, which means you can cut printed graphics along the contour.
- ◆ A Windows driver is provided and enables output from leading drawing software(e.g. CorelDraw, Adobe Illustrator CS).

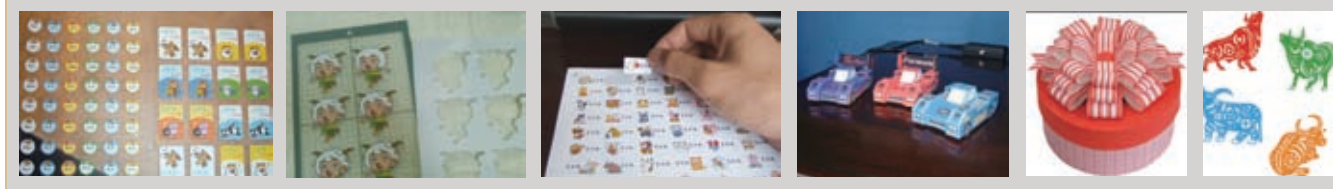


#### Specifications



Model	CPM-CUTOK-A3	CPM-CUTOK-A4
Driver	Stepper motor	Stepper motor
Max. Paper Feed Width	298mm(12")	210mm(9")
Max. Cutting Width	290mm(12")	190mm(7.5")
Max. Cutting Speed	10-280mm/s( 7 levels selectable)	
Max. Cutting Length	2000mm(79")	
Knife Press	60g to 500g(7 levels selectable)	
Mini. Size of Cutting Letter	5mm(0.2")	
Repeat Precision	0.025mm/step 1016DPI or 0.0254mm/step 1000DPI	
Interface	USB2.0	
RAM	256M	
Real Cutter Softball	Yes	
Optical Function	Yes	
Emergency Stop	No	
Power Supply	Dedicated adapter, Outputs: DC 16V 2.5A. Input: AC100V-240V, 47Hz-66Hz	
Machine Dimension	470*170*165mm(18**7**7")	380*170*165mm(15**7**7")
Machine Weight	10kg	6kg
Price	\$324	\$287

#### ◆ Sample



## Vinyl cutter

B

## CPM-RS-C Series Vinyl Cutter

This series cutting plotter can be used to cut all kinds of pictures, letters on self-adhesive vinyl or sticker and with contour cutting function.

**With optic sensor, WinPCSign plotting software(Match training CD)**

**Support CorelDraw output directly(But you need to buy a soft dog)**

**Best choice for first-time users. It is really good for your business**

## Product Highlights

- ◆ Controlled by RISC high speed processor, high speed cache.
  - ◆ Unique cutter soft impact, cutting smoothly. Slim station design save space and more flexibility.
  - ◆ Adopting the latest numerical technology, which creates a new concept of cutting.
  - ◆ Can regulate the pressure and speed at the real-time numerically. This is very convenient and fast.
  - ◆ It has a perfect output. There's no saw tooth even with high speed.
  - ◆ The cutting plotter has LCD display with English Menu. You can operate it by pressing the buttons. It's very accurate and simple.
  - ◆ The pressing wheel of the plotter is regulable, which ensures that the paper won't be out of the path when the distance is long and the length of the paper can be limitless.
- With this function, you can use the plotter to make materials for large light box.



## Specifications(Desktop type)



Model	CPM-RS-360C	CPM-RS-450C	CPM-RS-500C
Driver	Stepper motor	Stepper motor	Stepper motor
Max. Paper Feed Width	360mm(14")	450mm(18")	500mm(20")
Max. Cutting Width	260mm(10")	350mm(13.8")	400mm(15.8")
Max. Cutting Speed	600mm(23")/s	600mm(23")/s	600mm(23")/s
Max. Cutting Length	2000mm(79")	2000mm(79")	2000mm(79")
Knife Press	10-500g	10-500g	10-500g
Mini. Size of Cutting Letter	3mm(0.1")	3mm(0.1")	3mm(0.1")
Repeat Precision	0.01mm(0.0004")	0.01mm(0.0004")	0.01mm(0.0004")
Interface	USB2.0	USB2.0	USB2.0
RAM	4M	4M	4M
Real Cutter Softball	Yes	Yes	Yes
Optical Function	Yes	Yes	Yes
Emergency Stop	Yes	Yes	Yes
Power Supply	AC90V-AC230V, 50Hz-60Hz	AC90V-AC230V, 50Hz-60Hz	AC90V-AC230V, 50Hz-60Hz
Machine Dimension	520*240*220mm(20**9**8")	610*240*220mm(24**9**8")	660*240*220mm(26**9**8")
Machine Weight	8kg	9kg	11kg
Price	\$337	\$353	\$353

## Specifications(Stand type)



Model	CPM-RS-720C	CPM-RS-800C	CPM-RS-1120C	CPM-RS-1360C
Driver	Stepper motor	Stepper motor	Stepper motor	Stepper motor
Max. Paper Feed Width	720mm(28")	800mm(31")	1120mm(44")	1360mm(53")
Max. Cutting Width	630mm(25")	700mm(27")	1000mm(39")	1200mm(47")
Max. Cutting Speed	600mm(23")/s	600mm(23")/s	600mm(23")/s	600mm(23")/s
Max. Cutting Length	2000mm(79")	2000mm(79")	2000mm(79")	2000mm(79")
Knife Press	10-500g	10-500g	10-500g	10-500g
Mini. Size of Cutting Letter	3m(0.1")	3mm(0.1")	3mm(0.1")	3mm(0.1")
Repeat Precision	0.01mm(0.0004")	0.01mm(0.0004")	0.01mm(0.0004")	0.01mm(0.0004")
Interface	USB2.0	USB2.0	USB2.0	USB2.0
RAM	4M	4M	4M	4M
Real Cutter Softball	Yes	Yes	Yes	Yes
Optical Function	Yes	Yes	Yes	Yes
Emergency Stop	Yes	Yes	Yes	Yes
Power Supply	AC90V-AC230V, 50Hz-60Hz	AC90V-AC230V, 50Hz-60Hz	AC90V-AC230V, 50Hz-60Hz	AC90V-AC230V, 50Hz-60Hz
Machine Dimension	1020*310*390mm(40**12**15")	1120*310*390mm(44**12**15")	1440*310*390mm(56**12**15")	1700*330*410mm(67**12**15")
Machine Weight	17kg	19kg	23kg	28kg
Price	\$427	\$492	\$526	\$545

## Vinyl cutter

## CPM-LD-H Series Standard Vinyl Cutter

This series cutting plotter can be used to cut all kinds of pictures, letters on self-adhesive vinyl, sticker.

**With Artcut plotting software**

**Support CorelDraw output directly**

Up to 600mm(24")/cutting speed

Up to 400g cutting force



## Product Highlights

- ◆ Its appearance is luxury, which is popular with Euro-American customers.
- ◆ Large screen LCD with English Menu and function keys, USB interface.
- ◆ Our factory owns the R&D right of this cutting plotter.
- ◆ Cutting smoothly. There's no saw tooth even when high speed.
- ◆ The pressing wheels of the plotter is regulable, which ensures that the paper won't be out of the path when the distance is long and the length of the paper can be limitless. All aluminum alloy carriage, imported wheel gear, steel stick paper feeding spindle, assure high precision on paper feeding.

## Specifications

Model	CPM-LD-620H	CPM-LD-750H	CPM-LD-1000H	CPM-LD-1250H
Driver	Stepper motor	Stepper motor	Stepper motor	Stepper motor
Max. Paper Feed Width	720mm(28")	850mm(33")	1100mm(43")	1350mm(53")
Max. Cutting Width	620mm(24")	750mm(29")	1000mm(39")	1250mm(49")
Max. Cutting Speed	20-400mm(0.79"-23")/s	20-400mm(0.79"-23.6")/s	20-400mm(0.79"-23.6")/s	20-400mm(0.79"-23.6")/s
Max. Cutting Thickness	1mm(0.039")	1mm(0.039")	1mm(0.039")	1mm(0.039")
Knife Press	0-500g(Digital adjustment)	0-500g(Digital adjustment)	0-500g(Digital adjustment)	0-500g(Digital adjustment)
Repeat Precision	±0.1mm(0.0039")	±0.1mm(0.0039")	±0.1mm(0.0039")	±0.1mm(0.0039")
Interface	COM, USB	COM, USB	COM, USB	COM, USB
RAM	128K-2M	128K-2M	128K-2M	128K-2M
Real Cutter Softball	Yes	Yes	Yes	Yes
Emergency Stop	Yes	Yes	Yes	Yes
Power Supply	AC90V-AC240V 50Hz-60Hz	AC90V-AC240V 50Hz-60Hz	AC90V-AC240V 50Hz-60Hz	AC90V-AC240V 50Hz-60Hz
Machine Dimension	920*260*250mm(36"*10"*10")	1070*260*250mm(42"*10"*10")	1320*260*250mm(52"*10"*10")	1560*260*250mm(61"*10"*10")
Machine Weight	15kg	22kg	25kg	27kg
Price	\$343	\$447	\$506	\$560

## CPM-LD-1250HS: Vinyl Cutter-With Outline Cutting Function

Using advanced optic sensor, automatic 4-point tracking system to check the mark point, continuous contour cutting with high resolution.

**With our own contour cutting technology, Artcut plotting software**

**Support CorelDraw output directly(With CorelDraw Driver)**

Up to 800mm (31.5")/s cutting speed

Up to 1mm cutting thickness

## Product Highlights

- ◆ Diamond Grade Streamlined design, luxury and modern appearance. They are popular with Euro-American customers.
- ◆ Standard HPGL language format, super-speed more compatible capacity and output directly with USB.
- ◆ High moving precision guaranteed by the technology of All aluminum alloy carriage, imported wheel gear, steel stick paper feeding spindle.
- ◆ Self-owned intelligent property, easy to maintain and update.
- ◆ Single-key operation, regulate the force and speed freely.
- ◆ More excellent and professional controlling system, high precision, super-speed shares.
- ◆ Large LCD and operate naturally.



## Specifications

Model	CPM-LD-1250HS
Driver	Stepper motor
Max. Paper Feed Width	1350mm(53")
Max. Cutting Width	1250mm(49")
Max. Cutting Speed	800mm(31.5")/s
Max. Cutting Thickness	1mm(0.039")
Knife Press	0-500g(Digital adjustment)
Repeat Precision	±0.1mm(0.0039")
Interface	USB
RAM	128K-2M
Real Cutter Softball	Yes
Emergency Stop	Yes
Power Supply	AC110V/220V, 50HZ
Machine Dimension	1560*260*250mm(61"*10"*10")
Machine Weight	33kg
Price	\$1,235

## Vinyl cutter

B

## CPM-LD-DS Series High-Precision and High-Speed Vinyl Cutter

With LCD operation-Updated from CPM-LD-H model

**With Artcut plotting software**

**Support CorelDraw output directly**

Up to 800mm(31.5")/s cutting speed

Up to 500g cutting force



## Product Highlights

- ◆ It has all features of CPM-LD-H model, but its equipment is higher, Max. Cutting speed is more fast, three CPU control.
- ◆ Streamlined design, luxury and modern appearance. They are popular with Euro-American customers.
- ◆ All aluminum alloy carriage, imported wheel gear, steel stick paper feeding spindle, assure high precision on paper feeding.
- ◆ Single-key operation, regulate the force and speed freely.
- ◆ More excellent and professional controlling system, sharing the high precision and high speed, the cutting speed of common cutting plotter is usually 400mm/s(15.7"), but this cutting plotter's Max. Cutting speed can be up to 800mm(31.5")/s.
- ◆ Our factory owns the R&D right of this cutting plotter.

## Specifications



Model	CPM-LD-620DS	CPM-LD-750DS	CPM-LD-1000DS	CPM-LD-1250DS
Driver	Stepper motor	Stepper motor	Stepper motor	Stepper motor
Max. Paper Feed Width	720mm(28.3")	850mm(33.5")	1100mm(43")	1350mm(53")
Max. Cutting Width	620mm(24.4")	750mm(29.5")	1000mm(39")	1250mm(49")
Max. Cutting Speed	800mm(31.5")/s	800mm(31.5")/s	800mm(31.5")/s	800mm(31.5")/s
Max. Cutting Thickness	1mm(0.039")	1mm(0.039")	1mm(0.039")	1mm(0.039")
Knife Press	0-500g(Digital adjustment)	0-500g(Digital adjustment)	0-500g(Digital adjustment)	0-500g(Digital adjustment)
Repeat Precision	±0.1mm(0.0039")	±0.1mm(0.0039")	±0.1mm(0.0039")	±0.1mm(0.0039")
Interface	COM, USB2.0	COM, USB2.0	COM, USB2.0	COM, USB2.0
RAM	128K-2M	128K-2M	128K-2M	128K-2M
Real Cutter Softball	Yes	Yes	Yes	Yes
Emergency Stop	Yes	Yes	Yes	Yes
Power Supply	AC90V-AC240V, 50Hz-60Hz	AC90V-AC240V, 50Hz-60Hz	AC90V-AC240V, 50Hz-60Hz	AC90V-AC240V, 50Hz-60Hz
Machine Dimension	920*260*250mm(36**10**10")	1070*260*250mm(42**10**10")	1320*260*250mm(52**10**10")	1560*260*250mm(61**10**10")
Machine Weight	20kg	24kg	27kg	30kg
Price	\$431	\$474	\$624	\$713

## CPM-LD-1250SC: Vinyl Cutter-Special for Reflecting Film

Specially designed for diamond grade reflecting film cutting

**With Artcut plotting software**

**Support CorelDraw output directly(With CorelDraw Driver)**

Up to 800g cutting force

Up to 800mm(31.5")/s cutting speed

## Product Highlights

- ◆ Diamond Grade Streamlined design, luxury and modern appearance.
- ◆ Standard HPGL language format, super-speed more compatible capacity and output directly with USB.
- ◆ High moving precision guaranteed by the technology of Japan in making steel sting roller.
- ◆ Single-key operation, regulate the force and speed freely.
- ◆ More excellent and professional controlling system, high precision, super-speed shares.
- ◆ Independence intelligence property rights, upgrade and maintain conveniently.
- ◆ Large LCD and operate naturally.
- ◆ Super-pressure can cut 3m super thickness and diamond grade reflecting film easily.



## Specifications



Model	CPM-LD-1250SC
Driver	Stepper motor
Max. Paper Feed Width	1350mm(53")
Max. Cutting Width	1250mm(49")
Max. Cutting Speed	800mm(31.5")/s
Max. Cutting Thickness	1mm(0.039")
Knife Press	0-500g(Digital adjustment)
Repeat Precision	±0.1mm(0.0039")
Interface	COM, USB
RAM	128K-2M
Real Cutter Softball	Yes
Emergency Stop	Yes
Power Supply	AC110V/220V, 50Hz/60Hz
Machine Dimension	1560*260*250mm(61**10**10")
Machine Weight	33kg
Price	\$2,115

## Engraving auxiliary device

### CW-3000: Laser Specialized General Water Chiller

- ◆ It is designed for cooling the laser tube under 80W of the laser engraving and cutting machine.
- ◆ CW-3000 laser water chiller, comprehensive reference to the international radiator-type cooling system, is suitable for small water cooling device.
- ◆ Forces circulation. 9 L cooling tank capacity.
- ◆ It can extend the using life of laser tube and ensure the engraving effect better.
- ◆ Specific disconnection alarm securing protection.
- ◆ Enclosed water tanks, water used for a long time.
- ◆ Professional forced air-cooled radiator, high heat dissipating capacity and not easy to be blocked.
- ◆ Equipped with alarm output port, can quickly protect sensitive components.
- ◆ High cost performance, low failure rate.

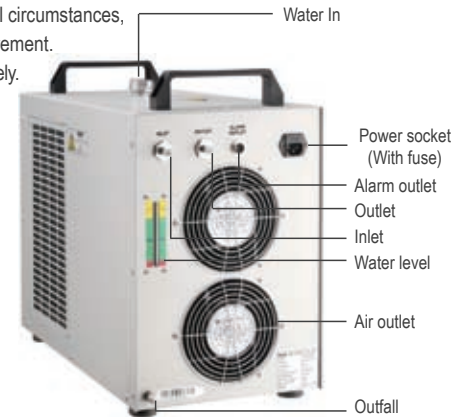
#### Specifications

Model	CW-3000
Power Supply	110V-240VAC, 50/60 Hz
Power Consumption	140VA
Tank Capacity	9L
Cooling	Radiator that forces the wind cooling
Amount of Cooling	50W
Way of Circulation	Water pump forces circulation
Max. Current Capacity	10L/min
Max. Pumping Lift	10m
Diameter of Input and Output	Outside Dia.: 10mm
Machine Dimension	470*262*373mm
Machine Weight	10kg
Price	\$204



### CW-5000: Laser Specialized Water Chiller Plus

- ◆ It is suitable for cooling the laser tube under 150W, and the temperature can be adjusted precisely.
- ◆ You can choose different models according to local voltage and frequency.
- ◆ It can extend the using life of laser tube and ensure the engraving effect better.
- ◆ This series of water chillers adopt intelligent controller, which need not adjust the control parameters under normal circumstances, it will automatically adjust control parameters according to room temperature changes, to meet the cooling requirement.
- ◆ CW-5000 water chiller has unique low flow alarm protection function, which ensures the cooling water cycle working safely.
- ◆ Specific disconnection alarm securing protection.
- ◆ Enclosed water tanks, water used for a long time.
- ◆ Equipped with alarm output port, can quickly protect sensitive components.
- ◆ High cost performance, low failure rate.



#### Specifications

Model	CW-5000AG	CW-5000BG	CW-5000DG
Voltage	AC220-240V	AC208-230V	AC110V
Frequency	50Hz	60Hz	50/60Hz
Current	1.4~2.1A	1.4~2.1A	3.5~5.6A
Tank Capacity	6L	6L	6L
Cooling Capacity	2361Btu/h	2999Btu/h	2866Btu/h
Refrigerants	R-134a	R-134a	R-134a
Charge Amount	340g	340g	280g
Max. Pump Lift	10m	10m	10m
Input and Output	Outside Dia.: 10mm	Outside Dia.: 10mm	Outside Dia.: 10mm
Machine Dimension	55*28*43cm	55*28*43cm	55*28*43cm
Machine Weight	31kg	31kg	31kg
Price	\$460	\$500	\$500



## Engraving auxiliary device

B

**CW-5200: Laser Specialized Water Chiller Plus**

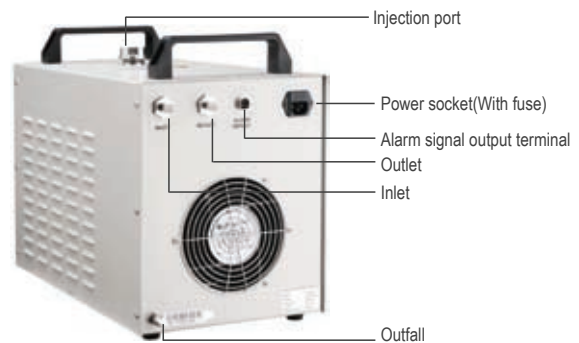
- ◆ It is suitable for cooling double laser tubes under 150W, and the temperature can be adjusted precisely.
- ◆ This series of water chillers adopt intelligent controller, which need not adjust the control parameters under normal circumstances, it will automatically adjust control parameters according to room temperature changes, to meet the cooling requirements.
- ◆ CW-5000 water chiller has unique low flow alarm protection function, which ensures the cooling water cycle working safely.
- ◆ You can choose different models according to local voltage and frequency.
- ◆ It can extend the using life of laser tube and ensure the engraving effect better.
- ◆ Specific disconnection alarm securing protection.
- ◆ Enclosed water tanks, water used for a long time.
- ◆ Equipped with alarm output port, can quickly protect sensitive components.
- ◆ High cost performance, low failure rate.

**Specifications**

Model	CW-5200AG	CW-5200BG	CW-5200DG
Voltage	AC220~240V	AC208~230V	AC110V
Frequency	50Hz	60Hz	60Hz
Current	2.4~3.1A	2.6~3.3A	4.5~6.5A
Tank Capacity	6L	6L	6L
Cooling Capacity	5084Btu/h	6295Btu/h	5186Btu/h
Refrigerants	R-22	R-22	R-22
Charge Amount	340g	340g	350g
Max. Pump Lift	10m	10m	10m
Input and Output	Outside Dia.: 10mm	Outside Dia.: 10mm	Outside Dia.: 10mm
Machine Dimension	55*28*43cm	55*28*43cm	55*28*43cm
Machine Weight	31kg	31kg	31kg
Price	\$523	\$544	\$544

**CW-3000H: Spindle Specialized Water Chiller**

- ◆ It is designed for cooling the spindle of the CNC engraving machine.
- ◆ You can choose different models according to local voltage and frequency.
- ◆ CW-3000H water chiller, comprehensive reference to the international radiator-type cooling system, is suitable for small water cooling device.
- ◆ Specific disconnection alarm securing protection.
- ◆ Enclosed water tanks, water used for a long time.
- ◆ Professional forced air-cooled radiator, high heat dissipating capacity and not easy to be blocked.
- ◆ Equipped with alarm output port, can quickly protect sensitive components.
- ◆ High cost performance, low failure rate.

**Specifications**

Model	CW-3000H
Power supply	AC100~120V/AC220~240V, 50/60Hz
Current	0.4~0.9A
Tank Capacity	9 L
Cooling	Radiator that forces
Amount of Cooling	70W
Way of Circulation	Forces circulation
Max. Current Capacity	1 LPM
Max. Pumping Lift	100m
Input and Output	Dia.: 6mm
Machine Dimension	470*270*370mm
Machine Weight	12kg
Price	\$242

## Engraving auxiliary device

**CW-5000: Spindle Specialized Water Chiller Plus**

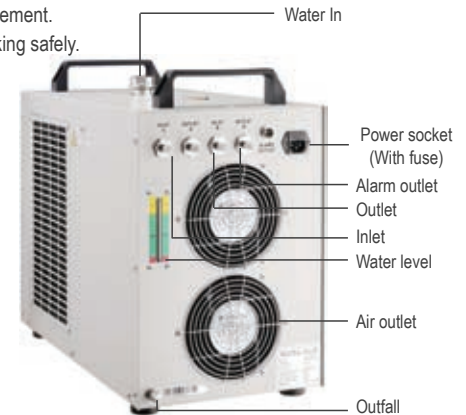
- ◆ It is designed for cooling the spindle of the CNC engraving machine.
- ◆ You can choose different model according to local voltage and frequency.
- ◆ This series of water chillers adopt intelligent controller, which need not adjust the control parameters under normal circumstances, it will automatically adjust control parameters according to room temperature changes, to meet the cooling requirement.
- ◆ CW-5000 water chiller has unique low flow alarm protection function, which ensures the cooling water cycle working safely.
- ◆ Specific disconnection alarm securing protection.
- ◆ Enclosed water tanks, water used for a long time.
- ◆ Equipped with alarm output port, can quickly protect sensitive components.
- ◆ High cost performance, low failure rate.

**Specifications**

Model	CW-5000AK	CW-5000BK	CW-5000DK
Voltage	AC220~240V	AC208~230V	AC100-110V
Frequency	50Hz	60Hz	50/60Hz
Current	1.4~2.1A	1.4~2.1A	3.5~5.6A
Tank Capacity	6L	6L	6L
Cooling Capacity	2361Btu/h	2999Btu/h	2866Btu/h
Refrigerants	R-134a	R-134a	R-134a
Charge Amount	340g	340g	280g
Max. Pumping Lift	100m	100m	100m
Input and Output	Dia.: 8mm	Dia.: 8mm	Dia.: 8mm
Machine Dimension	55*28*43cm	55*28*43cm	55*28*43cm
Machine Weight	31kg	31kg	31kg
Price	\$460	\$500	\$500

**CW-5200: Spindle Specialized Water Chiller Plus**

- ◆ It is designed for cooling the spindle of the CNC engraving machine.
- ◆ This series of water chillers adopt intelligent controller, which need not adjust the control parameters under normal circumstances, it will automatically adjust control parameters according to room temperature changes, to meet the cooling requirement.
- ◆ CW-5200 water chiller has unique low flow alarm protection function, which ensures the cooling water cycle working safely.
- ◆ You can choose different model according to local voltage and frequency.
- ◆ Specific disconnection alarm securing protection.
- ◆ Enclosed water tanks, water used for a long time.
- ◆ Equipped with alarm output port, can quickly protect sensitive components.
- ◆ High cost performance, low failure rate.

**Specifications**

Model	CW-5200AK	CW-5200BK	CW-5200DK
Voltage	AC220~240V	AC208~230V	AC100-110V
Frequency	50Hz	60Hz	50/60Hz
Current	2.4~3.1A	2.6~3.3A	4.5~6.5A
Tank Capacity	6L	6L	6L
Cooling Capacity	5084Btu/h	6295Btu/h	5186Btu/h
Refrigerants	R-22	R-22	R-22
Charge Amount	340g	340g	350g
Max. Pumping Lift	10m	10m	10m
Input and Output	Dia.: 8mm	Dia.: 8mm	Dia.: 8mm
Machine Dimension	55*28*43cm	55*28*43cm	55*28*43cm
Machine Weight	31kg	31kg	31kg
Price	\$565	\$606	\$606

## Engraving auxiliary device

B

**ECG-GD-U2: Universal Cutter Grinder**

- ◆ For grinding HSS and carbide engraving cutter as well as single lip or multiple lip cutters of various shapes such as radius cutters or negative taper angle of cutters.
- ◆ The universal index head is provided at 24 positions so that any particular angle of shape can be obtained.
- ◆ Max capacity of collets:  $\Phi 20\text{mm}$
- ◆ Free 3600 or 100 rotation is allowed for grinding End Mills Twist Drill Lathe Tools, only replace the attachment to the index head without any complex setup.

**Twist drill grinding attachment**  $\Phi 3\text{-}8\text{mm}$

**END mill grinding attachment**  $\Phi 3\text{-}16\text{mm}$

**Specifications**

Technical Parameter		Standard Accessories	
Item	Specification	Item	Qty.
Max Collet Capacity	$\Phi 16\text{mm}$	Diamond Wheel Dresser	1 set
Max. Grinding Dia.	$\Phi 20\text{mm}$	Collets	4/6/8mm
Taper Angle	0~ 180 degree	Wrench Spanner Set	1 set
Relief Angle	0~ 45 degree	Grinding Wheel, PA100#	1pc
Negative Angle	0~ 26 degree	Wheel Mount	1pc
Grinding Spindle	5200 r.p.m.	Aligning Finger	1pc
Cup Grinding Wheel	100*50*20mm	Lock Pin	1pc
Motor	1/3HP, 110V/220V, 50/60Hz	Lamp	1pc
Machine Weight	50kg	User Manu	1pc
Machine Dimensions	45*40*35cm	END mill grinding attachment	Optional
Price	\$520	Twist drill grinding attachment	

**ECG-GD-U3: Universal Cutter Grinder**

- ◆ For grinding HSS and carbide engraving cutter as well as single lip or multiple lip cutters of various shapes such as radius cutters or negative taper angle of cutters.
- ◆ Max. collet capacity:  $\Phi 25\text{mm}$
- ◆ The universal index head is provided at 24 positions so that any particular angle of shape can be obtained.
- ◆ Free 3600 or 100 rotation is allowed for grinding End Mills Twist Drill Lathe Tools, only replace the attachment to the index head without any complex setup.

**END mill grinding attachment**

**Twist drill grinding attachment**

**Lathe tool grinding attachment**

**Specifications**

Model	ECG-GD-U3	Accessories	Qty
Max. Collet Capacity	$\Phi 25\text{mm}$	Diamond wheel dresser	1pc
Max. Grinding Dia.	$\Phi 25\text{mm}$	Collets five :4/6/8/10/12mm(or inch)	3pc
Taper Angle	0-180 degree	Wrench spanner set	1pc
Relief Angle	0-45 degree	Grinding wheel	1pc
Negative Angle	0-52 degree	Wheel mount	1pc
Grinding Spindle	5200 r.p.m.	Aligning finger	1pc
Cup Grinding Wheel	100*35*20mm	Lock pin	1pc
Motor	1/3HP 110V/220V, 50/60Hz	Drive belt	1pc
Machine Weight	50kg	Lamp	1pc
Machine Dimensions	45*40*35cm	User Manu	1pc
Price	\$630	END mill grinding attachment t	Optional
		Twist drill grinding attachment	
		Lathe tool grinding attachment	

## Acrylic finishing machine

It is designed by our scientific researcher under the heat expert personal guidance, and uses the principle of digital computer vacuum frequency conversion control and suction pressure.

### Analysis of the Advertising Acrylic Suction Products Market

Acrylic vacuum machine(Also called Plastics Absorbing Equipment) is the most profitable equipment in advertising industry. Our Product can be applied to the advertising enterprises that are specialized in processing and manufacturing. Using acrylic vacuum machines, you can make acrylic suction model product. The most typical application is light box at the door head and logo signs in McDonald's and KFC. Right, it is made from acrylic vacuum machine. Blister Light Box has features of high three-dimension effect, high transmittance(Can up to 95%), resistance heat and cold, environmental protection, anticorrosion, long time for outdoor using, which can be up to 8-15 years.



#### Application Area of Acrylic products

- Advertising signs, chain logos
- Store name, store mark, price label
- Outdoor beams advertising, chapter advertising
- Space formula promotional advertising

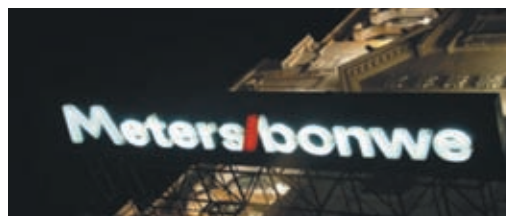


### Analysis of Investment of Acrylic Vacuum Machine

**Investment:** According to your personal state, you need to invest about \$6,000-\$35,000.

**The Cost Involved In:** Acrylic board, mould, acrylic vacuum machine, lamps and lanterns, electricity fee, pay for your worker, rent and so on.

**Make Profits:** Combined costs of above mentioned is compare with the producing capacity, usually, you can recover the investment or begin to make profits one month later.



### Promotion Strategy

- ◆ With your business development, maybe you have had certain old customers, they want to attain acrylic suction model product, and this is a good choice for you to buy an acrylic vacuum machine to extend your business.
- ◆ Develop new business field, locating a certain industry, such as financial, telecom.
- ◆ Develop your own deputy: To give a reasonable profit margin, using the customer resources of your deputy, partners will become competitors.

## Acrylic finishing machine

B

**AVM-SB Series Semi-auto CNC Acrylic Vacuum Blowing Machine**

Can process different kinds of acrylic, PC, PVC, PE and some other material which can become soft after heating.



- ◆ Pneumatic switch. Separate heating box, saving electric.
- ◆ Rack Balancing system, movement making system.
- ◆ Thermocycling fan, digital temperature control system.
- ◆ Hydraulic system, vacuum meter, auto-alarm system.
- ◆ Movable clamp, no rejection, working table are made of steel.
- ◆ You can choose your favorite color among red, blue and grey.
- ◆ Edge milling machine for free with the machine.

## ◆ Sample

**Specifications**

Model	AVM-SB-3200A	AVM-SB-2600A	AVM-SB-1600A
Max. Working Area	3000*2000mm	2400*1200mm	1400*1200mm
Max. Depth	300mm	250mm	250mm
Machine Weight	3T	2.8T	2.2T
Hydraulic Pressure	1T-20T	1T-20T	1T-20T
Max. Sheet Thickness	20mm	20mm	20mm
Temperature	0-300℃	0-300℃	0-300℃
Voltage	380V, 50Hz	220V, 50Hz/380V, 50Hz(Optional)	
Max. Heating Power	18KW	9KW	6KW
Machine Dimension	3200*2200*2700mm	2600*1400*2400mm	1700*1400*2300mm
Machine Weight	3000kg	2800kg	2200kg
Price	\$7,776	\$6,480	\$5,832

## Acrylic finishing machine

B

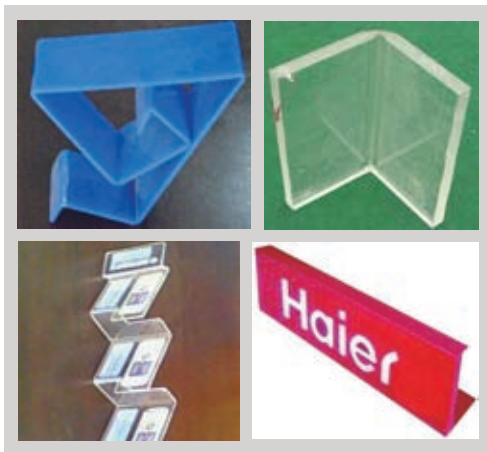
### ABM-SB Series Acrylic bending machine

Suitable for bending nonmetal materials, such as acrylic, PVC, PE, PS, ABS, PP., etc.

- ◆ Function of Manual, Automatical and CNC operation.
- ◆ Automatic bending sheet in schedule time.
- ◆ Softening crevice can be adjust according to the thickness of plate.
- ◆ Fixed heating plate, avoiding deformation.
- ◆ Infrared heating which can prolong working life than furnace hot filament.
- ◆ Temperature and working voltage can be adjusted according to the material and thickness.
- ◆ Water circulation protecting configuration. Overheating temperature alarm to ensure the safety.
- ◆ Leakage current, protection equipment.



- ◆ **Bending Thickness from:** 0.8mm-6.00mm(No need to cut a slot on the sheet)  
6.00mm-20.00mm(Need to cut a slot on the sheet)



#### Specifications

Model	ABM-SB-1200A	ABM-SB-1800A	ABM-SB-2400A
Angle	30°-180°(0-180° for option)	30°-180°(0-180° for option)	30°-180°(0-180° for option)
Bending Thickness	0.8mm-20mm	0.8mm-20mm	0.8mm-20mm
Working Length	1200mm	1800mm	2400mm
Power	6KW(Working power 2Kw)	6KW(Working power 2Kw)	7.5KW(Working power 2.5Kw)
Machine Dimension	1680*440*1100mm	2280*440*1100mm	2800*440*1100mm
Machine Weight	140kg	170kg	220kg
Price	\$2,718	\$2,930	\$3,354

### APM-H100: Acrylic Polishing Machine

- ◆ Light weight, Energy saving
- ◆ Environmental friendly, Safe and reliable
- ◆ Oxy-hydrogen Generator APM-H100 is a classical acrylic polishing machine
- ◆ Its electrolyzer adopts series and parallel compound technique, which makes the electrolysis more efficient.
- ◆ APM-H100 is environmental friendly, safe and reliable with low energy consumption.

#### Specifications

Model	APM-H100
Input Voltage	AC220V
Rated Output gas(l/h)	≥95
Operation Gas Pressure(MPa)	0.08-0.13
Ambient Temperature	-10°C-40°C
Flame Temperature	≥2800°C
Water Consumption(l/h)	0.03
Electrolyzing Case No.	Single/Double
Flame Gun No.	Single/Double
price	\$231 Single gun \$260 Double guns



## Cutting self-adhesive vinyl

B

**Application:** These products are used to stick to acrylic plate, soft signboard cloth, glass, painted metal plate, and other boards. And they can also be used to computer graphic, lettering, cutting and plotting.

**ALmost all series have two styles:** Opaque and matte.



G-3015	G-3037	G-3003	G-3020	G-3201
M-3178	M-3157	M-3173	M-3150	M-3361
G-3017	G-3039	G-3004	G-3090	G-3201
M-3151	M-3156	M-3174	M-3195	M-3362
G-3013	G-3016	G-3005	G-3036	G-3203
N-3152	M-3146	M-3175	M-3166	M-3363
G-3013	G-3018	G-3029	G-3043	G-3206
N-3152	M-3148	M-3170	M-3185	M-3366
G-3012	G-3025	G-3006	G-3031	G-3207
M-3142	M-3179	M-3177	M-3172	M-3367
G-3014	G-3041	G-3007	G-3022	G-3208
M-3144	M-3161	M-3181	M-3176	M-3368
G-3019	G-3034	G-3028	G-3145	G-3209
M-3147	M-3164	M-3158	M-3137	M-3369
G-3011	G-3023	G-3030	G-3098	G-3210
M-3180	M-3169	M-3160	M-3197	M-3370
G-3027	G-3001	G-3091	G-3087	G-3211
M-3149	M-3167	M-3196	M-3193	M-3371
G-3021	G-3026	G-3032	G-3089	G-3213
M-3182	M-3156	M-3162	M-3194	M-3372
G-3033	G-3024	G-3008	G-3088	G-3213
M-3153	M-3154	M-3163	M-3199	M-3373
G-3035	G-3002	G-3009	G-3038	G-3216
M-3155	M-3165	M-3183	M-3168	M-3376


















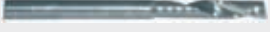



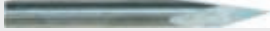



Name	Model	Size	Color	Price
<b>Self Adhesive Vinyl</b> (Indoor)	SAV-T2001A-T2036A	45cm*15Y	about 36 kinds of color	5.57\$/Roll
	SAV-T2001HA-T2036HA	45cm*15Y	about 36 kinds of color	5.57\$/Roll
	SAV-T2001B-T2036B	60cm*10Y	about 36 kinds of color	5.19\$/Roll
	SAV-T2001HB-T2036HB	60cm*10Y	about 36 kinds of color	5.19\$/Roll
<b>Self Adhesive Vinyl</b> (Outdoor)	SAV-T2301-T2336	106cm*50Y	about 36 kinds of color	46.38\$/Roll
	SAV-T2301H-T2336H	106cm*50Y	about 36 kinds of color	46.38\$/Roll
	SAV-T2201-T2224	120cm*50Y	about 24 kinds of color	57.51\$/Roll
	SAV-T2201H-T2224H	120cm*50Y	about 24 kinds of color	57.51\$/Roll
<b>Translucent Self Adhesive Vinyl</b> (Outdoor)	SAV-T3001-T3025	120cm*50Y	about 25 kinds of color	57.51\$/Roll
<b>Golden Self Adhesive Vinyl</b> (Indoor)	SAV-T3701A-T3703A	50cm*10M	about 3 kinds of color	8.35\$/Roll
	SAV-T3701B-T3703B	100cm*30M	about 3 kinds of color	50.09\$/Roll
<b>Special Self Adhesive Vinyl</b> (Outdoor)	SAV-T3801-T3805	122cm*50Y	about 5 kinds of color	83.48\$/Roll
	SAV-T3501-T3509	120cm*50Y	about 9 kinds of color	83.48\$/Roll
<b>Fluorescence Self Adhesive Vinyl</b> (Outdoor)	SAV-T3601-T3603	100cm*30M	about 3 kinds of color	70.49\$/Roll
<b>Self Adhesive Vinyl</b> (Indoor)	SAV-F201-F212	106cm*45Y	about 12 kinds of color	31.54\$/Roll
	SAV-F201H-F212H	106cm*45Y	about 12 kinds of color	31.54\$/Roll
	SAV-F1301A-F1311A	45cm*10M	about 11 kinds of color	3.34\$/Roll
	SAV-F1301B-F1311B	60cm*10Y	about 11 kinds of color	3.90\$/Roll
	SAV-F3001-F3010	120cm*45Y	about 10 kinds of color	42.67\$/Roll
	SAV-P6110A-P6024A	45cm*11Y	about 24 kinds of color	3.04\$/Roll
	SAV-P6110B-P6024B	60cm*10Y	about 24 kinds of color	4.45\$/Roll
<b>Self Adhesive Vinyl</b> (Outdoor)	SAV-P8001H-P8024H	106cm*45Y	about 24 kinds of color	44.52\$/Roll
<b>Translucent Self Adhesive Vinyl</b> (Outdoor)	SAV-P5001-P5006	152cm*45Y	about 6 kinds of color	59.36\$/Roll
	SAV-P7001-P7012	122cm*45Y	about 12 kinds of color	51.94\$/Roll
	SAV-P9001-P9024	122cm*45Y	about 24 kinds of color	51.94\$/Roll

## Engraving bits

We offer a variety of engraving tools now. These engraving tools we supplied are designed for computer engraving machine, high precision engraving machine, which are small in shank diameter, and high in processing precision engraving tools.

These engraving tools are widely used in field of mound processing, industry manufacture, electronics, craft, furniture, woodworking, and advertising making. These tools can process metals, plastics, acrylics, resin, ply board, MDF, other woods and so on. Meanwhile, we can offer special engraving tool as your requirements.

### Specifications

Pictures	Name	Processing Materials and Features
	One Flute Spiral Sharp Bits	Stainless steel, mould steel, aluminum, brass, hardwood
	Solid Carbide Ball End Mills	Cast iron, carbon steel and hardened steel
	Corner Radius End Mills	Cast iron, carbon steel and hardened steel
	Six Flat Flute End Mills	Cast iron, carbon steel and hardened steel
	Two Flute End Mills For Aluminum	Cast iron, carbon steel and hardened steel
	Four Flat End Mills Long SHK	Cast iron, carbon steel and hardened steel
	Four Flat Flute End Mills	Cast iron, carbon steel and hardened steel
	Two Flat Flute End Mills	Cast iron, carbon steel and hardened steel
	One Flute Compression Cutters	PVC, Cotton rose board, the side from the top to bottom superficial burr-free
	Classical Ogee Bits	Lace inverted-processing, can be designated for the customer
	Cleaning Bottom Bits	Milling-large table and large sculpture
	PCB End Mills	High density board, solid wood, hardwood, PCB
	Two Straight Flute Bits	Multilayer PCB, plywood, MDF
	Two Large Flute Spiral Bits	MDF, PVC, Cotton rose board
	Two Flute Spiral Bits	Acrylic, MDF, PVC
	One Flute Down Cut Spiral Bits	Clamping plank, MDF cutting, ALICE DONT board
	One Flute Spiral Bit for Aluminum	Aluminum cutting, non-stick, sword
	One Flute Spiral Bits	Acrylic, PVC, cotton rose board, MDF, plastics
	Half Straight Cutter	ABS, acrylic, IC, card for cutting and engraving
	Radiused Bottom Bits	Acrylic, hardwood, aluminum, steel
	3D Engraving Bits	Acrylic, hardwood, aluminum, steel
	Pyramid Tools	Aluminum, stainless steel, steel, fine jade carving
	Two Straight Flute Engraving Bits	Steel, stainless, hardwood, gradient cut off
	One Straight Flute Bits	Aluminum, stainless steel, steel, brass
	Flat Bottom Engraving Bits	ABS, Acrylic, MDF, PVC, plate sculpture cutting, relief rough



## Engraving bits

B

## Diamond Tools

Pictures	Name	Processing Materials and Features
	Diamond Flat Bottom Engraving Bits	Good For: Acrylic, aluminum, brass, marble Features: Boast of high precision and good smooth finish
	Diamond Four Face Engraving Tools	Good for: Marble, hardwood for engraving
	Diamond V Cutters	Good For: Acrylic, MDF, aluminum, brass, marble Features: Boast of high precision and good smooth finish
	Diamond Half Straight Cutter	Good for: Acrylic, PC board ,PMMA, MDF, aluminum, brass, hardwood Features: Boast of high precision and good smooth finish
	Diamond Radius Bottom Engraving Bits	Acrylic, hardwood, brass, aluminum, marble relief sculpture engraving
	Diamond Router Bits	Shaving board, MDF, aluminum board, hardwood, acrylic Features: Boast of high precision and good smooth finish

## Recommended Engraving Tools

**One Flute Spiral Bits:** Designed with spiral cutting chute of high capacity and mirror-like tool grinders, and equipped with ultra-micron tungsten steel bits, this style of cutters is of great use in the high efficient mass production of such materials as acrylic, PVC, plastics, soft wood and MDF. In addition, it is really a kind of environment-friendly carving tools as it guarantees a non-stick, smokeless, smellless and muting processing.

**Two Large Flute Spiral Bits:** This model of cutting tool is especially suitable for the mid-low density board processing, it has the characteristics for the escape of chips well, not black knife, not burning the board, the processing efficiency higher.

**One Flute Spiral Bits for Aluminum:** This kind of tools are most useful to cut various kinds of aluminum plates, and can guarantee a non-stick, high efficient cutting process while the carving machine is rotating at a high speed.

**Two Straight Flute Bit:** The straight flute milling cutter is different from the spiral bits in escape of chips performance and the milling effect. It can process the density board, the clamping plank, the shaving board, each kind composite plank, as well as Product which has no processing effect in spiral bits. Once it will be a very good cost-effective cutting tool.

**3D Engraving Bits:** High precision, hard wearing, it is designed with real double edges, single whole tungsten steels and stainless steel shanks and tips cut by digital controlled tool grinders.

**Plotter Blades:** We provide you with kinds of plotter blades, such as Roland, Pcut.

Depending on market demand, we will provide you with a variety of price points and quality of the tool. Below are four grades of engraving tool.

**AA Series**

- ◆ Be made from Germany K55UF ultra-micron tungsten steel
- ◆ It's a kind of precise engraving tools with high quality.
- ◆ Featuring hardness of 94 HRC and super resistance to bend, its resistance to rub and stability are superior to other solid carbide materials.
- ◆ Because of the high cost of the materials, the longest SHK of this series is 6mm. With the patent polishing process; the cutting tools are very sharp.
- ◆ Engraving tools are excellent in engraving aluminum, stainless steel, steel.
- ◆ Mills are excellent in processing rate and quality among acrylic, MDF and aluminum.
- ◆ AA series is the top engraving tools consequent to A series after great investment and three years' design, development and improvement.

Its quality is superior to European and American ones.

**A Series**

- ◆ Adopting K200 Micro grain solid carbide
- ◆ A series is a kind of cutting tools targeted at low-cost high-quality, customers who have used these tools are all amazed by its high efficiency and high benefits.

**N Series**

- ◆ N series is a kind of popular engraving tools adopts K10 micro grain solid carbide.
- ◆ Put out by our company in the early days. With engraving measurement and outstanding sales achievements, its excellent quality and low price meet the engraving need of most customers.

**Diamond Series**

- ◆ Diamond engraving tools are designed and developed to cut metal, such as aluminum, brass, steel, acrylic and marble.
- ◆ The price is competitive higher than other cutters.

If you need detailed information of engraving tools, please refer to our website.

Glue&advertising nail



**Stand-off Series**

- ◆ Aluminum alloy material
- ◆ Full range of specifications
- ◆ Convenient and durable
- ◆ Kinds of colors, such as golden, silver, green, purple, blue, black, etc
- ◆ Available for fixing crystal light box, crystal handicraft, glass wares, etc

**Stand-off specification instructions**

**Example**



**Model: CS-AN-12.5-13**

**Size:**  $\phi$ 12.5\*13mm  
**Material:** Aluminum Alloy  
**Price:** \$0.40/set



12.5  $\phi$

**Model: CS-AN-12.5-13**

**Size:**  $\phi$ 12.5\*13mm  
**Material:** Aluminum Alloy  
**MOQ:** 500pcs  
**Price:** \$0.51/set



**Model: CS-AN-12.5-19**

**Size:**  $\phi$ 12.5\*19mm  
**Material:** Aluminum Alloy  
**MOQ:** 500pcs  
**Price:** \$0.58/set



**Model: CS-AN-12.5-25**

**Size:**  $\phi$ 12.5\*25mm  
**Material:** Aluminum Alloy  
**MOQ:** 500pcs  
**Price:** \$0.67/set



16  $\phi$

**Model: CS-AN-16-13**

**Size:**  $\phi$ 16\*13mm  
**Material:** Aluminum Alloy  
**MOQ:** 500pcs  
**Price:** \$0.58/set



**Model: CS-AN-16-19**

**Size:**  $\phi$ 16\*19mm  
**Material:** Aluminum Alloy  
**MOQ:** 500pcs  
**Price:** \$0.67/set



**Model: CS-AN-16-25**

**Size:**  $\phi$ 16\*25mm  
**Material:** Aluminum Alloy  
**MOQ:** 500pcs  
**Price:** \$0.73/set



19  $\phi$

**Model: CS-AN-19-13**

**Size:**  $\phi$ 19\*13mm  
**Material:** Aluminum Alloy  
**MOQ:** 500pcs  
**Price:** \$0.73/set



**Model: CS-AN-19-19**

**Size:**  $\phi$ 19\*19mm  
**Material:** Aluminum Alloy  
**MOQ:** 500pcs  
**Price:** \$0.79/set



**Model: CS-AN-19-25**

**Size:**  $\phi$ 19\*25mm  
**Material:** Aluminum Alloy  
**MOQ:** 500pcs  
**Price:** \$0.88/set



8  $\phi$

**Model: CS-AN-8-74**

**Size:**  $\phi$ 8\*74mm  
**Material:** Aluminum Alloy  
**MOQ:** 500pcs  
**Price:** \$0.58/set



**Model: CS-AN-8-100**

**Size:**  $\phi$ 8\*100mm  
**Material:** Aluminum Alloy  
**MOQ:** 500pcs  
**Price:** \$0.67/set



**Glue**

Refer to the content on page 105-106