



Laser Machine Manufacturer
Advertising Machine Manufacturer
Woodworking Machine Manufacturer

Jinan Haoyuanweiye



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Company Philosophy: Quality Creates Satisfaction!

About us



Jinan Haoyuanweiye Trading Co.,Ltd is one of the top leading professional manufacturers of Advertising Machine, Woodworking Machine and Laser Machine.

We manufacture the following machines:

Advertising CNC Router, Woodworking CNC Router, Laser Engraving and Cutting Machine, Laser Cutting Machine, Plasma Cutters, Marble and Glass CNC Router, Cutting Plotter and so on.

производителей рекламного оборудования деревообрабатывающего оборудования, лазерного оборудования. Наша Компания занимается разработкой и производством разнотипных фрезерно-гравировальных станков с ЧПУ. Основная предлагаемая нами продукция: Деревообрабатывающие фрезерные станки с ЧПУ, Фрезерно-гравировальные станки для изготовления рекламной продукции, Лазерно-гравировальные станки, Станки лазерной резки, Станки плазменной резки, Фрезерно-гравировальный станок для нанесения надписей и рисунков на мраморе, Режущий плоттер и т.д.

Jinan Haoyuanweiye Trading Co.,Ltd é a maior fabricante chinesa de equipamentos profissionais de publicidade, equipamentos a laser. Nossa empresa fabrica CNC máquina de gravura, gravura em madeira, Máquina de gravação e corte de laser, grande corte de escala a laser, máquina de corte plasma CNC, máquina de gravação de mármore, máquina de vidro gravura, plotter de recorte entre outros produtos.

Jinan Haoyuanweiye Trading Co.,Ltd es la mayoría de las compañías profesionales que produce la máquina de la publicidad , la máquina de la carpintería y la máquina de láser.

Somos el fabricante de las máquinas siguientes:

CNC Router de Publicidad, CNC Router de madera, Máquina de grabado y corte del láser, Máquina de corte por láser, Cortador de plasma, CNC Router de mármol y cristal, Plooter de corte y así sucesivamente.

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HY SHOW ↘

We try our best to accomplish the goal of : "Striving for progress and innovation, getting ahead for long-term development" .

>> SHOW

Survive by profession

Success by details

Promotion by technology

Quality makes golden brand

Integrity makes everlasting prosperity



>> **Fiber Laser Cutting Machine**

RJ1325/RJ1530-300W/400W/500W/1000W



Features

- * SPI /IPG company's high-power fiber laser generator
- * High precision CNC fiber laser cutting machine rack and pinion, linear rails and CNC transmission system .
- * Mainly used for cutting and forming of carbon steel plate, stainless steel, aluminum and other metal materials.



Suitable Materials

Mainly suitable for cutting carbon steel, silicon steel, stainless steel, aluminum alloy, titanium alloy, galvanized sheet and other sheet metal.

Industrial Applications

Applied in a variety of industries, such as medical microelectronics, spectacle frame, metro or auto accessories, mechanical parts, arts and crafts, hardware, advertising, etc.

Parameters

Model	RJ1325	RJ1530
Working Size	1300x2500mm	1500x3000mm
Laser Type	Standard Raycus (Optional Imported Optical Fiber Laser Generator)	
Laser Wavelength	1070 ± 10nm	
Laser Output Power	300W/400W/500W/1000W	
Cutting Thickness	0.2-3mm /0.2-4mm	
Max Cutting Speed	30m/min	
Position Accuracy	<±0.04mm	
Minimum Line width	>0.12mm	
Cooling System	water cooling	
Driving System	Japan YASKAWA Servo motor and drivers	
Working Voltage	AC220V/110V±10% 50Hz/60Hz	
Transmission	X axis with imported ball screw, Y axis with imported square rail and gears.	



>>Fiber Laser Machine Model



Fiber Laser Cutting Machine RJ-1530A



Fiber Laser Cutting Machine RJ-1530B



Fiber Laser Cutting Machine RJ-3015A



Fiber Laser Cutting Machine RJ-3015B



>>High Speed Fiber Laser Cutting Machine RJ1325P

RJ1325P Fiber laser cutting machine is customized as customers' requirements and market conditions. This machine has many features, such as, high efficiency, high precision, high stability, low consumption, and no maintenance; what's more, it is quite attractive in price and quality. Almost all customers can accept the price.



Features

1. Excellent beam quality: Small laser spot; higher efficiency; better cutting quality;
2. High Electro- optical conversion efficiency: energy saving and environment protection, three times conversation efficiency compared with CO2 laser cutting machine;
3. Fast cutting speed: Speed is twice of CO2 laser cutting machine with same power;
4. High stability: Famous brand fiber laser generator, very stable, lifetime can reach 100,000 hours;
5. Low usage cost: Power consumption of the whole machine is only 20%- 30% of same power CO2 Laser cutting machine;
6. Convenient operation and maintenance: fiber transmission, no need to align laser path;
7. Fiber transmission: no mirrors, saving maintenance cost.

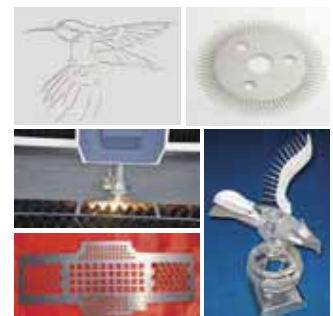
Industrial Applications

It can cut various metal sheet, metal pipe. Mainly used for cutting stainless steel, carbon steel, manganese steel, some other alloy plates and precious metals.

Widely used in some industries such as kitchen appliances, metal plate chassis an cabinets, machine frame equipment, electrical equipment, lighting hardware, advertising signs, automobile accessories, display equipment, metal products and metal plate cutting.

Parameters

X.Y.Z axis	1300*2500*100mm
Laser type	Chinese or imported laser generator
Laser wavelength	1070NM
Laser output power	200/500W
Cooling system	Water cooling/air cooling
Control	CYPCUT
Position accuracy	<0.1MM
Max cutting speed	1000MM/MIN
Working voltage	AC220V/110V 50HZ/60HZ



>> Metal/Non-Metal Mixed Laser Cutting Machine RJ1325/1390



Features

- * Square rail and belt transmission enable the machine high precision and stable performance.
- * Professional industrial circulation cooling systems with automatic alarm system.
- * Optical components adopt imported U.S. 26 mirrors and ZNSE focus lens for high quality cutting effect.
- * Constant optical structure to fix the laser path ensures stable beam transmission.
- * Following focus system realized dynamics focus continuous cutting on material of different thickness.
- * Japan YASKAWA and PANASONIC servo motors alternatives.



Applications

It is applicable to stainless steel, carbon steel, acrylic, wood and other metal and non-metal sheet materials.

It is applicable to metal sheets, metal and non-metal processing enterprises such as medium thickness sheet metal processing factory and advertising company.

Metal Cutting Industry:

sheet metal structure, high and low voltage electrical cabinet making, hardware, tools, advertising signs, metal crafts; decorating, automotive, petrochemical, medical, mechanical parts, electrical meter parts, saw blades, spring-chip and other industries.

Non-metal Industry:

* Leather processing industry: leather, fabric carved hollow.

* Arts and crafts industry: paper cutting, wood, bamboo products, leather, shell, ivory and other materials' engraving and cutting.

* Advertising industry: acrylic engraving and cutting, cutting and engraving of double-color plate and other advertising material.

* Packaging industry: printed rubber plate engraving and cutting, plywood cutting and laser cutter template cutting.

* Decoration industry: electrical and electronic industry materials engraving and cutting.



Parameters

Model	RJ1325	RJ1390
Working Size	1300x2500mm	1300x900mm
Laser Type	CO2 Sealed Laser Tube, wavelength 10.6μm (In accordance with GB11748-89 standard) (Optional frequency metal tube)	
Laser Power	150W, 180W, 200W, GSI280W	
Cooling System	Industrial Water cooling system	
Cutting Speed	0-600mm/s (the speed is varied due different thickness of materials)	
Energy Adjustment	0-100% stepless control, inside software 0-100%adjust	
Control System	Digital Offline Control System	
Drive System	Servo Motor, high precision ball screw	
Working Voltage	AC220V 50/60Hz	
Position Accuracy	±0.05mm	
Minimum Letter Size	Chinese:3mm English:2mm	
Whole Machine Power	≤2500w	
Working Environment	Temperature:0-45C, humidity:5%-95%non-condensate	
Supported Format	PLT,DST,DXF,BMP,AI, support AutoCAD, CorelDraw output directly	



>>High Precision Laser Cutting Machine with Ball Screw Transmission RJ1325



Features

- * Adopting imported ball screw and square rails enable high processing accuracy.
- * 3 phase motors ensure high speed cutting and good performance.
- * Smoke pipe moving with beam for better exhausting result.
- * Separate control box -electric parts protection, anti-interference and extended service life.
- * Foot wheels and level base enable the machine flexibility and stability.

Applications

- * Advertising industry: engraving and cutting on advertising materials such as acrylic, double color board and so on.
- * Leather and clothing industry: engraving and carving on leather and fabric.
- * Art & Craft industry: engraving and cutting on paper, wooden packing box, bamboo craft, leather, shell, ivory and so on.
- * Model industry: cutting on architectural model, aviation and navigation model, and wooden toys.
- * Packaging industry: engraving and cutting of printing rubber plate, and cutting of sandwich plate and die board cutting.
- * Decoration industry: engraving and cutting on electric products and relevant materials.

Parameters

Model	RJ1318/1325/1530/1625		
Working Size	1300x1800mm, 1300x2500mm, 1500x3000mm, 1600x2500mm	Supported Format and Software	PLT,DST,DXF,DWG,AI,LAS Support AutoCAD, Corel Draw output directly
Laser Type	DC glass laser tube(CO2)	Drive	Stepper motor
Wavelength	10.6um	Control System	Digital Offline control system
Laser Power	60W, 80W, 100W, 150W,180W	Minimum Letter Size	Chinese:1.5mm English:1mm
Engraving Speed	0-1200mm/s	Working Voltage	AC200V/110V ±10% 50HZ/60HZ
Cutting Speed	0-600mm/s	Machine Power	≤2000W
Reposition Accuracy	≤±0.01mm	Environment	Temperature:0-45°C Humidity 5%-95%
Cooling System	Water cooling system		



>>High Speed Laser Engraving & Cutting Machine with Belt Transmission RJ1318/1325/1530/1625



Features

- * Strengthened welded lathe ensure long-term accuracy and stability of performance.
- * X,Y axis adopt round rail and belt transmission for large format fast engraving.
- * Full-equipped with smoke exhausting and anti-pollution system for better processing environment.
- * Separate control box -electric parts protection, anti-interference and extended service life.

Parameters

Model	RJ1318/1325/1530/1625		
Working Size	1300x1800mm, 1300x2500mm, 1500x3000mm, 1600x2500mm	Supported Format and Software	PLT,DST,DXF,DWG,AI,LAS Support AutoCAD, Corel Draw output directly
Laser Type	DC glass laser tube(CO2)	Drive	Stepper motor
Wavelength	10.6um	Control System	Digital Offline control system
Laser Power	60W, 80W, 100W, 150W,180W	Minimum Letter Size	Chinese:1.5mm English:1mm
Engraving Speed	0-1200mm/s	Working Voltage	AC200V/110V ±10% 50HZ/60HZ
Cutting Speed	0-600mm/s	Machine Power	≤2000W
Reposition Accuracy	≤±0.01mm	Environment	Temperature:0-45°C Humidity 5%-95%
Cooling System	Water cooling system		



>>Automatic Feeding Laser Engraving & Cutting Machine RJ1620/1626



Features

- * Conveyor working table ensures smooth fabrics while cutting.
- * Automatic feeding device for rolls of textile.
- * Following smoke exhausting system enable good suction effects.
- * CCD device to make contour processing.

Applications

The machine is suitable for cotton, linen, chemical and other textile and apparel fabrics.

It is applicable to business wear, suits, dresses, printed clothes, sports wear, garment with stripes/checks, zephyr garment and other order-oriented small batch apparel fields.

Applications

Model	RJ1620	RJ1626
Working Area	1600X2000mm	1600X2600mm
Laser Type	DC glass laser tube(CO2)	
Wavelength	10.6 μm	
Laser Tube Power	60W,80W,100W,150W	
Cooling Method	Compulsory Water Circulation Chilling System	
Engraving Speed	0-60,000mm/min	
Repositioning Accuracy	±0.05mm	
Minimun Forming Words	English:1.5X1.5mm	

Contour Scan	CCD
Supporting Graphic format	BMP,HPGL,PLT,DST,AI
Control Software	Digital Offline control system
Compatible Software	CorelDraw, AutoCAD
Drive	Stepper Motor, servo motor optional.
Weight of Whole Machine	560KG
Working Voltage	AC220V/110V±10% 50HZ/60HZ
Working Temperature	0-45℃
Working Humidity	5-95%



>> Practical Type Laser Engraving & Cutting Machine P Series RJ6040/1060/1280/1390/1510/1612



Optional Parts



Honey Comb Table



Water Chiller

Features

- * Practical model for primary customers.
- * User-friendly interface, easy to master for operation.
- * Parallel light beam design, lessen path deviation, high performance, easy adjustment.
- * Aluminum alloy knife strip working table, ensure high quality cutting.
- * Digital Offline control system, USB available, RD and Lettro alternative.
- * Optional red light positioning system and water chiller for better work performance.



Technical Parameters

Model	P Series		
Working Size	600x400mm, 1000x600mm, 1200x800mm, 1200x900mm, 1500x1000mm, 1600x1200mm	Control System	Digital Offline control system
		Drive	Stepper motor
Laser Type	DC glass laser tube(CO2)	Supported Format and Software	PLT,DST,DXF,DWG,AI,LAS Support AutoCAD, Corel Draw output directly
Wavelength	10.6um	Minimum Letter Size	Chinese: 1.5mm English: 1mm
Laser Power	40W, 60W, 80W, 100W, 130W, 150W	Working Voltage	AC200V/110V ±10% 50HZ/60HZ
Engraving Speed	0-1200mm/s	Machine Power	≤1500W
Cutting Speed	0-600mm/s		
Reposition Accuracy	≤±0.01mm	Working Environment	Temperature: 0-45°C Humidity 5%-95%
Cooling System	Water cooling system		



>> Motorized Up & Down Laser Engraving & Cutting Machine S Series RJ6040/1060/1280/1290/1390



Optional Parts



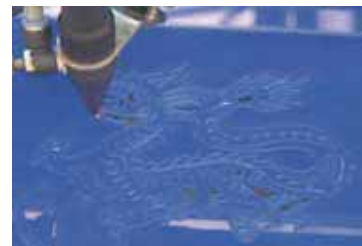
Honey Comb Table



Chuck Rotary Device

Features

- *Standard with Motorized up & down table.
- * Economical and practical for thick material working.
- * Open feeding system suitable for infinite workpiece.
- * Digital Offline control system, USB available, RD and Lettro alternative.
- * Rotary Device optional for column engraving and cutting.
- * Honey comb table optional for soft material work.



Technical Parameters

Model	S Series		
Working Size	600x400mm, 1000x600mm, 1200x800mm 1200x900mm, 1300x 900mm	Drive	Stepper motor
Laser Type	DC glass laser tube(CO2)	Motorized Up& Down Working Table	High Precision Ball Screw Transmission, Max. Lifting 300mm
Wavelength	10.6um	Supported Format and Software	PLT,DST,DXF,DWG,AI,LAS Support AutoCAD, Corel Draw output directly
Laser Power	40W, 60W, 80W, 100W, 130W,150W	Minimum Letter Size	Chinese:1.5mm English:1mm
Engraving Speed	0-1200mm/s	Working Voltage	AC200V/110V ±10% 50HZ/60HZ
Cutting Speed	0-600mm/s	Machine Power	≤1500W
Reposition Accuracy	≤±0.01mm	Working Environment	Temperature:0-45°C Humidity 5%-95%
Cooling System	Water cooling system		
Control System	Digital Offline control system		



>> New Model Laser Engraving & Cutting Machine RJ1390A



Optional Parts



Honey Comb Table



Chuck Rotary Device

Features

- * High-grade design for high attention to details.
- * 1:4 Wheel speed ratio to keep high quality engraving and cutting.
- * Cover for Laser tube easy open design, check tube condition any time.
- * External ball screw for lifting, anti-interference to ensure steady performance.
- * Rear closed/open design; satisfy dust proof and material feeding in one.
- * Digital Offline control system, USB available, RD and Lettro alternative.

Technical Parameters



Model	A Series		
Working Size	1300X900mm	Supported Format and Software	PLT,DST,DXF,DWG,AI,LAS Support AutoCAD, Corel Draw output directly
Laser Type	DC glass laser tube(CO2)	Motorized Up& Down Working Table	High Precision Ball Screw Transmission, Max. Lifting 260mm
Wavelength	10.6um	Drive	Stepper motor
Laser Power	40W, 60W, 80W, 100W, 130W,150W	Minimum Letter Size	Chinese:1.5mm English:1mm
Engraving Speed	0-1200mm/s	Working Voltage	AC200V/110V ±10% 50HZ/60HZ
Cutting Speed	0-600mm/s	Machine Power	≤1500W
Reposition Accuracy	≤±0.01mm	Working Environment	Temperature:0-45°C Humidity 5%-95%
Cooling System	Water cooling system		
Control System	Digital Offline control system		

>>Double Heads Laser Engraving & Cutting Machine D Series RJ1280/1290/1390/1590/1612



Features

- * Complex of engraving and cutting with two different power laser tubes.
- * Double work efficiency with two same power laser tubes.
- * Support adjustable distance between two heads.
- * Digital Offline control system, USB available, RD and Lettro alternative.
- * Motorized up & down system optional, thick material work available.

Technical Parameters

Model	D Series		
Working Size	1200x800mm, 1200x900mm, 1300x900mm, 1500x900mm 1600x1200mm	Supported Format and Software	PLT,DST,DXF,DWG,AI,LAS Support AutoCAD, Corel Draw output directly
Laser Type	DC glass laser tube(CO2)	Drive	Stepper motor
Wavelength	10.6um	Control System	Digital Offline control system
Laser Power	60W, 80W, 100W, 150W	Minimum Letter Size	Chinese:1.5mm English:1mm
Engraving Speed	0-1200mm/s	Working Voltage	AC200V/110V ±10% 50HZ/60HZ
Cutting Speed	0-600mm/s	Machine Power	≤1500W
Reposition Accuracy	≤±0.01mm	Working Environment	Temperature:0-45°C
Cooling System	Water cooling system		Humidity 5%-95%



>> Motorized Up & Down Laser Engraving & Cutting Machine E Series RJ1390



Optional Parts



Honey Comb Table



Chuck Rotary Device

Features

- * European style design.
- * Dark-brown window keep operator's eyes safe.
- * Aluminum alloy knife strip working table, ensure high quality cutting.
- * Motorized up down working table enable thick material engraving and cutting.
- * Closed cover design for good effect smoke exhausting and dust proof.
- * Separate control box -electric parts protection, anti-interference and extended service life.
- * 1:2 Wheel speed ratio to keep high quality cutting effect.



Technical Parameters

Model	RJ1390E		
Working Size	1300×900mm	Motorized Up& Down Working Table	High Precision Ball Screw Transmission, Max. Lifting 200mm
Laser Type	DC glass laser tube(CO2)	Working Voltage	AC220V/110V±10% 50HZ/60HZ
Wavelength	10.6um	Supported Format and Software	PLT,DST,DXF,DWG,AI,LAS Support AutoCAD, Corel Draw output directly
Laser Power	60W, 80W, 100W, 150W, 180W	Minimum Letter Size	Chinese: 1.5mm English: 1mm
Engraving Speed	0-1200mm/s	Consuming Power	≤1500W
Cutting Speed	0-600mm/s	Working Environment	Temperature:0-45°C Humidity 5%-95%
Reposition Accuracy	≤±0.01mm		
Cooling System	Water Cooling		
Controller	Digital Offline control system		
Drive	Stepper motor		



>>Marble Laser Engraving Machine RJ1390

Features

Meet the demand of professional engraving on large size stone.

With stable and perfect design concept, equipped with advanced industrial cooling system and automatic water alarm system, greatly improved the stability and safety of continuous working.

Unique closed design of smoke exhaust system eliminates smoke leaking, and ensures the perfect and clean working environment.



Applications

- * Marble industry: image and character engraving on the surface of marble.
- * Advertising industry: engraving and cutting on advertising materials such as acrylic, double color board and so on.
- * Leather and clothing industry: engraving and carving on leather and fabric.
- * Art & Craft industry: engraving and cutting on paper, wooden packing box, bamboo craft, leather, shell, ivory and so on.
- * Model industry: cutting on architectural model, aviation and navigation model, and wooden toys.
- *Packaging industry: engraving and cutting of printing rubber plate, and cutting of sandwich plate and die board cutting.
- *Decoration industry: engraving and cutting on electric products and relevant materials.

Parameters

Model	RJ1390
Working Area	1300×900mm
Laser Type	CO ₂ Sealed Laser Tube, Wavelength 10.6μm
Laser Tube Power	60W, 80W
Cooling System	Water Cooling
Power Adjustment	0-100% Stepless Control, 0-100% Adjustable in Software
Control and Driving	High Speed DSP Control, Stepper Motor High Subdivide Driving
Engraving Speed	0-1200mm/s
Cutting Speed	0-600mm/s
Working Voltage	AC220V/110V±10% 50HZ/60HZ
Reposition Accuracy	≤±0.01mm
Minimum Letter Size	Chinese: 1.5mm English: 1mm
Consuming Power	≤2000W
Running Environment	Temperature: 0-45°C; Humidity: 5%-95% (free of condensed water)
Supported Format	PLT, DST, DXF, BMP, AI, Support AutoCAD, CorelDraw Output Directly



>> Slide Rail High Speed Laser Engraving & Cutting Machine G Series RJ1390



Features

- * single-axis module and its characters of small size, compact structure, and modular design make the installation and maintenance very easy.
- * Sliding rail length is customize.
- * realised high-speed, high-precision.

Applications

- * Advertising Industry : Acrylic , double color board & other advertising material engraving & cutting.
- * Leather Industry : Engraving & through-carving on leather & cloth.
- * Craft Industry: Engrave and cut on paper, wooden material, bamboo, leather, seashell & ivory material., and Marking on the product



Technical Parameters

Model	RJ1390
Working Area	1300x900mm
Laser Type	Sealed-off Glass CO2 Laser Wavelength:10.6um
Cooling System	Water Cooling
Power Adjustment	0-100% No section Control , soft inner 0-100% adjustable.
Control and Driving	High Speed DSP Control system, Stepper Motor, High subdivision driver
Engraving Speed	0-1500mm/s
Cutting Speed	0-600mm/s
Belt Specifications	HTD3m , Width 15mm
Number of belt teeth	24 teeth



>>Mini Type Laser Engraving & Cutting Machine M Series RJ5030



More Design



Optional Parts



Honey Comb Table



Roller Rotary Device

Features

- * New design for craft making.
- * Semi-closed ray path structure, optimize the customer experience.
- * Cover for Laser tube easy open design, check tube condition any time.
- * Below Locker for commonly used materials storage.
- * Rear exhaust suction system for good smoke exhausting effect.
- * Standard Motorized up-down system, available for rotary device.
- * Digital Offline control system, USB available, RD and Lettro alternative.
- * Optional honey comb table for soft material work
- * Optional red light positioning system for better work performance.

Technical Parameters

Model	M Series		
Working Size	500x300mm	Drive	Stepper motor
Wavelength	10.6um	Supported Format and Software	PLT,DST,DXF,DWG,AI,LAS Support AutoCAD, Corel Draw output directly
Laser Power	40W, 60W	Minimum Letter Size	Chinese:1.5mm English:1mm
Engraving Speed	0-900mm/s	Working Voltage	AC200V/110V ±10% 50HZ/60HZ
Cutting Speed	0-400mm/s	Machine Power	≤1000W
Reposition Accuracy	≤±0.01mm		
Cooling System	Water cooling system	Working Environment	Temperature:0-45°C Humidity 5%-95%
Control System	Digital Offline control system		



>> Laser Seal Engraving Machine RJ40/4040/4060



Features

It is specially designed for stamp, portrait, badges, chest cards and various small engraving, especially for stamps making.

Applications

- * Suitable for small area craft processing. Engraving varies graphics and letter on double color board, wood, bamboo, organic glass, clothing, leather etc.
- * Suitable for engraving on non-metal materials, all kinds of stamp, like horn, wooden, red plastic, organic glass etc.
- * Carve name, model, label, design and date on electronic parts.
- * Cut acrylic and organic glass.



Parameters

Laser Model	RJ40	RJ4040	RJ/4060
Working Area	200mm x300mm	400mm x400mm	400mm x600mm
Laser Type	Glass Sealed-off CO ₂ laser tube, wavelength 10.6μm		
Laser Power	40w		
Laser Tube Cooling	Purified Recycling Water Cooling		
Laser Output Control	0—100% Non Section Control, Software inner adjustment from 0—100%		
Control System and Driver	DSP Control, High Subdivision Driver, Stepper Motor		
Engraving Speed	0-400mm/s		
Cutting Speed	0-200mm/s		
Working Voltage	AC220V/110V±10% 50/60HZ		
Position Accuracy	±0.01mm		
Minimum Letter Size	English:1mm		
Machine Power	≤300W		
Operation system	Moshi software/ Newlydraw		
Working Environment	Temperature:0-45℃;Humidity:5%-95%		
Supported Format	BMP,PLT		



>> Laser Marking Machine RJ Fiber



Features

- * Internal air cooling systems, reducing energy consumption, 100, 000-hour maintenance-free.
- * USB interface, output control, can receive a variety of file formats(such as PLT, BMP, LI, JPG).

Applications

Widely used in hardware products, tools, accessories, electronic components, integrated circuits(IC), electrical appliances, telecommunications equipment, precision instruments, jewelry, accessories, auto parts, instruments, plastic buttons, medical devices, and many other fields of graphics and text markup, as well as high-volume production jobs.

Parameters

Model	RJ-Fiber-10W	RJ-Fiber-20W/30W/50W
Length of laser wave	1064nm	1064nm
Maximum laser power	10W	20W/30W/50W
M2/Beam quality M2	<1.2	<1.2
Repeat frequency	20-60KHZ	20-80KHZ
Marking scope	100mmX100mm 150mmX150mm	100mmX100mm 150mmX150mm
Marking Line Width	≤0.01mm	≤0.3mm
Marking depth	≤0.25mm	≤0.3mm
Marking line speed	(Adjustable depending on material)	(Adjustable depending on material)
Min character	≤15000mm/s	≤15000mm/s
Repeat precision	0.1mm	0.1mm
Machine power	±0.001mm	±0.001mm
Chassis	±800W	±800W
Power supply	(There is one Cabinet and portable optional)	(There is one Cabinet and portable optional)
requirements	AC/220V/50HZ	AC/220V/50HZ



Servo Motor



Stepper Motor



Honey Comb Working Table



Motorized Up Down Working Table



Rotary Attachment



Protector



Two Heads Or Four Heads Engraving



Laser Power



Mirror & Lens



Blower



Air Compressor



Water Chiller



Auto-focus



Control Card



Red Light Position



Laser Tube



>>Typical Applications of Laser Engraving &Cutting Machine

Craft and Advertising Industry

Art craft, wooden packing box, bamboo craft, wooden floor, wooden tablet, wooden pattern, bamboo plaque and so on.



Business craft



Veneer Board Engraving



Pen Container

Leather Industry

Engraving and through-carving on leather, vamp ornament engraving, marking on sole, belt, wallet and so on.



Leather Ornament Cutting



Vamp Ornament Cutting



Leather Cutting

Signage Making Industry

Engraving and cutting on leather sign, embroidery label, trade mark, applique etc.



Badge Engraving



Logo Cutting



Label Cut

Apparel trimming Industry

Panel cutting and engraving on pieces of Jeans, fabric, sports wear, leisure wear



Jeans Engraving



Fabric cutting



Fabric Engraving



Model and Acrylic Products Industry

Acrylic, models, crafts for advertising



Acrylic Cutting&Engraving



Architectural model



Chimney Engraving

Decoration and Building Material Industry

Marble, gravestone, glass carving gravestone, wall brick, marble image picture, craft, gift, souvenir, wedding photo, crystal plaques and so on.



Decoration Cutting



Art Lamp Shade



Glass Image Picture

Printing Plate Making, Greeting Card

Printing plate, greeting card, trophy cup, marking, image picture and so on.



Printing Panel for Cartons



Acrylic Plaque Award

Home Textile Industry and Others

Engraving on Table cloth, curtain, sofa, cushion, toy



Tent Piece Cutting



Tile Engraving



Paper Cut



>>Advertising CNC Router A Series RJ-1212A/1218A/1224A

Features

- * Integrally cast lathe bed, solid and stable, without distortion.
- * 3 axis transmission with imported ball screws ensures stable and smooth movement of the machine. X and Y axis adopt synchronous belt and wheel transmission enable the machine work with high accuracy.
- * Application of the driver with high definition subdivision ensures fast speed and high accuracy.
- * High power spindle, brushless, water cooling, working vigorously with low noise, guarantees long time mass processing.
- * Humanized design enables easy disassembly of the machine for convenient transportation.



Applications

Mainly used for various chest ID badge, office board, architectural model, ruler, small metal and wooden mould making and embossing and so on.

Technical Parameters

Model	RJ6090A	RJ1212A	RJ1218A	RJ1224A
Working Area (X*Y*Z)	600x900x80mm	1200x1200x100mm	1200x1800x100mm	1200x2400x100mm
Max Engraving Speed	6000mm/min	6000mm/min	6000mm/min	6000mm/min
Spindle Power	1.5KW	1.5KW-2.2KW	1.5KW-2.2KW	1.5KW-3KW
Spindle Speed	6000—24000rpm	6000—24000rpm	6000—24000rpm	6000—24000rpm
Tool Diameter	3.175mm, 4mm,6mm	3.175mm, 4mm,6mm	3.175mm, 4mm,6mm	3.175mm, 4mm,6mm
Working Voltage	AC220V/50HZ	AC220V/50HZ	AC220V/50HZ	AC220V/50HZ
Working Dictate	G Code	G Code	G Code	G Code

Transmission system



Working Sample





>>Advertising CNC Router A Series RJ1325A



Features

- * Integrally cast lathe bed, robust and no distortion.
- * Y axis with double motor driving ensures stable and smooth movement of the machine.
- * High precision rack gear trasmission ensures fast speed and high accuracy.
- * Imported linear square guide rail ensures high accuracy and maximum work load-bearing.
- * Optimized mechanical and electrical design with well-selected brand parts minimizes breakdown rate.
- * Spindle with high power enables powerful cutting strength.
- * Function of continuous working at stop point by power failure.

Applications

Efficient manufacturing of wooden products, advertising billboard, acrylic cutting, letter mold forming and mass cutting. Also the machine can engrave iron, brass, aluminum, plastic and wood boards and the other non-metal materials.

Technical Parameters

CNC router RJ1325	
Working Area (X*Y*Z)	1300x2500x190mm
Reposition Accuracy	±0.08/300mm
Max Engraving Speed	20000mm/min
Working Dictate	G Code
Spindle Power	3KW
Spindle Speed	6000—24000rpm
Tool Diameter	Φ3.175mm, Φ6mm, Φ12.7mm



>>Advertising CNC Router B Series RJ6090B/1212B/1218B/1224B

Features

- * Integrally cast lathe bed, robust and without distortion.
- * 3 axis transmission with imported ball screws ensures stable and smooth movement of the machine. Adopting coupling transmission guarantees the reposition accuracy when work long time.
- * Application of driver with high definition subdivision ensures fast speed and high accuracy.
- * High power spindle, brushless, water cooling, working vigorously with low noise, guarantees long time mass processing.
- * Humanized design enables easy disassembly of the machine for convenient transportation.
- * Water tank is optional, used to engrave glass, etc.



Applications

Mainly used for various chest ID badges, office board, architectural model, ruler, small metal and wooden mould making and embossing and so on.



Acrylic Engraving



Glass Engraving

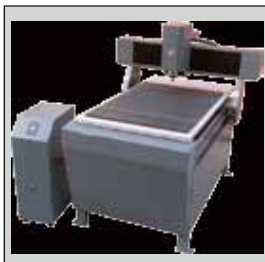


Brass Engraving

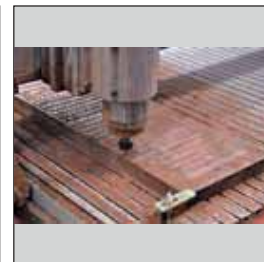
Technical Parameters

Model	RJ6090B	RJ1212B	RJ1224B
Working Area (X*Y*Z)	600x900x80mm	1200x1200x80mm	1200x2400x80mm
Max Engraving Speed	6000mm/min	6000mm/min	6000mm/min
Working Dictate	G Code	G Code	G Code
Spindle Power	1.5KW	1.5KW	1.5KW
Spindle Speed	6000—24000rpm	6000—24000rpm	6000—24000rpm
Working Voltage	AC220V/50HZ	AC220V/50HZ	AC220V/50HZ
Tool Diameter	Φ3.175mm, Φ6mm	Φ3.175mm, Φ6mm	Φ3.175mm, Φ6mm

Other Model



Transmission system





>>Advertising CNC Router B Series RJ1325B



Features

- * Welded structure by thick profiled steel, stabilized under high temperature, ensures minimum distortion, excellent rigidity and powerful strength.
- * Double motors and drivers of Y axis ensure steady movement.
- * Rack gear transmission ensures fast speed and high accuracy.
- * Imported linear square guide rail ensures high accuracy and maximum work load.
- * Optimized mechanical and electrical design with well-selected brand parts minimizes breakdown rate.
- * High power spindle, working vigorously with low noise, guarantees long time mass processing.
- * Function of continuous working at stop point by power failure.

Applications

Efficient manufacturing of wooden products, advertising billboard, acrylic cutting, letter mold forming and mass cutting. Also the machine can engrave iron, brass, aluminum, plastic and wood boards and the other non-metal materials.

Technical Parameters

CNC Router RJ1325B	
Working Area (X*Y*Z)	1300x2500x190mm
Reposition Accuracy	±0.08/300mm
Max Engraving Speed	20000mm/min
Working Dictate	G Code
Spindle Power	3KW-4.5KW
Spindle Speed	6000—24000rpm
Tool Diameter	Φ3.175mm, Φ6mm, Φ12.7mm



>>Advertising CNC Router C Series

RJ6090C/RJ1212C/RJ1218C/RJ1224C/RJ1325C



Features

- * Welded structure by thick profiled steel, stabilized under high temperature, ensures minimum distortion, excellent rigidity and powerful strength.
- * Y axis with double motor driving ensure stable and smooth movement of the machine.
- * High precision rack gear transmission ensures fast speed and high accuracy.
- * Optimized mechanical and electrical design with well-selected brand parts minimizes breakdown rate.
- * Spindle with high power enables powerful cutting strength.
- * Function of continuous working at stop point by power failure.
- * Vacuum adsorption device is optional.

Applications

Efficient manufacturing of wooden products, advertising billboard, acrylic cutting, letter mold forming and mass cutting. Also the machine can engraving iron, brass, aluminum, plastic and wood boards and the non-metal materials.



Technical Parameters

Model	RJ6090C	RJ1212C	RJ1218C	RJ1224C	RJ1325C
Working Area	600mmx900mm	1200mmx1200mm	1200mmx1800mm	1200mmx2400mm	1300mm x 2500mm
Resolution	±0.08mm	±0.08mm	±0.08mm	±0.08mm	±0.08mm
Spindle Power	1.5-2.2kw	1.5-2.2kw	1.5-2.2kw	1.5-2.2kw	3.0kw
Spindle Speed	6000-24000rpm	6000-24000rpm	6000-24000rpm	6000-24000rpm	6000-24000rpm
Working Voltage	AC220V/ 50Hz	AC220V/ 50Hz	AC220V/ 50Hz	AC220V/ 50Hz	AC220V/ 50Hz
Engraving Speed	12000mm/min	12000mm/min	12000mm/min	12000mm/min	12000mm/min
Feeding Height	80mm	80mm	80mm	80mm	150mm
Tool Diameter	Φ3.175mm , Φ6.0mm, Φ12.7mm	Φ3.175mm , Φ6.0mm,Φ12.7mm	Φ3.175mm , Φ6.0mm,Φ12.7mm	Φ3.175 mm, Φ6.0mm,Φ12.7mm	Φ3.175 mm, Φ6.0mm,Φ12.7mm
Working Dictate	HPGL, G Code	HPGL, G Code	HPGL, G Code	HPGL, G Code	HPGL, G Code



>>Advertising CNC Router Mini RJ3636

Features

- * Integrally cast lathe bed, the transmission system adopt imported high accuracy ball screw.
- * Imported linear square guide rail ensures high accuracy, stable movement and little vibration.
- * Water-cooling brushless spindle, low noise, vigorous cutting strength and long time mass processing.
- * High performance subdivision driver ensures fast speed and high accuracy.
- * Strong dust-proof and water-proof design ensures cleanliness and rust protection of the mechanical parts, make the maintenance work more easily.
- * Compatible with various design software, easily make embossment engraving, shadow engraving and three-dimensional WordArt.



Applications

It is a mini smart CNC router machine which can conveniently do the engraving and cutting work on acrylic, PVC board, wood, artificial marble, aluminum, copper, plastic etc. widely used in advertising industry, such as sign making, department nameplate, chest badge, architectural model, ABS plate, jade, glass.

RJ6090M

Other Models



Technical Parameters

CNC router RJ3636	
Working Area (X*Y*Z)	360x360x60mm
Reposition Accuracy	±0.08mm
Max Moving Speed	6000mm/min
Max Engraving Speed	4000mm/min
Spindle Power	800W—1.5KW
Driver System	Stepper Motor
Tool Diameter	Φ3.175mm, Φ4mm, Φ6mm
Working Voltage	AC220V/50HZ/60HZ
Software	Type3/Ucancam/Artcam
Special Specification	Water Tank is optional



>> Woodworking CNC Router with Vacuum Table W Series RJ1325W/1530W/2030W/2040W



Features

- * Y axis with double motor driving ensures stable and smooth movement of the machine.
- * High precision rack gear transmission ensures fast speed and high accuracy.
- * Imported linear square guide rail ensures high accuracy and maximum work load.
- * Adopt vacuum system, made by advanced international technology, configured with vacuum pump of strong absorption, can absorb different size materials.
- * Humanized design of vacuum table with T-slot and clamps, can absorb or clamp the material, the operation is convenient.
- * Intelligent protection of working table can avoid damage resulted from the wrong operation. Intelligent overrunning protection can avoid mechanical collision when set graphic exceeds processing size.
- * Automatic lubrication system fulfills the periodic lubrication maintenance just by one single touch.

Applications

This kind of machine is widely used in 3D carved plates with wave patterns, cabinet door, solid wooden door, craft wooden door, non-painting wooden door, screen, craft windows, computer desk and the panel furniture auxiliary processing etc.

Technical Parameters

Model	RJ1325W	RJ1530W	RJ2030W	RJ2040W
Working Size(mm)	1300x2500x230mm	1500x3000x230mm	2000x3000x230mm	2000x4000x230mm
Max Engraving Speed	20000mm/min	20000mm/min	20000mm/min	20000mm/min
Working Accuracy	±0.08/300mm	±0.08/300mm	±0.08/300mm	±0.08/300mm
Spindle Power	3KW	3KW	3KW	3KW
Spindle Speed	6000—24000rpm	6000—24000rpm	6000—24000rpm	6000—24000rpm
Tool Diameter	Φ3.175mm, Φ6mm, Φ12.7mm	Φ3.175mm, Φ6mm, Φ12.7mm	Φ3.175mm, Φ6mm, Φ12.7mm	Φ3.175mm, Φ6mm, Φ12.7mm
Dust Collector	3KW	3KW	3KW	3KW
Vacuum Power	5.5KW	5.5KW	5.5KW/7.5KW	5.5KW/7.5KW



>> Woodworking CNC Router RF1325

Features

- * Y axis with double motor drivers ensures stable and smooth movement.
- * High precision rack gear transmission ensures fast speed and high accuracy.
- * Imported linear square guide rails ensure high accuracy and maximum work load.
- * Adopting vacuum system, made by advanced international technology, configured with vacuum pump of strong absorption, can absorb different size materials.
- * Humanized design of vacuum table with T-slot and clamps, can absorb or clamp the material conveniently.
- * Intelligent protection of working table can avoid damage due to wrong operation. Intelligent overrunning protection can avoid mechanical collision when set graphic exceeds processing size.
- * Automatic lubrication system fulfills the periodic lubrication maintenance just by one single touch.



Applications

This kind of machine is widely used in 3D carved plates with wave patterns, cabinet door, solid wooden door, craft wooden door, non-painting wooden door, screen, craft windows, computer desk and the panel furniture auxiliary processing etc.

Technical Parameters

Model	RF1325
Working Size(X*Y*Z)	1300×2500×190mm
Max Moving Speed	50000mm/min
Max Engraving Speed	25000mm/min
Reposition Accuracy	±0.08mm/300mm
Spindle Power	3.0KW
Spindle Speed	6000~24000rpm
Tool Diameter	Φ3.175mm--Φ12.7mm
Transmission	X,Y High Precision Rack Gear; Z Ball Screw
X,Y,Z Guide Rail	Square Linear Rail (Taiwan)
Control System	DSP
Working Voltage	3 phase AC380V/50HZ Single phase,220V



>>Woodworking CNC Router with Linear ATC

ATC-RJ1325/1530/2030/2040



Features

- * Adopt domestic 5.5KW ATC water cooling spindle of large power (Option: Italy 9.0KW HSD air cooling spindle).
- * High accuracy, long service time, steady and smooth movement, and good starting performance, great torque, fulfilling the advantage of working with fast speed and high accuracy.
- * Japan Yaskawa Servo motor ensures machine to run with fast speed, low noise, and high position accuracy.
- * Unique Auto Tool Changer system can change tools alternatively, special tool sensor to compensate the tolerance of tool length.
- * Tool magazine standard capacity of 8 tools, (Option: more than 8 tools). Changing tools only takes 8 seconds.

Applications

- * Wood industry: stereo wave plate processing, cabinet doors, solid wood doors, craft wood door, paint free door, folding screen, craft window, shoe-cleaning machine, game cabinet, mahjong table, computer table, and panel-type furniture's assistance processing.
- * Advertisement industry: advertisement label and logo, acrylic cutting and blister molding, multi Ad. material and decoration products processing.
- * Mold industry: engrave on material like brass, al, and iron to make metal mold. and it can engrave on artificial marble, gravel, plastic board, PVC pipes, wood, and alike non-metal mold.
- * Other industry: engrave all kinds of image engraving and relief engraving. It is widely used in art & craft industry.

Technical Parameters

Description	RJ-1325 Side Linear ATC
Working Area (X * Y * Z)	1300×2500×300mm
Max Travelling Speed	60000mm/min
Max Engraving Speed	25000mm/min
Transmission	X,Y Axis High Precision Rack Gears, Z Axis Imported Ball Screw
X,Y,Z Guide Rails	HIWIN Square Rail (Optional German)
Accuracy	±0.08/300mm
Control System	DSP Control System
Spindle Motor	5.5KW Domestic Water Cooling (Optional: Italy HSD 9KW Air Cooling)
Spindle Speed	6000-24000rpm
Tool Magazine and Tools NO.	Side Linear, 8 Tools
Tool Diameter	φ2~φ20
Fixing Method	T-Slot aluminum & Vacuum absorption
Motor/Driver	Japan YASKAWA Servo System 850W



Other Models



>> Table-moving CNC Woodworking Center RJ-1325



Features

- * Welded structure by thick profiled steel, stabilized under high temperature, ensures minimum distortion, excellent rigidity and powerful strength.
- * The install of vertical and horizontal drill and saw which can rotary 90° makes the machine a complete woodworking center in doors making. Configure of imported Carrousel tool magazine makes the process of tools changing rapid and accurate.
- * The special tool sensor enables the machine compensate the tolerance of the tool length accurately.
- * Japan YASKAWA servo motor, high precision helicalrack, ensures the machine run stably with low noise, fast speed, and high positioning accuracy.
- * The vacuum table adopts double cavity type adsorption. The use of high strength Bakelite board milled in one time ensures high adsorption power.
- * Strong Dust Collection system keeps the machine away from dust blowing when working.
- * Auto lubrication system, one touch can finish the periodic maintenance.
- * Optional Germany imported horizontal transform head, realize side processing.

Applications

The machine is suitable for doors and cabinets processing. Also it can be used for the flat engraving, cutting and 3D relief carving of wood and MDF.

Technical Parameters

Description	RJ-1325
Working Area (X * Y * Z)	1300×2500×230mm
Max Travelling Speed	60000mm/min
Max Engraving Speed	25000mm/min
Reposition	±0.1/300mm
Fixing Method	Vacuum Table and T-Slot
Spindle Motor	Italy HSD 9KW Air Cooling
Spindle Speed	6000-24000rpm
Drill Group	Italy Drills Group Axis05CI
90° Rotatable Saw	Italy 90°Rotative Saw
Transmission	X Axis Grade 6 Precision helicalrack .Y, Z Axis Imported Ball Screw
Control System	Syntec Control System from Taiwan
Motor/Driver	Japan Yaskawa Servo System 1.3KW
Working Voltage	AC380V/50HZ

Other Model



>>Woodworking Center WA-1325



Features

- * Gantry moving is the tradition machine type, it can save room for customer's workshop, and easy to master compared with the table moving type.
- * Compared with traditional ball screw rotation, Screw Nut Rotation is fairly advanced transmission mode, which can reach higher speed and better accuracy.
- * The machine equipped with auto-lubrication pump, which has LED screen, the lubrication time is adjustable and long service time. (The oil tank for self-lubricating bearing must be replaced after 3 months because only oiling will not work)
- * Advanced tool sensor device, avoid the trouble of manual operation. With home-grown circular tool magazine, 8 tools changing continuous, highly increased the work efficiency.
- * Germany double layer vacuum adsorption technology, the inner cavity formed by the double layer ensures strong and even adsorption effect, 128 absorption holes afford better flexibility according to the material size.
- * Equipped with foot switch, never worry the trouble of wrong operation.

Parameters

Model	WA-1325
Working Area(X*Y*Z)	1300x2500x200mm
X/Y Feeding Speed	30000mm/min
Z Feeding Speed	15000mm/min
Transmission System	TAIWAN PMI High Accuracy Guide Rail
Control System	NC Sutdio
Spindle Motor	HSD9.0KW Italy Spindle
Spindle Speed	24000rpm
Driving system	Japan YASKAWA Servo System TAIWAN KIMPO Reducer
Fixing Method	Double layer Vacuum Absorption System
Tool Magazine and Tools NO.	Circular tool Magazine, 8 tools
Weight	1750KGS
Working Voltage	3 phase 380V



>> Wood Working Center with Feeding System



Introduction

Suitable for cut optimization and holes dilling of panel furniture , cabinets, wardrobe, office furniture, custom furniture, etc.

Features

Function: A more economical model CNC machining center, suitable for routing, relief, drilling, cutting, edge chamfering, etc.
Construction: Whole machine table adopts high strength thick steel pipe welded. Whole working table cast by resin sand. The annealing and other heat treatment methods ensure that the whole structure is tested to the limit for sturdiness and reliability.
Spare parts: Features world top class mechanical and electronic components, e.g. German rack and pinion, Taiwan rail and ball screw, Taiwan reducer, French Shench Shenider electrical components, which guarantee stable performance and high quality.
Precision: Excellent spare parts, accurate precision detection instrument, which make sure the machine with perfect location and working precision.
High-speed: Adopt reducer direct design, high torque, high-energy, X axis dual motor drive, runs smoothly with high efficiency.
Table: Doyble adsorbable countertops, material in HPL, large suction by slots.
Tool magazine: Carousel tool magazine for optional.

Parameters

Type		
Working area	1300x2500x100mm	1300x2500x100mm
Travelling speed	40m/min	80m/min
Working speed	18m/min	25m/min
Spindle parameters	Ari cooling7.0kw 24000rpm	Aricooling9.0kw 24000rpm
Type of drilling units	Optional	9 vertical spindles
Controller	Custom SYNTEC system with PC	Custom SYNTEC system with PC
Driving System	Delta	Delta/Yaskawa
Working Voltage	AC380V/3PH/50HZ	AC380V/3PH/50HZ
Driving System	Gemman HERION pinion/Taiwan PMI rail/Taiwan PMI ball screw	
Electrical accessories	Taiwan Delta VFD/French Schneidr Low voltage electrical components/high quality	
Table Structure	Double layer of multi-point high efficient vacuum adsorbable countertop	



>>Acrylic Letter Cutting Machine With ATC RJ1212/RJ1325M



Features

- * Adopts thick steel pipe welded lathe bed, the special heat-treatment ensures minimum distortion, excellent rigidity and vigorous strength.
- * High precision TBI Gridding Grade ball screw transmission and Japan YASKAWA servo system ensures high accuracy, fast speed and good stability.
- * 5.5KW water cooling spindle. Korea imported tool shank ensures the spindle performance.
- * Original NC Studio control system with hand wheel, convenient for positioning operation.
- * Sprayer lubrication system and automatic lubrication system optional.

Applications

Mainly used for acrylic mini letter and panel cutting.

Parameters

Model	RJ1212/RJ1325M
Working Area(X*Y*Z)	1200x1200x150mm 1300x2500x200mm
X/Y Feeding Speed	30000mm/min
Z Feeding Speed	15000mm/min
Transmission System	TAIWAN TBI Gridding Grade Ball Screw
Control System	NC Studio
Spindle Motor	5.5KW Water Cooling Spindle
Spindle Speed	24000rpm
Driving system	Japan YASKAWA Servo System
Fixing Method	Double layer Vacuum Absorption System
Tool Magazine and Tools NO.	Circular tool Magazine, 8 tools
Weight	1750KGS
Working Voltage	3 phase 380V





>> Multi-Spindle CNC Router

RJ-1313 /1318/1325

Features

1.Cylinder multi-spindle CNC Router is mainly designed for changing tools easily while it is working. For example, when you make a workpiece by two or three tools to make different patterns, the cylinder Multi-spindle CNC Router can Shorten the time of adjusting and checking the tools. After turning on the machine and once adjusting the knife, the machine can complete all the work absolutely at the same time and you can choose a horizontal side spindle to process keyhole slot, which can increase the efficiency.

2.Separated Multi-Spindle CNC Router, the power and quantity of the spindle motor can be properly increased. While the cost of it is more expensive than Board-hold Multi-head CNC Router.

3.Board-holden Multi-spindle CNC Router is an economical machine. Normally the spindle power is 800W-1.5KW. It is very stable by regular cutting speed. All the spindles must work together



Introduction

The multi-spindle CNC Routers of small working size are designed for the engraving on solid wood furniture. This series includes the separated multi-spindle CNC Router (2-6 heads), cylinder Multi-spindle (2-3 heads), Board-holder multi-spindle (2-6 heads)etc. It applies to the small working piece engraving with high working efficiency .

Other Models



Separated Double-Spindles
CNC ROUTER



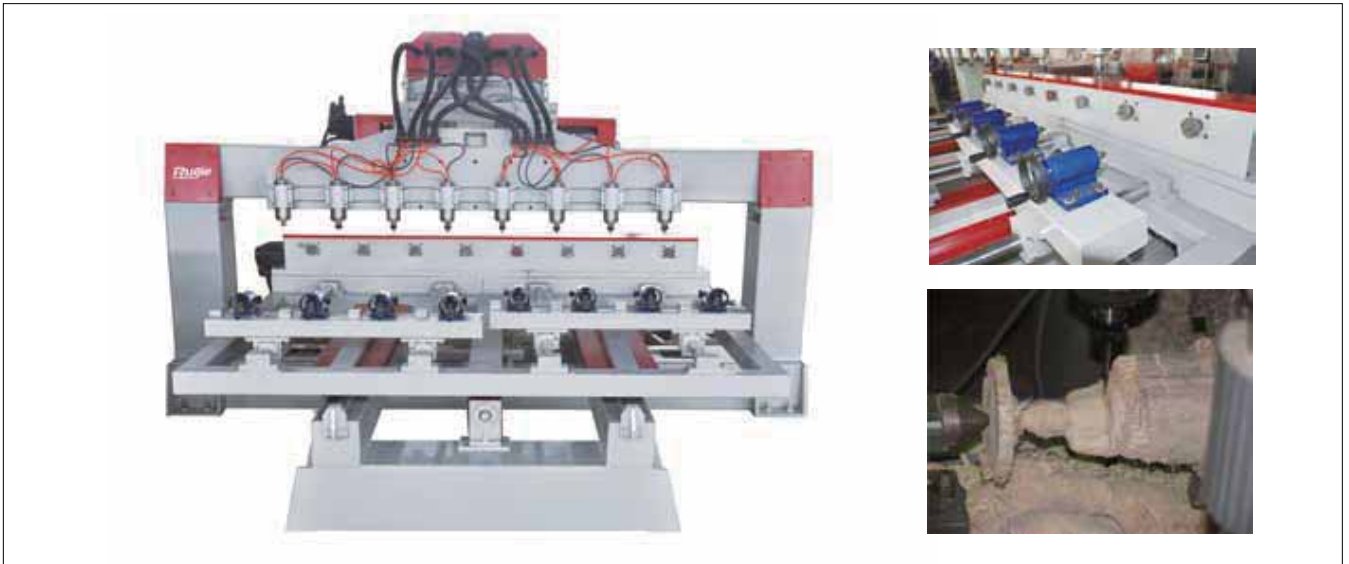
Separated Six-Spindles
CNC ROUTER



Separated Three-Spindles
CNC ROUTER



>>Four-Axis CNC Router RJ-2512/1612/1118



Features

- * Welded structure of thick profiled steel and inner stress, strong lathe bed makes the machine with rigidity, no distortion.
- * DSP handle controlling system, four axis linkage, with excellent stable features and favorable maintainability. It can charge complete cylindrical 3D working and tetrahedral rotate processing, specially for the working of characters statue and Europe furniture legs.
- * Servo motor driving system that with high power is suitable for engraving and cutting on solid wood.

Applications

Applied to complex three-dimensional craft workpiece such as furniture, sofa legs, stair columns, and buddha crafts etc.



RJ1118



Parameters

Lathe Bed	Welding
Spindle Motor	2kw*2 2kw*8
Control System	Nc Studio / DSP panel
Rotary Fixture Diameter	4-200mm
Rotary Accuracy	<0.05mm
Resolution	0.05mm
Command Language	G Code, HPGL
Compatible Software	Artcam, Type3, Ucamcam
Working Voltage	AC220V 50HZ/60HZ
Rotary attachment	Diameter 400mm, length 1000mm, weight 56kgs



>> Advertising Plasma Cutter RJ1325/RJ1530



Features

- * Light beam design, good rigidity, light weight and tiny moving inertia.
- * Y axis adopts double motors with double drives.
- * XYZ axis equipped with round rail, moving smoothly, of high accuracy. (optional: square rail).
- * Excellent performance on cutting illuminated letters for advertising and channel letters on metal surface board.
- * Work together with other advertising machines, such as CNC router and so on, improving working efficiency.
- * High cutting speed, high accuracy and low cost.
- * Advanced CNC control system, auto arc, arcing success rate over 99%.
- * Support G code files of ucancam, ARTCAM, Type 3 software. Also support DXF files of AUTOCAD by transfer software. Control system supports U disk file transfer.



Parameters

Model	RJ1325	RJ1530
Working area(X*Y)	1300×2500 mm	1500×3000mm
Working material	Iron, Steel, Aluminum sheets, Galvanized sheets, Titanium plates	
Cutting thickness	0.5-6mm	
Cutting speed	0-8000mm/min	
Consuming power	8.5kw	
Input voltage	3 phase 380V	
Power frequency	50HZ	
Plasma power	60A or 100A	
Files transfer	USB interface	
Arc	Untouched arc striking	



>> Industry Plasma Cutter

RJ1325/RJ1530/RJ2040

Features

- * Reasonable platform design, 10mm thickness steel plates fixed on the table covered by cast sheath with spikes. Steel plates will not be damaged even under raging flame.
- * The level difference of whole double-decked platform remains in 0-1.5mm.
- * Panasonic servo motor, Taiwan servo reducer device and high accuracy rack gear transmission.
- * Starfire control system made in Sino-US joint venture and Germany Design Software FastCAM with auto material saving function.
- * American Cut-Master plasma power supply or American Hypertherm together with high sensitive arc pressure adjuster.
- * Self-adjusting to choose the best distance between plasma gun and working piece automatically in order to ensure cutting accuracy.

Applications

Parts cutting, thickness material and heterotypic sheet cutting.

Parameters

Model	RJ1325	RJ1530	RJ2040
Processing Materials	Iron, aluminum, galvanized sheet, white steel plate, titanium plate		
Working Area	1300mm × 2500mm	1500mm × 3000mm	2000 × 4000mm
Motive System	Japan Panasonic servo motor with speed reducer		
Cutting Speed	0-8000mm/min		
Moving Speed	0-50000mm/min		
Cutting Thickness (Cutmaster Power Generator)	(60A)3-8mm		
	(120A)3-16mm		
	(200A)3-25mm		
Power	8.5KW-10.5KW		
Input Voltage	3 phase 380V		
Power Frequency	50Hz		
Control System	Starfire System		
Flies Transfer	USB Interface		
Arc	Untouched Arc Striking Arc Height Adjuster(HyperCNC)		
Packing Size	13.49CBM	16.83CBM	12.82CBM(disassemble)
N.W/G.W	1050KGS/1250KGS	1200KGS/1420KGS	1650KGS/1950KGS





>>CNC Punching Cutting Machine RJ1325



Ruijie Four Axis CNC punch cutting machine, is one of the new design CNC unit machine with punching & plasma cutting developed by our company. It set punching, plasma cutting as one though High-end technology with high – quality, high-efficiency, saving users input cost and has won numbers of national patents, ZL 2011 2 0534199.8 ZL 2012 2 0411384.2, is necessary specialized equipment for the advertising industry in the coming years. You can make "Highlight LED punching exposed word " easily by it.

After punching, it can cut automatically; all process no need manual operation, avoiding the secondary processing inconvenience. Save labor, high efficiency.



Punching parts

- * Lathe bed: cast iron bed, after aging, annealing treatment, never deformation.
- * Transmission way: ball screw transmission (Taiwan 2510 ball screw, high precision and strong stability).
- * Guide way: Taiwan PMI 20 Square rail.
- * Working area: 1250mm* 2500m.
- * Machine size: 3600mm* 2150mm* 1600mm.
- * Suitable material: aluminum plate, iron plate, galvanized sheet metal, stainless steel plate, etc.
- * Material thickness range: 0.8mm-5mm.
- * Punching speed: 0-120 times/min (speed adjustable) - punching speed relative to the hole gap size.
- * Mold: 9mm, 12mm, round hole, lamp with holes. Service life of the blunt needle: 3-50000 times.
- * Affordable punching pressure: 13T.

Cutting parts

Model	RJ1325
Cutting size	1250*2500mm
Transmission	Squar rail diagonal rack and pin transmission
Flame cutting head	Huayuan 63A
Cutting speed	High-frequency plasma cutting 0-20000mm/min
Max travel speed	25000mm/min
Max cutting thick	6mm

>> NEW CNC Marble Router

RJ6090/RJ9018/RJ1224/ RJ1325



Features

- * Precise travelling of Y axis driven by double motors, bigger motors ensures stable performance of machine.
- * Configured with high quality stainless steel water tank and automatic cooling water supply system.
- * Configured with 2 water nozzles connect into a bigger water pump, to cool the collect.
- * Profiled steel welded lathe bed, stabilizing treated under artificial prescription ensures minimum distortion , excellent rigidity and vigorous strength.
- * High precision rack gear transmission ensures high accuracy, fast speed and strong power.
- * Imported square linear guide rail ensures high accuracy, maximum work load and long service time.
- * Best mechanical and electrical design with well-selected brand parts minimize breakdown rate.
- * Overall dust-proof and water-proof design protects all moving parts of machine.



Parameters

Model	RJ6090	RJ9018	RJ1224	RJ1325
Working area(X×Y×Z)	600×900×300mm	900×1800×300mm	1200×2400×300mm	1300×2500×300mm
Engraving depth	150mm	150mm	150mm	150mm
Max engraving speed	6000mm/min	6000mm/min	6000mm/min	6000mm/min
Travelling accuracy	<0.05/300min	<0.05/300min	<0.05/300min	<0.05/300min
Working Dictate	G Gode	G Gode	G Gode	G Gode
Spindle	5.5KW Water cooling	5.5KW Water cooling	5.5KW Water cooling	5.5KW Water cooling
Collect	φ3.175mm, φ6mm, φ12.7mm	φ3.175mm, φ6mm, φ12.7mm	φ3.175mm, φ6mm, φ12.7mm	φ3.175mm, φ6mm, φ12.7mm
XYZ Guide rails	Linear square rail	Linear square rail	Linear square rail	Linear square rail
Transmission	Rack gear of X.Y axis, Ball screw of Z axis	Rack gear of X.Y axis, Ball screw of Z axis	Rack gear of X.Y axis, Ball screw of Z axis	Rack gear of X.Y axis, Ball screw of Z axis



>>Cutting Plotter

RJ720/RJ870/RJ1100/RJ1350

Features

- * High strength aluminum alloy Structure ,streamlining and elegant design.
- * Original vacuum function, unique soft landing function to engrave freely on both very thin and 1.2mm thickness film.
- * Linear bears dolly ensures it higher accuracy, strong pressure, and heat resisting to prevent deformation.
- * Laser doide dolly for contour cut function is Optional.
- * Original blue LED for visual display.
- * Imported 9 keys touch menbrane keypad to operate the interface by light touch.
- * Luxury folding paper basket.
- * Operating environment: Windows XP, Windows Vista, Windows7 / 8 (32bit & 64bit), MAC.



Parameters

Model	RJ-720HE	RJ-870HE	RJ-1100HE	RJ-1350HE
Maximum paper size	720mm	870mm	1100mm	1350mm
Maximum working size	630mm	780mm	1010mm	1260mm
Maximum speed	500mm/s			
Maximum cutting pressure	400g			
Memory space	1M (4M optional)			
Display	LCD			
Power control	Switch			
Voltage	AC85~264V 50~60HZ			
Holder	XL holder (with paper collecting)			
Trolley	Linear trolley			
Transfer Language	DMPL&HPGL			
Optional color	black highlight, white highlight, black and white highlight			
Software	Artcut, Unncanm, Flexi10			
Input file format	.plt			
Communication port	Data connection+USB			

Applications

- * Cutting nice graphics and patterns out of self-adhesive sheet, sunlight proof film and stickers in stead of manual cutting or printing.
- * Compatible with various design software, Ucancam, CAD, CorelDraw, direct output, with database if icons, image, graphics and patterns, English script and other optional language to be provided at request of customers.
- * Easy to learn and quick to operate, for cutting designs if ad poster, window paper-cut, shop front sticker and showcase decoration items.
- * It is necessary machine for printing shop, stationer shop, supermarket, store, hotel and restaurant and so on.



>> Slotting Bending Laser Welding Machine



Parameters

Applicable Material	Aluminum extrusion/ Stainless steel and Metal strips
Function	Bending and double-sided notching
Material width	Strips: 140-145mm
Bending Motor	Step motor / servo motor
Bending thickness	0.4--1.5mm
Feeding speed	100~200mm/s
Power	1.5KW
Voltage	AC220V 50HZ
Air Pressure	0.3-0.6MPA
Size	1800x950x1400mm
Weight	340KG
Precision	0.01mm
Software	Letor
Input file format	.plt
Communication port	Data connection

Features

Good matching with laser cutting machine and plasma cutting machine.

Material: Stainless steel, galvanized sheet, iron, titanium and other material and their alloys. Non-stop working for 24 hours.

Slotting Bending Machine

Double side slotting, suitable for different process equipment;

Depth of slotting can be controlled by computer.

Laser Welding Machine

Accurate and precision, no raised welding spot on surface;

Processing no noise, no environmental pollution.

Parameters

The laser power	200W
The laser wavelength	1064 nm
Largest single pulse energy	90J
Depth of laser welding	0.1-1.2mm
The pulse width	0.1-20ms
Combo when the frequency of the laser welding	0.5-40Hz
Spot size adjustable range	0.2-2mm
The machine electricity power	≤7KW
Demand for electricity	220V±10%/50Hz/40A
The standard table	800*1000mm load 200Kg
Aimed at positioning	CCD Synchronous high-definition camera
Laser travel up and down	≥200mm
Laser level direction	200-800mm



