

CE RoHS BV

HEFEI KAXING DIGITAL CONTROL EQUIPMENT CO.,LTD



JKCA
Product Manual

Hefei · China

HeFei Kaxing Digital Control Equipment Co.,Ltd factory aerial view



Brief introduction

HeFei Kaxing Digital Control Equipment Co.,Ltd lies in HeFei AnHui ,which is the hometown of BaoGong and the Chinese scientific & technology education base. The company is located in HeFei national economic and technological development zone, covering an area of 3.5 acres, with a construction area of 13000m². The new plant with semi-automated production line has formally put into production. HeFei Kaxing Digital Control Equipment Co.,Ltd is a high-tech enterprise, which integrates R&D,manufacturering,sale,maintenance and after service. Our company specializes in manufacturing CNC woodworking processing center ,large woodworking engraving machine,woodworking router, divers woodworking engraving machine, advertising engraving machine and laser engraving machines ,plasma cutting machine, mould engraving machine,stone engraving machine ,Cutting plotter and so on.The company benefits from talent and technological advantages from many domestic notability universities, such as China science and technology university, Anhui university ,Hefei University of Technology,etc, which laid solid foundation for development of the company.

The company has six national patents, many professional brands already have a wide influence around the world.The products researched and developed by company have twelve series and ninety types. Some of them mainly apply to the white wood and red wood furniture, paneltype furniture ,door manufacturing ,advertisement and decoration ,logo signage ,craft gift and mold Industry, etc.

Our company mainly has two types—cutting plotter and CNC engraver machine has the huge market both in the domestic and overseas, and access to the CE,ROHS and BV certification.The sales network covers the whole country , products are exported to Europe and America , the Middle East and southeast Asia etc, about sixty countries and regions.



European Union CE certification



European Union ROHS certification



French BV authentication



Contents

- P01.....Automatic Tool Changing Series Line type
- P02.....Intelligent Multi Processes- Three Processes Series
- P03.....Landing Ship Series-Short leg/Extended short leg
- P04.....Cruiser Series
- P05.....Destroyer Series
- P06.....Stone engraving machine
- P07.....Plasma Cutting Machine
- P08.....Cylinder engraving machine
- P09.....Neptune series
- P10.....Mould engraving machine
- P11.....Sirius series
- P12.....Mini engraver
- P13.....Laser engraving machine
- P14.....Cutting plotter(GC Type)
- P15.....Cutting plotter(Economical Type)
- P16.....Cutting plotter(Practical Type)
- P17.....Cutting plotter(Luxurious Type)
- P18.....Cutting plotter(Artistic Type)
- P19.....CNC engraver/router machine optional accessories
- P20.....Sample and Tool Show

Automatic Tool Changing Series Line type



ATC-1325

Features

- ◆ Stable structure: Adopting heavy type all steel structure welded body features rigidity and non deformation.
- ◆ Excellent components: Taiwan Syntec control system; Italian HSD spindle; high precision ceramic spindle bearing features low noise and long life span; imported linear square rail, rolling ball screw features heavy loading and accurate positioning; employing Panasonic AC servo system features large torque and remarkable safety system.
- ◆ Line type automatic tool changing system; Capacity of tool magazine can be eight pcs tools (different diameters of tools are available)
- ◆ Adopting powerful vacuum absorption system, the table is divided into six independent areas which can work synchronously efficiently.

Applications

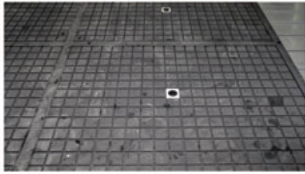
- ◆ Wooden door, furniture and decoration field: Solid and composite material door, cupboard panel, large area board surface carving, solid wood carving and hollowing, board furniture carving, antique reproduction furniture carving, solid art fresco carving, etc.
- ◆ Wooden crafts making: clock frame, art photo frame, thin aluminium plate crafts carving and hollowing, appliance cabinet panel, sports goods.
- ◆ Electronic field: electrocircuit, insulation materials, LED screen, family appliance (TV, washing machine, refrigerator) shell and model carving.
- ◆ Musical instrument field: Three dimension curve surface carving, outline cutting, carving and hollowing of violin panel and head.
- ◆ EVA processing field: Carving and hollowing of VA material packing tools, medical apparatus, electronic products, carving



Technical parameters

ATC-1325		
	Specification	Parameter
Working area	X axis	1300mm
	Y axis	2500mm
	Z axis	250mm
Dimension	X x Y	1350x2550mm
Precision	Processing	± 0.05mm
	Positioning	± 0.02mm
Structure	Structure of table	Vacuum absorption into six areas
	Transmission of X,Y,Z Axis	X, Y axis gear rack, Z axis rolling ball screw transmission
Speed	MAX idle speed	30000mm/min
	MAX processing speed	X/Y: 20000mm/min Z: 15000 mm/min
Spindle	Power	HSD ES919 8.0KW
	Rotary rate	0-24000r/min
Tool magazine	Tool changing cycle	7S
	Tool holder	ISO30-ER32-70L
	Capacity	Line type tool magazine with 8 pcs tools (Diameter of tools specified by customer)
	Driving motor	AC servo system (Panasonic)
	Working Voltage	AC380V/50Hz
	Code	G Code
	Control system	Taiwan Syntec control system
	Power of Vacuum	5.5KW
	Power of dust collector	2.2KW
	Dimension	3600 x 2140 x 2000mm
	Net weight	≈2000kg
	Grass weight	≈2300kg

Intelligent Multi Processes- Three Processes Series



ATC-1325-T3

Features

- ◆ The automatic three processes engraving machine is easier to operate than the single spindle engraver and also saves tool changing time. By holding three pcs tools, this machine can finish the processes of cutting and hollowing-out on wooden door at one time without changing tools. Consequently it makes processing easier and greatly improves working efficiency.
- ◆ Multi procedures system as a option for cost performance, makes the processing of complicated crafts much easier and more efficient.
- ◆ Stable structure: Adopting heavy type all steel structure welded body features rigidity and non deformation.
- ◆ Excellent components: Taiwan Syntec control system; Gear rack transmission for X, Y axis features high strength and abrasive resistance; imported rolling ball screw transmission for Z axis features heavy loading and accurate position.
- ◆ Adopting powerful vacuum absorption system, the table is

Applications

- ◆ Wooden door, furniture and decoration field: Solid and composite material door, cupboard panel, large area board surface carving, solid wood carving and hollowing, board furniture carving, antique reproduction furniture carving, solid art fresco carving, etc.
- ◆ Wooden crafts making: clock frame, art photo frame, thin aluminium plate crafts carving and hollowing, appliance cabinet panel, sports goods.
- ◆ Electronic field: electrocircuit, insulation materials, LED screen, family appliance (TV, washing machine, refrigerator) shell and model carving.
- ◆ Musical instrument field: Three dimension curve surface carving, outline cutting, carving and hollowing of violin panel and head.
- ◆ EVA processing field: Carving and hollowing of VA material

Technical parameters

ATC-1325-T3		
Specification	Parameter	
Working area	X axis	1300mm
	Y axis	2500mm
	Z axis	160mm
Dimension	X x Y	1350x2550mm
Precision	Processing	± 0.05mm
	Positioning	± 0.02mm
Structure	Structure of table	Vacuum absorption into six areas
	Transmission of X,Y,Z Axis	X, Y axis gear rack, Z axis rolling ball screw transmission
Speed	MAX idle speed	40000mm/min
	MAX processing speed	X/Y: 20000mm/min Z: 15000 mm/min
Spindle	Power	6.0KW 4.5KW, 3KW (Specified by customer)
	Rotary rate	0-18000r/min
	feeding height	210mm
	Driving motor	AC servo (Yaskawa)
	Working Voltage	AC380V/50Hz
	Code	G Code
	Control system	Taiwan syntec and NC Studio control system
	Power of Vacuum	5.5KW
	Power of dust collector	2.2KW
	Dimension	3600 x 2140 x 2000mm
	Net weight	≈ 2500kg
	Grass weight	≈ 2800kg

Landing Ship Series—Short leg/Extended short leg



ZMD-1325A

Technical parameters

Model	ZMD-1313A	ZMD-1325A	ZMD-1530A	ZMD-2040A
Dimension	1300×1300mm	1300×2500mm	1500×3000mm	2000×4000mm
feeding height			160mm	
Idle speed			20m/min	
Processing speed			10m/min	
Spindle power		800W~4.5KW frequency adjustable water cooling spindle		
Rotary rate		6000 or 24000 rpm/min		
Working Voltage		AC220V/50Hz or AC380V/50Hz		
Engraving tool		φ 3.175/4/6/12.7mm		
File format		G code/ HPGL		
Positioning precision		±0.05mm		
second time positioning precision		±0.02mm		
control system		NC Studio PCIMC motion control system		

Features

- ◆ Adopting imported linear square rail ensures heavy loading, stable running, and high precision.
- ◆ Gear rack transmission for all axes ensures high accuracy and abrasion resistance
- ◆ Manual lubricator for option saves maintenance time and extends the lifetime of square rail.
- ◆ Employing high performance frequency adjustable constant power water cooling spindle and inverter with good performance, large torque, and high efficiency.
- ◆ Fast and stable by adopting performance motor and driving motor and double motors for Y axis.
- ◆ Compatible with any advanced software such as Type3/Artcam/CAXA/UG/Pro-E/Mastercam/Ucancam and so on.

Applications

Classical mahogany furniture, European style furniture, antique reproduction furniture carving, screen hollowing-cutout, solid wood door, art craft wooden door, free of non-paint door, art craft window, various of tables, board furniture, advertising signs, scutcheon making, acrylic cutting, blister light boxes, curtain wall making, copper, aluminium, plastic board, wooden board and non metal mould.

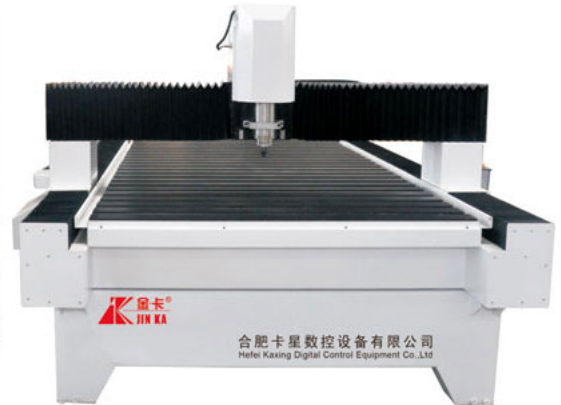




ZMD-1325B



ZMD-1325C



Technical parameters

Model	ZMD-1313B	ZMD-1318B	ZMD-1325B	ZMD-1325C
Dimension	1300×1300mm	1300×1800mm	1300×2500mm	1300×2500mm
feeding height		200mm		
Idle speed		20m/min		
Processing speed		10m/min		
Spindle power	800W-4.5KW frequency adjustable water cooling spindle			
Rotary rate		6000 or 24000 rpm/min		
Working Voltage	AC220V/50Hz or AC380V/50Hz			
Engraving tool	φ3.175/4/6/12.7mm			
File format	G code/ HPGL			
Positioning precision	±0.05mm			
second time positioning precision	±0.02mm			
control system	NC Studio PCIMC motion control system			

Options

- ◆ Double independent Z axes or single Z axis with multi spindles (At most six pcs 1.5KW spindles)
- ◆ NC Studio PCIMC 6B motion control system
- ◆ DSP control system
- ◆ Panasonic, Yaskawa AC servo system
- ◆ Air cooling spindle
- ◆ Rolling ball screw (imported for option) transmit for Z axis
- ◆ Extended brackets; Feeding height 250mm
- ◆ Dust collector
- ◆ Vacuum absorption
- ◆ Industrial cooling system

Features

- ◆ Adopting imported linear square rail ensures heavy loading, stable running, and high precision.
- ◆ Manual lubricator for option saves maintenance time and extends the lifetime of square rail.
- ◆ CNC control system ensures recovery function by remembering the working coordinate and continue to work with it after cutting of power or braking of tools
- ◆ Integrated body ensures rigidity and non-deformation.

Applications

Applicable to marking, Sofa, solid wooden furniture, board furniture, solid wooden door, art craft door, non-paint door, wave board, decoration materials, cupboard doors, computer table, mahjong table, office furniture, musical instruments, wooden sound box, sewing machine table, appliance cabinet panels, sports goods , etc.

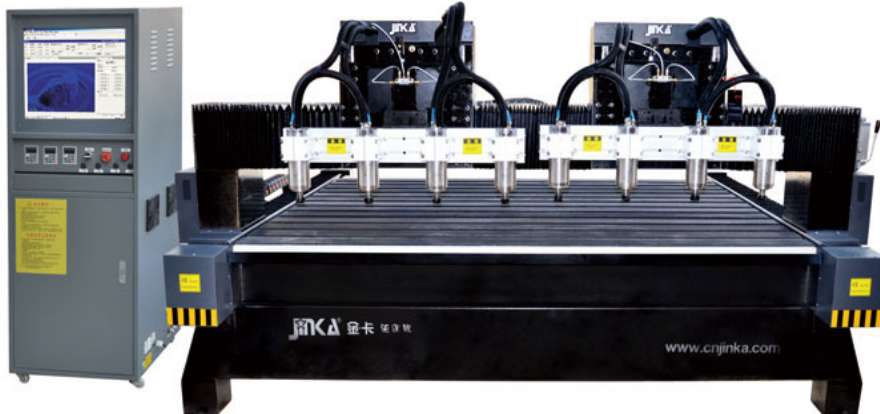
Sample show



Standard configuration

- ◆ NC Studio motion control system
- ◆ Step driver
- ◆ Frequency adjustable constant power water cooling spindle
- ◆ Linear square rail and slide block imported from Taiwan
- ◆ Super body, large brackets
- ◆ Thick aviation aluminium table
- ◆ Gear rack transmission ;
- ◆ Control cabinet
- ◆ Manual oil lubricator
- ◆ Dust cover for X, Y axis
- ◆ Patented box type brackets
- ◆ Patented appearance

Destroyer Series



ZMD-2015B



ZMD-1618C

Options

- ◆ NC Studio PCIMC 6B motion control system
- ◆ DSP control system
- ◆ Panasonic, Yaskawa AC servo system
- ◆ Air cooling spindle
- ◆ Rolling ball screw (imported for option) transmit for X/Z axis
- ◆ Short leg/Extended short leg, the feeding height can reach 250mm

Standard configuration

- ◆ NC Studio motion control system
- ◆ Step driver
- ◆ Frequency adjustable constant power water cooling spindle
- ◆ Imported linear square rail
- ◆ Super body, large brackets
- ◆ Thick aviation aluminium table
- ◆ Gear rack transmission
- ◆ Control cabinet
- ◆ Manual oil lubricator
- ◆ Dust cover for X, Y axis
- ◆ Patented box type brackets

Technical parameters

Model	ZMD-1618C	ZMD-2015B	ZMD-2025B	ZMD-2030B
Dimension	1600×1800mm	2000×1500mm	2000×2500mm	2000×3000mm
feeding height		200mm		
Idle speed		15m/min		
Processing speed		10m/min		
Spindle power	800W-2.2KW frequency adjustable water cooling spindle			
Rotary rate		6000 or 24000 rpm/min		
Working Voltage		AC220V/50Hz		
Engraving tool		φ 3.175/4/6mm		
File format		G code/ HPGL		
Positioning precision		±0.05mm		
second time positioning precision		±0.02mm		
control system	NC Studio PCIMC motion control system			

Sample show



Features

- ◆ Adopting imported linear square rail ensures heavy loading, stable running, and high precision.
- ◆ Manual lubricator for option saves maintenance time and extends the lifetime of square rail.
- ◆ CNC control system ensures recovery function by remembering the working coordinate and continue to work with it after cutting of power or braking of tools
- ◆ Integrated body ensures rigidity and non-deformation.

Applications

Applicable to marking, Sofa, solid wooden furniture, board furniture, solid wooden door, art craft door, non-paint door, wave board, decoration materials, cupboard doors, computer table, mahjong table, office furniture, musical instruments, wooden sound box, sewing machine table, appliance cabinet panels, sports goods , etc.



SD-1325A

Technical parameters

Model	SD-1325
Dimension	1300×2500mm
feeding height	160mm
Idle speed	15m/min
Processing speed	10m/min
Transmission Type	Gear rack
Spindle power	3.0KW frequency adjustable water cooling spindle
Rotary rate	6000 or 24000 rpm/min
Working Voltage	AC220V/50Hz
Engraving tool	∅ 3.175/4/6/12.7mm
File format	G code/ HPGL
Positioning precision	±0.03mm
second time positioning precision	±0.02mm
control system	NC Studio PCIMC motion control system

Applications

Marble, Granite, Blue Stone, Jade, Crystal, Tomb Stone, Agate, Porcelain, Glass, Plastic, Chemical Synthetic Board, Bamboo, Wood, Stainless Steel, Iron, Copper, Aluminium, Titanium Alloy.

Options

- ◆ Double independent Z axis
- ◆ Panasonic AC servo system
- ◆ NK200 CNC system
- ◆ Industrial water cooling system

Features

- ◆ Employing imported linear square rail and two rows, four columns motion slides features heavy loading, steady working, high precision, long life span and accurate positioning.
- ◆ The machine employing steel structure features good rigidity, heavy loading and non-deformation.
- ◆ Constant power spindle possesses large torque and high efficiency.
- ◆ Compatible with any advanced CAM software, such as Type3, Artcam, CAXA, UG, Pro-E, Mastercam, UcamcamV8, and so on.
- ◆ Life span of engraving tool is prolonged by adopting bidirectional cooling system.
- ◆ CNC control system features recovery function by remembering the working coordinate and continue to work with it after cutting of power or braking of tools
- ◆ Low use cost, Powerful function, Wild applications.

Sample show



Plasma Cutting Machine



PCM-1325

Technical parameters

Model	PCM-1318	PCM-1325
Dimension	1300×1800mm	1300×2500mm
Cutting Thickness	0.3-20mm	
Processing Material	Stainless steel, aluminum, iron, titanium, copper	
Cutting Speed	0-6000mm/min	
Working Voltage	AC220V/50Hz	
Command	G code	
Control system	NC Studio PCIMC motion control system	

Applications

Widely used in Decoration and Advertising, Shipbuilding, Engineering machinery, Mining machinery, Pressure Container, Vehicles, Bridge, Chemical engineering machinery, Cutting steel plates, Efficiently processing steel plates, alu-minum plates, zinc plated sheets, titanium plates.

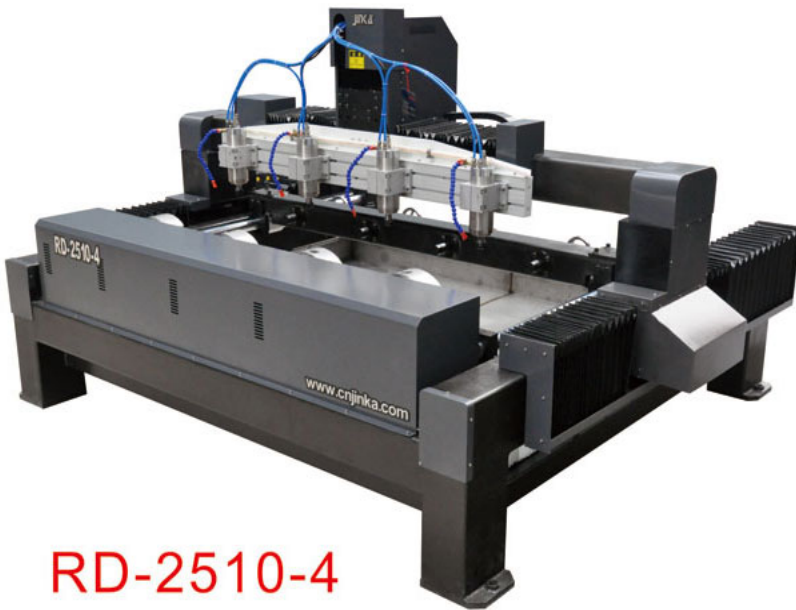
Features

- ◆With gantry structure, double motors and double drivers for Y axis, double linear rails for X, Y, Z axis ensure steady moving and high precision.
- ◆Professional controlling system can go to origin automatically and manually, and also can simulate, predict processing time, load processing routes, memory after break-point and so on.
- ◆Humanized design and auto programming.
- ◆The computer can perform the whole procedure from programme generating to processing and cutting,
- ◆Configured with the programming software, transforming the picture in CAD or CAXA to G-code file for processing.
- ◆Operating the programme nesting easily, which can improve the cutting efficiency and quality under the condition of improving the nesting utilization.
- ◆High-performance driving system ensures high-precision controlling.
- ◆Automatic arc, automatic arc voltage adjusting.
- ◆Supporting the file formats G-code, PLT code and DXF, generated by CAD software.

Sample show



Cylinder engraving machine



Technical parameters

Model	RD-3020	RD-6590	RD-1650-4	RD-2010-4	RD-2510-4
working length	200mm	300mm	500mm	1000mm	1000mm
Chuck specifications	φ 80mm	φ 80mm	φ 160mm	φ 200mm	φ 250mm
Idle speed	10m/min	15m/min	20m/min	20m/min	20m/min
Processing speed	5m/min	10m/min	15m/min	15m/min	15m/min
Spindle power	800W frequency adjustable water cooling spindle		800W~2.2KW frequency adjustable water cooling spindle		
Rotary rate	6000 or 24000 rpm/min				
Working Voltage	AC220V/50Hz or AC380V/50Hz				
Engraving tool	φ 3.175/4/6mm				
File format	G code/ HPGL				
Positioning precision	±0.03mm				
second time positioning precision	±0.02mm				
control system	NC Studio PCIMC motion control system				

Features

- ◆ Adopting imported rolling ball screw and high precision rotary axis with the ability to handle different size cylinder work pieces.
- ◆ High precision step motor system
- ◆ Employing unique intellectual prediction arithmetic fully contributes to the proficiency of driving system, which achieves the high speed processing , synchronization of line and curve processing as well as smooth curve.
- ◆ CNC control system features recovery function by remembering the working coordinate and continue to work with it after cutting of power or braking of tools
- ◆ Compatible with any advanced CAM software, such as Type3, Artcam, CAXA, UG, Pro-E, Mastercam, UcamV8, and so on.

Applications

European-style marble pillar, Archaized blackwood furniture, Pencil vase, pen, Brush pen, Chopsticks, Bamboo handicrafts, Tridimensional handicrafts, Jewelry, Any cylindrical objects.



Options

RD-3020

- ◆ DSP motion control system

RD-6590
RD-1650-4

Options for three axes :

- ◆ NC Studio PCIMC 6B motion control system
 - ◆ DSP motion control system
 - ◆ Panasonic or Yaskawa AC servo system
- Options for four axes :
- ◆ NC Studio PCIMC 74A motion control system
 - ◆ Panasonic or Yaskawa AC servo system

RD-2010-4
RD-2510-4

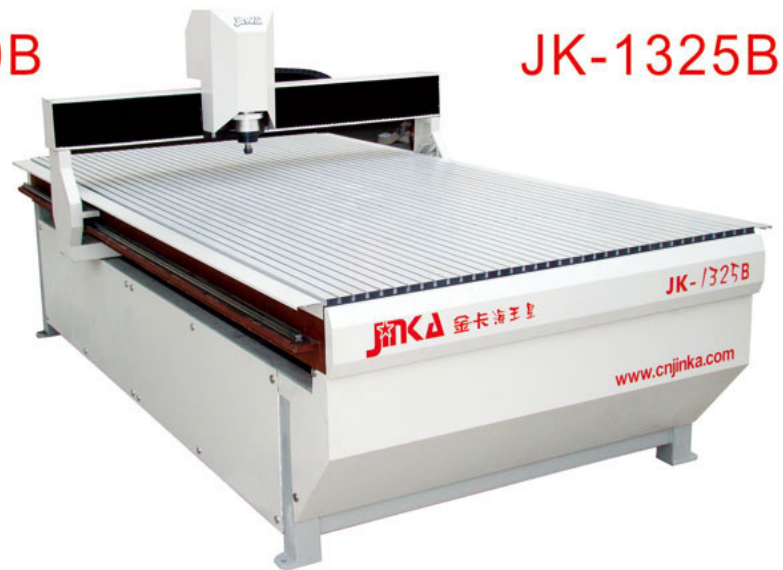
Options for three axes :

- ◆ NC Studio PCIMC 6B motion control system
 - ◆ DSP motion control system
 - ◆ Panasonic or Yaskawa AC servo system
 - ◆ Extended brackets; Feeding height 250mm
- Options for four axes :
- ◆ NC Studio PCIMC 74A motion control system
 - ◆ Panasonic or Yaskawa AC servo system
 - ◆ Extended brackets; Feeding height 250mm

Neptune series



JK-6590B



JK-1325B



Technical parameters

Model	JK-3525B	JK-6590B	JK-1313B	JK-1325B
Dimension	350×250mm	650×900mm	1300×1300mm	1300×2500mm
feeding height	85mm	160mm	160mm	160mm
Idle speed	10m/min		15m/min	
Processing speed	5m/min		10m/min	
Spindle power	800W frequency adjustable water cooling spindle		800W~1.5KW frequency adjustable water cooling spindle	
Rotary rate		6000 or 24000 rpm/min		
Working Voltage		AC220V/50Hz or AC380V/50Hz		
Engraving tool		φ3.175/4/6mm		
File format		G code/ HPGL		
Positioning precision		±0.03mm		
second time positioning precision		±0.02mm		
control system		NC Studio PCIMC motion control system		

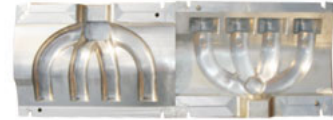
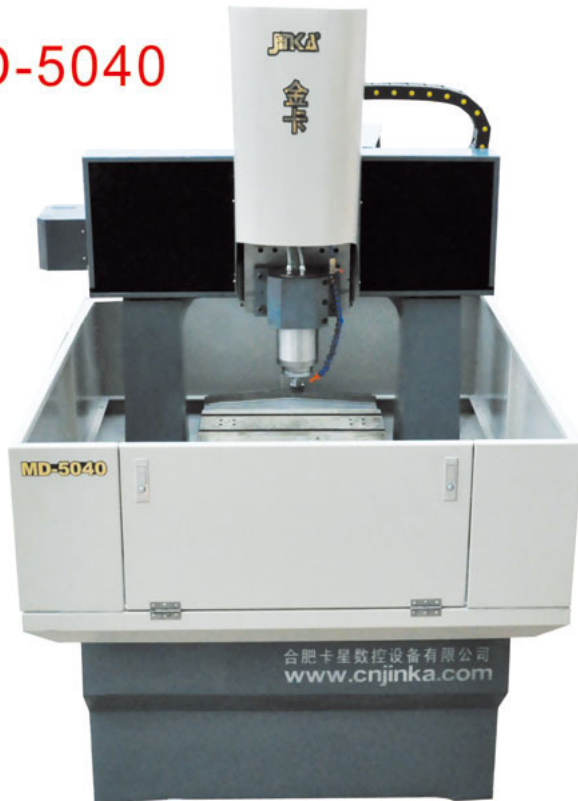
Features

- ◆ Integrated casting body features rigidity and non-deformation.
- ◆ Employing imported high precision rolling ball screw possesses high accuracy and speed.
- ◆ Adopting constant power frequency adjustable water cooling spindle features good performance, large torque, and high efficiency.
- ◆ Intellective control of the processing speed, idle speed and down speed improves efficiency and quality of processing, also extends the tool's life time.
- ◆ CNC control system features recovery function by remembering the working coordinate and continue to work with it after cutting of power or braking of tools;
- ◆ Compatible with any advanced software such as Type3/Artcam/CAXA/UG/Pro-E/Mastercam/Ucancam and so on.

Applications

Classical red wood furniture, European style furniture, archaized furniture, figure of Buddha, niche for a statue of the Buddha, bamboo handicraft, brick engraving, jade jewelry, artificial marble sculpture, copper or aluminium handicraft, hairpin, photo frame, art ware, toy, architecture model, decoration, advertising signs and scutcheon making, acrylic cutting, blister light boxes, jade jewelry, mobile phone panel, electrocircuit board, electric appliance panel, moon cake mould making, etc.

MD-5040



Technical parameters

Model	MD-3020	MD-5040
Dimension	300×200mm	500×400mm
feeding height	70mm	250mm
Idle speed	10m/min	15m/min
Processing speed	5m/min	10m/min
Transmission Type	Gear rack	Gear rack
Spindle power	1.0KW frequency adjustable water cooling spindle	3.0KW frequency adjustable water cooling spindle
Rotary rate	6000 or 24000 rpm/min	
Working Voltage	AC220V/50Hz	
Engraving tool	φ3.175/4/6mm	
File format	G code/ HPGL	
Positioning precision	±0.02mm	
second time positioning precision	±0.01mm	
control system	NC Studio PCIMC motion control system	



MD-3020

Features

- ◆ Adopting casting structure for body, gantry, brackets features better rigidity.
- ◆ Fully-closed or semi-closed design
- ◆ Imported rolling ball screw and linear square rail
- ◆ High precision, powerful, high speed spindle
- ◆ Compatible with various popular engraving software features easy operation by employing international standard G code file format.
- ◆ Adopting imported servo system featuring high precision and long time working possesses malposition detecting and alarm function
- ◆ Movement of table ensures high accuracy of processing.
- ◆ All the mount surfaces for square rails are well polished before installation.

Applications

Mould for small and medium vehicle parts, plastic mould, Pressing mould, High-frequency mould Red copper electrode, Black lead, Shoes mould, Plastic drop bronzing mould, Jade engraving, Jewelry, Stamp, Crafts, Processing Various precise instruments.

Sirius series



JK-1315D-6



JK-1315D-2Z-4

Technical parameters

Model	JK-1315D-3Z	JK-1315D-2Z-4	JK-1315D-6
Dimension	1300×1500mm	1300×1500mm	1300×1500mm
feeding height	180mm	180mm	180mm
Idle speed	20m/min	20m/min	20m/min
Processing speed	15m/min	15m/min	15m/min
Driving motor	Panasonic AC servo system	Panasonic AC servo system	Panasonic AC servo system
Spindle power	800W~1.5KW frequency adjustable water cooling spindle	2×2×(800W~1.5KW) frequency adjustable water cooling spindle	6×(800W~1.5KW) frequency adjustable water cooling spindle
Rotary rate	6000 or 24000 rpm/min	6000 or 24000 rpm/min	6000 or 24000 rpm/min
Working Voltage	AC220V/50Hz	AC220V/50Hz	AC220V/50Hz
Engraving tool	φ 3.175/4/6mm	φ 3.175/4/6mm	φ 3.175/4/6mm
File format	G code/ HPGL	G code/ HPGL	G code/ HPGL
Positioning precision	±0.03mm	±0.03mm	±0.03mm
second time positioning precision	±0.02mm	±0.02mm	±0.02mm
control system	NC Studio PCIMC motion control system	NC Studio PCIMC motion control system	NC Studio PCIMC motion control system

Features

- ◆Jinka Sirius series engraving machine which is the best new model engraving machine by adopting best configuration features high quality processing of complicated red wood furniture.
- ◆Employing integrated reinforced casting aluminium structure ensures high speed and low noise running.
- ◆Function such as resumption after cutting of power, on the knife automatically, path prediction.
- ◆Adopting imported linear square rail, four rows of rolling balls and high strength good quality steel features high precision, long life span as well as abrasive resistance.
- ◆Adopting cast aluminium gantry and rigid body features duration and non-deformation.
- ◆Adopting imported servo system featuring high precision and long time working possesses malposition detecting and alarm function
- ◆Employing unique intellectual prediction arithmetic fully develop the proficiency of driving system, which achieves the high speed processing , synchronization of line and curve processing as well as smooth curve.
- ◆Compatible with any advanced software such as Type3/Artcam/CAXA/UG/Pro-E/Mastercam/JD/Ucancam and so on

Applications

Applicable to marking, Sofa, solid wooden furniture, board furniture, solid wooden door, art craft door, non-paint door, wave board, decoration materials, cupboard doors, computer table, mahjong table, office furniture, musical instruments, wooden sound box, sewing machine table, appliance cabinet panels, sports goods , etc.



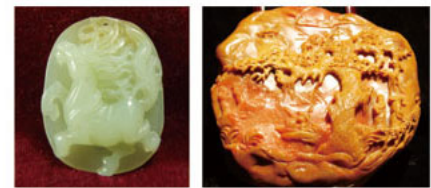
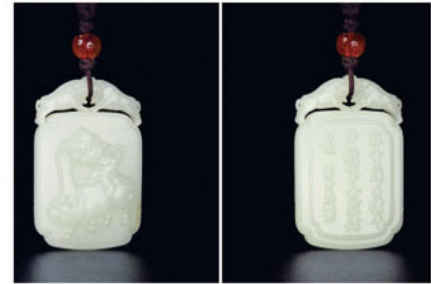
Sample show



JK-3525



JK-3020



Technical parameters

Model	JK-3525	JK-3020	JK-4040	JK-4040SV
Driving motor	Stepping motor		Stepping motor	Servo motor
Dimension	350×250mm	300×200mm	400×400mm	400×400mm
feeding height	85mm/145mm	100mm	120mm/200mm	
Idle speed	10m/min		10m/min	15m/min
Processing speed	5m/min		5m/min	10m/min
Spindle power	800W frequency adjustable water cooling spindle			
Rotary rate	6000 or 24000 rpm/min			
Working Voltage	AC220V/50Hz			
Engraving tool	φ 3.175/4/6mm			
File format	G code/ HPGL			
Positioning precision	±0.03mm			
second time positioning precision	±0.02mm			
control system	NC Studio PCIMC motion control system			

Features

- ◆ Integrated casting body features rigidity and non-deformation.
- ◆ Employing imported high precision rolling ball screw possesses high accuracy and speed.
- ◆ Adopting constant power frequency adjustable water cooling spindle features good performance, large torque, and high efficiency.
- ◆ Intellectual control of the processing speed, idle speed and down speed improves efficiency and quality of processing, also extends the tool's life time.
- ◆ CNC control system features recovery function by remembering the working coordinate and continue to work with it after cutting of power or braking of tools
- ◆ Compatible with any advanced software such as Type3/Artcam/CAXA/UG/Pro-E/Mastercam/JD/Ucancam and so on

Applications

Advertising signs and scutcheon making, acrylic cutting, blister light boxes, jade jewelry, mobile phone panel, electrocircuit board, electric appliance panel, moon cake mould making, etc.

Laser engraving machine



JL-1325



JL-1280

Technical parameters

Model	JL-1280	JL-1325
Processing area	1200×800mm	1300×2500mm
Laser power	80W 100W(Optional)	
Laser type	Co2 Laser tube	
Engraving speed	0-60,000mm/min	
Resetting positioning accuracy	±0.01mm	±0.05mm
Power supply	AC110-220V±10%,50-60Hz	
Operating temperature	0-45° C	
Operating humidity	5-95%	
Min.shaping character	English 1mm×1mm	
Graphic format supported	BMP,HPGL,JPEG,PLT,DST,DXP,DXF,DWG and CDR,AI	BMP,HPGL,PLT,DST and AI
Softwaer supported	ArtCut,CorelDraw.PhotoShop,AutoCAD	
Driving system	Stepper	
Cooling mode	Water-cooling and protection system	
Equipment Dimensions	1720×1210×1070mm	2980×1800×1000mm
Net Weight	280kg	
Optional Spare Parts	Up-down clump,Rotary System,Honeycomb table,Metal Laser Tube	
Recommended Spare Parts	Laser Tube and Lens	

Sample show



Features

- ◆Characteristic design, the maximun cutting speed can be up to 2000mm/s.
- ◆Configured higher power laser tube, can easily cut acrylic of 20mm thickness in one time.
- ◆Advanced controlling system, rich functions, can effect engraving on plane, gradient engraving by 360 degree, cutting and drilling holes, etc.
- ◆Transmit files directly in CorelDraw, AutoCAD etc.
- ◆Adopt international laser, ensure the perfect cutting effect.

Applications

Applicable materials:wood, bamboo, organic glass, crystal, plastic, garments, paper, leather, rubber, ceramic, glass and other nonmetal materials.
Applicable industries:advertisement, gift, shoes, toys, computers, garments, model cutting, building, packaging, paper industry.

Cutting plotter(GC Type)



GC-24



GC-48S

Technical parameters

Model Item	GC-24	GC-48	GC-24S	GC-48S
Drive System	Stepping motor		Servo motor	
Max.paper width	740mm	1310mm	740mm	1310mm
Max.plotting width	640mm	1210mm	640mm	1210mm
Interface	Serial port & USB port			
Language Format	DMPL / HPGL			
Max. plotting speed	800mm/s		1200mm/s	
Max. cutting force	500g			
Cutting Tool	Imported hardness alloy steel blade			
Power supply	AC90V~AC240V			
Operation Environment	Temperature:5℃~35℃ Relative humidity:(30%-50%)without condensation			
Net weight	12.6kgs	28kgs	12.6kgs	28kgs
Packing size	100×35×40cm	160×35×40cm	100×35×40cm	160×35×40cm
Colors	White color, grey color, black color			

Features

- ◆ Forward direction and reverse direction paper feed with origin of any given
- ◆ GC cutting plotter adopt the imported stepping motor, lower noise gritting roller and better carriage, making much more precise GCS adopt the imported servo motor, faster speed, higher precision and lower noise. In Chinese and English, German, France, Spain.
- ◆ European popular large screen high bright display, clearly to operate
- ◆ Real USB interface to connection computer also support hot-plug
- ◆ Serial and parallel port、large memory、quick off-line
- ◆ Domestic popular plotting language, supporting many popular kinds of software at home and abroad
- ◆ Unique double cutter position, double pressing strips for processing different kinds of materials

Cutting plotter(Economical Type)



JK-361



JK-721



Technical parameters

Model Item	JK-360	JK-720	JK-870	JK-361	JK-721	JK-871	JK-1101	JK-1351
Max. paper width	360mm	720mm	870mm	360mm	720mm	870mm	1100mm	1350mm
Max. plotting width	270mm	630mm	780mm	270mm	630mm	780mm	1010mm	1260mm
Memory	1M	1M	1M	1-4M	1-4M	1-4M	1-4M	1-4M
Driving way	Constant current buckle wave		Constant current buckle wave		Sine wave			
Max. plotting speed	500mm/s				800mm/s			
Max. cutting force	400g							
Mechanical Resolution	0.0254mm							
Interface	COM				COM,USB			
Power supply	Transformer					Switching power supply		
Stand	No	Optional		No	Yes			
Colors	Light gray							

Features

- ◆ Professionally Integrated circuit with high precision and high speed
- ◆ In time regulation on speed and force, setup the origin point at discretion
- ◆ Advanced aluminum alloying structure excellent workmanship, long used life and durability
- ◆ Supporting various of popular software on the market.
- ◆ Origin imported high speed stepping motor, low noise, cutting more precisely
- ◆ Unique blade soft landing function, easy for cutting
- ◆ Compatible with many computer operation systems such as Windows XP,Vista,Windows7 (32bit&64bit)

Cutting plotter(Practical Type)



JK-361



JK-721



JK-1351

Technical parameters

Model Item	JK-361	JK-721	JK-871	JK-1101	JK-1351
Max.paper width	360mm	720mm	870mm	1100mm	1350mm
Max.plotting width	270mm	630mm	780mm	1000mm	1260mm
Interface	Serial port & USB port				
Language Format	DMPL / HPGL(adopte some kinds of softwares such as Coredraw etc)				
Max. plotting speed	800mm/s				
Max. cutting force	500g				
Cutting Tool	Imported hardness alloy steel blade				
Power supply	AC90V~AC240V				
Operation Environment	Temperature:5℃~35℃		Relative humidity:(30%-50%)without condensation		
Net weight	11kgs	20kgs	23kgs	27kgs	31kgs
Packing size	60.5×35×37cm	96×35×43cm	111×35×43cm	134×35×43cm	159×35×43cm
Colors	White,Light gray,dark gray				

Features

- ◆ Characteristic design, adjusting cutting force and plotting speed at any time
- ◆ European popular large screen high bright display, clearly to operate
- ◆ USB interface optional, supporting plug in and off when power is on
- ◆ Domestic popular plotting language, supporting many popular kinds of software at home and abroad
- ◆ Unique double cutter position, double pressing strips for processing different kinds of materials
- ◆ Compatible with many computer operation systems such as Windows XP,Vista,Windows7 (32bit&64bit)



Cutting plotter(Luxurious Type)

JK-1351



JK-721

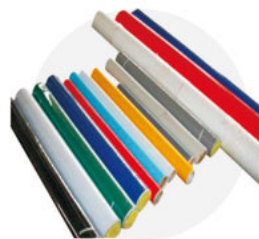


Technical parameters

Model Item	JK-361	JK-721	JK-871	JK-1101	JK-1351
Max. paper width	360mm	720mm	870mm	1100mm	1350mm
Max. plotting width	270mm	630mm	780mm	1010mm	1260mm
Interface	Serial port & USB port				
Language Format	DMPL / HPGL(adopte some kinds of softwares such as CoreDraw etc)				
Max. plotting speed	800mm/s				
Max. cutting force	500g				
Cutting Tool	Imported hardness alloy steel blade				
Power supply	AC90V~AC240V				
Operation Environment	Temperature:5℃~35℃ Relative humidity:(30%-50%)without condensation				
Net weight	11kgs	20kgs	23kgs	27kgs	31kgs
Packing size	60.5×35×37cm	96×35×43cm	111×35×43cm	134×35×43cm	159×35×43cm
Colors	Bright white , Bright black				

Features

- ◆ High strength aluminium alloying structure, streamlined design, beautifully and gracefully
- ◆ Unique cutting blade soft landing function, cutting thicker material more easily
- ◆ Luxurious push and pull vinyl basket, convenient for practical operation
- ◆ With USB high speed interface, supporting plug in and off when power is on, PNP
- ◆ Imported thin film controlling panel with nine keys, easy to operate
- ◆ Linear bearing carriage with high precision, high temperature resistant and never deformed characters
- ◆ Compatible with many computer operation systems such as Windows XP, Vista, Windows 7 (32bit&64bit)



Cutting plotter(Artistic Type)

JK-330



JK-240



Features

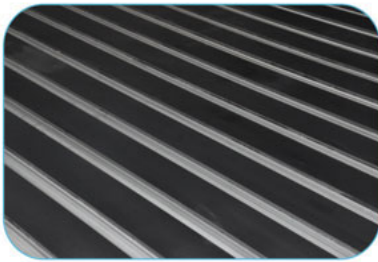
- ◆ A small cutting and drawing plotter with a registration mark laser on it.
- ◆ Drawing, cutting, kiss-cutting the outline sketch of the printed cartoon or other graphs for your business and hobbies.
- ◆ Powered by a 16V DC adaptor. Compatible with Windows 7(64bits &32bits), VISTA, XP, 2003, 2000.
- ◆ A Windows driver is provided and enables output from leading drawing software (eg CorelDRAW 12, Adobe IllustratorCS).

Technical parameters

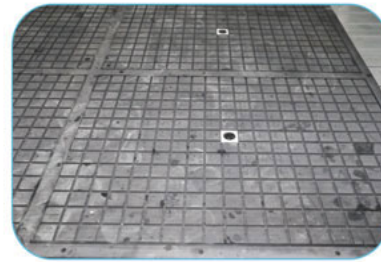
Model Item	JK-240	JK-330
Configuration	Grit-rolling	
Drive System	Stepping motor	
Max. cutting range	A4 size	A3 size
Material Width	60-350g(7 grades optional)	
cutting force	10-280mm/s(7 ranks optional)	
plotting speed	PVC or lactoprene sheet(less than 0.1mm thickness) Drawing paper, postcard, back-glue print paper, ink jet photo paper	
Available Material	USB1.0 or Rs232	
interface	Dedicated adapter, DC 16V 2.5A Input AC100V~AC240V;47HZ-66HZ	
Power supply	Temperature:5℃~30℃ Relative humidity:(35%-80%)without condensation	
Operation Environment	4.5kg	5.5kg
Net weight	5.0kg	6.0kg
Gross weight	White color, White & Blue color, Red color, Red & Black color	

CNC engraver/router machine optional accessories

working table type

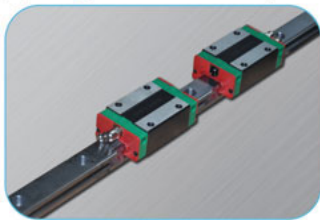


PVC working table

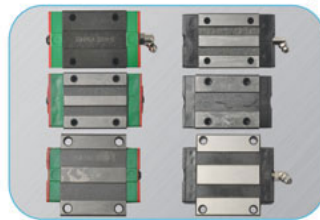


partition vacuum adsorption working table

guide rail, slider and lead screw(CNC engraver/router)



guide rail and slider import from Taiwan



imported various models slider



imported lead screw

optional accessories(CNC engraver/router machine)



Italy HSD air-cooling spindle



NC studio (6B)



DSP controller



Panasonic AC servo



Yaskawa AC servo



Precision CNC dividing head



Germany BECKER vacuum pump

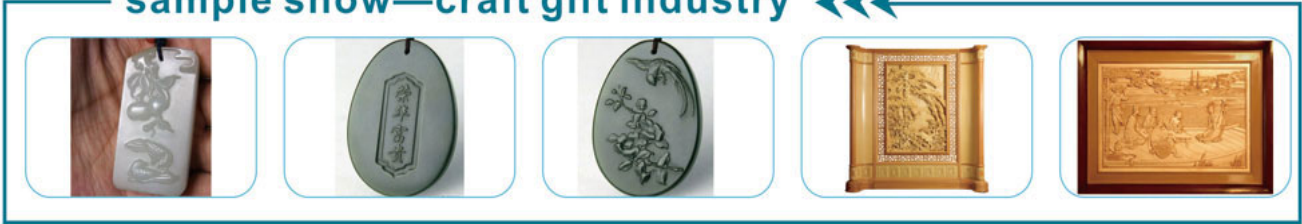


Bag cleaner



NK200 numerical control system

sample show—craft gift Industry <<<



sample show—furniture Industry <<<



sample show —advertising industry <<<



Tool selection

The effect of the finished product processing, good or bad, which depends on the choice of one hand tools. Cutting tools of choice, you must do the high applicability, to complete the processing of perfect. The cutting tool is the choice of blade, if the blade is bad, light can appear stick knife phenomenon, on the contrary, heavy will be cutting knife.





WWW.CNJINKA.COM

Jinka Good Quality ,Commitment to Innovation, Aim at Permanent, Integrity Win World

合肥卡星数控设备有限公司

HEFEI KAXING DIGITAL CONTROL EQUIPMENT CO.,LTD

International Department

Tel : +86-551-3627771 +86-551-3843905~909 ext. 8015

Fax : +86-551-3627771

Mobil : +86-13635691962

Website : www.cnjinka.com

www.cnjinka.en.alibaba.com

www.hfkaxing.en.made-in-China.com

E-mail : jinka@cnjinka.com

Address : No.316 Yuping Road (south) Economic development Area , Hefei , Anhui ,P.R. China

Product constantly updated, the primer parameters are subject to change without notice;
Pictures are for reference only, the actual products shall prevail.