

Combining Art
& Technology

®

KAVONE



An ISO 9001 : 2015
Certified Company



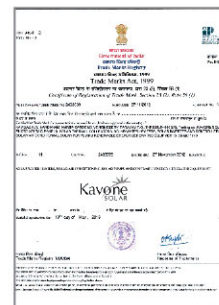
Certificate No. 304170418

ABOUT US

In the year 2004, KAVONE pioneered its route in the industry of machinery. KAVONE is specialized in the designing, developing, manufacturing and marketing of CNC machines. KAVONE machinery range includes CNC Cutting, Engraving and Routing for various applications. With our process control system, we automate single production lines as well as whole production plants in different levels, according to the requirements of our customers.

Quality, Good faith, Innovation and Service is our enterprise spirit. KAVONE always adhere to customers demand-oriented design, installation, debugging after sale technical support. The biggest asset of our company is our customers, and within this short period, KAVONE has successfully acquired a number of loyal clients. To continue our success, our associates will work to provide you with excellent and efficient customer support. To further guarantee satisfaction and insure machine effectiveness and quality functionality, KAVONE will supply you with original replacement parts for machines subject to heavy and consistent usage.

KAVONE's employees are dedicated in providing best solutions for customer requirements. The experienced KAVONE employees are generators of new ideas and developments, ready to meet latest challenges tracing with confidence the firm's structure. All of this is done aggressively with a solid grounding and support in new and existing knowledge. This approach, contributed strongly to KAVONE's relatively quick and successful penetration in the domestic and international markets.



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MODEL **KF2513**



SPECIFICATIONS

Model	KF2513	KF1390	KF3015
Work Area	2500x1300mm	1300x900mm	3000x1500mm
Laser Power	500/750/1000/2000W	500/750/1000/2000W	500/750/1000/2000W
Laser Power Control	0-100%	0-100%	0-100%
Laser Wave Length	1070±10nm	1070±10nm	1070±10nm
Laser Type	Optical Fiber Laser	Optical Fiber Laser	Optical Fiber Laser
Cutting Thickness (CS)	6/8/12/18mm	6/8/12/18mm	6/8/12/18mm
Precision	<0.04mm	<0.04mm	<0.04mm
Minimum Line Width	>0.12mm	>0.12mm	>0.12mm
Computer Interference	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN
Cooling	Industrial Water Cooling	Industrial Water Cooling	Industrial Water Cooling
Max. Cutting Speed	500mm/s	500mm/s	500mm/s
Power Consumption	≤14/15/16/20kW	≤14/15/16/20kW	≤14/15/16/20kW
Voltage	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz
Dimension	3200x1920x1220mm	1920x1310x1067mm	3900x2120x1220mm

MODEL **KF2513CL**



SPECIFICATIONS

Model	KF2513CL	KF1390CL	KF3015CL
Work Area	2500x1300mm	1300x900mm	3000x1500mm
Laser Power	500/750/1000/2000W	500/750/1000/2000W	500/750/1000/2000W
Frame	Closed Cabin	Closed Cabin	Closed Cabin
Laser Power Control	0-100%	0-100%	0-100%
Laser Wave Length	1070±10nm	1070±10nm	1070±10nm
Laser Type	Optical Fiber Laser	Optical Fiber Laser	Optical Fiber Laser
Cutting Thickness (CS)	6/8/12/18mm	6/8/12/18mm	6/8/12/18mm
Precision	<0.04mm	<0.04mm	<0.04mm
Minimum Line Width	>0.12mm	>0.12mm	>0.12mm
Computer Interference	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN
Cooling	Industrial Water Cooling	Industrial Water Cooling	Industrial Water Cooling
Max. Cutting Speed	500mm/s	500mm/s	500mm/s
Power Consumption	≤14/15/16/20kW	≤14/15/16/20kW	≤14/15/16/20kW
Voltage	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz

FIBER LASER WITH PIPE CUTTING



MODEL **KF3015P**



SPECIFICATIONS

Model	KF3015P	KF2513P
Work Area	3000x1500mm	2500x1300mm
Laser Power	500/750/1000/2000W	500/750/1000/2000W
Laser Power Control	0-100%	0-100%
Laser Wave Length	1070±10nm	1070±10nm
Laser Type	Optical Fiber Laser	Optical Fiber Laser
Cutting Thickness (CS)	6/8/12/18mm	6/8/12/18mm
Precision	<0.04mm	<0.04mm
Minimum Line Width	>0.12mm	>0.12mm
Computer Interference	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN
Cooling	Industrial Water Cooling	Industrial Water Cooling
Pipe Fitting	3000X30mm	2500X30mm
Max. Cutting Speed	500mm/s	500mm/s
Power Consumption	≤14/15/16/20kW	≤14/15/16/20kW
Voltage	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz

FIBER LASER WITH TWIN BED



MODEL **KF3015TB**



SPECIFICATIONS

Model	KF3015TB	KF2513TB
Work Area	3000x1500mm	2500x1300mm
Laser Power	500/750/1000/2000W	500/750/1000/2000W
Laser Power Control	0-100%	0-100%
Laser Wave Length	1070±10nm	1070±10nm
Laser Type	Optical Fiber Laser	Optical Fiber Laser
Cutting Thickness (CS)	6/8/12/18mm	6/8/12/18mm
Precision	<0.04mm	<0.04mm
Minimum Line Width	>0.12mm	>0.12mm
Bed	Twin Bed	Twin Bed
Computer Interference	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN
Cooling	Industrial Water Cooling	Industrial Water Cooling
Max. Cutting Speed	500mm/s	500mm/s
Power Consumption	≤14/15/16/20kW	≤14/15/16/20kW
Voltage	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz

MODEL **KFM20**



SPECIFICATIONS

Model	KFM20	KFM30
Engraving Area	100x100mm	150x150mm
Max Laser Power	20W	30W
Engraving Area (Optional)	200x200mm	200x200mm
Beam Quality M2	<1.2	<1.3
Laser Wave Length	1064nm	1064nm
Laser Power Control	0-100%	0-100%
Repetition Frequency	20-80kHz	20-80kHz
Marking Line Width	≤0.01mm	≤0.01mm
Marking Depth	≤0.3mm	≤0.35mm
Marking Line Speed	≤15000mm/s	≤15000mm/s
Minimum Character	0.1mm	0.1mm
Precision	±0.001mm	±0.001mm
Power Consumption	≤800W	≤800W
Voltage	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz
Weight	80kg	80kg

CNC BENDING MACHINE



MODEL KB130



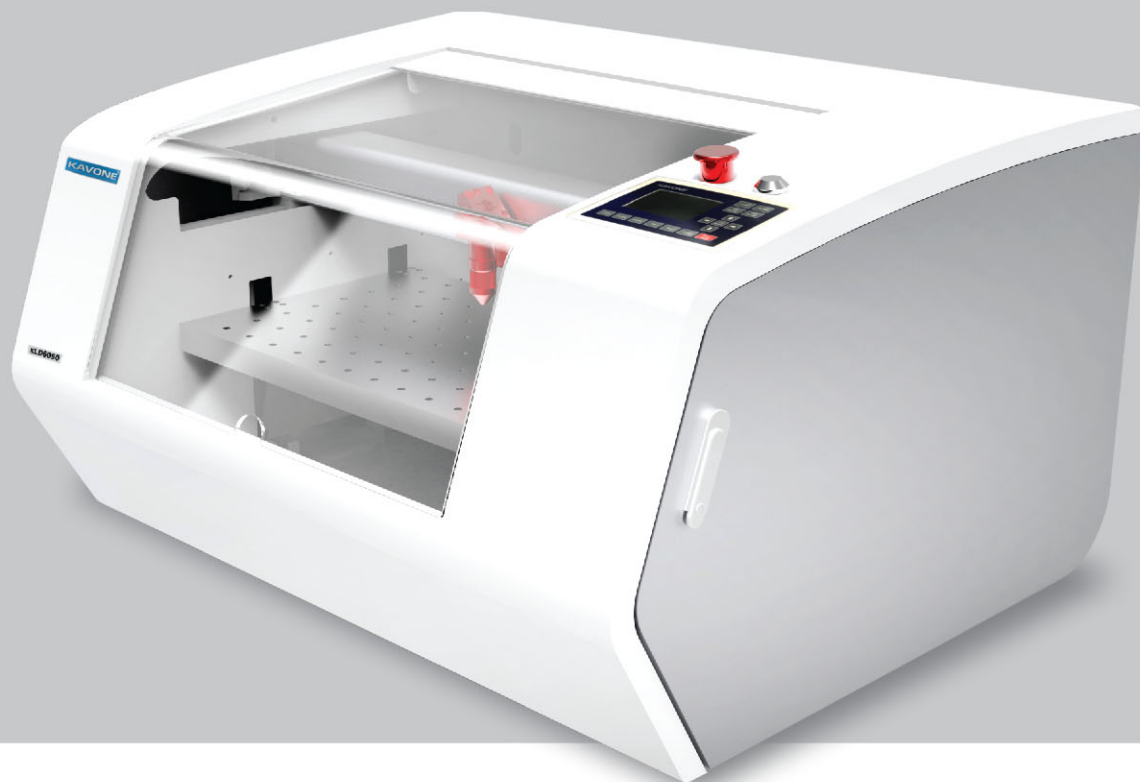
SPECIFICATIONS

Model	KB130	KB145
Material Thickness	0.3 ~ 1.5mm	0.4 ~ 1.5mm
Material Width	20 ~ 130mm	20 ~ 145mm
Minimum Letter Size	80mm	80mm
Maximum Power	1.3kW	1.5kW
Machine size	1600x870x1450mm	1800x950x1400mm
Weight	240kg	340kg
Power Supply	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz
Accuracy	0.01mm	0.01mm
Air Pressure	0.8Mpa	0.8Mpa
File Format Support	DXF/PLT	DXF/PLT
Bending Motor	Stepper/Servo	Stepper/Servo
Bending Speed	100-200mm/s	100-200mm/s
Software	Letor	Letor
Communication Port	Data Connection	Data Connection

CO2 LASER MACHINE



MODEL **KLD6050**



SPECIFICATIONS

Model	KLD6050	KLD5030
Work Area	600x500mm	500x300mm
Laser Power	40/80/100W	40/80/100W
Laser Type	CO2 Sealed Glass Tube	CO2 Sealed Glass Tube
Software Support	Corel Draw, Auto Cad, Photoshop	Corel Draw, Auto Cad, Photoshop
Precision	<0.01mm	<0.01mm
Computer Interference	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN
Cooling	Industrial Water Cooling	Industrial Water Cooling
Cutting Speed	0-600mm/s	0-600mm/s
Engraving Speed	0-1200mm/s	0-1200mm/s
Flat Bed	Solid Aluminium Knife	Solid Aluminium Knife
Laser Tube	1	1
Power Consumption	≤1.25kW	≤1.2kW
Voltage	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz
Dimension	1676x1067x1067mm	1310x980x1000mm
Weight	240kg	200kg

CO2 LASER MACHINE



MODEL **KLU1390**



SPECIFICATIONS

Model	KLU1390	KLU1060	KLU1812
Work Area	1300x900mm	1000x600mm	1800x1200mm
Laser Power	60/80/100/130/150W	80/100W	60/80/100/130/150W
Laser Power Control	0-100% Software	0-100% Software	0-100% Software
Laser Type	CO2 Sealed Glass Tube	CO2 Sealed Glass Tube	CO2 Sealed Glass Tube
Software Support	Corel Draw, Auto Cad, Photoshop	Corel Draw, Auto Cad, Photoshop	Corel Draw, Auto Cad, Photoshop
Precision	<0.01mm	<0.01mm	<0.01mm
Computer Interference	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN
Cooling	Industrial Water Cooling	Industrial Water Cooling	Industrial Water Cooling
Cutting Speed	0-600mm/s	0-600mm/s	0-600mm/s
Engraving Speed	0-1200mm/s	0-1200mm/s	0-1200mm/s
Flat Bed	Solid Aluminium Knife	Solid Aluminium Knife	Solid Aluminium Knife
Head	Single Head	Single Head	Single Head
Laser Tube	1	1	1
Power Consumption	≤1.3kW	≤1.25kW	≤1.5kW
Voltage	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz

CO2 LASER MACHINE



MODEL **KLU1610D**



SPECIFICATIONS

Model	KLU1610D	KLU1812D
Work Area	1600x1000mm	1800x1200mm
Laser Power	60/80/100/130/150W	60/80/100/130/150W
Laser Power Control	0-100% Software	0-100% Software
Laser Type	CO2 Sealed Glass Tube	CO2 Sealed Glass Tube
Software Support	Corel Draw, Auto Cad, Photoshop	Corel Draw, Auto Cad, Photoshop
Precision	<0.01mm	<0.01mm
Computer Interference	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN
Cooling	Industrial Water Cooling	Industrial Water Cooling
Cutting Speed	0-600mm/s	0-600mm/s
Engraving Speed	0-1200mm/s	0-1200mm/s
Flat Bed	Solid Aluminium Knife	Solid Aluminium Knife
Head	Double Head	Double Head
Laser Tube	2	2
Power Consumption	≤1.3kW	≤1.5kW
Voltage	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz

CO2 LASER MACHINE



MODEL **KLB3015**



SPECIFICATIONS

Model	KLB3015	KLB2513	KLB2513C
Work Area	3000x1500mm	2500x1300mm	2500x1300mm
Laser Power	130/150W	130/150W	130/150W
Laser Power Control	0-100% Software	0-100% Software	0-100% Software
Laser Type	CO2 Sealed Glass Tube	CO2 Sealed Glass Tube	CO2 Sealed Glass Tube
Software Support	Corel Draw, Auto Cad, Photoshop	Corel Draw, Auto Cad, Photoshop	Corel Draw, Auto Cad, Photoshop
Precision	<0.01mm	<0.01mm	<0.01mm
Computer Interference	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN
Cooling	Industrial Water Cooling	Industrial Water Cooling	Industrial Water Cooling
Cutting Speed	0-300mm/s	0-300mm/s	0-300mm/s
Engraving Speed	0-500mm/s	0-500mm/s	0-500mm/s
Flat Bed	Solid Aluminium Knife	Solid Aluminium Knife	Conveyor
Power Consumption	≤1.5kW	≤1.5kW	≤1.5kW
Voltage	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz
Working Temperature	0-45°C	0-45°C	0-45°C

CO2 LASER MACHINE



MODEL **KL1390**



SPECIFICATIONS

Model	KL1390	KL1060	KL7550
Work Area	1300x900mm	1000x600mm	750x500mm
Laser Power	60/80/100/130/150W	80/100W	60/80W
Laser Type	CO2 Sealed Glass Tube	CO2 Sealed Glass Tube	CO2 Sealed Glass Tube
Software Support	Corel Draw, Auto Cad, Photoshop	Corel Draw, Auto Cad, Photoshop	Corel Draw, Auto Cad, Photoshop
Precision	<0.01mm	<0.01mm	<0.01mm
Computer Interference	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN
Cooling	Industrial Water Cooling	Industrial Water Cooling	Industrial Water Cooling
Cutting Speed	0-600mm/s	0-600mm/s	0-600mm/s
Engraving Speed	0-1200mm/s	0-1200mm/s	0-1200mm/s
Flat Bed	Solid Aluminium Knife	Solid Aluminium Knife	Solid Aluminium Knife
Head	Single Head	Single Head	Single Head
Power Consumption	≤1.3kW	≤1.25kW	≤1.2kW
Voltage	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz
Dimension	1920x1310x1067mm	1676x1067x1067mm	1310x980x1000mm
Weight	320kg	240kg	200kg

MODEL **KLM1390**



SPECIFICATIONS

Model	KLM1390	KLM2513
Work Area	1300x900mm	2500x1300mm
Laser Power	130/150/180W	130/150/180W
Laser Power Control	0-100%	0-100%
Laser Wave Length	1070±10nm	1070±10nm
Laser Type	CO2 Laser	CO2 Laser
Cutting Thickness on Metal	0.2 to 4mm	0.2 to 4mm
Precision	<0.04mm	<0.04mm
Minimum Line Width	>0.2mm	>0.2mm
Computer Interference	USB/Stand Alone/WiFi/LAN	USB/Stand Alone/WiFi/LAN
Cooling	Industrial Water Cooling	Industrial Water Cooling
Maximum Cutting Speed	500mm/s	500mm/s
Flat Bed	Solid Aluminium Knife	Solid Aluminium Knife
Power Consumption	≤1.5kW	≤1.5kW
Voltage	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz
Dimension	1920x1310x1067mm	3200x1920x1220mm

MODEL **KP72S**



SPECIFICATIONS

Model	KP72S	KP135S
Maximum Material Width	720mm	1350mm
Maximum Cutting Width	620mm	1250mm
Speed	800mm/s	800mm/s
Knife Pressure	10-600g	10-600g
Memory	Standard: 512KB (2MB Optional)	Standard: 512KB (2MB Optional)
Mechanical Resolution	0.0254mm/Step	0.0254mm/Step
Repeating Precision	0.127mm	0.127mm
Interface	DM/PLHPGL	DM/PLHPGL
Power	AC160V-240V, 50-60Hz	AC160V-240V, 50-60Hz
Driving System	Stepper/Servo	Stepper/Servo
Working Temperature	0-35°C	0-35°C
Humidity	5-95% Non Condensing	5-95% Non Condensing
Display	LCD	LCD
Weight	20kg	45kg

MODEL **KND5035**

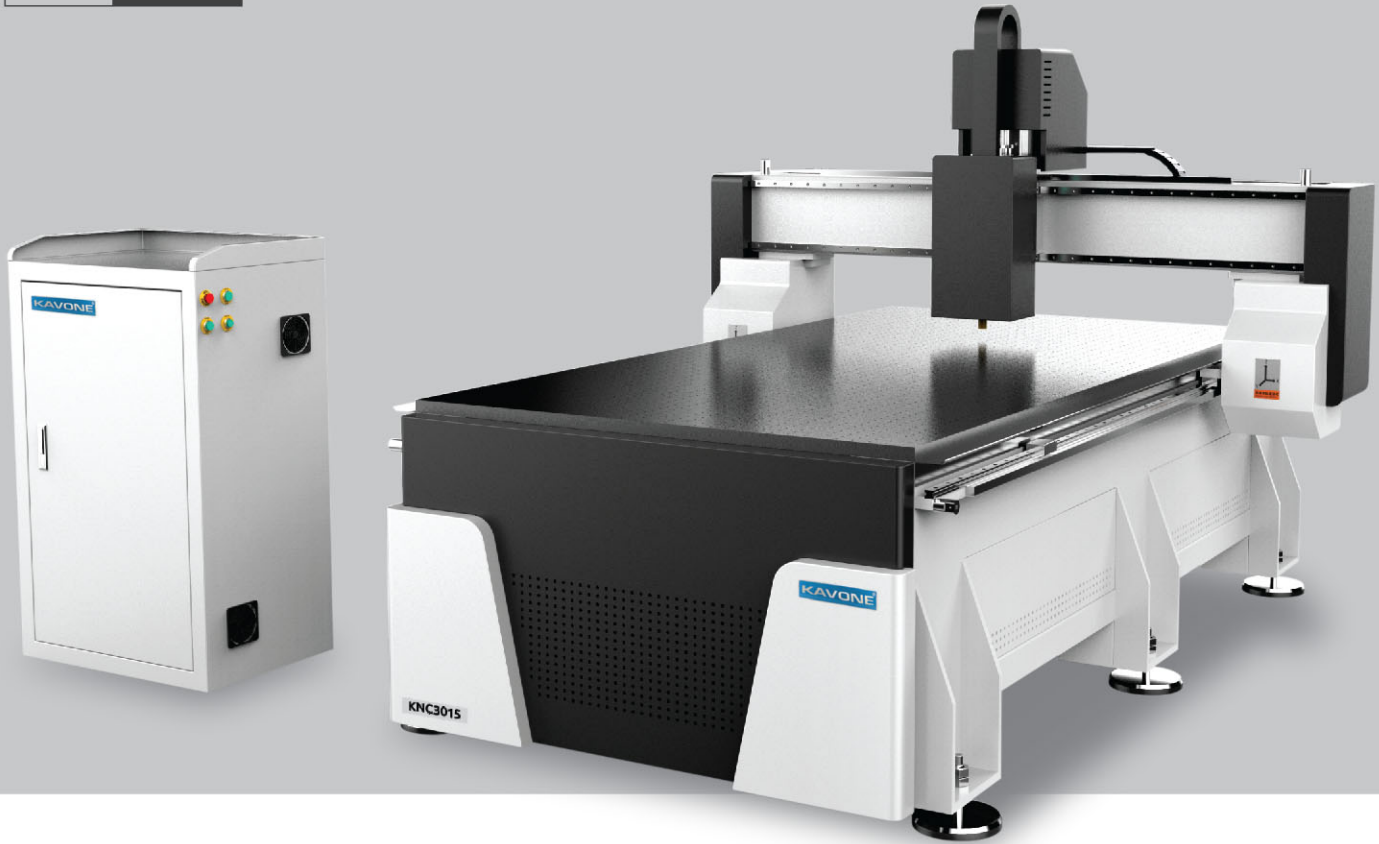
SPECIFICATIONS

Model	KND5035	KN5043D	KNA5086Q
Work Area	500x350mm	500x430mm	500x860mm
Bed Size	580x400mm	580x800mm	580x1600mm
No of Spindles	1	2	4
Spindle Max Speed (RPM)	40000/60000	40000/60000/80000/125000	40000/60000/80000/125000
Format Support	Gerber/NC	Gerber/NC	Gerber/NC
Spindle Type	Water cooling	Water cooling/Air cooling	Water cooling/Air cooling
Precision	<0.01mm	<0.01mm	<0.01mm
Computer Interference	PCI	PCI	PCI
X, Y Movement Speed	4m/min	30m/min	30m/min
X, Y, Z Movement	Ball Screw	Ball Screw	Ball Screw
Motor Type	Stepper	Servo	Servo
Power Consumption	≤1.0kW	≤1.8kW	≤2.8kW
Voltage	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz	SPh AC220V±10%V 50Hz
Dimension	880x670x530mm	2000x1650x1600mm	2900x1700x1720mm
Weight	45kg	3000Kg	4100kg

CNC ROUTER



MODEL **KNC3015**



SPECIFICATIONS

Model	KNC3015	KNC1212
Work Area	3000x1500x200mm	1200x1200x100mm
Graphic Format Support	G Code, PLT, DXF, ENG	G Code, PLT, DXF, ENG
Software Support	ARTcam, JDPaint, AutoCad, UCanCam	ARTcam, JDPaint, AutoCad, UCanCam
Resolution	≤0.01mm	≤0.01mm
Computer Interface	PCI/USB/DSP	PCI/USB/DSP
Spindle RPM	0-24000	0-24000
No. of Spindles	1	1
Spindle Power	4.5kW	1.5kW
Spindle Cooling	Water Cooling	Water Cooling
Working Speed	500mm/s	500mm/s
Flat Bed	Aluminium/Vacuum	Aluminium/Vacuum
Transmission	X, Y: Helical Rack & Pinion, Z: Ballscrew	X, Y, Z Axis Ballscrew
Operating System	DSP Control System	DSP Control System
Power Consumption Excluding Spindle	≤2.0kW	≤1.4kW
Voltage	SPh AC220V±10%V 50Hz/3Ph (Optional)	SPh AC220V±10%V 50Hz/3Ph (Optional)

CNC ROUTER



MODEL **KNC2513**



SPECIFICATIONS

Model	KNC2513	KNC1812
Work Area	2500x1300x200mm	1800x1200x140mm
Graphic Format Support	G Code, PLT, DXF, ENG	G Code, PLT, DXF, ENG
Software Support	ARTcam, JDPaint, AutoCad, UCanCam	ARTcam, JDPaint, AutoCad, UCanCam
Resolution	≤0.01mm	≤0.01mm
Computer Interface	PCI/USB/DSP	PCI/USB/DSP
Spindle RPM	0-24000	0-24000
No. of Spindles	1	1
Spindle Power	3.2kW	1.5kW
Spindle Cooling	Water Cooling	Water Cooling
Working Speed	500mm/s	500mm/s
Flat Bed	Aluminium/Vacuum	Aluminium/Vacuum
Transmission	X, Y: Helical Rack & Pinion, Z: Ballscrew	X, Y, Z Axis Ballscrew
Operating System	DSP Control System	DSP Control System
Power Consumption Excluding Spindle	≤1.6kW	≤1.4kW
Voltage	SPh AC220V±10%V 50Hz/3Ph (Optional)	SPh AC220V±10%V 50Hz/3Ph (Optional)

ATC CNC ROUTER



MODEL **KNR1812**



SPECIFICATIONS

Model	KNR1812	KNR2513
Work Area	1800x1200x300mm	2500x1300x300mm
Software Support	ARTcam, Type3, Mastercam, UG, JDPaint, AutoCad, UCanCam	ARTcam, Type3, Mastercam, UG, JDPaint, AutoCad, UCanCam
Resolution	≤0.01mm	≤0.01mm
Computer Interface	PCI/USB/DSP	PCI/USB/DSP
Spindle RPM	0-24000	0-24000
No. of Spindles	1	1
Spindle Cooling	Water Cooling/Air Cooling (Optional)	Water Cooling/Air Cooling (Optional)
Tool Diameter	3.175 to 18mm	3.175 to 18mm
Spindle Power	9kW	9kW
Working Speed	500mm/s	500mm/s
Tool Quantity	8	12
Transmission	X, Y: Helical Rack & Gear, Z: Ballscrew	X, Y: Helical Rack & Gear, Z: Ballscrew
Working Table	Vacuum Bed 7.5kW	Vacuum Bed 7.5kW
Power Consumption Excluding Spindle, Vacuum Bed	≤1.4kW	≤1.4kW
Voltage	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz

ATC CNC ROUTER



MODEL **KNL3015**



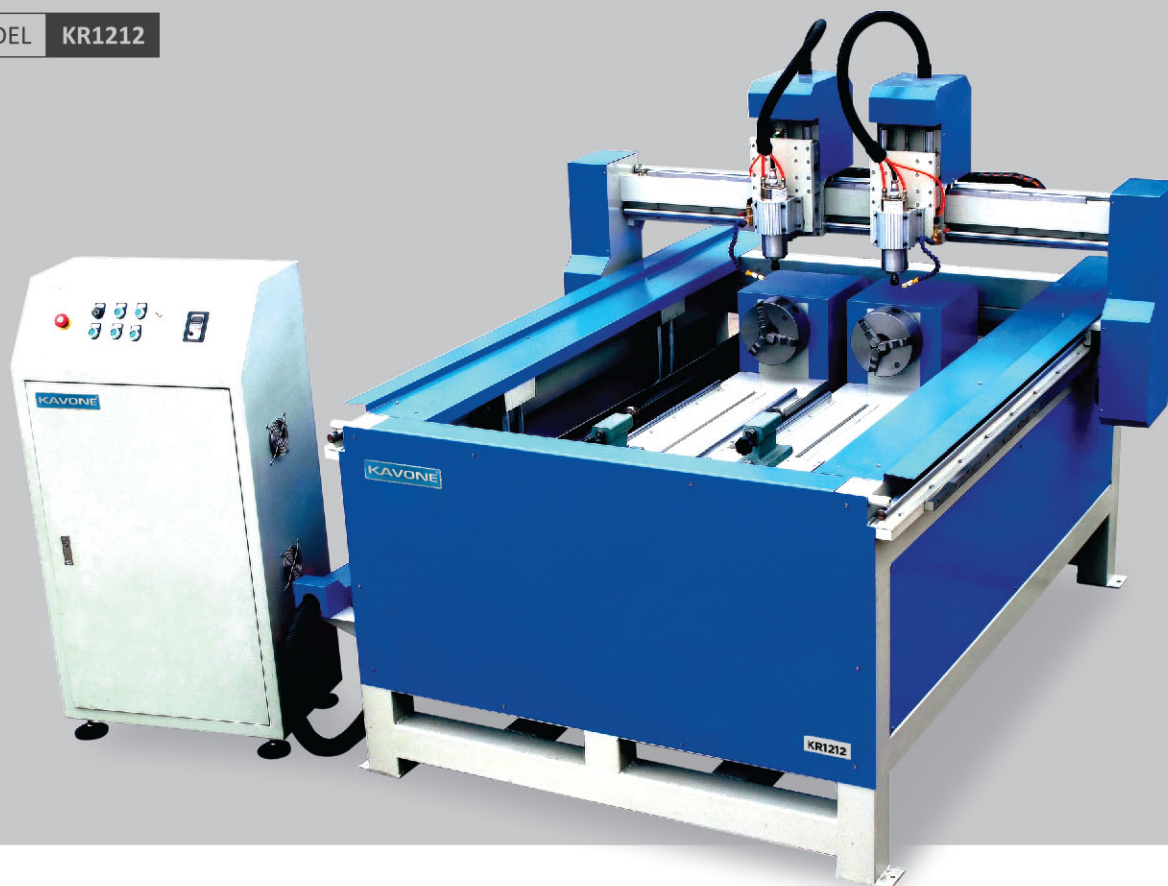
SPECIFICATIONS

Model	KNL3015	KNL2513
Work Area	3000x1500x300mm	2500x1300x300mm
Software Support	ARTcam, Type3, Mastercam, UG, JDPaint, AutoCad, UCanCam	ARTcam, Type3, Mastercam, UG, JDPaint, AutoCad, UCanCam
Resolution	≤0.01mm	≤0.01mm
Computer Interface	PCI/USB/DSP	PCI/USB/DSP
Spindle RPM	0-24000	0-24000
No. of Spindles	1	1
Spindle Cooling	Water Cooling/Air Cooling (Optional)	Water Cooling/Air Cooling (Optional)
Tool Diameter	3.175 to 18mm	3.175 to 18mm
Spindle Power	4.5kW	4.5kW
Working Speed	500mm/s	500mm/s
Tool Quantity	12	8
Transmission	X, Y: Helical Rack & Gear, Z: Ballscrew	X, Y: Helical Rack & Gear, Z: Ballscrew
Working Table	Vacuum Bed 7.5kW	Vacuum Bed 7.5kW
Power Consumption Excluding Spindle, Vacuum Bed	≤1.4kW	≤1.4kW
Voltage	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz

CNC 4 AXIS ROTARY ROUTER



MODEL **KR1212**



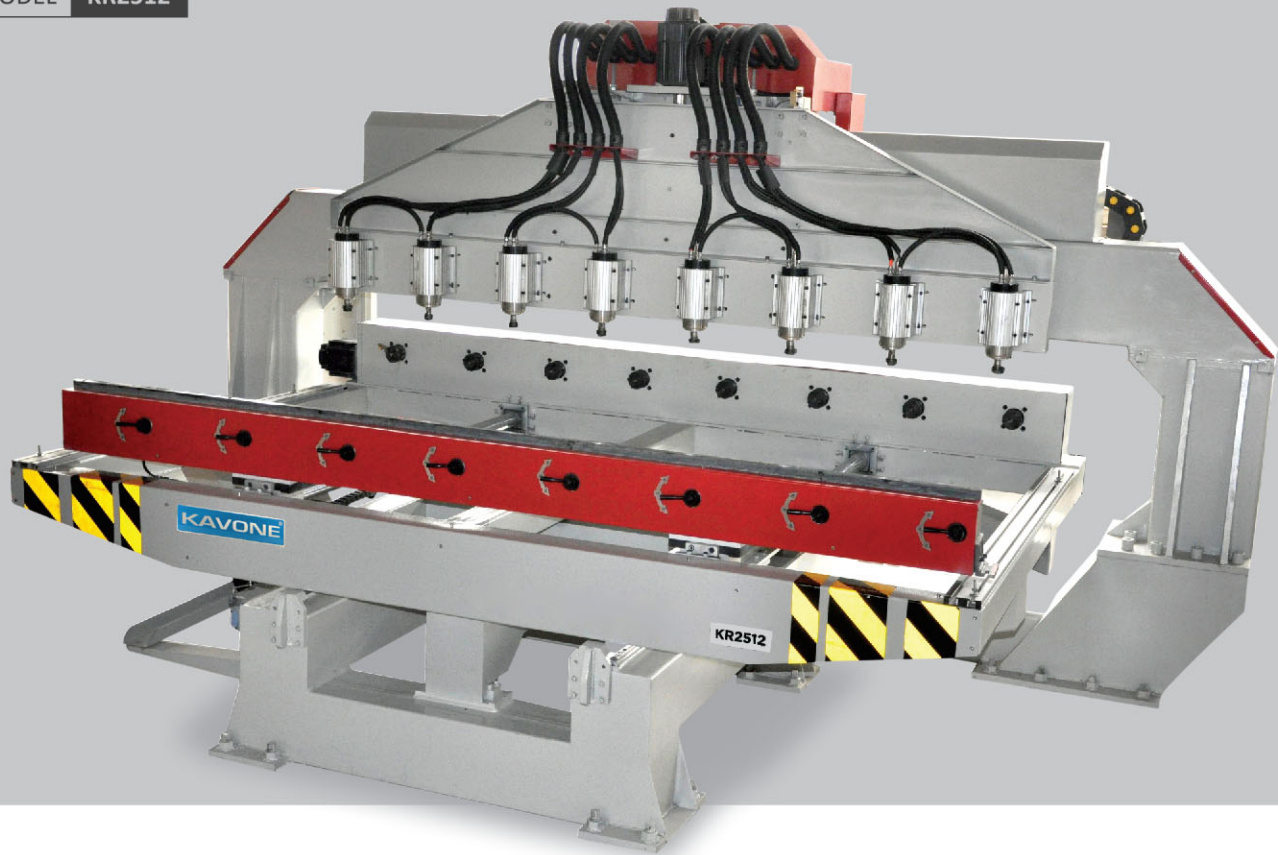
SPECIFICATIONS

Model	KR1212	KR1612	KR1812
Work Area	1200x1200x300mm	1600x1200x300mm	1800x1200x300mm
Graphic Format Support	G Code, PLT, DXF, ENG	G Code, PLT, DXF, ENG	G Code, PLT, DXF, ENG
Software Support	ARTcam, JDPaint, AutoCad, UCanCam	ARTcam, JDPaint, AutoCad, UCanCam	ARTcam, JDPaint, AutoCad, UCanCam
Resolution	≤0.01mm	≤0.01mm	≤0.01mm
Computer Interface	PCI/USB/DSP	PCI/USB/DSP	PCI/USB/DSP
Spindle RPM	0-24000	0-24000	0-24000
No. of Spindles	2	4	4
Spindle Power	2.2kW	2.2kW	2.2kW
Spindle Cooling	Water Cooling	Water Cooling	Water Cooling
Tool Diameter	3.175 to 6.35mm	3.175 to 6.35mm	3.175 to 6.35mm
Working Mode	Servo	Servo	Servo
Working Speed	200mm/s	200mm/s	200mm/s
Transmission	X, Y: Helical Rack & Gear, Z: Ballscrew	X, Y: Helical Rack & Gear, Z: Ballscrew	X, Y: Helical Rack & Gear, Z: Ballscrew
Power Consumption			
Excluding Spindle	≤1.5kW	≤1.5kW	≤1.5kW
Voltage	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz

CNC 4 AXIS ROTARY ROUTER



MODEL **KR2512**



SPECIFICATIONS

Model	KR2512	KR3012
Work Area	2500x1200x300mm	3000x1200x300mm
Graphic Format Support	G Code, PLT, DXF, ENG	G Code, PLT, DXF, ENG
Software Support	ARTcam, JDPaint, AutoCad, UCanCam	ARTcam, JDPaint, AutoCad, UCanCam
Resolution	≤0.01mm	≤0.01mm
Computer Interface	PCI/USB/DSP	PCI/USB/DSP
Spindle RPM	0-24000	0-24000
No. of Spindles	8	10
Spindle Power	2.2kW	2.2kW
Spindle Cooling	Water Cooling	Water Cooling
Tool Diameter	3.175 to 6.35mm	3.175 to 6.35mm
Working Mode	Servo	Servo
Working Speed	200mm/s	200mm/s
Transmission	X, Y: Helical Rack & Gear, Z: Ballscrew	X, Y: Helical Rack & Gear, Z: Ballscrew
Power Consumption Excluding spindle	≤1.5kW	≤1.5kW
Voltage	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz

MULTI SPINDLE ROUTER



MODEL **KNM3020**



SPECIFICATIONS

Model	KNM3020	KNM2520
Work Area	3000x2000x200mm	2500x2000x200mm
Software Support	ARTcam, JDPaint, AutoCad, UCanCam	ARTcam, JDPaint, AutoCad, UCanCam
Resolution	≤0.01mm	≤0.01mm
Computer Interface	PCI/USB/DSP	PCI/USB/DSP
Spindle RPM	0-24000	0-24000
No. of Spindles	2/4/6/8	2/4/6/8
Spindle Power	2.2kW	2.2kW
Spindle Cooling	Water Cooling	Water Cooling
Working Mode	Servo	Servo
Working Speed	500mm/s	500mm/s
Flat Bed	Aluminium/Vacuum	Aluminium/Vacuum
Transmission	X, Y: Helical Rack & Pinion, Z: Ballscrew	X, Y: Helical Rack & Pinion, Z: Ballscrew
Operating System	DSP Control System	DSP Control System
Power Consumption Excluding Spindle	≤1.4kW	≤1.4kW
Voltage	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz

MULTI SPINDLE ROUTER



MODEL **KNM2513**



SPECIFICATIONS

Model	KNM2513	KNM1313
Work Area	2500x1300x200mm	1300x1300x200mm
Software Support	ARTcam, JDPaint, AutoCad, UCanCam	ARTcam, JDPaint, AutoCad, UCanCam
Resolution	≤0.01mm	≤0.01mm
Computer Interface	PCI/USB/DSP	PCI/USB/DSP
Spindle RPM	0-24000	0-24000
No. of Spindles	2/4/6	2/4
Spindle Power	2.2kW	2.2kW
Spindle Cooling	Water Cooling	Water Cooling
Working Mode	Servo	Servo
Working Speed	500mm/s	500mm/s
Flat Bed	Aluminium/Vacuum	Aluminium/Vacuum
Transmission	X, Y: Helical Rack & Pinion, Z: Ballscrew	X, Y: Helical Rack & Pinion, Z: Ballscrew
Operating System	DSP Control System	DSP Control System
Power Consumption Excluding Spindle	≤1.4kW	≤1.4kW
Voltage	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz

CNC MOVING BED ROUTER



MODEL **KR1811**



SPECIFICATIONS

Model	KR2512	KR1612	KR1811
Work Area	2500x1200x300mm	1600x1200x300mm	1800x1100x400mm
Graphic Format Support	G Code, PLT, DXF, ENG	G Code, PLT, DXF, ENG	G Code, PLT, DXF, ENG
Software Support	ARTcam, JDPaint, AutoCad, UCanCam	ARTcam, JDPaint, AutoCad, UCanCam	ARTcam, JDPaint, AutoCad, UCanCam
Resolution	≤0.01mm	≤0.01mm	≤0.01mm
Computer Interface	PCI/USB/DSP	PCI/USB/DSP	PCI/USB/DSP
Spindle RPM	0-24000	0-24000	0-24000
No. of Spindles	8	4	2
Spindle Power	2.2kW	2.2kW	2.2kW
Spindle Cooling	Water Cooling	Water Cooling	Water Cooling
Tool Diameter	3.175-6.35mm	3.175-6.35mm	3.175-6.35mm
Working Mode	Servo	Servo	Servo
Working Speed	12m/min	12m/min	12m/min
Transmission	X, Y: Helical Rack & Gear, Z: Ballscrew	X, Y: Helical Rack & Gear, Z: Ballscrew	X, Y: Helical Rack & Gear, Z: Ballscrew
Power Consumption			
Excluding Spindle	≤1.5kW	≤1.5kW	≤1.5kW
Voltage	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz	3Ph AC380V±10%V 50Hz

FIBER LASER CUTTING



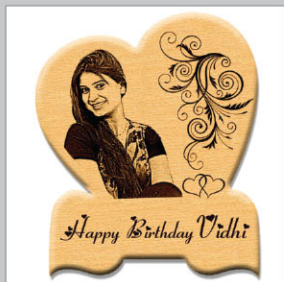
FIBER MARKING



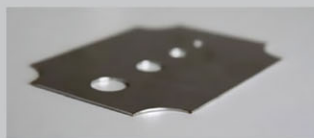
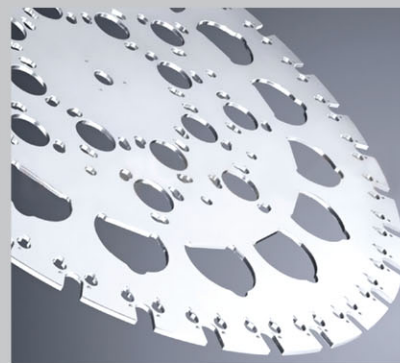
CNC BENDING MACHINE



CO2 LASER CUTTING



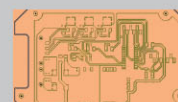
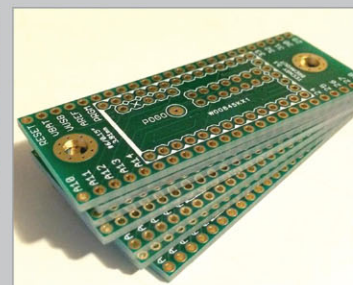
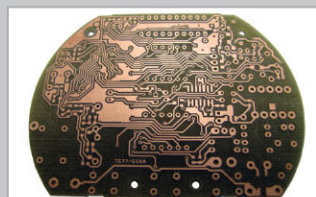
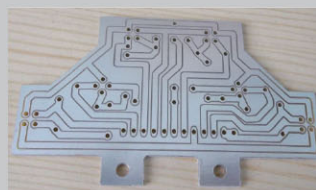
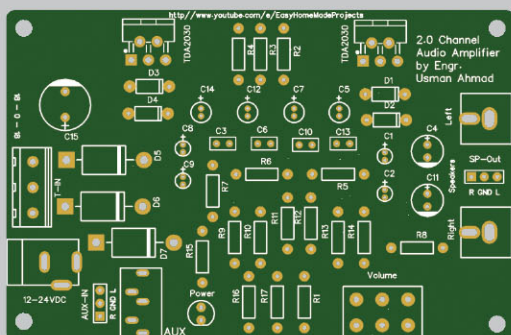
LASER METAL CUTTING



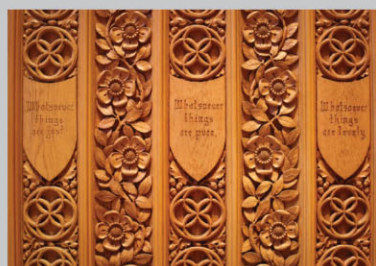
CUTTING PLOTTER



PCB DRILLING



CNC ROUTER





ONLINE MAINTENANCE

KAVONE provides complete support and services to the clients within and after warranty period. Software issues can be solved by online maintenance. KAVONE always adhere to customers demand-oriented design, installation, debugging, after sale technical support and other full services.

WARRANTY & AMC

KAVONE machines are warranted against defects arisen for all manufacturing defects for a period of 12 months from the date of purchase. Annual Maintenance Contract (AMC) schemes are offered for machines after the warranty.



INDUSTRIAL AUTOMATION

KAVONE is the largest one-stop solution for Computerised Numerical Control (CNC) machines and Industrial Automation. Our technical experts will help you to choose best equipment for your automatic production line and turnkey solutions.

NOTES

*Images & specifications mentioned in this brochure may subject to change without prior notice.



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