

iGOLDENCNC®



济南佳梆数控设备有限公司
JINAN iGOLDEN CNC EQUIPMENT CO.,LTD



(中) <https://www.jiabangcnc.com>
(En) <https://www.igoldencnc.com>



sales@igoldencnc.com



400-639-6218



山东济南商河县
玉皇庙镇民营产业园

iGOLDENCNC

佳梆 数控

引 领 雕 刻 科 技 新 潮 流

济南佳梆数控设备有限公司
JINAN iGOLDEN CNC EQUIPMENT CO.,LTD



10 余年行业经验

More than 10 years experience

产品覆盖全球 **102** 个国家

Products cover more than 102 countries around the world

服务过全球客户近 **30000** 多位

Serving nearly 30,000 customers worldwide



佳梆 数控

引领雕刻科技新潮流

济南佳梆数控设备有限公司

济南佳梆数控设备有限公司集研发、生产、销售为一体，专业制造木工开料机，木工雕刻机，石材雕刻机，泡沫模具雕刻机，激光切割机，等离子切割机，五轴加工中心等系列产品，设备配置部分采用来自意大利，日本以及德国等国的原装进口部件。公司不断引进国际先进生产技术与生产工艺，独立研发和生产高品质、高性价比的数控设备，持续为客户创造最大价值。

产品已被广泛应用于广告行业、木工行业、工艺礼品、建筑模型、电子、CAD/CAM工业模具行业、装饰装潢、服装、包装印刷、印染、标识、印章等多种行业。

公司坚持“以市场为向导”的经营原则，贯彻“质量第一，顾客至上”的经营理念、先后在全国各大城市及全球多个国家建立了专业的销售及网点，为用户提供设计、安装、调试、培训、售后等全程服务。我们的产品不仅遍布全国，而且远销东南亚，中东、非洲、欧美等国家。

公司奉行以管理为效益，以质量求生存，以信誉求发展的经营理念，积极提高产品质量价值观，坚持专业化和实用化的产品设计原则，追求卓越、不断进取，竭诚为各行业广大用户提供质优价廉的产品和完善系统服务，积极开拓国内外市场，铸造行业品牌。

Jinan iGoldenCNC Equipment Co.,Ltd has always been devoted in studying and manufacturing CNC nesting woodworking cutting machine,CNC wood engraving machine,CNC stone engraving machine.CNC foam mold engraving machine,laser cutting machine,plasma cutting machine ,5 axis working center etc. iGoldenCNC uses imported parts as the main part of the machine.iGoldenCNC keeps introducing advanced international technology, and devoting to research and developing good quality CNC equipment in order to create the maximum value for customers.

iGoldenCNC machines have been widely used in all kinds of the fields. Including advertising industry,woodworking industry,craft gifts making ,architectural models making,electronics parts making,CAD/CAM die mold making,decoration,clothing,packaging,printing,dyeing and printing,logo,seal and other industries.

iGoldenCNC adheres “market-oriented” as the principle, “quality first,customer first” as business philosophy,and built world-wide sales and service network to provide professional design,installation,testing,training and maintenance with all users .Up to now,iGoldenCNC machines cover all Chinese market and also very popular in America,West Europe,South Asian,East Asian etc. More than 100 countries. iGoldenCNC will try our best to serve for you suitable solutions.

iGoldenCNC to management for efficiency, quality of survival, reputation and development of business ideas, positive values of improving product quality. dedicated to provide customers with quality products and perfect after-sales service.Welcome you to join iGoldenCNC family,share top CNC machines and services together with worldwide customers.



E 企业文化 ENTERPRISE

经营理念:

品质保证——ISO9001质量管理体系监控生产全程。

服务完善——执行真正的无忧服务，及时响应客户的每一次反馈。

文化特色——以“追求品质，为客户创造价值”作为企业文化。

经营宗旨——以市场为向导，以客户为核心，以质量求生存，以信誉求发展。



OUR
ENTERPRISE
CULTURE

Quality Control——

Strictly comply with ISO9001 Quality management system.

Perfect Service——

All employers in the company must response to customers' demands and complains as quick as possible. The promises to the customers have to be done and feedback to the customers must be sent without delay.

iGoldenCNC Culture——

The pursuit of quality, creating value for customers!

iGoldenCNC Tenet——

Market-oriented, quality-survived, customer-cored, credibility-enveloped.



OUR
CERTIFICATE



因追求而超越 因超越而前进

BECAUSE OF EXCEEDING PURSUIT BEYOND AND ADVANCE

iGOLDEN CNC
佳枰数控 目录
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WOOD CNC ROUTER 木工雕刻机



台面旋转轴 Table rotation axis

独立双机头 Independent double head

一拖六机头 One load six heads

右置旋转轴 Right rotation axis

T型床身 T type lathe bed

注：机器可根据客户的尺寸要求定制；以上只是代表性展示。

Note: The machine can be customized according to the customer's size requirements; the above is only a representative display.

适用行业 Applicable Industry

- 1. 木门及家具装饰行业：实木及复合门、橱柜门、大面积板材平面雕刻、实木雕花、板式家具雕刻、仿古红木家具雕刻、实木艺术壁画雕刻等行业。
- 2. 木质工艺品加工：钟表框、工艺相框、书法牌、电器柜台面、体育用品器材、薄铝板铣削雕刻。
- 1. Wooden doors and furniture decoration industry: solid wood and composite doors, cabinet doors, large-area plate engraving, solid wood carving, panel furniture carving, antique mahogany furniture carving, solid wood art murals carving and other industries.
- 2. Wood crafts processing: clock frame, process picture frame, calligraphy plate, electrical counter surface, sports equipment, thin aluminum plate carving.

木工雕刻机 Wood CNC Router

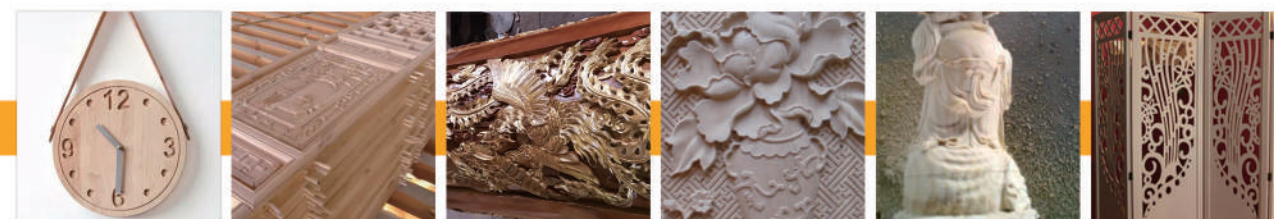
性能特点 Performance

- 1. 选用进口直线型导轨，双排四列滚珠滑块，承重力大，运行平稳，精度高，寿命长，进口滚珠丝杠精度高，下刀精确。
- 2. 主轴选用日本进口NSK轴承的风冷主轴，功率大，性能稳定。
- 3. 手柄式控制系统，采用独特的智能预算法则，充分发挥电机潜能，实现高速加工，曲线线同步，曲线更完美。
- 4. 软件兼容性好，可兼容type3/Artcam/Castmate/文泰等多种CAD/CAM设计软件。
- 5. 采用高速驱动步进电机与驱动器，Y轴采用了双电机驱动，使之高速运行可达25米/分以上的空行速度，配合大力切割主轴可使雕刻速度更为提高。
- 1. Adopt imported linear square guide rail with ball slider of double row and four lines. moving stability, high precision and long lifetime; Adopt Imported accuracy ball screw to ensure good accuracy cutting.
- 2. Adopt good quality air cooling spindle with Japanese imported NSK bearing, big power and stable performance.
- 3. DSP data line connected controlling panel with smart computing rule, perfectly matching the running motor to realize the high working speed and delicate curve and straight line processing.
- 4. Good compatibility software, compatible with type3/Artcam/Castmate/ wentai and other CAD/CAM design and production software.
- 5. Adopt High-speed driving stepper motor and driver. with double driver and motor on Y-axis to ensure 25 meters/min or higher empty running speed. hereby, In order to get a higher working efficiency, you can choose bigger power working spindle on the machine.

技术参数 Technical Parameters

型号 Model	IGW-1325	可选 Optional
工作行程 Working Area	1300*2500*200mm	
导轨 Guide Rail	台湾上银 Taiwan Hiwin	台湾银泰 Taiwan PMI
主轴功率 Spindle Power Motor	4.5kw风冷 4.5KW Air cooling spindle	6kw
主轴转速 Spindle Speed	18000rpm/min	
台面结构 Table Structure	真空吸附台面 Vacuum adsorption table	铝型材台面 Aluminum with PVC table
XYZ结构 Table Structure	XY齿条、Z丝杠 XY-Rack Pinion, Z-Ball Screw	
最大空行速度 MAX Travelling Speed	50000mm/min	
最大雕刻速度 MAX Working Speed	20000mm/min	
运行方式 Driving System	伺服 Servo	步进 Stepping
雕刻指令 Command	G代码 G Code	
工作电压 Working Voltage	AC220V - 50HZ	AC380V - 50HZ
操作系统 Operating System	维宏系统 Ncstudio control	DSP
毛重 Gross Weight	1800KG	

样品展示 Sample Display



ATC CNC ROUTER 加工中心



性能特点 Performance

- 1. 本机适合多元化复杂性产品加工或多样加工，功能广泛：镗铣、钻孔、切割、侧铣、倒边等。
- 2. 本款机型的各项机械、电器部件采用知名品牌，如德国的真空系统及传动系统，日本的伺服驱动系统，意大利原装进口主轴。
- 3. 排式自动换刀，刀库容量8支，换刀时间仅需8秒。
- 4. 采用双轨双向传动台，属重切削加工机型。
- 5. 采用日本的伺服驱动系统，效率高，性能稳定。
- 1. The ATC CNC router with high performance is suitable for different kinds of complex products processing, it can be used to carving, drilling, cutting, side milling, edge trimming, etc.
- 2. Adopt famous brand mechanical parts and electrical components, such as the Germany vacuum system and transmission system, The Japanese servo motor driving system, and the Italy original imported spindle.
- 3. Straight line Automatic knife changing system with 8 pieces tools magazine, tool changing only takes 8 seconds.
- 4. Adopt Dual-track bilateral transmission table, that is the milling cutting machine type.
- 5. Adopt Japanese servo driving system, high efficiency and stable performance.

技术参数 Technical Parameters

型号 Model	IGC-1325	可选 Optional
工作行程 Working Area	1300*2500*300mm	
导轨 Guide Rail	台湾上银 Taiwan Hiwin	台湾银泰 Taiwan Hiwin
主轴功率 Spindle Power	HQD 9KW风冷自动换刀主轴 HQD 9KW air-cooled automatic tool change spindle	HSD
主轴转速 Spindle Speed	24000rpm/min	
台面结构 Table Structure	真空吸附台面 Vacuum adsorption table	铝型材台面 Aluminum with PVC table
XYZ结构 Table Structure	XY齿条、Z丝杠 XY-Rack Pinion, Z-Ball Screw	
最大空行速度 MAX Travelling Speed	50000mm/min	
最大雕刻速度 MAX Working Speed	30000mm/min	
运行方式 Driving System	伺服 Servo	进口/国产 Import/domestic
雕刻指令 Command	G代码 G Code	
工作电压 Working Voltage	AC380V - 50HZ	AC220V - 50HZ
操作系统 Operating System	维宏系统 Nestudio control system	DSP/新代/宝元 DSP/Syntec/LINC
毛重 Gross Weight	2500KG	

样品展示 Sample Display



迷你加工中心 Mini ATC

三工序 Multi-process three head cnc router

木门锁孔机 Wood door lock machine

四工序 Multi-process four head cnc router

注：机器可根据客户的尺寸要求定制；以上只是代表性展示。

Note: The machine can be customized according to the customer's size requirements; the above is only a representative display.

适用行业 Applicable Industry

- 1. 木制品及家具行业：音响、游戏机柜、电脑桌、缝纫机台、乐器、木门、橱柜、板式、办公、实木家具、桌椅门窗等
- 2. 装饰业：亚克力、PVC、密度板、人造石、有机玻璃、塑料、以及铜铝等软金属板材的镗铣切割加工。
- 1. Wood products and furniture industry: audio/game cabinet, computer table, sewing machine table, musical instrument, wooden door, cabinet, board type, office, solid wood furniture, tables, chairs, doors and Windows, etc
- 2. Decoration industry: engraving and cutting of acrylic, PVC, density board, artificial stone, plexiglass, plastic, copper, aluminum and other soft metal plates.

4 AXIS CNC ROUTER 四轴雕刻机



主轴摇摆 CNC Router with spindle rotary



加工中心 CNC Route Processing center



椅背机 Chair CNC Router Machine

注：机器可根据客户的尺寸要求定制；以上只是代表性展示。

Note: The machine can be customized according to the customer's size requirements; the above is only a representative display.

适用行业 Applicable Industry

- 可广泛应用于铸造泡沫模具、铸铁模具，泡沫模具，汽车木模，火车木模，航空木模，轮船木模，石蜡模具等的制作。
- It can be widely used in making foam mold, cast iron mold, foam mold, automobile wood mold, train wood mold, aviation wood mold, ship wood mold, paraffin mold, etc.

四轴雕刻机 4 Axis CNC Router

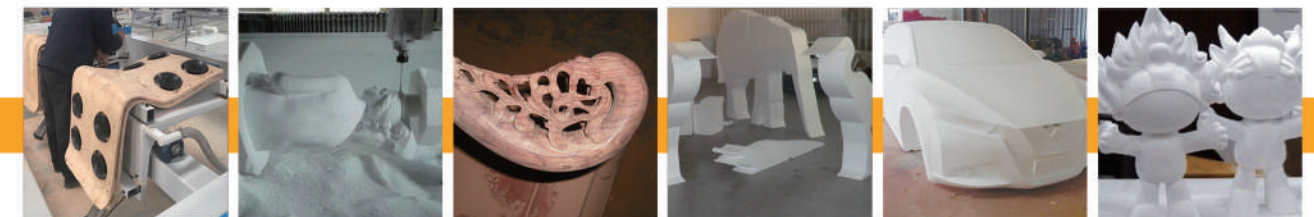
性能特点 Performance

- 1.采用台湾直线方轨，双排四列滚珠滑块，承重力大，运行平稳。
- 2.大功率主轴，寿命长，运行平稳，且启动性能好，力矩大，能充分发挥本机高速的优势，可保证长时间大批量加工，效率更高。
- 3.采用维宏数控操作系统，操作更简单，设计更具人性化，采用独特的智能预算法则，充分发挥电机潜能，实现高速加工，曲线同步，曲线更完美。
- 4.采用日本安川进口大功率伺服电机驱动系统，机器运行速度快，动力强劲。
- 5.防尘罩设计，防止灰尘污垢，保证机器的正常运行，同时使机器的寿命更长。
- 6.分体结构床身，厚壁方管无缝焊接，经震动时效处理，坚固耐用，不易变形，保证机器加工工程中的高稳定性。
- 1.Adopt Taiwan square linear guide rail, with double row four line balls slider, large Bearing Gravity, running smoothly.
- 2. Big power spindle is of long using life, stability running, high performance.with large torque to perfectly matched high working speed of the machine, to be ensure long-term Large-scale production to realize good working efficiency.
- 3. Adopt NC studio CNC operating system, easy operation, friendly design. Adopt the unique smart computing rule perfectly matching the running motor to realize the high working speed and delicate curve and straight line processing.
- 4. Adopt Japanese YASKAWA big power servo motor and driver system to ensure the machine working fast and strong.
- 5. With dust cover on 3 axis to prevent dust and dirt, and ensure the machine working well in long life time.
- 6. The Split type heavy structure machine body is welded seamlessly by thick wall square pipe, which is firm and durable and no deformation after Vibration Aging Treatment to ensure high stability running.

技术参数 Technical Parameters

型号 Model	IGF-1530	可选 Optional
工作行程 Working Area	1500*3000*500mm	
导轨 Guide Rail	台湾上银 Taiwan Hiwin	台湾银泰 Taiwan PMI
主轴功率 Spindle Power	HQD 9KW风冷换刀主轴 HQD 9KW Air cooling auto tools changer spindle	HSD 9KW风冷换刀主轴 HSD 9KW Air cooling auto tools changer spindle
主轴转速 Spindle Speed	24000rpm/min	
台面结构 Table Structure	真空吸附台面 Vacuum adsorption table	铝型材台面 Aluminum profile table
XYZ结构 Table Structure	XY齿条、Z丝杠 XY-Rack Pinion, Z-Ball Screw	
最大空行速度 MAX Travelling Speed	50000mm/min	
最大雕刻速度 MAX Working Speed	30000mm/min	
运行方式 Driving System	伺服 Servo	进口/国产 Import/domestic
雕刻指令 Command	G代码 G-Code	
工作电压 Working Voltage	AC220V - 50HZ	AC380V - 50HZ
操作系统 Operating System	维宏系统 Dstudio	DSP/新代 DSP/Syntec
毛重 Gross Weight	3000KG	

样品展示 Sample Display



2D & 3D CNC
ENGRAVING MACHINE
平面立体一体机



立体机 Stereo machine

注：机器可根据客户的尺寸要求定制；以上只是代表性展示。
Note: The machine can be customized according to the customer's size requirements;
The above is only a representative display.

适用行业 Applicable Industry

- 立体平面一体机主要用于批量化业务的生产，如工艺浮雕、艺术品、仿古家具、古典家具、红木家具以及木质拼装玩具的制作等。
- Three-dimensional plane integrated machine is mainly used for mass production of business, such as craft relief, art, antique furniture, classical furniture, mahogany furniture and wooden toys, etc.,

性能特点 Performance

- 1. 采用铝型材加旋转轴台面，即可进行平面雕刻机也可以进行立体雕刻。
- 2. 机架采用龙门式结构，机器各零部件以极高的精度生产和组装起来，以确保机器的高性能和稳定性，优良的质量和耐受性。
- 3. 选配先进的USB接口式DSP操作系统，完全脱机工作，不占用任何电脑资源，可实现DSP自动停起，实现高速加工，曲、直线同步，曲线更完美。
- 4. 选用稳定的数控系统，操作简单普通人经过简单培训即可完成操作，无需专业知识。
- 5. 兼容精雕软件/Type3/Artcam/powermill/文泰等多种CAD/CAM设计制作软件。
- 1. Using aluminum profile plus rotary shaft table, can be planar engraving machine can also be three-dimensional engraving.
- 2. Adopt gantry moving column structure, assembling all parts of the machine in extremely high precision to ensure machine of high performance ,stability and excellent quality.
- 3. Equipped with the advanced USB interface DSP off-computer operating system,no need occupy any computer resources to control the machine to realize the high working speed and delicate curve and straight line processing.
- 4. Easy operating stable CNC controlling system can be mastered by the people without any professional knowledge.
- 5. Well Compatible with CAD/CAM design software ,including JINGDIAO /Type3/Artcam/powermill/wentai etc.

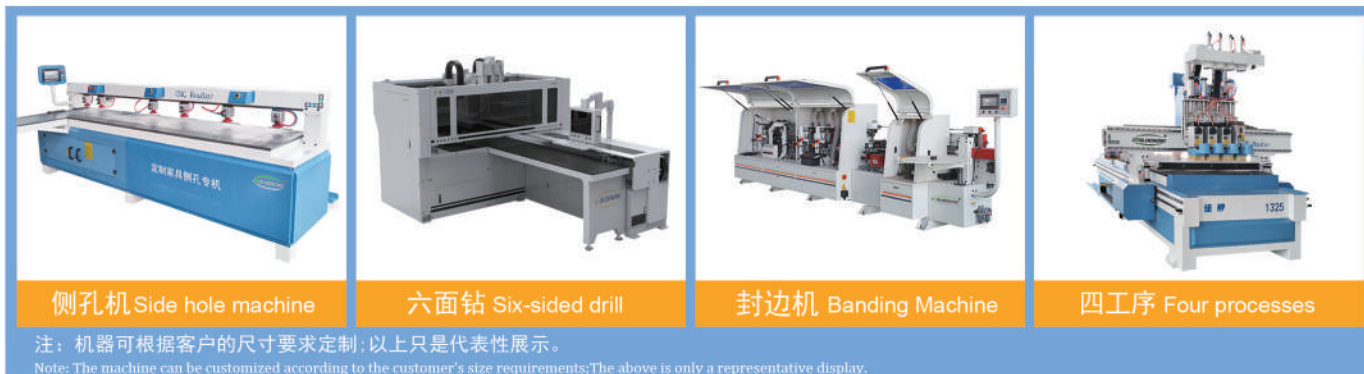
技术参数 Technical Parameters

型号 Model	IG-2025-1-6	可选 Optional
工作行程 Working Area	2000*2500*350mm	
导轨 Guide Rail	台湾上银 Taiwan Hiwin	台湾银泰 Taiwan PMI
主轴功率 Spindle Power Motor	2.2KW风冷主轴 2.2KW Air - cooled spindle	
主轴转速 Spindle Speed	18000rpm/min	
台面结构 Table Structure	铝型材台面 Aluminum profile table	
XYZ结构 Table Structure	XY齿条、Z丝杠 XY-Rack Pinon , Z-Ball Screw	XYZ丝杠 XYZ- Screw
最大空行速度 MAX Travelling Speed	50000mm/min	
最大雕刻速度 MAX Working Speed	20000mm/min	
运行方式 Driving System	伺服 Servo	
雕刻指令 Command	G代码 G Code	
工作电压 Working Voltage	AC380V - 50HZ	AC220V - 50HZ
操作系统 Operating System	维宏系统 Ncstudio	DSP/新代四轴 DSP/Syntec 6MB 4axis control system
毛重 Gross Weight	2500KG	

样品展示 Sample Display



CABINET PRODUCTION LINE 柜体生产线



适用行业 Applicable Industry

- 1. 橱柜、衣柜、银行办公家具、电脑桌、儿童家具、板式家具、办公家具。
- 2. 装修用的镂空花格、软包背景墙制作；板式家具切割下料，开槽排孔。
- 1. Cabinet, wardrobe, bank office furniture, computer table, children's furniture, board furniture, office furniture.
- 2. Openwork lattice for decoration, soft wall background, panel furniture cutting, slotted hole.

柜体生产线 Cabinet production line

性能特点 Performance

- 1. 优化开料、打孔、开槽，自动下料完美结合于一体，双台面交替加工，实现效率产出最大化。
- 2. 配有5+4九孔竖排钻包，更加适用于板式家具打孔，更加方便、快速。
- 3. 采用厚壁大方管支架结构，工程美学外观设计结构。
- 4. 采用双层真空吸附台面，可吸附不同尺寸的板材。
- 5. 采用四方向、六动作板材自动定位系统，板材定位更精准，配有辅助上料及除尘装置。
- 1. Set nesting cutting, punching, slotting and automatic loading and unloading in one machine. With double working table alternately processed to maximize the efficiency output.
- 2. With 5+4 9 hole vertical row drill bag is much more suitable for plate type furniture punching, conveniently and faster.
- 3. Adopt square tube bracket structure with Engineering Aesthetics Exterior Design.
- 4. Adopt Double-layer vacuum adsorption table, which can be used to adsorb different sizes plates.
- 5. Adopt plate materials automatic positioning system with four-direction and six steps action to ensure precise plate positioning. In addition, the machine is configured with auxiliary feeding device and dust collection device.

技术参数 Technical Parameters

型号 Model	IG-1350	可选 Optional
工作行程 Working Area	1300*5000*200mm	
导轨 Guide Rail	台湾上银 Taiwan Hwinn	台湾银泰 Taiwan PMI
主轴功率 Spindle Power Motor	6KW风冷主轴*2 6KW Air cooling spindle*2	
排钻 Row drill	5+4九孔竖排钻 5+4 nine hole vertical row drill bag	
台面结构 Table Structure	A级PVC双层真空吸附台面 PVC double-layer vacuum adsorption table	
XYZ结构 Table Structure	XY齿条、Z丝杠 XY-Rack Pinion, Z-Ball Screw	
最大空行速度 MAX Travelling Speed	60000mm/min	
最大雕刻速度 MAX Working Speed	30000mm/min	
运行方式 Driving System	伺服 Servo	
雕刻指令 Command	G代码 G Code	
工作电压 Working Voltage	AC220V - 50HZ	AC380V - 50HZ
操作系统 Operating System	台湾宝元 Taiwan UN	新代 Syntec
毛重 Gross Weight	3000KG	

样品展示 Sample Display



**CABINET DOOR
PRODUCTION LINE****柜门生产线**

注：机器可根据客户的尺寸要求定制；以上只是代表性展示。

Note: The machine can be customized according to the customer's size requirements; The above is only a representative display.

适用行业 Applicable Industry

- 橱柜、衣柜、银行办公家具、电脑桌、儿童家具、板式家具、办公家具；装修用的镂空花格、软包背景墙制作；板式家具切割下料，开槽排孔。
- Cabinet, wardrobe, bank office furniture, computer desk, children's furniture, panel furniture, office furniture; Hollow lattice, soft bag background wall for decoration; Plate type furniture cutting blanks and slotting holes.

柜门生产线 Cabinet Door Production Line**性能特点 Performance**

- 1. 本机是一款高性价比智能数控开料中心，集自动定位、优化开料、打孔、开槽、雕刻于一体，最大限度的提高了人工的使用效率。
- 2. 机架采用龙门动柱式结构，机器各零部件以极高的精准度生产和组装起来，以确保机器高性能和稳定性，优良的质量和耐受性。
- 3. 该机型是目前行业最高端设备款式，配备9KW风冷独立换刀主轴，可选择8、10、12把刀刀库，满足任何非金属加工需要，另装载9孔位可独立运行排钻包，高效稳定，不必因大直径孔而扩孔，能够一次性加工成型任何非金属材料孔。
- 4. 机械结构采用侧挂式，运行平稳，齿条导轨全防尘设计结构。
- 5. 自动注油系统，三轴全部防尘防水设计，保养维护更方便。
- 6. 整机配备专用的数控设备控制系统，性能稳定，操作简单，普通人经过简单培训即可完成操作，无需专业知识。
- 1. This cabinet production line is higher cost performance intelligent CNC working center, which set integrates automatic positioning, optimizes material cutting, punching, slotting and engraving to one machine, maximize work efficiency.
- 2. Adopt gantry moving column structure, assembling all parts of the machine in extremely high precision to ensure machine of high performance, stability and excellent quality.
- 3. This model is the top equipment in the field. It is equipped with 9kw Air-cooled independent automatic tool change spindle that can be set 8/10/12 tool magazine to meet any non-metal materials processing. In addition, it can be equipped with a set of separately running drilling bag that can drill any different size hole on non-metallic material at one time.
- 4. Adopts the side-hanging type mechanical structure, running more stable. With completely dust-proof structure on all rack and guide rail.
- 5. Automatic lubing system, all three shafts are dust-proof and water-proof, which is more convenient for maintenance.
- 6. The machine is equipped with professional CNC controlling system, stable performance and easy operation, Which can be well mastered by the people without professional knowledge.

技术参数 Technical Parameters

型号 Model	IG-1325	可选 Optional
工作行程 Working Area	1300*2500*250mm	
导轨 Guide Rail	台湾上银 Taiwan Hiwin	台湾银泰 Taiwan PMI
主轴功率 Spindle Power Motor	9kw风冷自动换刀主轴 9kw Air-cooled automatic tool change spindle	
主轴转速 Spindle Speed	18000rpm/min	
台面结构 Table Structure	双层真空吸附台面 Double Vacuum adsorption table	铝型材台面 Aluminum Tslot table
XYZ结构 Table Structure	XY齿条、Z台湾TBI丝杠 XY-Rack Pinion, Z-Taiwan TBL Screw	
最大空行速度 MAX Travelling Speed	50000mm/min	
最大雕刻速度 MAX Working Speed	30000mm/min	
运行方式 Driving System	伺服 Servo	
雕刻指令 Command	G代码 G Code	
工作电压 Working Voltage	AC380V - 50HZ	
操作系统 Operating System	台湾宝元 Taiwan LN	台湾新代 Taiwan Syntec
毛重 Gross Weight	3000KG	

样品展示 Sample Display

STONE CNC ROUTER

石材加工中心



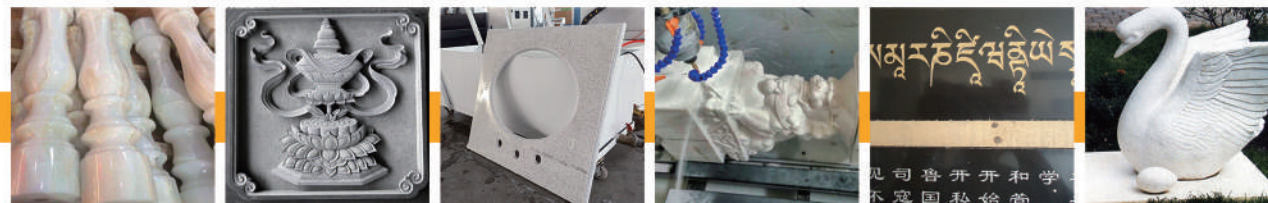
性能特点 Performance

- 1. 整机重3吨，无侧板，震动小，有效避免雕刻底纹等问题。
- 2. 免清洗台面，解决了石材雕刻加工过程中残渣与淤泥堆积难以清理等问题。
- 3. 加工效率高，独特的设计理念，机器稳定性更强，更坚固耐用，有效减少了石材机在高速运转时，主轴抖动、断刀、错位等现象。
- 4. 独特的过滤水箱，水循环系统，有效延长了水槽的使用寿命。
- 5. 自动注油系统，三轴全部防尘防水设计，保养维护更方便。
- 6. 机械主轴，保证机器电主轴在高速运转时，输出的转矩能力不变，主轴耐磨，耐高温。
- 1. The machine weighs 3 tons, without side hanging plate, low vibration, which can be effective avoidance the engraving shading.
- 2. Wash free working table design to solves the cleaning of residue and silt accumulation in the stone carving.
- 3. With high processing efficiency and unique design concept, the machine is more stable and durable, that effectively reduces the vibration of the spindle, cutter breaking and dislocation during stone machine speedy working.
- 4. Unique filter water tank and water circulation system can effectively extend the service life of the water tank.
- 5. Automatic lubing system, all three shafts are dust-proof and water-proof, which is more convenient for maintenance.
- 6. With Mechanical spindle ensure that the torque output of the machine electric spindle remains unchanged when running at high speed, and the spindle is resistant to wear and high temperature.

技术参数 Technical Parameters

型号 Model	IGS-3015	可选 Optional
工作行程 Working Area	3000*1500*500mm	
导轨 Guide Rail	台湾上银 Taiwan HIWIN	台湾银泰 Taiwan PMI
主轴功率 Spindle Power Motor	5.5KW机械主轴 5.5KW Machine spindle	7.5KW
主轴转速 Spindle Speed	24000rpm/min	
台面结构 Table Structure	真空吸附可吸可夹 Vacuum adsorption can be adsorbed or clamped	
XYZ结构 Table Structure	XY齿条、Z丝杠 XY-Rack Pinion, Z-Ball Screw	
最大空行速度 MAX Travelling Speed	50000mm/min	
最大雕刻速度 MAX Working Speed	20000mm/min	
运行方式 Driving System	进口伺服 Imported Servo	
雕刻指令 Command	G代码 G Code	
工作电压 Working Voltage	AC220V - 50HZ	AC380V - 50HZ
操作系统 Operating System	维宏 Ncstudio	
毛重 Gross Weight	3000KG	

样品展示 Sample Display



单头 Stereo machine

独立双头+旋转轴 Stereo machine

立体石材机 Three-dimensional stone machine

桥切机 Bridge cutting machine

注：机器可根据客户的尺寸要求定制；以上只是代表性展示。
Note: The machine can be customized according to the customer's size requirements; The above is only a representative display.

适用行业 Applicable Industry

- 大理石、花岗岩、青石、砂岩、玻璃、人造石、墓碑、石碑、瓷砖等材料的雕刻、切割。
- Carving and cutting of marble, granite, lapis lazuli, sandstone, glass, artificial stone, tombstone, stele, tile and other materials.

5-AXIS ATC CNC ROUTER 五轴加工中心



性能特点 Performance

- 1. 采用稳定的数控系统，功能强大，加工精度高，速度快。
- 2. 采用新代数控系统，机床速度快，加工精度高，德国原装旋转臂确保精度和强度。
- 3. 五轴联动，带RTCP功能（真正五轴插补）适合大型三维立体曲面加工造型。
- 4. 多元化控制可分别控制加工速度、空行速度等。
- 1. Adopt the stable CNC system, powerful function, high processing precision and fast speed.
- 2. With SYNTEC numerical control system, the machine is of high speed and high machining accuracy. The Germany original rotating arm ensure the good accuracy and strength.
- 3. Five-axis linkage with RTCP function (true five-axis interpolation) is suitable for large three-dimensional surface machining modeling.
- 4. Diversified controlling system can be used to control the working speed and the no-load speed.

技术参数 Technical Parameters

型号 Model	IG-1220	可选 Optional
工作行程 Working Area	1200*2000*500mm	
导轨 Guide Rail	台湾上银 Taiwan Hiwin	台湾银泰 Taiwan PMI
主轴功率 Spindle Power Motor	14kw主轴360度 14KW Axis 360 degrees	
主轴转速 Spindle Speed	24000rpm/min	
台面结构 Table Structure	铝型材台面 Aluminum profile table	真空吸附台面 Vacuum adsorption table
XYZ结构 Table Structure	XYZ丝杠 XYZ-Screw	
最大空行速度 MAX Travelling Speed	60000mm/min	
最大雕刻速度 MAX Working Speed	30000mm/min	
运行方式 Driving System	日本安川伺服 Yaskawa servo, Japan	
雕刻指令 Command	G代码 G Code	
工作电压 Working Voltage	AC380V - 50HZ	AC220V - 50HZ
操作系统 Operating System	台湾新代 Taiwan Syntec	
毛重 Gross Weight	30000KG	



注：机器可根据客户的尺寸要求定制，详情请咨询客服。

Note: The machine can be customized according to customer's size requirements; please contact customer service for details.

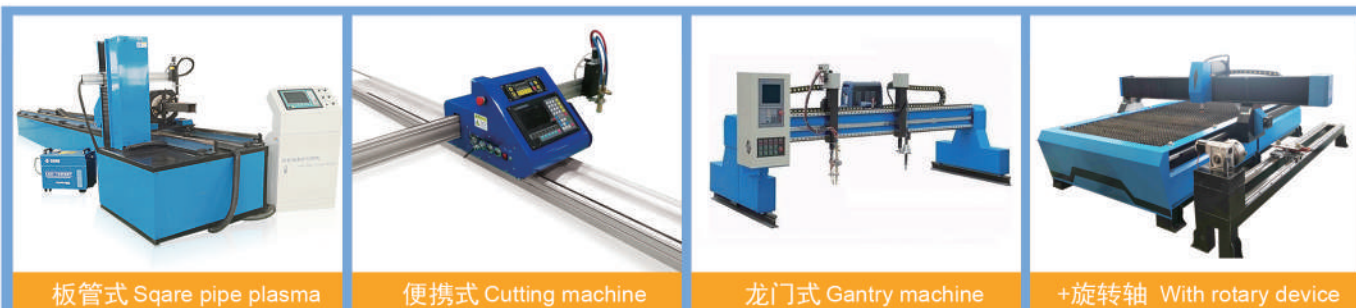
适用行业 Applicable Industry

- 1. 复合材料行业：吸塑件、玻璃钢件、橡塑制品等各种复合材料制品的修边打孔。
- 2. 模具行业：玻璃钢木模、铸造木模、树脂类产品、油泥模型、各种非金属模具五轴加工。
- 3. 陶瓷卫浴行业：石膏模具五轴加工，各种石膏制品五轴加工。
- 4. 家具行业：实木家具五轴加工，各类家具榫卯件五轴加工，楼梯弯头五轴加工，各种家具的五轴加工。
- 1. Composite material industry: plastic parts, glass - plastic parts, rubber and plastic products, such as a variety of composite products, trimming and punching.
- 2. Mold industry: GFRP wood mold, casting wood mold, resin products, clay model, various non-metal mold five-axis processing.
- 3. Ceramic sanitary ware industry: gypsum mold five-axis processing, a variety of gypsum products five-axis processing.
- 4. Furniture industry: solid wood furniture five-axis processing, all kinds of furniture tenon and tenon five-axis processing, staircase bend five-axis processing, all kinds of furniture five-axis processing.

样品展示 Sample Display



PLASMA CUTTING MACHINE 等离子切割机



注：机器可根据客户的尺寸要求定制；以上只是代表性展示。
Note: The machine can be customized according to the customer's size requirements; The above is only a representative display.

适用行业 Applicable Industry

- 机电产品外壳加工、广告标识、工艺装裱、铁艺园林、汽车制造、船舶、电器配件及板材生产下料等行业。
- Shell processing of mechanical and electrical products, advertising signs, process mounting, iron garden, automobile manufacturing, shipping, electrical accessories and plate production blanking industries.

等离子切割机 Plasma Cutting Machine

性能特点 Performance

- 1. 机架采用全焊接结构，坚固不变形，操作简单，持久耐用。
- 2. 切割速度快，精度高，切割口小，整齐，无掉渣现象，避免了二次修整加工。
- 3. 适用于钢板、铜板、铁板、铝板、镀锌板、钛金板等金属板材。
- 4. 数控系统配置高，自动引弧，性能稳定，引弧成功率达到99%以上。
- 5. 支持文泰、北航海尔、ARTCAM、Type3等软件生成的标准G代码路径文件，控制系统采用U盘交换加工文件，操作方便。
- 1. Adopts completely welded structure frame, which is firm, non-deformed and durable.
- 2. Fast cutting speed, high precision, small cutting mouth, neat, no slag drop phenomenon, avoiding the second time Trimming and Machining.
- 3. Applicable for steel, copper, iron, aluminum plate, galvanized sheet, titanium sheet, etc.
- 4. With High configuration CNC system, automatic arc, stable performance, the success rate of arcing reached more than 99%.
- 5. Support reading the standard G code path file generated by professional software, such as wentai, beihang haier, ARTCAM, Type3, etc. The controlling system adopts U disk import the processing files, which is easy to be operated.

技术参数 Technical Parameters

型号 Model	IGP-1325	可选 Optional
工作行程 Working Area	1300*2500*150mm	1500*3000*150mm
等离子源 Plasma Source	63A	100A/120A/160A/200A
工作台结构 Table Construction	锯齿台 Saw working table	刀条台面 Knife table
XYZ结构 Table Structure	XY齿轮齿条、Z滚珠丝杠 XY-Rack Pinion, Z-ballscrew	
最大行走速度 MAX Walking Speed	40000mm/min	
最大工作速度 MAX Working Speed	15000mm/min	
驱动 Drive	步进 Stepper	伺服 Servo
电压 Voltage	AC380V - 50HZ	
软件 Software	Fastcam	
操作系统 Operation System	斯达峰操作系统 Starfire control system	
重量 Weight	1800KG	

样品展示 Sample Display



LASER ENGRAVING & CUTTING MACHINE

激光雕刻机

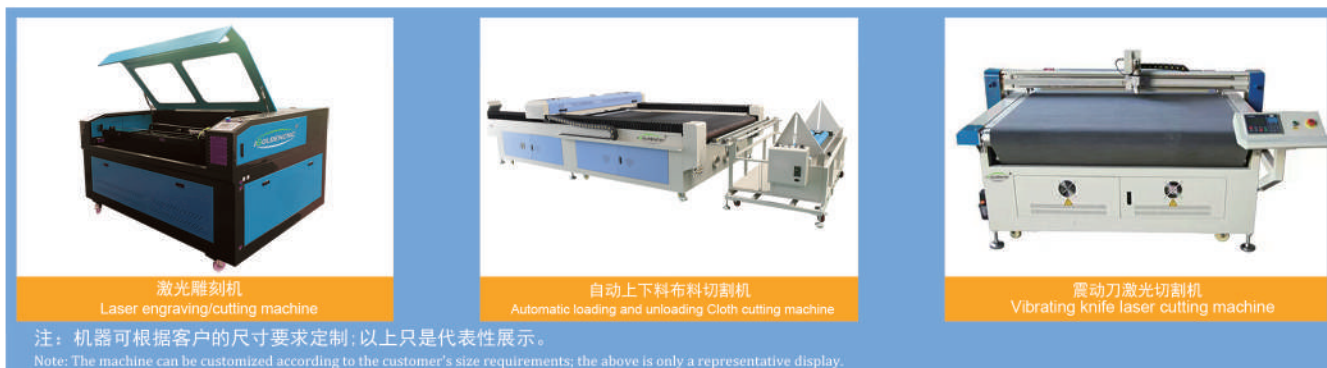


性能特点 Performance

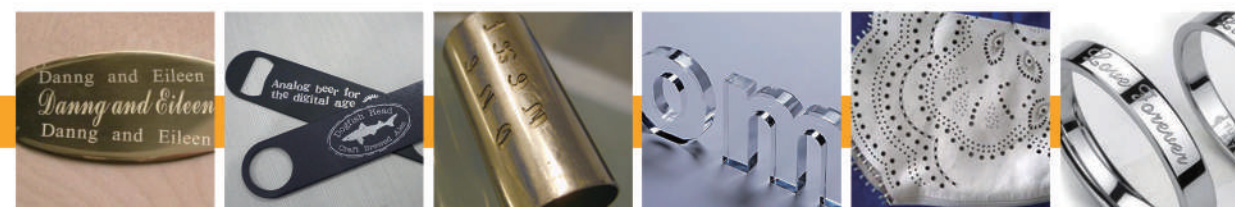
- 1. 采用高效激光管，光束更加稳定。
- 2. 热影响区小，不易变形，切边光滑美观，无需后处理。
- 3. 先进控制系统，专业的运动控制芯片，连续高速度曲线切割和最短路径选择功能提高了效率。
- 4. 红光定位装置指示激光头的位置，消除了手动定位的麻烦。
- 1. Adopt high efficiency laser tube with more stable beam.
- 2. Small heat-affected zone, not easy to metamorphose, cutting edge is smooth and beautiful, no need to do after-process.
- 3. Advanced controlling system with professional motion control chip. Continuously high speed curve cutting and the shortest path selection function are well improved the working efficiency.
- 4. With Red light positioning device indicating the location of laser head, which eliminate the trouble of manual positioning, save working time.

技术参数 Technical Parameters

型号 Model	IGL-1325	可选 Optional
工作行程 Working Area	1300*2500mm	
激光功率 Laser Power	100W	150W
激光类型 Laser Type	二氧化碳密封激光管，水冷 CO2 sealed laser tube, water cooled	
雕刻速度 Engraving Speed	8000mm/min	
切割速度 Cutting Speed	7000mm/min	
电源电压 Main Input	220V-50HZ	110V-60HZ
最小成型文字 Min. Shaping Character	1.0*1.0mm	
支持格式 Graphic Format Supported	BMP	PLT, DST, DXF, AL
软件 Software	CorelDraw	PhotoShop, AutoCAD, TAJIMA
驱动 Driving Motor	步进 Stepping	伺服 Servo
操作系统 Operating System	Windows XP Vista	
运行环境 Operating Environment	温度0-45度程度 Temperature: 0 degree-45 degree	
重量 Weight	1000KG	



样品展示 Sample Display



适用行业 Applicable Industry

- 1. 广告：广告牌，logo，标识，3D人物切割，亚克力切割，LED/霓虹灯频道，literal-hole削减，lightbox霉菌，邮票，模具，密封等
- 2. 木制品：中密度纤维板，木模，木板，竹材，密度板
- 3. 装饰：亚克力，有机玻璃，双色板，椰壳，牛角，采购产品ABS板，灯罩，工艺品，水晶，玻璃，陶瓷，石头，金属涂层等。
- 4. 衣服：皮革，布，textile，鞋子，织物等
- 1. Advertising: billboard, logo, sign, 3D characters cutting, acrylic cutting, LED/neon channel, literal-hole cut, lightbox mold, stamp, mould, seal, etc
- 2. Woodworking: MDF, wooden mould, wood planks, bamboo, density board
- 3. Decoration: acrylic, organic glass, double color board, coconut shell, ox horn, ABS board, lamp shade, crafts, crystal, glass, ceramic, stone, metal coating, etc.
- 4. Clothing: leather, cloth, textile, shoes, fabric, etc

FIBER LASER CUTTING MACHINE 光纤切割机



性能特点 Performance

- 1. 速度快、精度高、效率高、成本低。
- 2. 操作简单，光纤路径，光路无需繁琐调整。
- 3. 结构紧凑，密封性好，对环境变化适应能力强。
- 4. 具有完善的自动排料系统，可节省时间，节省材料，板材利用率高达95%。
- 1.High speed, high precision, high efficiency and low cost.
- 2.Easy operating, fiber optical path, no need tediously adjustment on optical path.
- 3.The machine is of compact structure and good sealing,which is a strong adaptability to environmental change.
- 4. With the perfect automatic nesting system can save time, save the materials, the sheet utilization ratio up to 95%.

技术参数 Technical Parameters

型号 Model	IGF-1530	可选 Optional
工作行程 Working Area	1500*3000mm	2500*1300mm
激光功率 Laser Power	750W	1000W/1500W/2000W
最大切割厚度 Max.Cutting thickness	0.1-10mm	
激光波长 Laser wavelength	1080nm	
额定输出 Rated power	10-100%	
激光功率注入 Laser power injection	2.0KW	
冷水机功率 Water chiller power	1.8KW	
XY轴定位精度 X,Y-axis location accuracy	±0.03mm	
XY轴移动速度 X,Y-axis repeat location accuracy	30m/min	
XY最大切割速度 X,Y-axis max. cutting speed	20m/min	
最小切割宽度 Min. cutting line width	0.02mm	
最大切割速度 Max. cutting speed	12m/min	
额定电压及频率 Voltage and frequency	380V 50Hz/60Hz	220V 50Hz/60Hz



光纤切割机
Fiber laser cutting machine

板管切割机
metal sheet and pipe fiber laser cutting machine

双工位
Double processing table

大包围
All cover fiber laser cutting machine

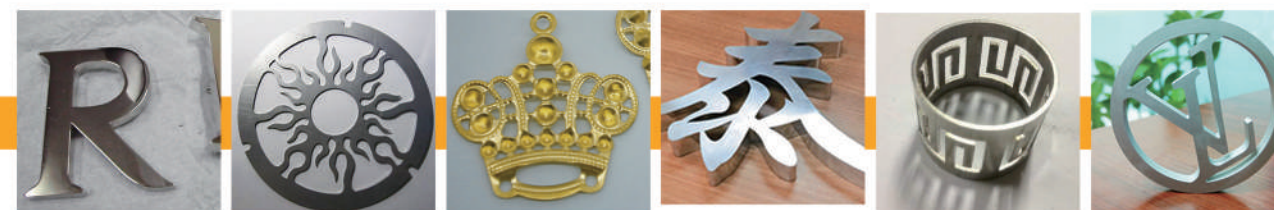
注：机器可根据客户的尺寸要求定制；以上只是代表性展示。

Note: The machine can be customized according to the customer's size requirements;The above is only a representative display.

适用行业 Applicable Industry

- 1. 不锈钢、碳钢等一些金属材料的精密切削
- 2. 航天技术：火箭、飞机、机器人、电梯、汽船、汽车制造及金属零件加工行业。
- 3. 金属板：广告、厨具、刀具、五金等。
- 1.Precision cutting of stainless steel, carbon steel and other metal materials
- 2. Aerospace technology, rocket, aircraft, robot, elevator, steamship, automobile manufacturing and metal parts processing industries;
- 3. Metal plates, advertisements, kitchen utensils, knives, hardware, etc.

样品展示 Sample Display



FIBER LASER
MARKING MACHINE
光纤打标机



性能特点 Performance

- 1. 优异的光学模式，长使用寿命，高达100,000HS.
- 2. 最高的电光转换效率，高达80%，但总功率低于600W.
- 3. 精度高，适用于所有金属和一些非金属的精细加工.
- 4. 本机适应光纤激光器，具有较高的电光转换率，激光质量好，体积小，低功率，更节能.
- 5. 发散角约为泵浦激光半导体的四分之一，特别是主要用于精确，精细打标，使用成本低，电光转换效率高达80%.
- 1. Excellent optical mode, long service life, up to 100,000HS.
- 2. The highest electro-optical conversion efficiency, up to 80%, and the total power is less than 600W.
- 3. High precision, The machine is suitable for delicate processing of all metals and some non-metals.
- 4. This fiber laser marking machine is of high electro-optical conversion rate, good quality laser beam. Air cooling model, small space occupy, low power and energy saving.
- 5. The divergence angle is about one-fourth of the pump laser semiconductor, it is especially used for exactly and delicate marking, low working running cost and the electro-optical conversion efficiency can be up to 30%.

技术参数 Technical Parameters

型号 Model	IGM-20F	可选 Optional
激光功率 Laser power	20W	20W/30W/50W
激光波长 Optical laser wavelength	1064nm	
工作区域 Working area	110X110mm	100x100mm/150x150mm/200x200mm/300X300mm
雕刻速度 Engraving speed	≤7000mm/S	
雕刻深度 Engraving depth	0.05~0.5 mm (根据材料) 0.05~0.5 mm [according to the material]	
最小线宽 Min linewidth	0.01mm	
最小成型文字 Min formed text	0.1mm	
冷却方式 Cooling way	空气冷却 Air cooling	
工作电压 Working Voltage	220V ± 10%/50HZ	
整机功率 Whole Machine Power	<800W	
脉冲重复频率 Pulse Repeat Frequency	20-60KHZ	
最大标记速度 Max Marking Speed	300字符/s, 字符高度1mm 300characters/s, height of character 1mm	
净重 Net weight	110KG	

样品展示 Sample Display



适用行业 Applicable Industry

- 手机按键，塑料半透明按键，电子元件，集成电路（IC），电器，通讯产品，卫生洁具，工具，配件，刀具，眼镜和钟表，珠宝，汽车配件，行李箱扣，炊具，不锈钢制品和 其他行业。
- Mobile phone keys, plastic translucent keys, electronic components, integrated circuits (IC), electrical appliances, communications products, sanitary ware, tools, accessories, knives, glasses and watches, jewelry, Auto parts, luggage buckles, cookers, stainless steel products and other industries.

MOLD ENGRAVING MACHINE

模具雕刻机



注：机器可根据客户的尺寸要求定制；以上只是代表性展示。
Note: The machine can be customized according to the customer's size requirements; The above is only a representative display.

适用行业 Applicable Industry

- 1. 模具行业：可雕刻各种模具，如建筑模型，航空模型，烫金膜，鞋模，压花模具，食品模具等。
- 2. 工业加工：适合各种材料机械零件的曲面，异性铣削加工，仪器仪表盘，石墨加工，电路板雕刻等。
- 3. 工艺品：在各种高硬度材质上进行浮雕，空加工，如玉石，铜板，吊坠，手表表盘，艺术灯具等。
- 1. Mold industry: can carve a variety of mold, such as building model, aviation model, gilding film, shoe mold, embossing mold, food mold.
- 2. Industrial processing: suitable for all kinds of materials and mechanical parts of the surface, milling processing, instrument panel, graphite processing, board engraving and so on.
- 3. Crafts: embossed on various high hardness materials, air processing, such as jade, copper plate, pendant, watch dial, art lamps and lanterns.

模具雕刻机 Mold Engraving Machine

性能特点 Performance

- 1. 床身采用高标准铸铁铸造，经人工时效处理，龙门式结构，钢性好。
- 2. 三轴采用进口高精度直线导轨，高精度滚珠丝杠，兼备了精度与效率。
- 3. 高速高精度雕铣水冷电主轴，适应高速，精密机械加工行业。
- 4. 结构新，三项滚珠丝杠，预拉伸，确保使用寿命和精度。
- 1. Adopt aging treatment high-standard iron cast lathe bed, with gantry type structure, good rigidity.
- 2. Adopt imported high-precision linear guide rail and high precision ball screw rods on three shafts to ensure high precision and efficiency working.
- 3. The high precision speedy engraving and milling water cooling spindle is suitable for high speed and precision machining field.
- 4. New structure with three item ball screw to be ensure long time service life and good precision.

技术参数 Technical Parameters

型号 Model	IGM-6060	可选 Optional
工作行程 Working Area	600*600*150mm	
导轨 Guide Rail	台湾上银 Taiwan Silver	台湾银泰 Taiwan Yintai
主轴功率 Spindle Power Motor	2.2kw	3kw
主轴转速 Spindle Speed	24000rpm/min	
台面结构 Table Structure	龙门式 The gantry structure	
XYZ结构 XYZ screw	XYZ丝杠 XYZ screw	
最大空行速度 MAX Travelling Speed	30000mm/min	
最大雕刻速度 MAX Working Speed	10000mm/min	
运行方式 Driving System	伺服 Servo	步进 Stepping
雕刻指令 Command	G代码 G Code	
工作电压 Working Voltage	AC220V - 50HZ	AC380V - 50HZ
操作系统 Operating System	维宏系统 Nestudio control	DSP
毛重 Gross Weight	800KG	

样品展示 Sample Display

