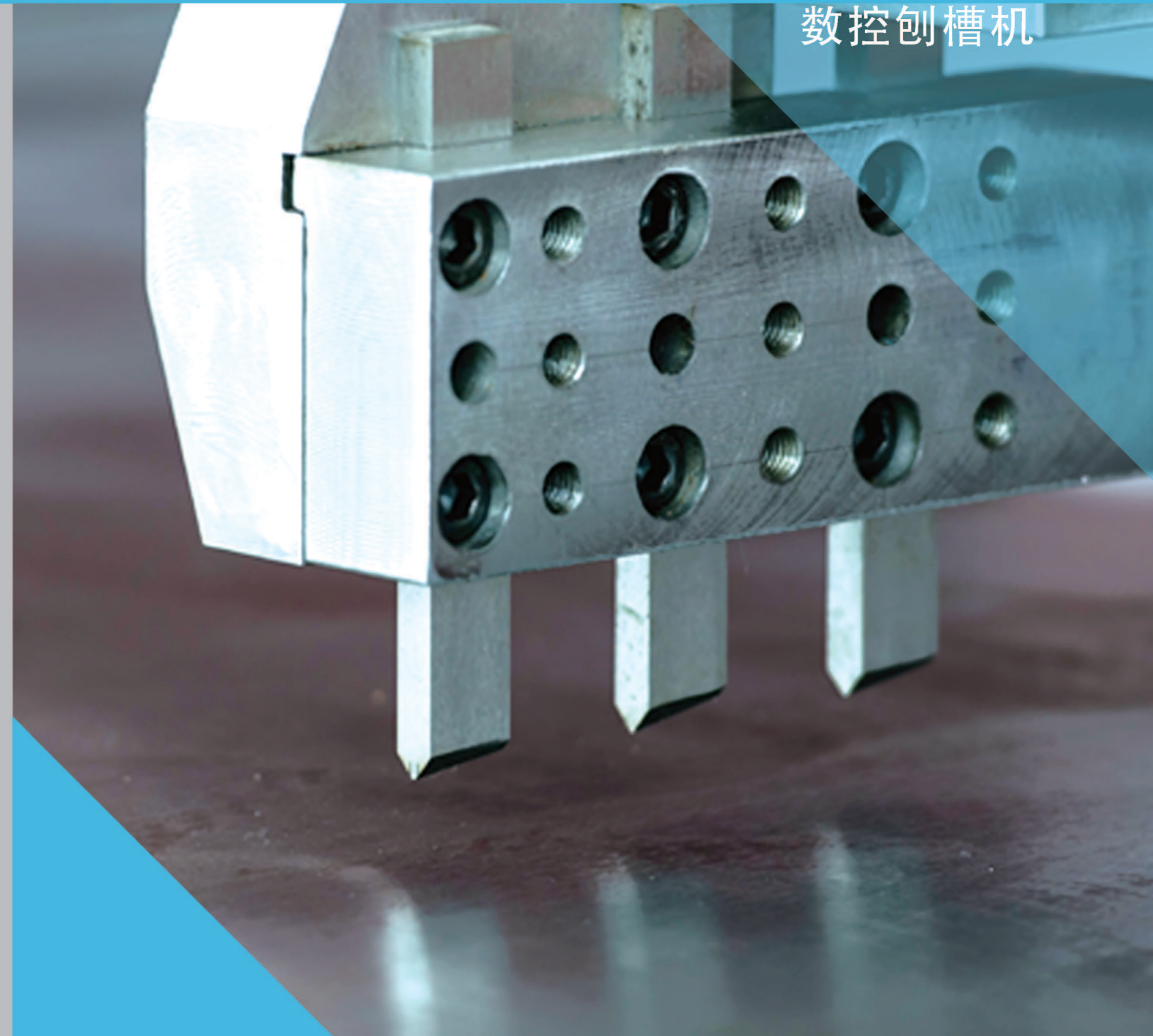


FENGLI



European design philosophy, stronger structure, stable and reliable, high performance.
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FENGLI TECHNICA
数控刨槽机



江苏锋利机械科技有限公司
JIANGSU FENGLI MACHINERY TECHNOLOGY CO., LTD

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FENGLI



公司简介

COMPANY INTRODUCTION

公司外貌▶



公司一角▶



技术部▶



业务洽谈中心▶



休闲区▶



会客区▶



会议中心▶



江苏锋利机械科技有限公司成立于1994年，是一家专业致力于钣金设备研发、生产和销售的综合性公司，拥有超过二十年的经营历史，到目前为止在北京、上海、山东、浙江、甘肃、河南、河北等地区设立了分直销处，产品和服务遍及世界各地。江苏锋丽坐落于江苏省海安市，产业集中，交通便利。

江苏锋利机械科技有限公司位于江苏省海安市李堡工业园区，公司总投资 9700 万元，厂房面积近 20000 平方米，拥有落地镗铣床、龙门刨床、平面磨床等大中型加工设备 20 台（套），公司职工总人数 100 名左右。公司秉承欧洲先进设计理念，结合中国实际需求和经验，制造出结构合理、品质优良的钣金加工设备，目前已成功推出电液同步数控折弯机 90%、刨槽机 10%、光纤激光切割机、柔性钣金加工自动化生产线等产品。

公司施行精细化管理，注重质量，做好细节。产品通过 ISO 9001 质量管理体系、出口许可证，出口世界多个国家和地区；推行 ISO 9001 质量管理体系，规范企业内部管理流程，保证企业稳步发展；建立知识产权保障机制，鼓励创新，获得国家专利 6 项，为公司未来发展奠定坚实基础。企业在逐步发展壮大的同时，为员工营造和谐的氛围，提供发展的空间。以专业和专注的企业精神，本着以人为本、人尽其才的企业文化，力争成为数控钣金机械的引领者和钣金加工的合作者！

Jiangsu Fengli Machinery Technology Co., Ltd. was founded in 1994, which is an integrated company committed to the sheet metal equipment's research and development, production and sales. It has more than 20 years of operating history, and it set up direct sales department in Beijing, Shanghai, Shandong, Zhejiang, Gansu, Henan, Hebei and other region. The products and services throughout the world. Jiangsu Fengli is located in an industrial park of Hai'an city, Jiangsu province, which has concentrated industry and convenient transportation.

Jiangsu Fengli Machinery Technology Co., Ltd. is located in Libao industrial park, Hai'an city, Jiangsu province, the company has a total investment of 97 million yuan, the plant area is nearly 20,000 square meters. It has 20 sets of large and medium-sized processing equipment such as Boring and Milling Machine, planer, and flat grinder.

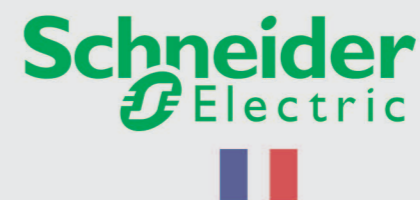
The company has about total 100 employees. The company adheres to the European advanced design concept and combines with China's actual demand and experience to produce sheet metal processing equipment with reasonable structure and excellent quality. At present, the company has successfully launched electro-hydraulic synchronous CNC bending machine 90%, Application of neighborhood 10%, fiber laser cutting machine, flexible sheet metal processing automation production line and other products.

The company carries out fine management, pays attention to the quality, completes the details. The products has passed the ISO 9001 quality management system and export license, and export to many countries and regions in the world. By pushing ISO 9001 quality management system, standardize the internal management process, ensure the steady development of the enterprise, the company has established the intellectual property protection mechanism, encouraged innovation, and obtained one national invention patent, six utility model patents and two appearance patents, which are laying a solid foundation for the company's future development. At the same time, the company will create a harmonious atmosphere for employees and provide space for development. With professional and dedicated spirit of enterprise, in line with the people-oriented of enterprise culture, we are striving to be the leader of CNC sheet metal machinery and to be the partner of sheet metal processing industry.



本公司主要部件选用
德国、日本、韩国、台湾
等进口产品！

The main parts of our
company are imported from
Germany, Japan, Korea,
Taiwan and so on!





应用邻域

Application of neighborhood

工作原理

working principle

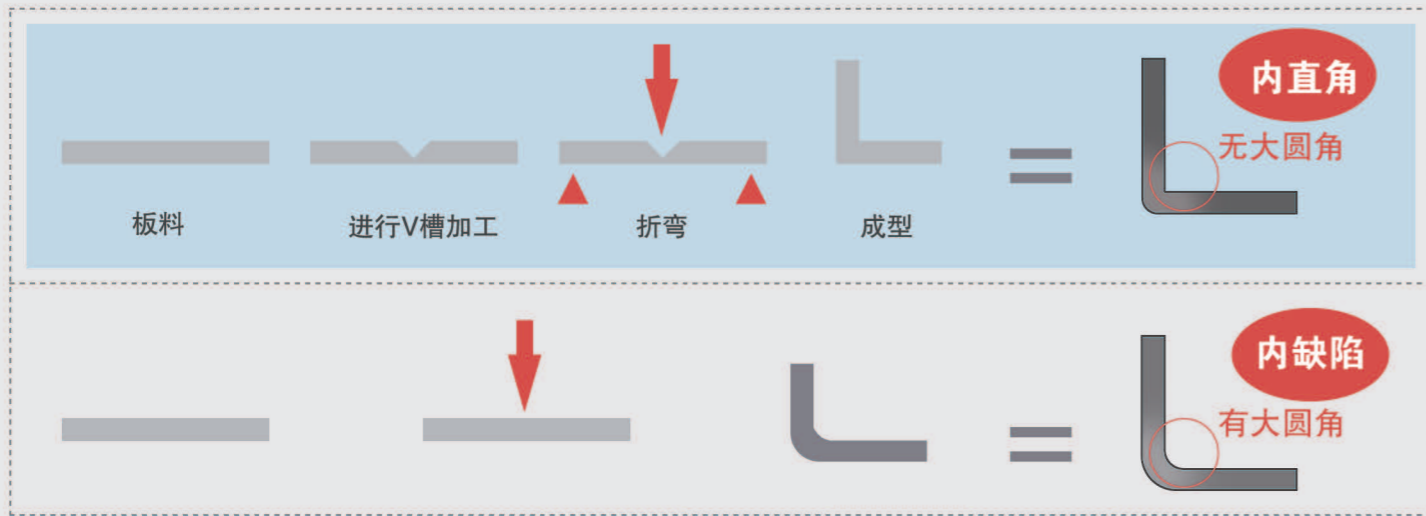
本产品广泛适用于酒店会所装饰、电梯、淋浴房、拼接防盗门、厨房设备、船舶技术等行业。

This product is widely used in the hotel club decoration, elevator, shower room, splicing security doors, kitchen equipment, shipbuilding technology and other industries.



本机床主要用于不锈钢、普通钢、铝及板料折弯前进行V槽加工,使工件既保持原有的刚性,又克服了普通折弯产生的大圆角,平面变曲的缺陷。

This machine is mainly used for the processing of V groove before bending of stainless steel ordinary steel, aluminum and sheet metal. So that the workpiece can not only maintain the original rigidity, but also overcome the general bending of the large round, the plane changed defect of flexure.



装潢 Luxury Decoration



电梯 Elevator



淋浴房 Shower Room



拼接门 Splicing Door



厨房 Kitchen

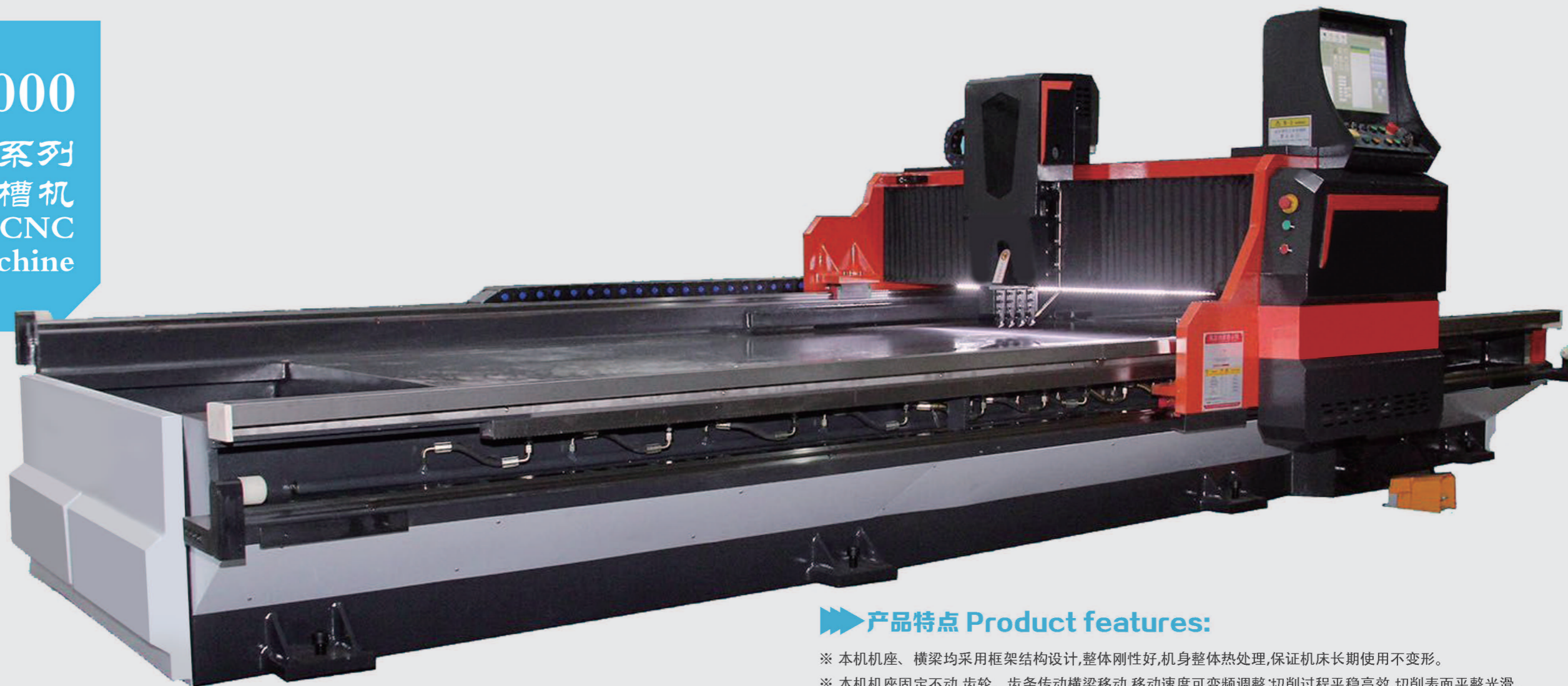


游艇 Yacht



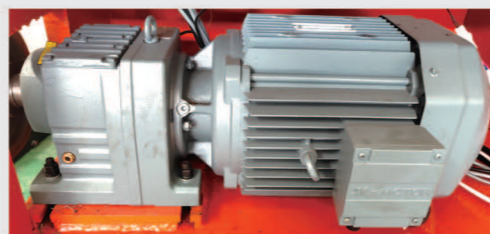
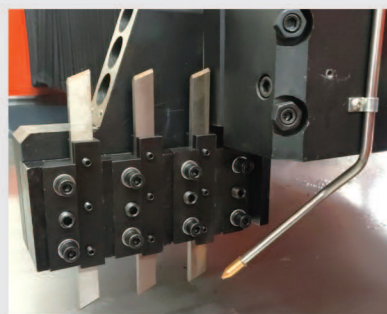
1250x4000

FLV系列
数控刨槽机
FLV series CNC
grooving machine



产品特点 Product features:

- ※ 本机机座、横梁均采用框架结构设计,整体刚性好,机身整体热处理,保证机床长期使用不变形。
- ※ 本机机座固定不动,齿轮、齿条传动横梁移动,移动速度可变频调整;切削过程平稳高效,切削表面平整光滑。
- ※ 本机为x轴、Y1轴、Y2轴、Z轴四轴数控机床,定位精度高,加工范围大。
- ※ 本机分别设有边压料和端压料装置,且均采用液压力压紧,压料力可调,压紧可靠。
- ※ 电机一级传动采用三角带传动,由于三角带的张张力减少了急停、急回时的冲击力,保证了设备的柔性运行,延长了设备的使用寿命。
- ※ 液压系统增设蓄能器补偿,电机间隙工作可节约能源、控制有油温。
- ※ 本机具有自创功能,长时间使用后如台面不平整或有瑕疵,可使用自创功能,是机器焕然一新。
- ※ The machine frame, beam adopts frame structure design, good integral rigidity, small deformation.
- ※ This machine is fixed, helical gear, rack drive beam moving, moving speed of frequency conversion adjustment; cutting process efficient balance, cutting surface smooth. This machine is X axis digital display, Y1 axis, Y2 axis, Z axis and three axis NC machining, high precision, large range of.
- ※ This machine is respectively provided with a side pressing and end pressing device, and adopts hydraulic pressure, adjustable pressing force, reliable press.
- ※ Motor level transmission adopts triangle belt transmission, the tensile force of triangle zones reduced emergency stop, back when the acute impact force, ensure the flexible operation of the equipment, prolongs the service life of equipment.
- ※ The hydraulic system with accumulator compensation gap, motor, energy saving, oil temperature control.
- ※ This machine has the function of self-planing, long time after use if the table is not smooth or defective, can use from the plane, makes the machine take on an altogether new aspect.

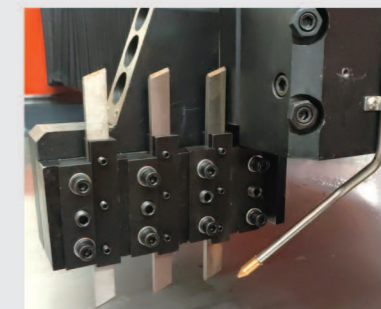




单伺服驱动

1500x4000

FLV系列高速 数控刨槽机 FLV series high speed CNC grooving machine



产品特点 Product features:

- ※ 本机机座、横梁均采用框架结构设计,整体刚性好,机身整体热处理,保证机床长期使用不变形。
- ※ 本机机座固定不动,齿轮、齿条传动横梁移动,移动速度可变频调整;切削过程平稳高效,切削表面平整光滑。
- ※ 本机为x轴,Y1轴、Y2轴、Z轴四轴数控机床,定位精度高,加工范围大。
- ※ 本机分别设有边压料和端压料装置,且均采用液压压紧,压料力可调,压紧可靠。
- ※ 电机一级传动采用三角带传动,由于三角带的张伸力减少了急停、急回时的冲击力,保证了设备的柔性运行,延长了设备的使用寿命。
- ※ 液压系统增设蓄能器补偿,电机间隙工作可节约能源、控制有油温。
- ※ 本机具有自创功能,长时间使用后如台面不平整或有瑕疵,可使用自创功能,是机器焕然一新。
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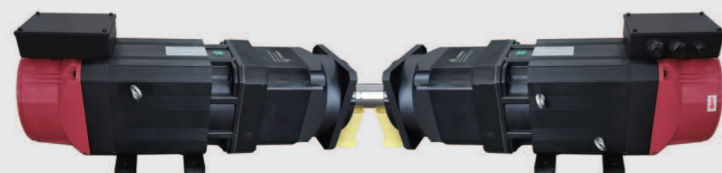
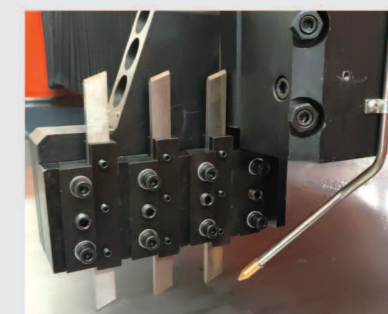




双伺服驱动

1250x4000

FLV系列高速 数控刨槽机 FLV series high speed CNC grooving machine



产品特点 Product features:

- ※ FLV 开槽机机座、横梁均采用框架结构设计，工作台面使用60mm Q 345低合金高强度结构钢，框架采用Q 235钢板，机床整体刚性好，坚固耐用。床身采用天然气回火，消除焊接应力减少设备变形。通过喷砂处理保证漆面涂装效果优秀。
- ※ FLV 开槽机采用精密铜齿轮及斜齿条传动，辅以台湾上银滚柱重载直线导轨，移动速度可变频调整，切削过程平稳高效。采用双伺服电机，双驱动为主动动力，提高机器的稳定性和速度。
- ※ FLV 开槽机的刀架移送装置使用了SFSR 静音滚珠丝杠和QH 静音导轨保证精度高。
- ※ FLV 开槽机加工件采用液压夹紧系统固定，开槽速度快并保证强力夹紧。液压系统增设蓄能器补偿和溢流阀，电机间隙式工作，节约能源，液压系统安全。FLV 开槽机使用四个刀加工“V”槽，因此切削量分配均匀，减少加工件的变形。并且选配微量冷却系统，延长刀具的使用寿命，降低生产费用。FLV 开槽机纵向和横向均可加工，并且具备一个工艺实现板材的“正反面”加工功能。
- ※ 使用本开槽机只用输入键盘和加工程序即可完成。根据操作人员和材质的不同，可用旋钮调整加工速度，便于操作人员操作。可通过显示屏可了解加工中的工序情况。采用感应器保证操作人员的安全。设备发生异常时显示屏上出现报警信息容易维修。
- ※ 使用本开槽机加工时只在加工件的投放和取出时需要人力，因此可节省人工。
- ※ FLV 开槽机台面具有自修复功能，在使用过程中，客户可以根据自身要求自创台面，保证加工精度。

- ※ FLV slotting machine base and beam are designed with frame structure. The work table is made of 60mm Q 345 low-alloy high-strength structural steel. The frame is made of Q 235 steel plate. Sturdy and durable. The bed adopts natural gas tempering to eliminate welding stress and reduce equipment deformation. Ensure excellent coating effect by sandblasting.
- ※ FLV slotting machine adopts precision copper gear and helical rack transmission, supplemented by Taiwan silver roller heavy load linear guide rail, moving speed can be adjusted by frequency conversion, smooth and efficient cutting process.
- ※ Dual servo motor, Double drive main power, improve the stability and speed of the machine. the SFSR quiet ball screw and QH quiet guide rail are used in the knife rest transfer device of FLV grooving machine to ensure high precision.
- ※ FLV grooving machine parts are fixed by hydraulic clamping system, with fast grooving speed and strong clamping. The hydraulic system is equipped with accumulator compensation and overflow valve, motor gap type work, energy saving, hydraulic system safety. FLV slotting machine USES four knives to process "V" slots, so the cutting quantity is evenly distributed, reducing the deformation of the workpiece. And the choice of micro cooling system to extend the use of the tool service life, reduce production cost. FLV slotting machine can be processed longitudinally and laterally, and has a process to achieve the "positive and negative" processing function of the plate.
- ※ using this slotting machine can be completed only by input keyboard and processing procedures. According to the different operators and materials, the processing speed can be adjusted with the knob, which is convenient for operators to operate. Can show Display screen can understand the process in the processing. Use sensors to ensure the safety of operators. When the equipment is abnormal, the alarm information appears on the display screen for easy maintenance.
- ※ the use of this slotting machine only needs manpower when the workpiece is put and taken out, so it can save manpower.
- ※ FLV slotting machine surface has self-repair function, in the process of use, customers can create their own table according to their own requirements, to ensure the processing accuracy.



FLV系列 技术参数 FLV series Technical parameters

机床型号 Mode	开槽板料Y轴 最大宽度 Max.grooving width(mm)	开槽板料X轴 最大长度 Max.grooving length(mm)	开槽板料最大高度 (不锈钢/板料平面度) Max.grooving thickness(mm)	开槽板料 最小厚度 Min.grooving thickness(mm)	V型槽距边 最小距离 Min.grooving distance(mm)	X轴切削速度 m/min(max) Cutting speed	Y轴刀架左右移动 分辨率(mm) Knife rest resolutiong (left and right)	Y/Z轴移动速度 m/min(max) Cutting speed	Z轴刀架上下移动 分辨率(mm) Knife rest resolutiong	Z轴刀架上下 最大距离(mm) Max.grooving distance	主电机功率 (KW) Main motor power	气动系统 工作压力 (Mpa) Pneumatic	机床尺寸 (Dimensions)		
													长 Length (mm)	宽 Width (mm)	高 Height (mm)
1250x3200	1250	3200	<4	0.6	8	0-80	±0.01	0-20	±0.01	50	5.5	6—8	5200	2300	1600
1250x4000	1250	4000	<4	0.6	8	0-80	±0.01	0-20	±0.01	50	5.5	6—8	6000	2300	1600
1250x5000	1250	5000	<4	0.6	8	0-80	±0.01	0-20	±0.01	50	5.5	6—8	7000	2300	1600
1250x6000	1250	6000	<4	0.6	8	0-80	±0.01	0-20	±0.01	50	5.5	6—8	8000	2300	1600
1500x4000	1500	4000	<4	0.6	8	0-70	±0.01	0-20	±0.01	50	5.5	6—8	6000	2480	1600
1500x5000	1500	5000	<4	0.6	8	0-70	±0.01	0-20	±0.01	50	5.5	6—8	8000	2480	1600
1500x6000	1500	6000	<4	0.6	8	0-70	±0.01	0-20	±0.01	50	5.5	6—8	8000	2480	1600
单伺服驱动					1.5mm以下										
1250x3200	1250	3200	<5	0.6	6	0-110	±0.01	0-20	±0.01	50	5.5	6—8	5200	2300	1600
1250x4000	1250	4000	<5	0.6	6	0-110	±0.01	0-20	±0.01	50	5.5	6—8	6000	2300	1600
1250x5000	1250	5000	<5	0.6	6	0-110	±0.01	0-20	±0.01	50	5.5	6—8	7000	2300	1600
1250x6000	1250	6000	<5	0.6	6	0-110	±0.01	0-20	±0.01	50	5.5	6—8	8000	2300	1600
1500x4000	1500	4000	<5	0.6	6	0-100	±0.01	0-20	±0.01	50	5.5	6—8	6000	2480	1600
1500x5000	1500	5000	<5	0.6	6	0-100	±0.01	0-20	±0.01	50	5.5	6—8	8000	2480	1600
1500x6000	1500	6000	<5	0.6	6	0-100	±0.01	0-20	±0.01	50	5.5	6—8	8000	2480	1600
双伺服驱动					1.5mm以下										
1250x3200	1250	3200	<6	0.6	6	0-120	±0.01	0-20	±0.01	50	3x2	6—8	5200	2300	1600
1250x4000	1250	4000	<6	0.6	6	0-120	±0.01	0-20	±0.01	50	3x2	6—8	6000	2300	1600
1250x5000	1250	5000	<6	0.6	6	0-120	±0.01	0-20	±0.01	50	3x2	6—8	7000	2300	1600
1250x6000	1250	6000	<6	0.6	6	0-120	±0.01	0-20	±0.01	50	3x2	6—8	8000	2300	1600
1500x4000	1500	4000	<6	0.6	6	0-110	±0.01	0-20	±0.01	50	3x2	6—8	6000	2480	1600
1500x5000	1500	5000	<6	0.6	6	0-110	±0.01	0-20	±0.01	50	3x2	6—8	8000	2480	1600
1500x6000	1500	6000	<6	0.6	6	0-110	±0.01	0-20	±0.01	50	3x2	6—8	8000	2480	1600

产品不断改进中, 以双方约定的技术方案为准, 不另行通知!