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企业简介 ||

上海一锻机床制造有限公司，占地面积15000多平方，厂房面积8000多平方，300多名员工，其中工程技术人员50多名。技术力量雄厚，加工设备先进，科学的质量管理、较强的开发能力为我公司不断发展奠定了良好的基础。

上海一锻机床制造有限公司的宗旨是用现代企业的管理方法，本着有利于客户，服务于社会的原则进行生产、销售和服务。我公司产品涵盖主要的金属成型机床如机械压力机(包括开式闭式\单点双点、高速等系列)、数控冲、剪板机、折弯机、三辊、四辊卷板机等几十个规格上百个品种。为满足广大客户的需求，也承接非标设备的制造。公司以先进的技术和现代化的管理手段，努力追求产品的高质量，以及令客户满意的售后服务，为航空、轻工、化工、建筑、汽车、电力、电器等行业提供所需要的专用机械和成套设备。

建厂20多年来，上海一锻机床制造有限公司在全国28个大中城市设立了办事服务机构。产品遍布全国，并出口到东南亚、中东等地区，成为广大客户信赖的朋友。追求产品的完美和广大客户永恒的满意，是我厂贯彻执行ISO9001国际品质标准的目标。不断进取，是我们永恒的追求。我们愿与各界朋友携手并进。共同发展。

COMPANY PROFILE ||

Shanghai forging machine tool manufacturing Co., Ltd., covers an area of more than 15000 square meters, plant area of 8000 square meters, more than 300 employees, including engineering and technical personnel more than 50. Strong technical force, advanced processing equipment, scientific quality management, strong development capabilities for the company's continuous development of our company has laid a good foundation.

Shanghai forging machine tool manufacturing Co., Ltd. is a modern enterprise management methods, in favor of customers, service to the principle of social production, sales and service. My company's products cover mainly metal forming machine tool such as a series of mechanical press (including open closed, single point double point, high speed and so on), CNC punching, shearing machine, bending machine, three roll, four roller bending machine etc. specifications of dozens of hundreds of varieties. In order to meet the needs of customers, but also to undertake non - standard equipment manufacturing.

Company with advanced technology and modern management means, to pursue the high quality of products, as well as to make customers satisfied with the after-sales service, for aviation, light industry, chemical industry, construction, automotive, electrical and other industries to provide the required special machinery and complete sets of equipment. Plant more than 20 years, Shanghai forging machine tool manufacturing Co., Ltd. in the country 28 large and medium cities set up a service agency. Products all over the country, and exported to Southeast Asia, the Middle East and other regions, as the majority of customers trust friends. The pursuit of the perfect product and the vast number of customer satisfaction, is our factory to implement the ISO9001 international quality standards. To keep ahead is our eternal pursuit. We are willing to join hands with friends from all walks of life. Common development.



企业方针

强化控制、持续改进；
质量一流、用户满意。

企业目标

不求最大，但求最好，一锻机械努力打造国内锻压行业第一品牌。

企业服务

一切以满足用户的要求为最高准则，
一切以取得用户信誉为最后评价。

企业精神

开拓：发扬前辈开拓精神
创新：实现科技创新进步
精诚：事事体现精诚团结
服务：人人参与服务他人



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YDP-ESS 系列电液同步数控折弯机

SERIES ELECTRO HYDRAULIC SYNCHRONOUS CNC BENDING MACHINE

- ◆ 流线型设计，高速度、高精度、高刚性的4+1轴数控折弯机；
- ◆ 电液伺服系统，全闭环控制滑块同步；
- ◆ 工作台机械挠度补偿和喉口变形补偿机构，保证折弯深度和精度。
- ◆ Streamlined design, high-speed, high-precision, high-rigidity 4+1 axis CNC bending machine;
- ◆ Electro hydraulic servo system, full closed-loop control of slider synchronization;
- ◆ Mechanical deflection compensation and throat deformation compensation mechanism of worktable, Ensure bending depth and accuracy.



快夹装置 (标配)

◆高精度一键式快速夹紧满足了工件夹紧，精度定位的要求，也为换模提供便利。

Quick clamping device (standard)

High precision one key quick clamping meets the requirements of workpiece clamping and precision positioning, and also provides convenience for die change.

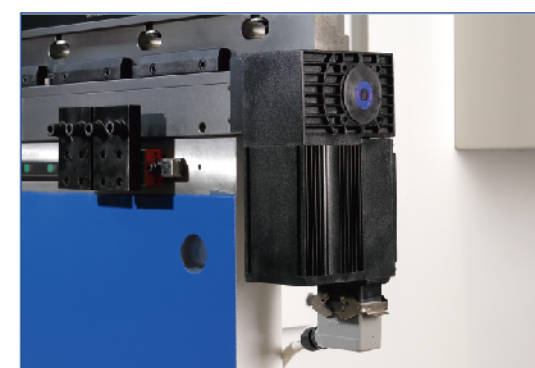


光栅尺 (标配)

◆应用于机床的闭环伺服系统中，可用作直线位移或者角位移的检测。其测量输出的信号为数字脉冲，具有检测范围大，检测精度高，响应速度快的特点。

Grating ruler (standard)

It can be used to detect linear displacement or angular displacement in closed-loop servo system of machine tools. The output signal is digital pulse, which has the characteristics of large detection range, high detection accuracy and fast response speed.



机械挠度补偿 (标配)

◆安装在下工作台内的多组楔块组成，可使楔块左右移动，形成凹凸的理想曲线，保证受力后与滑块的相对位置关系不变，补偿量由数控系统根据板厚模具开口及材料特性进行自动计算确定。

Mechanical deflection compensation (standard)

It is composed of multiple groups of wedges installed in the lower table, which can make the wedge move left and right to form concave convex principle think of the curve to ensure that the relative position relationship with the slider remains unchanged after the force is applied. The compensation is determined by the CNC system. The opening and material characteristics of the die are calculated automatically.

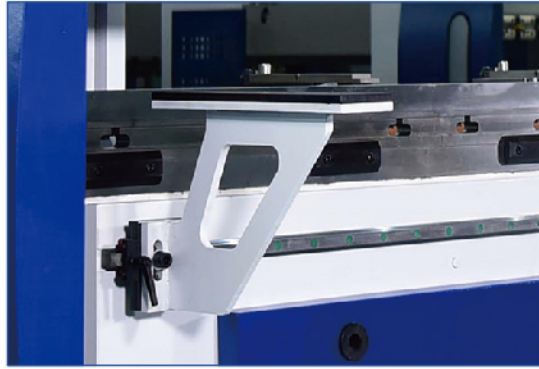


升降式后挡料 (标配)

- ◆由伺服电机控制，保证快速定位且精准折弯；
- ◆挡指在两直线导轨上左右平稳移动，确保最佳定位精度。

Lifting rear stop (standard)

- ◆ It is controlled by servo motor to ensure fast positioning and accurate bending;
- ◆ The stop finger moves smoothly on two linear guides to ensure the best positioning accuracy.



前托架辅助装置 (标配)

- ◆高强度，固定在直线导轨上左右移动，高度可调；
- ◆使用时，根据工件长度将托料架移动到合适位置固定，辅助折弯，提高工作效率。

Front bracket assist (standard)

- ◆ High strength, fixed on the linear guide, moving left and right, height adjustable;
- ◆ When in use, according to the length of the workpiece, the support frame is moved to the appropriate position to fix, assist in bending, and improve the work efficiency.



西门子电机 (选配)

- ◆较高的效率等级降低了能耗，直接使用户节约成本；
- ◆较高的防护等级（IP55），保证客户使用安全可靠；
- ◆绝缘等级F级绝缘，绝缘系统寿命提高。

Siemens motor (optional)

- ◆ High efficiency level reduces energy consumption and directly saves users' costs;
- ◆ High protection level (IP55) to ensure the safety and reliability of customers;
- ◆ The insulation grade is f, and the service life of the insulation system is improved.



瑞士CYBELECS CT12 数控系统 (选配)

- ◆页面简洁，显示清晰，大按键易于触摸操作；
- ◆折弯数据自动计算，折弯程序保存；
- ◆自动计算折弯角度、主压力和挠度补偿；
- ◆标配4轴（Y1-Y2-X-R），2D图形编程。

Cybelecs ct12 CNC system (optional)

- ◆ The page is simple, the display is clear, and the large key is easy to touch and operate;
- ◆ Automatic calculation of bending data and saving of bending program;
- ◆ Automatic calculation of bending angle, main pressure and deflection compensation;
- ◆ Standard 4-axis (y1-y2-x-r), 2D graphic programming.



意大利ESA S630 数控系统 (选配)

- ◆10寸宽屏触摸，显示清晰，内置PLC；
- ◆2D图形编程，标配4+1轴，不可扩展；
- ◆图形化上下模，支持多边模、伸缩模、圆弧模等模具；
- ◆图形编程自动，手动优化。

Italian ESA S630 CNC system (optional)

- ◆10 inch wide screen touch, clear display, built-in PLC;
- ◆2D graphic programming, standard configuration of 4 + 1 axis, non expandable;
- ◆Graphic upper and lower die, supporting multilateral die, telescopic die, arc mold and other molds;
- ◆Graphic programming automatic, manual optimization.

技术参数表 / Technical parameter list

机床型号 Machine tool model	公称压力 Nominal Pressure KN	工作台长度 Length of working table mm	立柱间距 Distance between uprights mm	吼口深度 Throat deptht mm	滑块行程 Ram stroke mm	最大开启高度 Throat deptht mm	主电机功率 Motor power KW	重量约 weight Kg	外形尺寸 (LxWxH) mm
30T/1250	300	1250	900	200	160	410	4	3000	1650*1250*2400
63T/2500	630	2500	2000	300	160	425	5.5	6400	2950*1450*2450
110T/2500	1100	2500	2000	400	225	500	7.5	7200	3050*1650*2750
110T/3200	1100	3200	2700	400	225	500	7.5	8400	3750*1650*2750
110T/4100	1100	4100	3600	450	225	500	7.5	9800	4650*1750*2750
130T/2500	1300	2500	2000	400	225	500	11	7800	3050*1650*2800
130T/3200	1300	3200	2700	400	225	500	11	9300	3750*1650*2800
130T/4100	1300	4100	3600	450	225	500	11	11000	4650*1750*2800
130T/5100	1300	5100	4600	400	225	500	15	14500	5600*1850*2950
130T/6100	1300	6100	5600	400	225	500	15	17600	6650*1850*3150
170T/2500	1700	2500	2000	400	225	500	15	8800	3050*1680*2750
170T/3200	1700	3200	2700	400	225	500	15	10200	3750*1680*2750
170T/4100	1700	4100	3600	450	225	500	15	12000	4650*1780*2750
170T/5100	1700	5100	4600	400	225	500	15	15800	5650*1850*3000
170T/6100	1700	6100	5600	400	225	500	15	18700	6650*1850*3180
210T/3200	2100	3200	2700	400	225	500	15	10800	3750*1680*2750
210T/4100	2100	4100	3600	450	225	500	15	12600	4650*1780*2750
210T/5100	2100	5100	4600	450	225	500	18.5	16500	5650*1850*3000
210T/6100	2100	6100	5600	450	225	500	18.5	19200	6650*1850*3180
250T/3200	2500	3200	2700	400	250	525	18.5	13000	3750*1860*3000
250T/4100	2500	4100	3600	450	250	525	18.5	14800	4650*1860*3000
250T/5100	2500	5100	4600	450	250	525	18.5	19800	5650*1860*3125
250T/6100	2500	6100	5600	450	250	525	18.5	24000	6650*1860*3320
320T/3200	3200	3200	2700	450	250	525	22	15000	3750*1860*3000
320T/4100	3200	4100	3600	450	250	525	22	16500	4650*1960*3000
320T/5100	3200	5100	4600	500	250	525	22	20500	5650*1960*3280
320T/6100	3200	6100	5600	500	250	525	22	25800	6650*1960*3450
400T/3200	4000	3200	2700	450	285	560	22	16800	3750*1950*3150
400T/4100	4000	4100	3600	450	285	560	22	17500	4650*2050*3150
400T/5100	4000	5100	4600	500	285	560	22	22000	5650*2050*3350
400T/6100	4000	6100	5600	500	285	560	22	27500	6650*2050*3450
500T/4100	5000	4100	3600	500	285	560	30	19500	4650*2180*3380
500T/5100	5000	5100	4600	500	285	560	30	24500	5650*2180*3450
500T/6100	5000	6100	5600	500	285	560	30	28800	6650*2180*3580
600T/4100	6000	4100	3600	500	285	560	30	21600	4650*2200*3380
600T/5100	6000	5100	4600	500	285	560	30	28000	5650*2200*3500
600T/6100	6000	6100	5600	500	285	560	30	34500	6650*2200*3750

备注：由于产品不断改进，如出现样本技术数据与产品实际数据有不一致时，应遵照双方的技术参数协议。不再另行通知

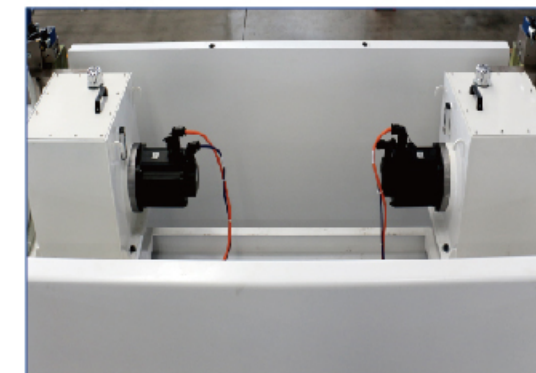
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YDP-HSS 系列油电混合高性能数控折弯机

SERIES OF HYBRID HIGH PERFORMANCE CNC BENDING MACHINE

- ◆ 基于SVP的油电混合系统，采用伺服电机代替普通电机，保留比例阀控技术，成熟可靠；
- ◆ 采用了这种伺服控制的变量泵技术，可以显著降低工作噪音，减少有温发热以及节能40%以上。
- ◆ In SVP based oil electric hybrid system, using servo motor instead of common motor, and proportional valve control technology is reserved, which is mature and reliable;
- ◆ This servo controlled variable pump technology can significantly reduce the working noise, reduce the heating with temperature and save energy by more than 40%.



伺服主电机 (标配)

- ◆ 采用二台伺服电机及伺服泵控制左右油缸；
- ◆ 能量损耗非常低，高效低热、节能降噪效果非常突出。
- ◆ 高性能伺服液压系统，集成式设计，结构紧凑，密封性能强。

Servo main motor (standard)

- ◆ Two servo motors and servo pumps are used to control the left and right oil cylinders;
- ◆ Low energy consumption, high efficiency, low heat, energy saving and noise reduction effect is very prominent.
- ◆ High performance servo hydraulic system, integrated design, compact structure and strong sealing performance.



快夹装置 (标配)

- ◆ 高精度一键式快速夹紧满足了工件夹紧，精度定位的要求，也为换模提供便利。

Quick clamping device (standard)

High precision one key quick clamping meets the requirements of workpiece clamping and precision positioning, and also provides convenience for die change.

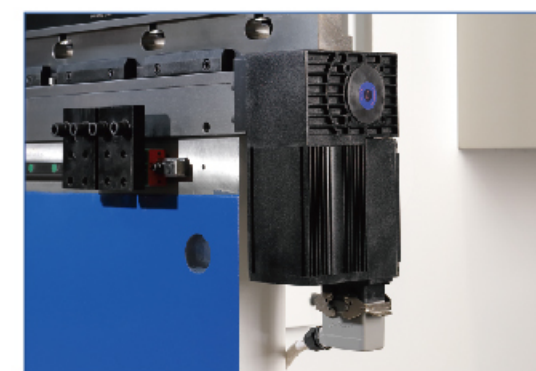


光栅尺 (标配)

- ◆ 应用于机床的闭环伺服系统中，可用作直线位移或者角位移的检测。其测量输出的信号为数字脉冲，具有检测范围大，检测精度高，响应速度快的特点。

Grating ruler (standard)

It can be used to detect linear displacement or angular displacement in closed-loop servo system of machine tools. The output signal is digital pulse, which has the characteristics of large detection range, high detection accuracy and fast response speed.

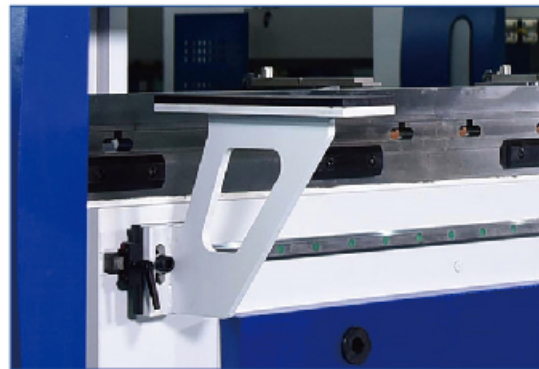


机械挠度补偿 (标配)

- ◆ 安装在下工作台内的多组楔块组成，可使楔块左右移动，形成凹凸的理想曲线，保证受力后与滑块的相对位置关系不变，补偿量由数控系统根据板厚模具开口及材料特性进行自动计算确定。

Mechanical deflection compensation (standard)

It is composed of multiple groups of wedges installed in the lower table, which can make the wedge move left and right to form concave convex principle think of the curve to ensure that the relative position relationship with the slider remains unchanged after the force is applied. The compensation is determined by the CNC system. The opening and material characteristics of the die are calculated automatically.

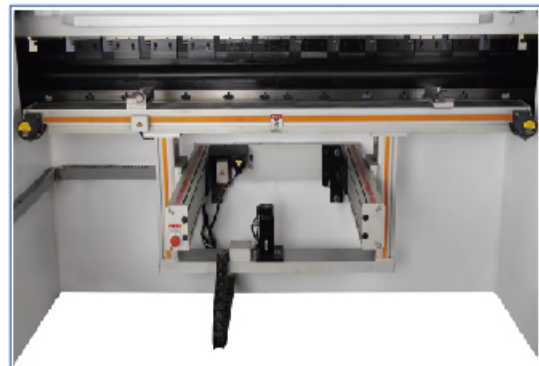


前托架辅助装置 (标配)

- ◆高强度，固定在直线导轨上左右移动，高度可调；
- ◆使用时，根据工件长度将托料架移动到合适位置固定，辅助折弯，提高工作效率。

Front bracket assist (standard)

- ◆ High strength, fixed on the linear guide, moving left and right, height adjustable;
- ◆ When in use, according to the length of the workpiece, the support frame is moved to the appropriate position to fix, assist in bending, and improve the work efficiency.



标准后挡料 (选配)

- ◆由伺服电机控制，保证快速定位且精准折弯；
- ◆挡料在两直线导轨上方左右平稳移动，确保最佳定位精度。

Standard rear retaining structure (optional)

- ◆ It is controlled by servo motor to ensure fast positioning and accurate bending;
- ◆ The stopper moves smoothly on the top of the two linear guides to ensure the best positioning accuracy.



精密后挡料挡指 (选配)

- ◆解决了后挡料挡指调节精度不高、锁紧操作不方便等问题，微调方式，调节精度高，且锁紧安装快速方便，提高了工作效率。

Precision rear stop finger (optional)

- ◆It solves the problems of low adjustment accuracy and inconvenient locking operation of the rear stop finger. The fine adjustment mode has high adjustment accuracy, and the locking installation is fast and convenient, and the working efficiency is improved.



瑞士CybTouch 15PS 数控系统 (选配)

- ◆标配自动模拟折弯步序功能；
- ◆2D 手指画图编程功能和精准2D程序创建；
- ◆结构紧凑，标配4轴，最多控制到6轴；
- ◆15英寸触摸屏，可戴手套使用。

Cybtouch 15ps CNC system (optional)

- ◆ Automatic simulation of bending steps is provided as standard;
- ◆The programming function of 2D finger drawing and the creation of precise 2D program;
- ◆Compact structure, 4-axis standard configuration, up to 6-axis control;
- ◆The 15 inch touch screen can be used with gloves.

技术参数表 / Technical parameter list

机床型号 Machine tool model	公称压力 Nominal Pressure KN	工作台长度 Length of working table mm	立柱间距 Distance between uprights mm	喉口深度 Throat depth mm	滑块行程 Ram stroke mm	最大开启高度 Throat depth mm	主电机功率 Motor power KW	重量约 weight Kg	外形尺寸 (LxWxH) mm
30T/1250	300	1250	900	200	160	410	2.8	3000	1650*1250*2400
63T/2500	630	2500	2000	300	160	425	2.8*2	6400	2950*1450*2450
110T/2500	1100	2500	2000	400	225	500	5.6*2	7200	3050*1650*2750
110T/3200	1100	3200	2700	400	225	500	5.6*2	8400	3750*1650*2750
110T/4100	1100	4100	3600	450	225	500	5.6*2	9800	4650*1750*2750
130T/2500	1300	2500	2000	400	225	500	5.6*2	7800	3050*1650*2800
130T/3200	1300	3200	2700	400	225	500	5.6*2	9300	3750*1650*2800
130T/4100	1300	4100	3600	450	225	500	5.6*2	11000	4650*1750*2800
130T/5100	1300	5100	4600	400	225	500	5.6*2	14500	5600*1850*2950
130T/6100	1300	6100	5600	400	225	500	5.6*2	17600	6650*1850*3150
170T/2500	1700	2500	2000	400	225	500	5.6*2	8800	3050*1680*2750
170T/3200	1700	3200	2700	400	225	500	5.6*2	10200	3750*1680*2750
170T/4100	1700	4100	3600	450	225	500	5.6*2	12000	4650*1780*2750
170T/5100	1700	5100	4600	400	225	500	8.6*2	15800	5650*1850*3000
170T/6100	1700	6100	5600	400	225	500	8.6*2	18700	6650*1850*3180
210T/3200	2100	3200	2700	400	225	500	5.6*2	10800	3750*1680*2750
210T/4100	2100	4100	3600	450	225	500	5.6*2	12600	4650*1780*2750
210T/5100	2100	5100	4600	450	225	500	8.6*2	16500	5650*1850*3000
210T/6100	2100	6100	5600	450	225	500	8.6*2	19200	6650*1850*3180
250T/3200	2500	3200	2700	400	250	525	8.6*2	13000	3750*1860*3000
250T/4100	2500	4100	3600	450	250	525	8.6*2	14800	4650*1860*3000
250T/5100	2500	5100	4600	450	250	525	8.6*2	19800	5650*1860*3125
250T/6100	2500	6100	5600	450	250	525	8.6*2	24000	6650*1860*3320
320T/3200	3200	3200	2700	450	250	525	8.6*2	15000	3750*1860*3000
320T/4100	3200	4100	3600	450	250	525	8.6*2	16500	4650*1960*3000
320T/5100	3200	5100	4600	500	250	525	8.6*2	20500	5650*1960*3280
320T/6100	3200	6100	5600	500	250	525	8.6*2	25800	6650*1960*3450
400T/3200	4000	3200	2700	450	285	560	15*2	16800	3750*1950*3150
400T/4100	4000	4100	3600	450	285	560	15*2	17500	4650*2050*3150
400T/5100	4000	5100	4600	500	285	560	15*2	22000	5650*2050*3350
400T/6100	4000	6100	5600	500	285	560	15*2	27500	6650*2050*3450
500T/4100	5000	4100	3600	500	285	560	15*2	19500	4650*2180*3380
500T/5100	5000	5100	4600	500	285	560	15*2	24500	5650*2180*3450
500T/6100	5000	6100	5600	500	285	560	15*2	28800	6650*2180*3580
600T/4100	6000	4100	3600	500	285	560	22*2	21600	4650*2200*3380
600T/5100	6000	5100	4600	500	285	560	22*2	28000	5650*2200*3500
600T/6100	6000	6100	5600	500	285	560	22*2	34500	6650*2200*3750

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WC67K 双伺服数控折弯机

DOUBLE SERVO CNC BENDING MACHINE

- ◆ 主机采用WC67K系列机型，配经济型专用数控系统；
 - ◆ 多工步编程功能，能够实现多步程序自动运行、连续定位、实现后挡料及滑块位置自动精确调节；
 - ◆ 折弯计数功能，实时显示加工数量，断电记忆后挡料滑块位置、程序及参数；
 - ◆ 后挡料采用进口滚珠丝杆，确保了后挡料的定位精度，机器加工精度更高。
- ◆ The main machine adopts WC67Y series models, special NC system with economic type;
- ◆ Multi-step programming function, can realize the multi-step program to run automatically, continuous positioning, after the realization of the block and slider position accurate automatic adjustment;
- ◆ The bending counting function, display the number of processed materials, the position of the slider, procedures and parameters of power failure memory block;
- ◆ The rear stopper adopts imported ball screw, to ensure the positioning precision of Rear, high precision machine processing.



快夹装置(标配)

- ◆ 高精度一键式快速夹紧满足了工件夹紧，精度定位的要求，也为换模提供便利。

Quick clamping device (standard)

- ◆ High precision one key quick clamping meets the requirements of workpiece clamping and precision positioning, and also provides convenience for die change.



手动机械补偿 (选配)

- ◆ 手动机械补偿，由楔块的轴向位移而产生完美的补偿曲线，确保工件达到极高的折弯精度。

Manual mechanical compensation (optional)

- ◆ Manual mechanical compensation, a perfect compensation curve is generated by the axial displacement of wedge, Ensure that the workpiece reaches high bending accuracy.



可调式齿轮齿条传动机构 (标配)

- ◆ 传递动力大、效齿轮传动的特点,能保证恒定的传动比,能传递任意夹角两轴间的运动,寿命长,工作平稳,可靠性高。

Adjustable rack and pinion transmission mechanism (standard)

- ◆ With the characteristics of large transmission power and effective gear transmission, it can ensure constant transmission ratio and transfer the movement between two shafts at any angle. It has long service life, stable operation and high reliability.

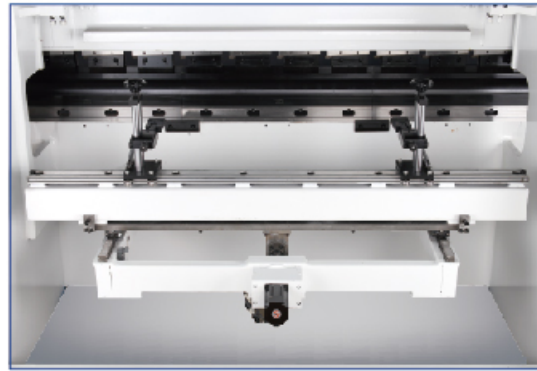


伺服角度控制 (标配)

- ◆ 由伺服电机控制，快速变化角度，实现自动化折弯。

Servo angle control (standard)

- ◆ Controlled by servo motor, the angle can be changed quickly to realize automatic bending.



后挡料装置 (标配)

- ◆ 新颖独特的双直线导轨结构，确保极佳的定位精度。多级挡位设计，加大定位范围，物超所值。

Rear blocking device (standard)

- ◆ The unique double linear guide rail structure ensures excellent positioning accuracy. Multi level gear design, increase the positioning range, value for money.



精密后挡料挡指 (标配)

- ◆ 解决了后挡料挡指调节精度不高、锁紧操作不方便等问题，微调方式，调节精度高，且锁紧安装快速方便，提高了工作效率。

Precision rear stop finger (standard)

- ◆ It solves the problems of low adjustment accuracy and inconvenient locking operation of the rear stop finger. The fine adjustment mode has high adjustment accuracy, and the locking installation is fast and convenient, and the working efficiency is improved.



升降式后挡料 R轴 (选配)

- ◆ 由伺服电机控制，保证快速定位且精准折弯；
- ◆ 挡指在两直线导轨上左右平稳移动，确保最佳定位精度。

Lifting rear stop (optional)

- ◆ It is controlled by servo motor to ensure fast positioning and accurate bending;
- ◆ The stop finger moves smoothly on two linear guides to ensure the best positioning accuracy.



数控系统 (标配)

1. 对后挡料进行定位控制，对折弯机滑块死挡块进行定位控制；
2. 具有单相和双向定位功能，有效消除丝杠间隙；
3. 具有退让送料功能，避免后挡料装置与工件的干涉，减少磨损，提高定位精度；
4. 具有自动或手动搜索参考点功能；
5. 具有断电位置记忆功能，对参数、位置及程序进行现场保护；

Numerical Control System (standard)

1. Backgauge positioning control, bending machine slider dead stop positioning control;
2. With single-phase and two-way positioning, the effective elimination of the screw gap;
3. Feed function has to give way to escape, after avoiding interference with the workpiece stop feeding device to reduce wear and improve positioning accuracy;
4. With automatic or manual search function reference point;
5. Has the power position memory function, the parameters, location and procedures for on-site protection;

技术参数表 / Technical parameter list

机床型号 Machine tool model	公称压力 Nominal Pressure KN	工作台长度 Length of working table mm	立柱间距 Distance between uprights mm	喉口深度 Throat depth mm	滑块行程 Ram stroke mm	最大开启高度 Throat depth mm	主电机功率 Motor power KW	重量约 weight Kg	外形尺寸 (LxWxH) mm
40T/1500	400	1500	1250	280	100	320	5.5	2750	2200×1200×1910
40T/2000	400	3200	1850	280	100	320	5.5	3000	2500×1200×1910
63T/2500	630	2500	2000	300	100	320	5.5	4000	2500×1400×2210
63T/3200	630	3200	2500	300	100	320	5.5	4800	3200×1400×2210
80T/2500	800	2500	2000	320	100	320	7.5	5700	2500×1500×2300
80T/3200	800	3200	2500	320	100	350	7.5	6020	3200×1500×2300
80T/4000	800	4000	3200	320	100	350	7.5	7000	4000×1500×2400
100T/2500	1000	2500	2000	320	120	370	11	6000	2500×1600×2400
100T/3200	1000	3200	2500	320	120	370	11	6500	3200×1600×2400
100T/4000	1000	4000	3200	320	120	370	11	7500	4000×1600×2450
100T/5000	1000	5000	4300	350	140	370	11	8600	5200x1650x2630
100T/6000	1000	6000	5400	350	140	370	11	9800	6200x1650x2630
125T/3200	1250	3200	2500	320	120	370	11	6800	3200×1600×2450
125T/4000	1250	4000	3200	320	120	370	11	8200	4000×1600×2450
160T/3200	1600	3200	2600	320	200	460	11	9000	3200×1700×2700
160T/4000	1600	4000	3200	320	200	460	11	10500	4000×1700×2700
160T/5000	1600	5000	4000	320	200	460	11	16500	5000×1700×2700
160T/6000	1600	6000	5000	320	200	460	11	19000	6600×1700×2700
200T/3200	2000	3200	2500	320	200	460	18.5	12500	3200×1950×2800
200T/4000	2000	4000	3000	320	200	460	18.5	13000	4000×1950×2800
200T/5000	2000	5000	4000	320	200	460	18.5	16500	5000×1950×3000
200T/6000	2000	6000	5000	320	200	460	18.5	20000	6000×1950×3300
250T/3200	2500	3200	2500	400	250	590	18.5	20000	3250×2000×3200
250T/4000	2500	4000	3000	400	250	590	18.5	23000	4000×2000×3400
250T/5000	2500	5000	4000	400	250	590	18.5	26000	5000×2000×3400
250T/6000	2500	6000	5000	400	250	590	18.5	28000	6000×2000×3400
300T/4000	3000	4000	3000	400	250	590	22	24000	4000×2000×3450
300T/5000	3000	5000	4000	400	250	590	22	28000	5000×2000×3450
300T/6000	3000	6000	5000	400	250	590	22	35000	6000×2000×3450
400T/4000	4000	4000	3000	400	250	590	30	26000	4000×2180×3400
400T/5000	4000	5000	4000	400	250	590	30	32500	5000×2180×3500
400T/6000	4000	6000	5000	400	250	590	30	37000	6000×2180×3800
500T/5000	5000	5000	4000	400	300	590	45	48000	5050×3500×3700
500T/6000	5000	6000	5000	400	300	590	45	57000	6050×3500×3700
600T/4000	6000	4000	3000	400	320	590	55	45000	4050×4500×3700
600T/6000	6000	6000	5000	400	320	590	55	70000	6050×4500×3700
800T/6000	8000	6000	5000	400	320	590	55	85000	6300×4500×6000

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YDP-PES

全电伺服数控折弯机(6+1轴)

ALL ELECTRIC SERVO CNC BENDING MACHINE (6+1 AXIS)

- ◆ 快进速度一般快于电液伺服折弯机;
- ◆ 工进速度是一般电液伺服折弯机的2倍以上;
- ◆ 加减速的能力远高于电液伺服折弯机, 在速度变换工程中节约时间。
- ◆ The fast forward speed is generally faster than the electro-hydraulic servo bending machine;
- ◆ The working speed is more than 2 times of the general electro-hydraulic servo bending machine;
- ◆ The ability of acceleration and deceleration is much higher than that of electro-hydraulic servo bending machine, which can save time in speed change engineering.



快夹装置 (标配)

- ◆ 高精度一键式快速夹紧满足了工件夹紧, 精度定位的要求, 也为换模提供便利。

Quick clamping device (standard)

High precision one key quick clamping meets the requirements of workpiece clamping and precision positioning, and also provides convenience for die change.

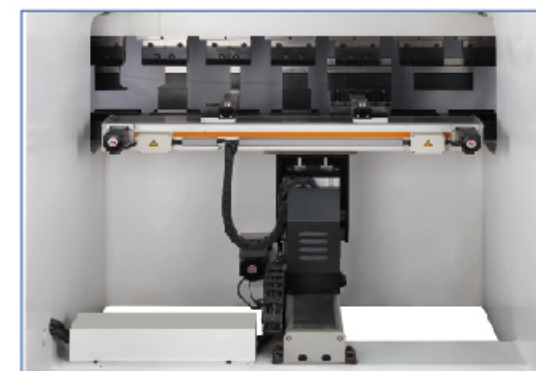


光栅尺(标配)

- ◆ 应用于机床的闭环伺服系统中, 可用作直线位移或者角位移的检测。其测量输出的信号为数字脉冲, 具有检测范围大, 检测精度高, 响应速度快的特点。

Grating ruler (standard)

It can be used to detect linear displacement or angular displacement in closed-loop servo system of machine tools. The output signal is digital pulse, which has the characteristics of large detection range, high detection accuracy and fast response speed.



后挡料装置(标配)

- ◆ 精确稳固的后挡料装置, 伺服电机驱动滚珠丝杠, 具有速度快、定位精度高的特点; 双直线导轨结构, 确保定位精度; 多级挡位设计, 加大定位范围, 物超所值; 模块化设计, 控制轴数可从单轴X, 选配至多轴。

Rear blocking device (standard)

Precise and stable rear stop device, servo motor driven ball screw, with the characteristics of high speed and high positioning accuracy; double linear guide rail structure to ensure the positioning accuracy; multi level gear design, increase the positioning range, value for money; modular design, the number of control axes can be selected from single axis X, multi axis.

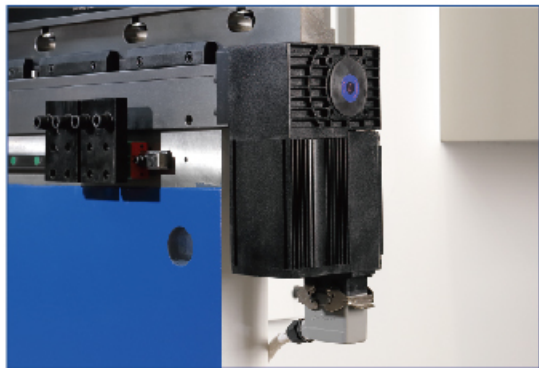


精密后挡料挡指 (标配)

- ◆ 解决了后挡料挡指调节精度不高、锁紧操作不方便等问题, 微调方式, 调节精度高, 且锁紧安装快速方便, 提高了工作效率。

Precision rear stop finger (standard)

It solves the problems of low adjustment accuracy and inconvenient locking operation of the rear stop finger. The fine adjustment mode has high adjustment accuracy, and the locking installation is fast and convenient, and the working efficiency is improved.



机械挠度补偿 (标配)

◆安装在下工作台内的多组楔块组成,可使楔块左右移动,形成凹凸的理想曲线,保证受力后与滑块的相对位置关系不变,补偿量由数控系统根据板厚模具开口及材料特性进行自动计算确定。

Mechanical deflection compensation (standard)

It is composed of multiple groups of wedges installed in the lower table, which can make the wedge move left and right to form concave convex principle think of the curve to ensure that the relative position relationship with the slider remains unchanged after the force is applied. The compensation is determined by the CNC systemThe opening and material characteristics of the die are calculated automatically.



集中自动润滑系统 (标配)

◆定时自动加油,使整机时刻保持最佳状态。

Centralized automatic lubrication (standard)

◆Precise Automatic oil filling at fixed time to keep the whole machine in the best condition at all times.



折弯机械手 (选配)

◆及其灵活的折弯单元,在机械手臂的帮助下,可以采用自动的方式操作,或者由操作者直接手动进行操作。良好的人机界面,操作简易,轻松折弯。

Bending manipulator (optional)

◆With the help of the manipulator, the flexible bending unit can be operated automatically, Or the operator can operate it manually. Good man-machine interface, easy operation and easy bending.

技术参数表 / Technical parameter list

序 号 Serial number	名 称 Name		单 位 Company	参数值 Parameter value
1	公称压力 Nominal pressure		KN	400
2	折弯长度 Bending Length		mm	1500
3	立柱间距 Column spacing		mm	1100
4	滑块行程 Slide stroke		mm	150
5	最大开启高度 Maximum opening height		mm	430
6	喉口深度 throat depth		mm	320
7	工作台高度 Table height		mm	800
8	滑块运行 最大速度 Maximum speed of sliding block	驱进 Drive in	mm /s	200
9		压制 suppress	mm /s	0.2-50
10		回程 return trip	mm /s	200
11	主电机功率 Main motor power		KW	15
12	外形尺寸 (L×W×H) Overall dimension (L × w × h)		mm	1900*1500*2300
13	机器重量 Machine weight		KG	3500

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2-YDP-ESS 电液双机联动数控折弯机

ELECTRO HYDRAULIC DOUBLE MACHINE LINKAGE CNC BENDING MACHINE

◆ 该机床采用比利时最新技术设计制造，确保了机器的强度、刚性及安全性。机床外形简洁美观，做工精致，机械加工、零部件的装配等全是精工细作。机器采用整体优质钢板焊接结构，机架厚重、刚性强，机器表面喷涂进口防锈底漆和面漆让机器持久如新。

◆ The machine is designed and manufactured with the latest technology of Belgium, which ensures the strength, rigidity and safety of the machine. Machine tool shape is simple and beautiful, exquisite workmanship, mechanical processing, parts assembly and so on are all meticulous. The machine adopts the whole high quality steel plate welding structure, and the frame is thickHeavy and rigid, the machine surface is sprayed with imported antirust primer and topcoat to make the machine last as new.



快夹装置 (标配)

◆ 高精度一键式快速夹紧满足了工件夹紧，精度定位的要求，也为换模提供便利。

Quick clamping device (standard)

High precision one key quick clamping meets the requirements of workpiece clamping and precision positioning, and also provides convenience for die change.



后挡料装置(标配)

◆ 精确稳固的后挡料装置，伺服电机驱动滚珠丝杠，具有速度快、定位精度高的特点；双直线导轨结构，确保定位精度；多级挡位设计，加大定位范围，物超所值；模块化设计，控制轴数可从单轴X，选配至多轴。

Rear blocking device (standard)

◆ Precise and stable rear stop device, servo motor driven ball screw, with the characteristics of high speed and high positioning accuracy; double linear guide rail structure to ensure the positioning accuracy; multi level gear design, increase the positioning range, value for money; modular design, the number of control axes can be selected from single axis X, multi axis.



机械挠度补偿 (标配)

◆ 安装在下工作台内的多组楔块组成，可使楔块左右移动，形成凹凸的理想曲线，保证受力后与滑块的相对位置关系不变，补偿量由数控系统根据板厚模具开口及材料特性进行自动计算确定。

Mechanical deflection compensation (standard)

◆ It is composed of several groups of wedges installed in the lower table, which can make the wedge move left and right to form an ideal concave convex curve, and ensure that the relative position relationship with the sliding block remains unchanged after being stressed. The compensation amount is automatically calculated and determined by the numerical control system according to the plate thickness, die opening and material characteristics.



瑞士CYBELECS CT12 数控系统 (选配)

- ◆ 页面简洁，显示清晰，大按键易于触摸操作；
- ◆ 折弯数据自动计算，折弯程序保存；
- ◆ 自动计算折弯角度、主压力和挠度补偿；
- ◆ 标配4轴（Y1-Y2-X-R），2D图形编程。

Cybelecs ct12 CNC system (optional)

- ◆ The page is simple, the display is clear, and the large key is easy to touch and operate;
- ◆ Automatic calculation of bending data and saving of bending program;
- ◆ Automatic calculation of bending angle, main pressure and deflection compensation;
- ◆ Standard 4-axis (y1-y2-x-r), 2D graphic programming.



WC67Y 简易数控折弯机

SIMPLE CNC BENDING MACHINE

- ◆ 采用全钢焊接结构，具有足够的强度和刚性；
- ◆ 液压上传动，平稳可靠；
- ◆ 机械挡块，扭轴同步，精度高；
- ◆ 后挡料距离上滑块行程可电动调节，数显；
- ◆ 上模配有挠度补偿机构，以保证获得较高的折弯精度。
- ◆ It adopts steel welded structure, with sufficient strength and rigidity;
- ◆ Hydrostatic transmission, stable and reliable;
- ◆ The mechanical block, synchronous torque, high precision;
- ◆ The backgauge distance slider stroke, electrically adjustable, digital display;
- ◆ The upper die is equipped with deflection compensation mechanism, to ensure the high precision of bending.



模夹装置 (标配)

- ◆ 高精度夹紧满足了工件夹紧，精度定位的要求，也为换模提供便利。

Clamping device (standard)

- ◆ High precision clamping meets the requirements of workpiece clamping and precision positioning, and also provides convenience for die change.

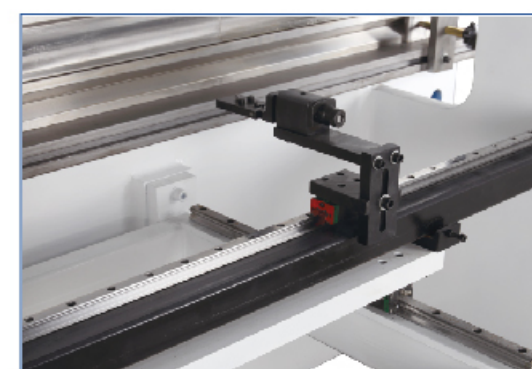


后挡料装置(标配)

- ◆ 精确稳固的后挡料装置，伺服电机驱动滚珠丝杠，具有速度快、定位精度高的特点；双直线导轨结构，确保定位精度；多级挡位设计，加大定位范围，物超所值；模块化设计，控制轴数可从单轴X，选配至多轴。

Rear blocking device (standard)

- ◆ Precise and stable rear stop device, servo motor driven ball screw, with the characteristics of high speed and high positioning accuracy; double linear guide rail structure to ensure the positioning accuracy; multi level gear design, increase the positioning range, value for money; modular design, the number of control axes can be selected from single axis X, multi axis.



精密后挡料挡指 (标配)

- ◆ 解决了后挡料挡指调节精度不高、锁紧操作不方便等问题，微调方式，调节精度高，且锁紧安装快速方便，提高了工作效率。

Precision rear stop finger (standard)

- ◆ It solves the problems of low adjustment accuracy and inconvenient locking operation of the rear stop finger. The fine adjustment mode has high adjustment accuracy, and the locking installation is fast and convenient, and the working efficiency is improved.



数控系统 (标配)

- ◆ 后挡料和油缸滑块电机智能定位控制；
- ◆ 自动退位送料功能；
- ◆ 支持单边定位，软件消除丝杆间隙误差；
- ◆ 一键自动调试电机机械参数；
- ◆ 支持普通电机、变频器及伺服电机。

Numerical Control System (standard)

- ◆ The rear stopper and cylinder block of intelligent motor positioning control;
- ◆ The automatic feed function to abdicate;
- ◆ Support software to eliminate unilateral positioning, screw clearance error;
- ◆ Automatic debugging of motor mechanical parameters - a key;
- ◆ Support common motor, inverter and servo motor.

2-YDP-ESS 电液双机联动数控折弯机 技术参数表 / Technical parameter list

机床型号 Machine tool model	公称压力 Nominal Pressure KN	工作台长度 Length of working table mm	工作台宽度 Width of working table mm	立柱间距 Distance between uprights mm	喉口深度 Throat deptht mm	滑块行程 Ram stroke mm	最大开启高度 Throat deptht mm	滑块行程调节量 Stroke adjustment mm	油缸缸径 cylinder diameter mm	主电机功率 Motor power KW	外形尺寸 (LxWxH) mm
2-160T/6000	2-1600	2-6000	200	4800	400	200	450	180	Φ 220	2-11	(2*6100) x 2000*3200
2-200T/6000	2-2000	2-6000	220	4800	400	250	500	180	Φ 240	2-12	(2*6100) x 2150*3350
2-300T/6000	2-3000	2-6000	280	4600	400	250	520	200	Φ 300	2-18.5	(2*6100) x 2300*3800
2-400T/6000	2-4000	2-6000	320	4600	400	250	540	200	Φ 350	2-30	(2*6200) x 2700*4100
2-500T/6000	2-5000	2-6000	360	4800	400	300	620	200	Φ 380	2-37	(2*6200) x 2900*4300
2-600T/6000	2-6000	2-6000	400	4800	400	300	620	200	Φ 420	2-45	(2*6200) x 3100*4900
2-600T/8000	2-6000	2-8000	400	6200	400	300	620	250	Φ 420	2-45	(2*8400) x 3300*5600
2-800T/6000	2-8000	2-6000	500	4800	400	350	680	250	Φ 460	2-55	(2*6400) x 3600*5400
2-800T/8000	2-8000	2-8000	500	6200	400	350	680	250	Φ 460	2-55	(2*8400) x 3600*5600

备注：由于产品不断改进，如出现样本技术数据与产品实际数据有不一致时，应遵照双方的技术参数协议。不再另行通知

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折弯压力表 / Bending Pressure Gauge

v	4	6	8	10	12	14	16	18	20	24	28	32	36	40	45	55	60	65	70	80	90	100	120	
b	2.8	4	5.5	7	8.5	10	11	12.5	14	17	20	22	25	28	31	38	42	46	49	56	63	70	85	
R	0.7	1	1.3	1.6	2	2.3	2.6	3	3.3	3.8	4.5	5	6	6.5	7	9	10	11	12	13	14	16	19	
S	0.5	40	30																					
	0.6	60	40	30	30																			
	0.8		70	50	40	30																		
	1		110	80	70	60																		
	1.2			120	100	80	70	60																
	1.5				150	120	110	90	80															
	2					220	90	170	150	130	110													
	2.5						250	220	200	170	150	130												
	3							330	290	250	210	180	160											
	3.5								400	330	290	250	220	200	180									
	4									440	370	330	290	260	230									
	4.5										470	410	370	330	300	240								
	5											510	450	400	360	300	270	250						
6															520	430	390	360	340	300				
8																	700	640	600	520	460	420		
10																				810	720	650		
12																						950	780	
14																							1300	1100

This Chart is calculated according to the plate of tensile strength $\sigma_s=450N/mm^2$ and length $L=1m$.the force can be got according to the proportion while different kind of plate and length to be bent.

本表数值是以材料强度 $\sigma_s=450N/mm^2$ 及长度 $L=1m$ 计算而得，不同强度的材料及长度所需的折弯力可按相应的比例计算而得。

WC67Y 简易数控折弯机 技术参数表 / Technical parameter list

机床型号 Machine tool model	公称压力 Nominal Pressure KN	工作台长度 Length of working table mm	立柱间距 Distance between uprights mm	喉口深度 Throat deptht mm	滑块行程 Ram stroke mm	最大开启高度 Throat deptht mm	主电机功率 Motor power KW	重量约 weight Kg	外形尺寸 (LxWxH) mm
40T/2500	400	2500	2000	280	100	320	5.5	3000	2500×1200×1910
63T/2500	630	2500	2000	300	100	320	5.5	4000	2500×1400×2210
63T/3200	630	3200	2500	300	100	320	5.5	4800	3200×1400×2210
80T/2500	800	2500	2000	320	100	320	7.5	5700	2500×1500×2300
80T/3200	800	3200	2500	320	100	350	7.5	6020	3200×1500×2300
80T/4000	800	4000	3200	320	100	350	7.5	7000	4000×1500×2400
100T/2500	1000	2500	2000	320	120	370	11	6000	2500×1600×2400
100T/3200	1000	3200	2500	320	120	370	11	6500	3200×1600×2400
100T/4000	1000	4000	3200	320	120	370	11	7500	4000×1600×2450
100T/5000	1000	5000	4300	350	140	370	11	8600	5200x1650x2630
100T/6000	1000	6000	5400	350	140	370	11	9800	6200x1650x2630
125T/3200	1250	3200	2500	320	120	370	11	6800	3200×1600×2450
125T/4000	1250	4000	3200	320	120	370	11	8200	4000×1600×2450
160T/3200	1600	3200	2600	320	200	460	11	9000	3200×1700×2700
160T/4000	1600	4000	3200	320	200	460	11	10500	4000×1700×2700
160T/5000	1600	5000	4000	320	200	460	11	16500	5000×1700×2700
160T/6000	1600	6000	5000	320	200	460	11	19000	6600×1700×2700
200T/3200	2000	3200	2500	320	200	460	18.5	12500	3200×1950×2800
200T/4000	2000	4000	3000	320	200	460	18.5	13000	4000×1950×2800
200T/5000	2000	5000	4000	320	200	460	18.5	16500	5000×1950×3000
200T/6000	2000	6000	5000	320	200	460	18.5	20000	6000×1950×3300
250T/3200	2500	3200	2500	400	250	590	18.5	20000	3250×2000×3200
250T/4000	2500	4000	3000	400	250	590	18.5	23000	4000×2000×3400
250T/5000	2500	5000	4000	400	250	590	18.5	26000	5000×2000×3400
250T/6000	2500	6000	5000	400	250	590	18.5	28000	6000×2000×3400
300T/4000	3000	4000	3000	400	250	590	22	24000	4000×2000×3450
300T/5000	3000	5000	4000	400	250	590	22	28000	5000×2000×3450
300T/6000	3000	6000	5000	400	250	590	22	35000	6000×2000×3450
400T/4000	4000	4000	3000	400	250	590	30	26000	4000×2180×3400
400T/5000	4000	5000	4000	400	250	590	30	32500	5000×2180×3500
400T/6000	4000	6000	5000	400	250	590	30	37000	6000×2180×3800
500T/5000	5000	5000	4000	400	300	590	45	48000	5050×3500×3700
500T/6000	5000	6000	5000	400	300	590	45	57000	6050×3500×3700
600T/4000	6000	4000	3000	400	320	590	55	45000	4050×4500×3700
600T/6000	6000	6000	5000	400	320	590	55	70000	6050×4500×3700
800T/6000	8000	6000	5000	400	320	590	55	85000	6300×4500×6000

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QC12Y(K) 数控液压摆式剪板机

SIMPLE CNC BENDING MACHINE

- ◆ 采用全钢焊接结构，有足够的强度和刚性；
 - ◆ 多工步编程，后挡料自动运行、连续定位，实现自动精确调节；
 - ◆ 剪切计数功能，断电记忆后挡料的位置、程序及参数；
 - ◆ 后挡料采用进口滚珠丝杆，确保其定位精准；
 - ◆ 设有灯光对线装置，便于划线剪切。
- ◆ It adopts steel welded structure, with sufficient strength and rigidity;
 - ◆ The multi step programming, automatic operation of back gauge, continuous positioning, to achieve accurate automatic adjustment;
 - ◆ The shear counting function, position, procedure and parameters of power and memory of back gauge;
 - ◆ The rear stopper adopts imported ball screw, ensure its precise positioning;
 - ◆ The lighting device on the line, ease of shear line.

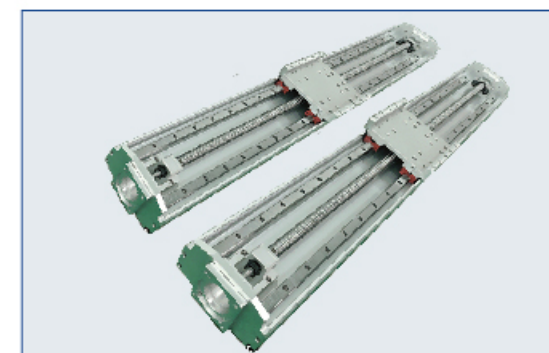


后挡料装置(标配)

- ◆ 精确稳固的后挡料装置，电机驱动滚珠丝杠，具有速度快、定位精度高的特点；双直线导轨结构，确保定位精度；多级挡位设计，加大定位范围，物超所值；模块化设计，控制轴数可从单轴X，选配至多轴。

Rear blocking device (standard)

- ◆ Precise and stable rear stop device, servo motor driven ball screw, with the characteristics of high speed and high positioning accuracy; double linear guide rail structure to ensure the positioning accuracy; multi level gear design, increase the positioning range, value for money; modular design, the number of control axes can be selected from single axis X, multi axis.



滚珠丝杠直线导轨 (选配)

- ◆ 颠覆了传统的滑动摩擦，改变成了滚动摩擦，摩擦系数只有滑动摩擦的1/50左右，从而可以减少驱动扭矩，提高传动效率，保证定位精度。

Ball screw linear guide (optional)

- ◆ The traditional sliding friction is changed into rolling friction. The friction coefficient is only about 1 / 50 of that of sliding friction, which can reduce the driving torque, improve the transmission efficiency and ensure the positioning accuracy.



后气动托料 (选配)

- ◆ 能轻松达到其剪切前托住板料，辅助定位，剪后滑出板料的功能，能达到托料、卸料的效果。

Rear pneumatic support (optional)

- ◆ It can easily achieve the functions of holding the sheet metal before cutting, assisting positioning, and sliding out the sheet material after cutting, and can achieve the effect of supporting and discharging.

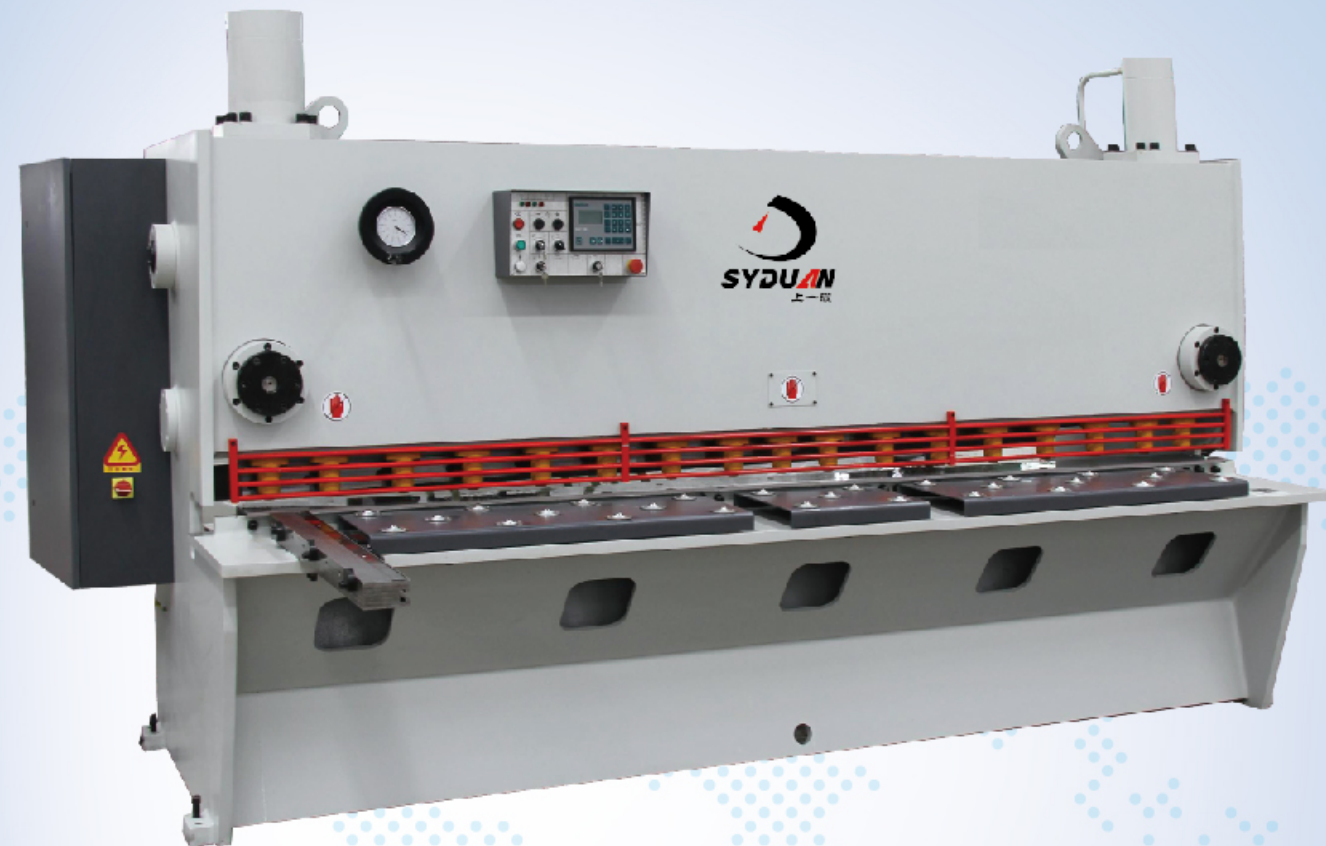


A60数控系统 (标配)

- ◆ 2.8寸工业单色显示器，简洁的人机界面；
- ◆ 支持中/英语言选择；
- ◆ 支持公/英制长度单位自动转换；
- ◆ 单步/多步加工模式，多部编程支持99工步；
- ◆ 参数备份与还原功能；

A60 Numerical Control System (standard)

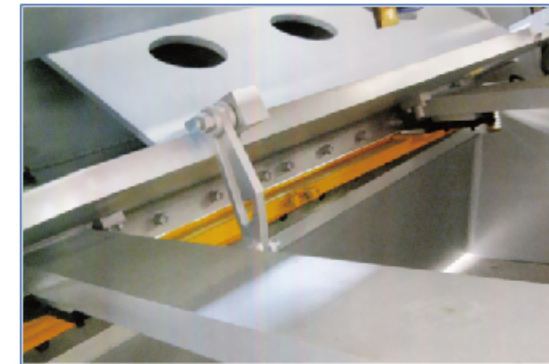
- ◆ The 2.8 inch industrial monochrome display, simple man-machine interface;
- ◆ Support / English language selection;
- ◆ Support public / British unit of length automatic conversion;
- ◆ The single / multi step processing mode, more than 99 step programming support;
- ◆ The parameters of backup and restore functionality;



QC11Y(K) 数控液压闸式剪板机

CNC HYDRAULIC BRAKE TYPE PLATE SHEARS

- ◆采用钢板焊接结构，机身有限元分析设计、振动时效消除内应力，使得机身稳定可靠；
- ◆采用三点支撑滚动导轮，消除支撑间隙，提高剪切精度；
- ◆采用液压集成阀块，结构紧凑，减少管路连接，提高了系统的可靠性与易维修性；
- ◆蓄能器回程平稳，迅速；
- ◆刀片间隙手轮调整，准确，迅速；
- ◆剪切角可调，减少板料扭曲变形；
- ◆The steel plate welded structure, the finite element analysis, the design of vibration aging to eliminate internal stress, makes the body stable and reliable;
- ◆We use the three point support rolling guide, eliminate the support gap, improve the cutting precision;
- ◆It adopts hydraulic integrated valve block, the structure is compact, reduces the pipeline connection, improve the system reliability and maintainability;
- ◆The return smoothly, quickly;
- ◆The blade gap handwheel adjustment, accurate, rapid;
- ◆The adjustable shearing angle, reduce the distortion of plate material;

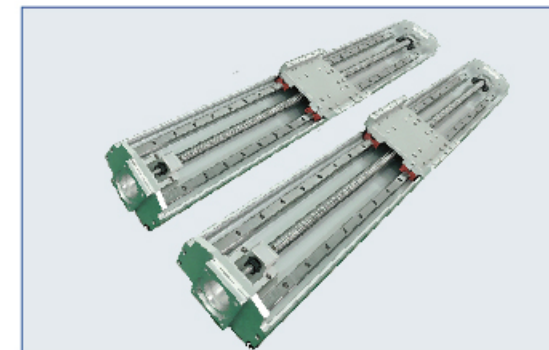


后挡料装置(标配)

- ◆精确稳固的后挡料装置，电机驱动滚珠丝杠，具有速度快、定位精度高的特点；双直线导轨结构，确保定位精度；多级挡位设计，加大定位范围，物超所值；模块化设计，控制轴数可从单轴X，选配至多轴。

Rear blocking device (standard)

- ◆Precise and stable rear stop device, servo motor driven ball screw, with the characteristics of high speed and high positioning accuracy; double linear guide rail structure to ensure the positioning accuracy; multi level gear design, increase the positioning range, value for money; modular design, the number of control axes can be selected from single axis X, multi axis.



滚珠丝杠直线导轨 (选配)

- ◆颠覆了传统的滑动摩擦，改变成了滚动摩擦，摩擦系数只有滑动摩擦的1/50左右，从而可以减少驱动扭矩，提高传动效率，保证定位精度。

Ball screw linear guide (optional)

- ◆The traditional sliding friction is changed into rolling friction. The friction coefficient is only about 1 / 50 of that of sliding friction, which can reduce the driving torque, improve the transmission efficiency and ensure the positioning accuracy.



后气动托料 (选配)

- ◆能轻松达到其剪切前托住板料，辅助定位，剪后滑出板料的功能，能达到托料、卸料的效果。

Rear pneumatic support (optional)

- ◆It can easily achieve the functions of holding the sheet metal before cutting, assisting positioning, and sliding out the sheet material after cutting, and can achieve the effect of supporting and discharging.

南京 ESTUN E21S 数控系统 (选配)

- ◆智能定位、退让逃料功能；
- ◆单双向定位功能，有效消除丝杠间隙；
- ◆自动搜索参考点功能；
- ◆参数一键备份与恢复功能；
- ◆快速位置示教功能；
- ◆40个多步程序存储空间，每个程序有25个工步；
- ◆断电保护功能。

Rear pneumatic support (optional)

- ◆Intelligent positioning, yielding and escaping function;
- ◆Single and two-way positioning function can effectively eliminate the lead screw gap;
- ◆Automatic search of reference point function;
- ◆One key backup and recovery function of parameters;
- ◆Quick position teaching function;
- ◆There are 40 multi-step program storage space, each program has 25 work steps;
- ◆Power off protection function.



QC12Y(K) 数控液压摆式剪板机 技术参数表 / Technical parameter list

Model 型号	Shera Size 可剪板厚 (mm)	Shear width 可剪板宽 (mm)	Shearing angle 剪切角 (°)	Material strength 材料强度 (N/m)	Back Gange Range 后挡料距离 (mm)	Strokes 行程次数 (次/分)	Main Motor 主电机功率 (kw)	Weighe 重量 (Kg)	Qverall Dimenesions 外形尺寸 (LxWxH) (mm)
4×2500	4	2500	1°30'	≤450	20-600	16	5.5	3600	3040×1610×1620
4×3200	4	3200	1°30'	≤450	20-600	13	5.5	4600	3840×1650×1680
4×4000	4	4000	1°30'	≤450	20-600	10	5.5	6200	4600×1650×1680
4×6000	4	6000	1°30'	≤450	20-600	5	7.5	14000	6460×2100×3200
6×2500	6	2500	1°30'	≤450	20-600	15	7.5	5000	3040×1650×1700
6×3200	6	3200	1°30'	≤450	20-600	12	7.5	6000	3840×1650×1700
6×4000	6	4000	1°30'	≤450	20-600	9	7.5	7000	4620×1650×1700
6×6000	6	6000	1°30'	≤450	20-600	5	18.5	18500	6480×2100×2300
8×2500	8	2500	1°45'	≤450	20-600	14	11	5600	3040×1700×1700
8×3200	8	3200	1°45'	≤450	20-600	8	11	6200	3860×1700×1700
8×4000	8	4000	1°45'	≤450	20-600	8	11	7200	4640×1700×1700
8×6000	8	6000	1°45'	≤450	20-600	8	18.5	20000	6480×2100×2350
10×2500	10	2500	2°	≤450	20-600	10	11	7300	3040×1700×1700
10×3200	10	3200	2°	≤450	20-600	10	11	8000	3860×1700×1700
10×4000	10	4000	2°	≤450	20-600	10	15	12050	4650×2100×2000
10×6000	10	6000	2°	≤450	20-600	10	15	24000	6500×2100×2300
12×2500	12	2500	2°	≤450	20-600	12	18.5	9000	3140×2150×2000
12×3200	12	3200	2°	≤450	20-600	10	18.5	10800	3880×2150×2000
12×4000	12	4000	2°	≤450	20-600	10	18.5	14500	4680×2150×2000
16×2500	16	2500	2°30'	≤450	20-600	10	18.5	12000	3140×2150×2000
16×3200	16	3200	2°30'	≤450	20-600	10	18.5	13500	3880×2150×2000
16×4000	16	4000	2°30'	≤450	20-800	10	18.5	16000	4650×2150×2200
20×2500	20	2500	3°	≤450	20-1000	8	30	18000	3440×2300×2500
20×3200	20	3200	3°	≤450	20-1000	8	30	23000	4150×2350×2700
25×2500	25	2500	3°	≤450	20-1000	8	30	25000	3200×2700×2900
25×3200	25	3200	3°	≤450	20-1000	5	37	26000	4200×2500×2600
30×2500	30	2500	3°	≤450	20-1000	4	40	28000	3300×2900×3000
30×3200	30	3200	3°30'	≤450	20-1000	4	40	34000	4200×2500×2600
40×2500	40	2500	4°	≤450	20-1000	3	75	46000	3200×3300×3200
40×3200	40	3200	4°	≤450	20-1000	3	90	58000	4300×3300×3000

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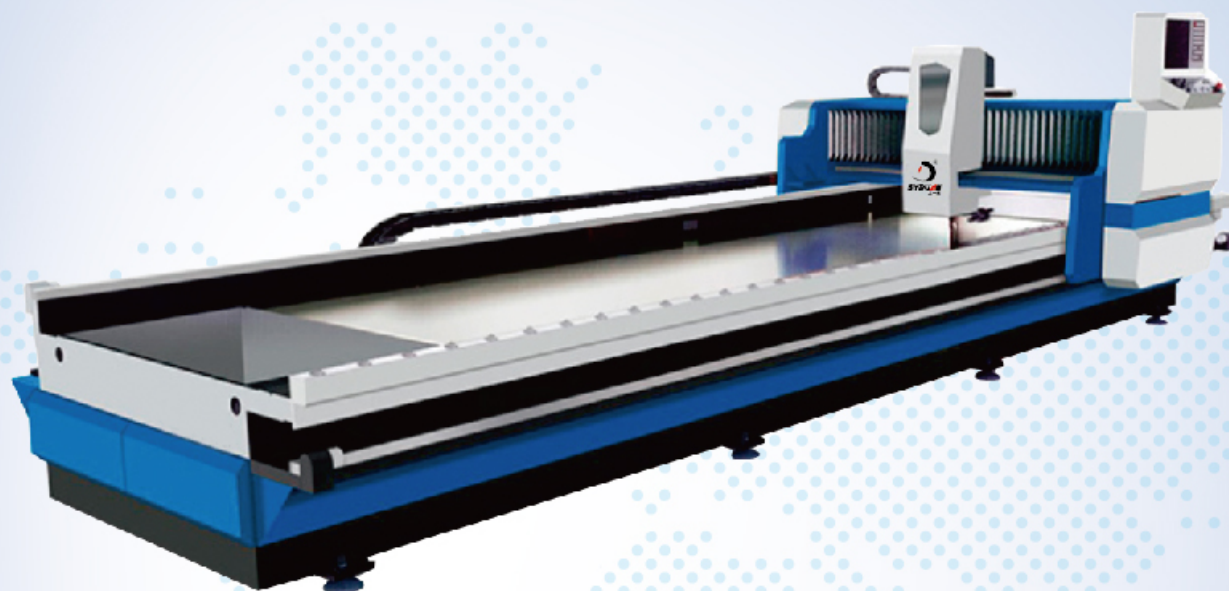
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QC11Y(K) 数控液压闸式剪板机 技术参数表 / Technical parameter list

型号 Type	可剪最大 板厚(mm) Max.cutting thickness	可剪最大 板宽(mm) Max.cutting width	被剪板料 强度(N/mm²) Anti-strength of plate	剪切角 (°) Shearing angle	后挡料最大 距离 (mm) Backgauge range	行程次数 (min-1) Stroke times	喉口深度 (mm) Throat depth	刀片长度 (mm) Blade length	主电动机 (kw) Main motor	油泵 Oil pump	外形尺寸 (mm) Dimension (LXWXH)
4x2500	4	2500	450	0.5-1.5	550	18-30	130	2600	5.5	10MCY14-1B	2900x1500x1700
4x3200	4	3200	450	0.5-1.5	550	15-26	130	3300	5.5	10MCY14-1B	3600x1500x1800
4x4000	4	4000	450	0.5-1.5	550	11-20	130	4100	5.5	25MCY14-1B	4400x1500x2000
4x6000	4	6000	450	0.5-1.5	750	6-12	100	6100	7.5	25MCY14-1B	6500x2200x2600
6x2500	6	2500	450	0.5-1.5	550	16-26	130	2600	7.5	25MCY14-1B	2900x1500x1800
6x3200	6	3200	450	0.5-1.5	550	13-20	130	3300	7.5	25MCY14-1B	3600x1500x2000
6x4000	6	4000	450	0.5-1.5	550	8-15	10	4100	7.5	25MCY14-1B	4400x1650x2200
6x6000	6	6000	450	0.5-2	750	5-10	100	6100	11	25MCY14-1B	6900x2200x2700
8x2500	8	2500	450	0.5-2	550	14-24	130	2600	7.5	25MCY14-1B	3000x1500x1800
8x3200	8	3200	450	0.5-2	550	12-21	130	3300	7.5	25MCY14-1B	3700x1600x2000
8x4000	8	4000	450	0.5-2	550	8-14	130	4100	11	25MCY14-1B	4600x1800x2200
8x6000	8	6000	450	0.5-2	750	5-10	100	6100	11	25MCY14-1B	7000x2200x2700
8x8000	8	8000	450	0.5-2	1000	5-8	100	8080	18.5	40MCY14-1B	9100x2300x3200
10x2500	10	2500	450	0.5-2	550	12-24	130	2600	11	25MCY14-1B	3000x1800x2000
10x3200	10	3200	450	0.5-2	550	10-18	130	3300	11	25MCY14-1B	3700x1800x2000
10x4000	10	4000	450	0.5-2	750	7-12	130	4100	18.5	40MCY14-1B	4600x2000x2100
10x6000	10	6000	450	0.5-2	1000	5-10	100	6100	18.5	40MCY14-1B	6900x2200x2700
10x8000	10	8000	450	0.5-2	1000	4-8	100	8080	22	63MCY14-1B	9100x2400x3200
12x2500	12	2500	450	0.5-2.5	750	10-18	130	2600	18.5	40MCY14-1B	3100x1800x2100
12x3200	12	3200	450	0.5-2.5	750	9-18	130	3300	18.5	40MCY14-1B	3900x2000x2200
12x4000	12	4000	450	0.5-2.5	750	7-12	130	4100	18.5	63MCY14-1B	4600x2200x2400
12x6000	12	6000	450	0.5-2.5	1000	5-10	100	6100	22	63MCY14-1B	6900x2500x2700
12x8000	12	8000	450	0.5-2.5	1000	4-9	100	8080	37	63MCY14-1B	9300x2900x3500
16x2500	16	2500	450	0.5-2.5	750	9-16	100	2600	18.5	40MCY14-1B	3000x1900x2300
16x3200	16	3200	450	0.5-2.5	750	8-13	100	3300	18.5	40MCY14-1B	4100x2000x2400
16x4000	16	4000	450	0.5-2.5	750	9-12	100	4100	22	63MCY14-1B	5000x2200x2600
16x6000	16	6000	450	0.5-2.5	1000	5-10	100	6100	37	63MCY14-1B	7100x2600x2850
16x8000	16	8000	450	0.5-2.5	1000	4-9	100	8080	37	63MCY14-1B	9100x3000x3500
20x2500	20	2500	450	0.5-2.5	750	8-16	130	2600	22	63MCY14-1B	3100x2000x2300
20x3200	20	3200	450	0.5-2.5	900	5-14	130	3300	22	63MCY14-1B	4100x2150x2500
20x4000	20	4000	450	0.5-3	900	5-12	100	4100	30	63MCY14-1B	5050x2300x3000
20x6000	20	6000	450	0.5-3	1000	4-8	100	6100	37	80MCY14-1B	7100x2600x3100
25x2500	25	2500	450	0.5-3	900	6-14	100	2600	37	80MCY14-1B	3200x2200x2500
25x3200	25	3200	450	0.5-3	900	5-11	100	3300	37	80MCY14-1B	4100x2350x2800
25x4000	25	4000	450	0.5-3.5	900	5-10	100	4100	37	80MCY14-1B	5000x2550x3050
25x6000	25	6000	450	0.5-3.5	1000	4-8	100	6100	45	160SCY14-1B	7100x2800x3300
30x2500	30	2500	450	0.5-3.5	900	5-11	100	2600	45	160SCY14-1B	3200x2400x2900
30x3200	30	3200	450	0.5-3.5	900	5-9	100	3300	45	160SCY14-1B	4200x2600x3200
30x4000	30	4000	450	0.5-3.5	900	4-9	100	4100	55	160SCY14-1B	5000x2800x3200
30x6000	30	6000	450	0.5-3.5	1000	4-8	100	6100	55	160SCY14-1B	7100x3000x3600

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龙门式高速数控创槽机

GANTRY TYPE HIGH SPEED CNC GROOVING MACHINE

- ◆ 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轴数显,Y1轴,Y2轴,Z轴三轴数控机床,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。

◆ The frame structure design is adopted for the base and crossbeam of the machine. The overall rigidity is good. The overall heat treatment of the machine body ensures that the machine tool will not be deformed in long-term use.

◆ The frame of the machine is fixed, the transmission beam of gear and rack moves, and the moving speed can be adjusted by frequency conversion; the cutting process is stable and efficient, and the cutting surface is smooth and smooth.

◆ The machine is X-axis digital display, Y1 axis, Y2 axis, z-axis three-axis CNC machine tool, with high positioning accuracy and large processing range.

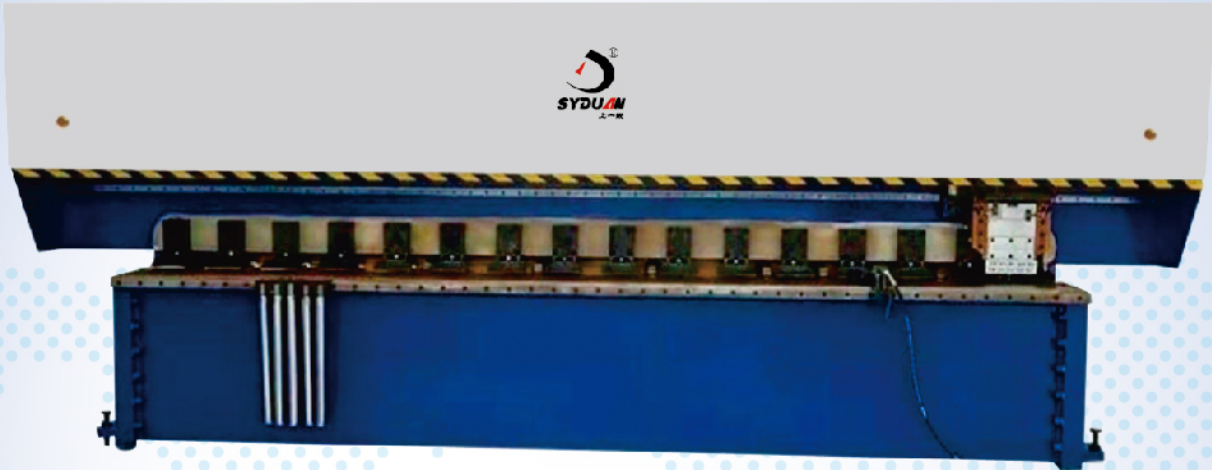
◆ The machine is equipped with edge pressing device and end pressing device respectively, and the hydraulic pressure is adopted. The pressing force is adjustable and the pressing is reliable.

◆ The V-belt drive is used in the primary drive of the motor. Because of the tension of the V-belt, the impact force during the emergency stop and return is reduced, which ensures the flexible operation of the equipment and prolongs the service life of the equipment.

技术参数表 / Technical parameter list

序号 Serial number	名称 Name	单位 Company	参数 Parameter
1	开槽板料较大宽度 The width of slotted sheet is larger	mm	1250
2	开槽板料较大长度 The slotted sheet has a longer length	mm	4000
3	开槽板料较大厚度 (不锈钢) Slotted sheet with large thickness (stainless steel)	mm	4 (板料平面度 < 3)
4	开槽板料较小厚度 The slotted sheet has a smaller thickness	mm	0.6
5	V型槽距边较小距离 The distance between V-groove and edge is small	mm	8
6	横梁前移 (X轴) 切削较大速度 The beam moves forward (x-axis) with higher cutting speed	m/min	40
7	横梁后移较大速度: The beam moves backward at a higher speed:	m/min	50
8	刀架左右移动 (Y1轴) 较大距离 The tool carrier moves to the left and right (Y1 axis) for a long distance	mm	1250
9	刀架左右移动 (Y1轴) 分辨率 Resolution of tool carrier moving left and right (Y1 axis)	mm	0.01
10	定位精度 positioning accuracy	mm	± 0.05
11	刀架上下移动 (Z轴) 分辨率 Resolution of tool carrier moving up and down (Z axis)	mm	0.01
12	定位精度 positioning accuracy	mm	± 0.05
13	横梁移动 (X轴) 电机功率 Motor (x) moving beam	KW	5.5
14	刀架左右 (Y1轴) 及端压料 (Y2轴) 移动伺服电机功率 Power of moving servo motor of tool rest left and right (Y1 axis) and end pressing (Y2 axis)	KW	1
15	刀架上下 (Z轴) 移动伺服电机功率 Power of servo motor for tool carrier up and down (Z axis)	KW	1
16	机器重量 Machine weight	T	7.5
17	机床外形尺寸 (长 × 宽 × 高) Machine tool dimensions (length × width × height)	mm	6000 × 2250 × 1560
18	台面平整度 Flatness of table top	mm	≤ 0.05

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立式数控开槽机

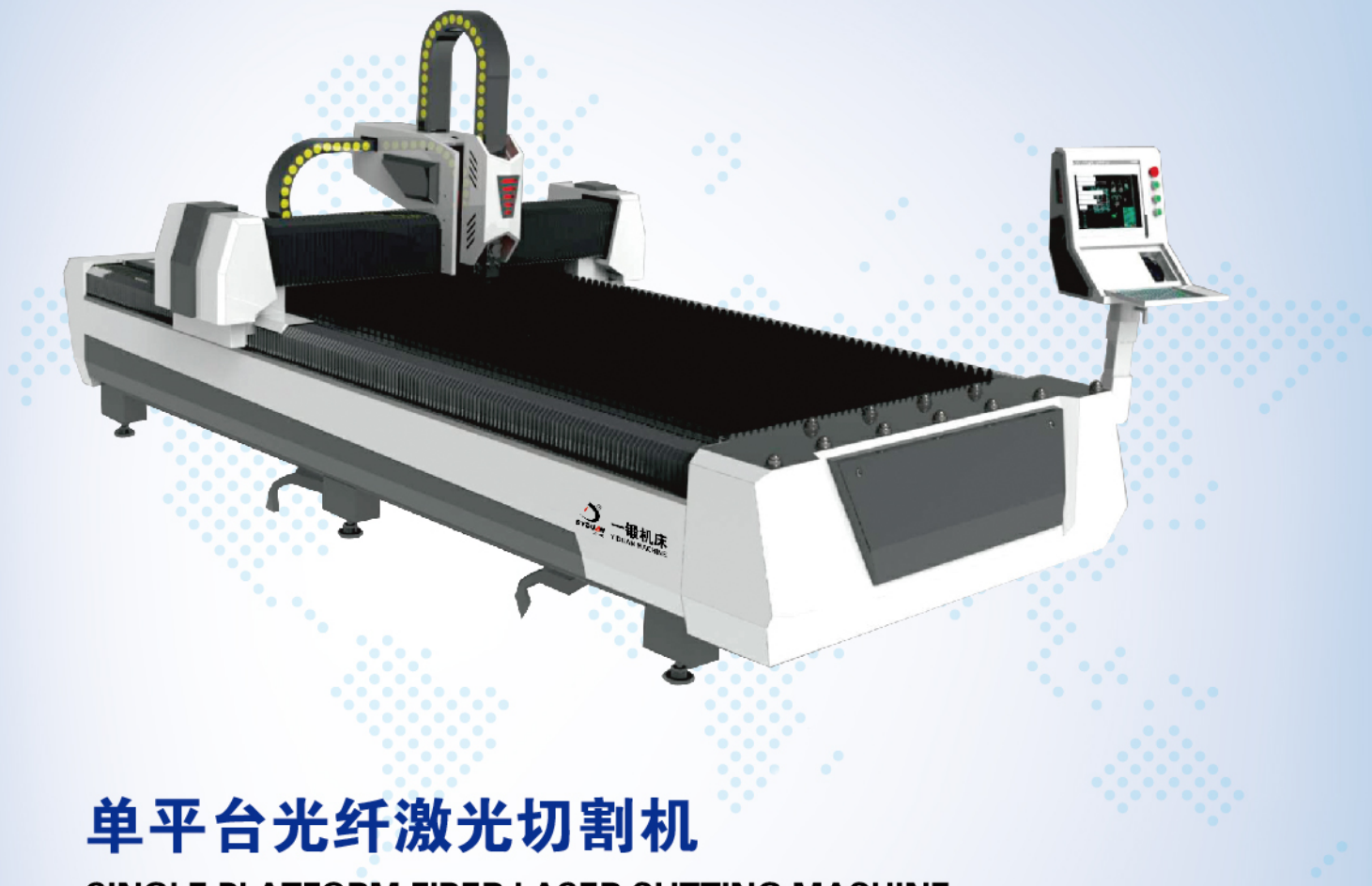
VERTICAL CNC SLOTTING MACHINE

- ◆ 本设备是传统设备的升级产品，它与传统设备相比，主要特点是重载、高速、高效。
- ◆ 本设备采用框架结构设计，高强度螺栓连接，整体刚性好，变形小。
- ◆ 本设备横梁固定不动，工件由送料机构送进工作台面可更换。保证工作台面的平面度在±0.05mm以内。
- ◆ 本设备采用碳素工具钢制工作台，淬火后硬度达到HRC55以上。所以工作台磨损很小且可以换面，延长了设备的使用寿命。
- ◆ 本设备4KW大功率高速伺服电机，刀架体同时安装4把切削刀，最大切削深度1mm，是传统设备效率的3倍。
- ◆ 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。
- ◆ This equipment is an upgrade product of traditional equipment. Compared with traditional equipment, its main features are heavy load, high speed and high efficiency.
- ◆ The equipment adopts frame structure design, high strength bolt connection, good overall rigidity and small deformation.
- ◆ The crossbeam of the equipment is fixed, and the workpiece is sent into the worktable by the feeding mechanism, which can be replaced. Ensure that the flatness of the worktable is within ± 0.05mm.
- ◆ The equipment is made of carbon tool steel, and the hardness is above HRC55 after quenching. Therefore, the wear of the worktable is very small and the surface can be changed, thus prolonging the service life of the equipment.
- ◆ The 4kw high-power high-speed servo motor of this equipment is equipped with 4 cutting tools at the same time. The maximum cutting depth is 1 mm, which is 3 times of the efficiency of the traditional equipment.
- ◆ The machined parts are fixed by hydraulic clamping system, with fast slotting speed and strong clamping. The hydraulic system is equipped with accumulator compensation and relief valve. The motor works intermittently to save energy and ensure the safety of hydraulic system.

技术参数表 / Technical parameter list

型号 Model		1250 × 4000	
加工性能 Machining Capacity	材料 Plate	材质 Material	STS304 & Q345
		长度 Length	4000mm
		宽度 Width	1250mm
		厚度 Thickness	0.6mm-4mm(板料平面度 < 3mm)
		最小边离 Minimum edge	12mm
系统配置 CNC Specifics	控制方式 Control Type		3轴CNC控制（X、Y、Z） 主电机4KW 伺服
	显示器 Display		19寸高清液晶触摸屏
	储存容量 Memory Capacity		9999组，9999道/组 （可999道循环）
	传动方式 Working System		滚珠丝杆/直线导轨/齿轮齿条
加工速度 Machining Sped	横梁（X轴）切削 Forward-Cutting		120m/min（无极调速）
	横梁（X轴）回程 Backward		120m/min
	送料（Y轴）Feeding		20m/min
	刀架（Z轴）上下 Z-Axis UP-Down		20m/min
加工精度 Machining Precision	送料（Y轴）最小分辨率Y Precision		±0.01mm
	送料（Y轴）最大距离Y Stoke		1250mm
	刀架上下（Z轴）最小分辨率 Y Precision		±0.01mm
	刀架上下（Z轴）最大距离 Z Stoke		30mm
驱动方式 Driving Mode	走刀 Take the knife		4KW 伺服电机 Yaskawa Servo Motor
	刀架上下移动（Z轴） X-Axis		1KW 伺服电机 Yaskawa Servo Motor
	送料（Y轴）Feeding		1KW 伺服电机 Yaskawa Servo Motor
夹紧装置 Clamping device	液压系统 Hydraulic		1.5Kw/8L/10Mpa
外形尺寸 Dimensions	长度 Length		5800mm
	宽度 Width		2300mm
	高度 Highth		1780mm
	重量 Weight		10800kg
工作台平面度 Table Flatness			±0.05mm/M
主电源 Main Power			380V/60Hz/3Phase

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单平台光纤激光切割机

SINGLE PLATFORM FIBER LASER CUTTING MACHINE

设备主要优势

光纤激光切割机精度高，适用于精密配件的切割和各种工艺字、画的精细切割，切割速度快，是线切割的100倍以上。热影响区域面积小，性能稳定，保证持续生产，不易变形，切缝平整、美观，无需后序处理等优点。与数控冲床相比，光纤激光切割机能完成各种复杂结构的加工，只要能在电脑上画出任何图像，该机都能完成加工。不需要开模，只在电脑上将图做出，产品马上就可以出来，即能快速开发新产品，又能节约成本，复杂的工艺要求，数控冲床难以达到，光纤激光切割机都能做到。另外，光纤激光切割机所切割的表面非常光滑，数控冲床难以达到。

Main advantages of equipment

The fiber laser cutting machine has high precision, which is suitable for cutting precision accessories and fine cutting of various craft characters and drawings. The cutting speed is 100 times higher than that of wire cutting. The heat affected area is small, the performance is stable, the continuous production is guaranteed, it is not easy to deform, the cutting seam is smooth and beautiful, and no post-processing is needed. Compared with CNC punch press, fiber laser cutting machine can complete the processing of various complex structures. As long as any image can be drawn on the computer, the machine can complete the processing. No need to open the mold, just make the drawing on the computer, and the product can come out immediately. It can not only develop new products quickly, but also save cost. It is difficult for CNC punch press to achieve complex process requirements, and fiber laser cutting machine can do it. In addition, the cutting surface of fiber laser cutting machine is very smooth, which is difficult to achieve by CNC punch.

产品特点 Product features

- 1、光束质量：聚焦光斑更小，切割线条更精细，工作效率更高，加工质量更好；
- 2、切割速度：是同等功率CO2激光切割机的2倍；
- 3、稳定性：采用高性能光纤激光器，性能稳定。
- 4、电光转换效率高,节能环保；
- 5、使用成本：整机耗电量比CO2的低,节约了生产成本
- 6、维护成本：无激光器工作气体；光纤传输，无需反射镜片；可节约大量维护成本；
- 7、产品操作维护方便：光纤传输，无需调整光路；
- 8、柔性导光效果：体积小巧，结构紧凑，易于柔性加工要求。光纤激光切割机内部技术独特设计，特别内腔，确保系统稳定运行，功率恒定持久。切割缝隙均匀一致，校光及维护保养便利。封闭式光路导光，确保镜片洁净和使用寿命。

1. Beam quality: smaller focusing spot, more fine cutting lines, higher working efficiency and better processing quality;
2. Cutting speed: 2 times of the same power CO2 laser cutting machine;
3. Stability: using high performance fiber laser, stable performance
4. High efficiency of electro-optic conversion, energy saving and environmental protection;
5. Use cost: the power consumption of the whole machine is lower than that of CO2, which saves the production cost
6. Maintenance cost: no laser working gas; optical fiber transmission, no reflective lens; can save a lot of maintenance costs;
7. Convenient operation and maintenance: optical fiber transmission, no need to adjust the optical path;
8. Flexible light guide effect: small size, compact structure, easy to flexible processing requirements. Fiber laser cutting machine internal technology unique design, special cavity, to ensure the stable operation of the system, power constant and lasting. The cutting gap is uniform and uniform, and the calibration and maintenance are convenient. Closed light path guides light to ensure the lens clean and service life.

技术参数表 / Technical parameter list

属性/型号 Property / model	G3015C	G4015C	G4020C
加工幅面 (长*宽) Processing format (length * width)	3000mm*1500mm	4000mm*1500mm	4000mm*2000mm
行程 (X轴/Y轴/Z轴) Stroke (x-axis / Y-axis / Z-axis)	1525mm/3025mm/150mm	1525mm/4025mm/150mm	2025mm/4025mm/150mm
X/Y轴定位精度 X / Y axis positioning accuracy	± 0.03mm/m	± 0.03mm/m	± 0.03mm/m
X/Y轴重复定位精度 X / Y axis repeated positioning accuracy	± 0.03mm	± 0.03mm	± 0.03mm
最大速度 Maximum speed	100m/min	100m/min	100m/min
最大加速度 Maximum acceleration	1.0G	1.0G	1.0G
总电源防护等级 Total power protection level	IP54	IP54	IP54
可配激光器功率 Matched laser power	1500W~4000W	1500W~4000W	1500W~4000W
工作台最大载重 Maximum load of worktable	800kg	1000kg	1400kg
整机重量 Total weight	3300Kg	4000Kg	5100Kg
外观尺寸 (长*宽*高) Appearance dimension (L * w * h)	4850 × 2730 × 1700mm	6015 × 2730 × 1700mm	6015 × 3300 × 1700mm

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全包围金属激光切割机

ALL AROUND METAL LASER CUTTING MACHINE

设备主要优势

采用先进的光纤激光器输出高能量密度的激光束，并聚焦在工件表面上，使工件上被超细焦点光斑照射的区域瞬间融化和气化，通过数控机械系统移动光斑照射位置而实现自动切割。设备配有自动交换工作台，提高工作效率。它是集光纤激光技术、数控技术、精密机械技术于一体的高新技术设备。光纤激光切割机采用先进技术独特设计，特别是内腔，确保系统稳定运行，功率恒定持久。切割缝隙均匀一致，校光及维护保养便利。封闭式光路导光，确保镜片洁净和使用寿命。

Main advantages of equipment

The advanced fiber laser is used to output high energy density laser beam and focus on the surface of the workpiece, so that the area irradiated by the ultra-fine focus spot on the workpiece will melt and vaporize instantaneously, and the automatic cutting can be realized by moving the spot irradiation position through the CNC mechanical system. The equipment is equipped with automatic exchange worktable to improve work efficiency. It is a set of fiber laser technology, CNC technology, precision machinery technology in one of the high-tech equipment. Fiber laser cutting machine adopts advanced technology, unique design, special cavity, to ensure the stable operation of the system, constant power and lasting. The cutting gap is uniform and uniform, and the calibration and maintenance are convenient. Closed light path guides light to ensure the lens clean and service life.

产品特点 Product features

- 光束质量：聚焦光斑更小，切割线条更精细，工作效率更高，加工质量更好
- 切割速度：是同等功率CO2激光切割机的2倍
- 使用成本：整机耗电量是传统CO2激光切割机的30%左右
- 维护成本：无激光器工作气体；光纤传输，无需反射镜片；可节约大量维护成本
- 产品操作维护方便：光纤传输，无需调整光路
- 自动交换工作台：工作台自动交换，提高工作效率
- 柔性导光效果：体积小巧，结构紧凑，易于柔性加工要求。

Beam quality: smaller focusing spot, more fine cutting lines, higher working efficiency and better processing quality
Cutting speed: 2 times of the same power CO2 laser cutting machine
Use cost: the power consumption of the whole machine is about 30% of the traditional CO2 laser cutting machine
Maintenance cost: no laser working gas; optical fiber transmission, no reflective lens; can save a lot of maintenance costs
Easy operation and maintenance: optical fiber transmission, no need to adjust the optical path
Automatic exchange worktable: worktable can be exchanged automatically to improve work efficiency
Flexible light guide effect: small size, compact structure, easy to flexible processing requirements.

技术参数表 / Technical parameter list

属性/型号 Property / model	G3015 A	G4020 A	G6020 A
加工幅面 (长*宽) Processing format (length * width)	3000mm*1500mm	4000mm*2000mm	6000mm*2000mm
行程 (X轴/Y轴/Z轴) Stroke (x-axis / Y-axis / Z-axis)	1525mm/3025mm/270mm	2025mm/4025mm/270mm	2025mm/6025mm/270mm
X/Y轴定位精度 X / Y axis positioning accuracy	± 0.03mm/m	± 0.03mm/m	± 0.03mm/m
X/Y轴重复定位精度 X / Y axis repeated positioning accuracy	± 0.03mm	± 0.03mm	± 0.03mm
最大速度 Maximum speed	140m/min	140m/min	140m/min
最大加速度 Maximum acceleration	1.2G	1.2G	1.2G
总电源防护等级 Total power protection level	IP54	IP54	IP54
可配激光器功率 Matched laser power	1500W~4000W	1500W~4000W	1500W~4000W
工作台最大载重 Maximum load of worktable	800kg	1400kg	2000kg
整机重量 Total weight	6500Kg	8300Kg	2000kg
外观尺寸 (长*宽*高) Appearance dimension (L * w * h)	8600 × 2900 × 2260mm	10800 × 3400 × 2260mm	15500 × 3400 × 2260mm

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YQ32

系列四柱液压机

SERIES FOUR COLUMN HYDRAULIC PRESS



性能特点:

- ◆计算机优化结构设计, 三梁四柱式结构, 简单、经济、实用;
- ◆液压控制采用插装阀集成系统, 动作可靠, 使用寿命长, 液压冲击小, 减少了连接管路与泄漏点;
- ◆独立的电气控制系统, 工作可靠, 动作直观, 维修方便;
- ◆采用按钮集中控制, 具有调整、手动和半自动三种操作方式;
- ◆通过操作面板选择, 可实现定程、定压二种成形工艺, 并具有保压延时等功能;

Performance Features

- ◆Computer optimized structure design, three-beam four-post structure, simple, economical and practical;
- ◆Hydraulic control cartridge valve integrated system, reliability, long life, small hydraulic impact, reducing the connecting pipe with a leak;
- ◆Independent electrical control system, reliable, intuitive operation, easy maintenance;
- ◆Use the button centralized control, with adjustment, manual and semi-automatic operation;
- ◆Via the operator panel selection process can achieve a given constant pressure two kinds of molding processes, and has a function of protection when rolling and the like;

技术参数表 / Technical parameter list

型号 Type	YQ32-63	YQ32-100	YQ32-200	YQ32-315	YQ32-400	YQ32-500	YQ32-500A	YQ32-630	YQ32-800	YQ32-1000
公称力 Nominal force(KN)	630	1000	2000	3150	4000	5000	5000	6300	8000	10000
顶出力 Ejecting force(KN)	100	250	400	630	630	1000	1000	1000	1000	1250
回程力 Backstroke force(KN)	125	320	450	600	600	1000	1000	1000	1200	1250
滑块行程 Slipper stroke(mm)	500	600	700	800	800	900	900	900	1000	1000
顶出行程 Ejecting stroke(mm)	160	200	250	300	300	355	355	355	350	350
最大开口高度 Max.opening height(mm)	800	90	1120	1250	1250	1500	1500	1500	1800	1800
滑块行程速度 Slipper stroke speed(mm/s)	空程下行 Idle stroke down	22	24	100	100	100	120	120	80	120
	工作 Work	9	10	120	12	12	12	12	10	10
	回程 Return	50	50	50	60	60	80	70	50	100
顶出行程速度 Ejecting stroke speed(mm/s)	顶出 Eject	50	80	60	60	60	80	80	65	65
	退回 Back	100	160	120	100	100	200	200	140	140
工作台尺寸 Workbench size(mm)	左右 Left and right	520	720	900	1120	1250	1400	1600	2200	2500
	前后 Front and back	490	580	900	1120	1250	1400	1600	1600	1800
立柱中心距 Poles distance(mm)	左右 Left and right	650	800	1140	1140	1500	1700	2620	2600	2900
	前后 Front and back	350	430	660	900	1000	1120	1200	1200	1350
外形尺寸 Dimension(mm)	左右 Left and right	900	2000	1380	1160	3600	3900	4700	6600	4650
	前后 Front and back	500	1090	900	1660	2300	3600	4600	2600	2650
	地面上高 Height on ground	2400	3162	2725	4295	4500	5220	6000	7200	6570
电机功率 Motor power(KW)	7.5	11	15	22	30	44	45	60	90	90

备注: 由于产品不断改进, 如出现样本技术数据与产品实际数据有不一致时, 应遵照双方的技术参数协议。不再另行通知
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YQ41

系列校正单臂液压机

SERIES OF PRESS-FIT HYDRAULIC ARM CORRECTION



性能特点:

- 1.本系列液压机可作为轴类和其它类似零部件的校正, 也可作轴、套类零部件的压装和简单板型原件的拉伸、成型及落料等工业。
- 2.本系列丫丫及采用手脚联动操纵, 操纵简单。

Performance Features

1. This series of hydraulic machines can be used as shaft and other parts of the correction similar, but also for the shaft, press-fit sleeve stretch class components and a simple plate of the original, forming and blanking industry.
2. This series Yaya linkage manipulation and the use of hands and feet, the manipulation is simple.

技术参数表 / Technical parameter list

型号 model	单位 unit	YQ41-10	YQ41-20	YQ41-40	YQ41-60	YQ41-100	YQ41-160	YQ41-200	YQ41-250	YQ41-315
公称力 Nominal force	KN	100	200	400	600	1000	1600	2000	2500	3150
系统压力 System pressure	Mpa	13	18	26	30	31.5	25	25	25	25
滑块行程 Slide stroke	mm	200	240	260	260	300	300	360	400	600
喉深 Deep throat	mm	180	200	220	240	280	300	300	300	400
开口高度 Opening height	mm	480	500	550	700	800	800	800	800	1000
滑块速度 Slide speed	空程 Air travel	mm/s	20	20	18	15	15	12	15	12
	工作 work	mm/s	7'20	7'20	6'18	5'15	5'15	4'12	5'15	4'12
	回程 return trip	mm/s	35	35	30	25	30	25	30	25
工作台尺寸 Table size	左右 about	mm	400	500	500	700	700	700	800	1000
	前后 around	mm	400	400	450	450	500	550	550	800
落料孔径 Blanking aperture	mm	80	100	130	160	200				
主电机功率 Main motor power	KW	2.2	3	3	5.5	7.5	7.5	7.5	11	15

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Y27 系列四柱双动液压机

SERIES FOUR COLUMN DOUBLE ACTING HYDRAULIC PRESS



该设备主要用于薄板拉伸、成型、调直等工序。机器的四立柱和活塞杆均表面淬火处理及研磨后再镀铬主要的液压元件、密封件及电器元件均采用国际名牌产品，可配套光电保护器（选装）。

This equipment is mainly used in the process of stretching, forming and adjusting of sheet. The main hydraulic components and sealing parts of the machine's four column and the piston rod are surface hardening treatment and after grinding. And electrical components are used for international brands, can be used with photoelectric protection (optional).

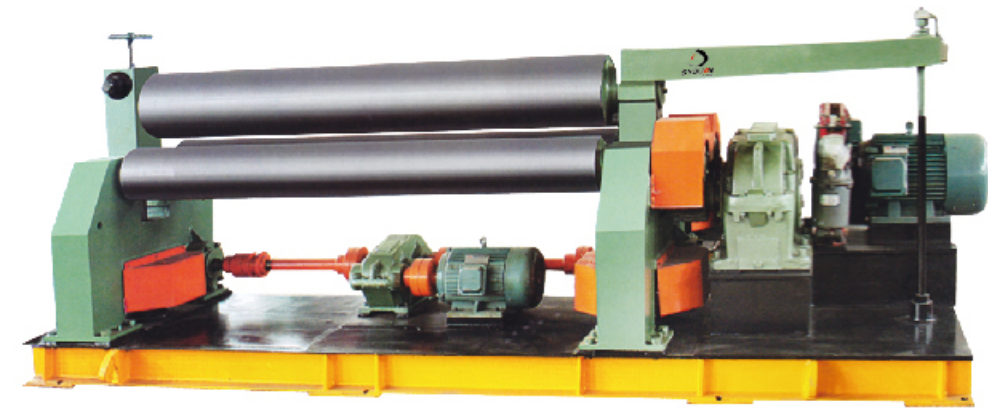
技术参数表 / Technical parameter list

名称 name	单位 unit	Y28-63/100	Y28-100/160	Y28-200/300	Y28-315/400	Y28-400/630
公称力 Nominal force	KN	1000	1600	3000	4000	6300
拉伸力 Tensile force	KN	630	1000	2000	3150	4000
压边力 Blank holder force	KN	300	600	1000	800	2300
液体最大工作压力 Maximum pressure	Mpa	28	28	28	28	28
拉伸滑块行程 Stretch slide stroke	mm	500	700	700	800	800
压边滑块行程 Blank holder stroke	mm	300	200	400	300	450
拉伸滑块开口高度 Stretching height	mm	1100	1300	1400	1400	1700
压边滑块开口高度 Blank holder height	mm	700	700	900	800	1150
拉伸滑块尺寸 Tensile dimension	左右 about	mm	560	1000	1000	1260
	前后 around	mm	500	800	900	1200
压力滑块尺寸 Blank holder size	左右 about	mm	560	1000	1000	1260
	前后 around	mm	500	800	900	1200
工作台尺寸 Table size	左右 about	mm	560	990	1000	1260
	前后 around	mm	500	900	900	1200
电机总功率 Total power of motor	kw	7.5	22	30	22	42.5
机器重量 Machine weight	kg	3500	12000	18000	19000	40000

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W11 系列液压对称上调式卷板机

SERIES HYDRAULIC SYMMETRICAL UP REGULATION TYPE BENDING MACHINE



◆ W11三辊卷板机，为机械升级及机械传动，上辊可分离取料电动升降起辊。并根据客户的要求安装各种特殊旁轮从而达到卷角铁、卷圆管等异性钢材功能；

◆ 注：25X2500以上规格采用液压倒头卸料；

◆ 特殊规格可定做：长度在1000—4000mm热选。

◆ W11 three-roll bending machine, mechanical upgrades and mechanical transmission, detachable roller reclaimer electric lift-up roller. And installation of various special next round based on customer requirements to achieve the roll angle iron, roll steel pipe and other features of the opposite sex;

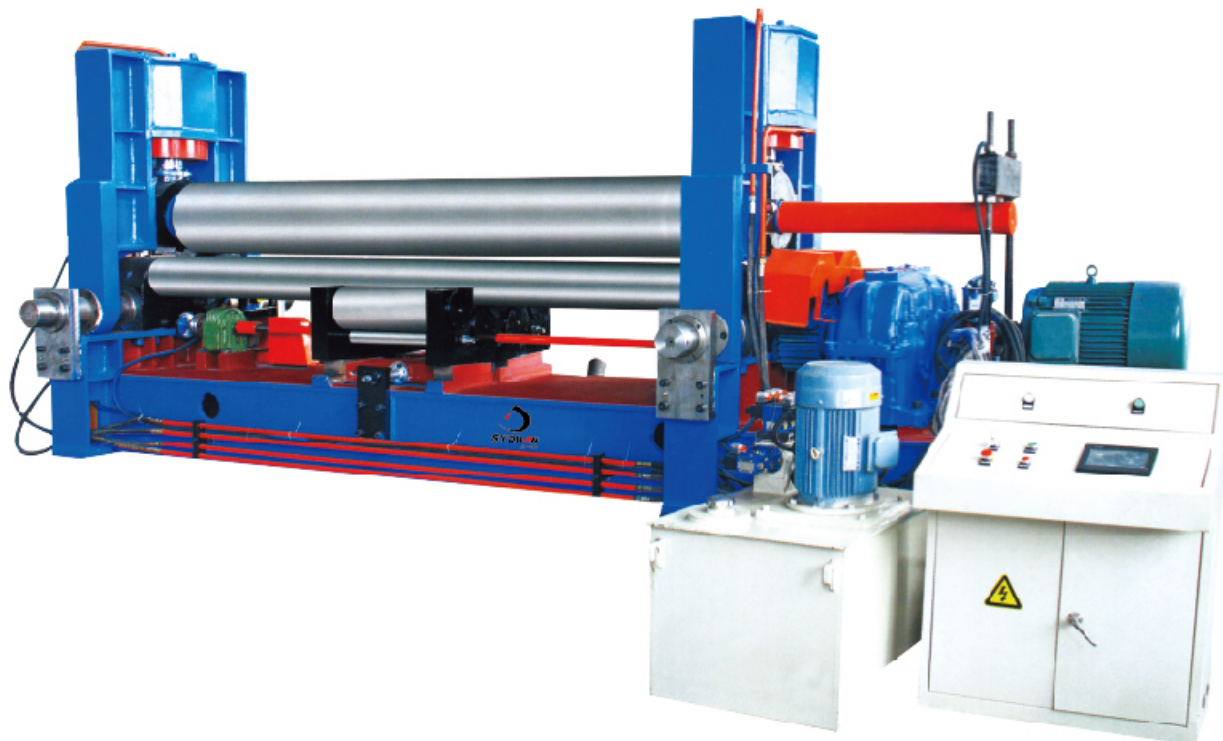
◆ NOTE: 25X2500 above specifications using hydraulic Overtum unloading;

◆ special specifications can be customized: the length 1000—4000mm hot election.

技术参数表 / Technical parameter list

规格型号 model	最大卷板厚度 Maximum thickness mm	最大卷板宽度 Maximum width mm	板材屈服极限 Yield limit mpa	板卷速度 Coil speed m/min	满卷量小直径 Small diameter mm	上辊直径 Upper roll diameter mm	下辊直径 Lower roller diameter mm	两下辊中心距 Center distance mm	主电机功率 Main motor power kw	外形尺寸 (L*W*H) mm
W11-4x1500	4	1500	245	6.5	300	150	140	185	4	3110x950x1030
W11-6x1500	6	1500	245	5.5	380	170	150	210	5.5	3310x1050x1330
W11-6x2000	6	2000	245	5.5	380	180	160	220	5.5	3810x1050x1330
W11-6x2500	6	2500	245	5.7	500	190	170	260	7.5	4310x1050x1330
W11-6x3200	6	3200	245	5.5	500	240	200	310	11	5250x1350x1610
W11-8x2000	8	2000	245	5.6	450	190	170	260	7.5	3810x1050x1330
W11-8x2500	8	2500	245	5.5	500	240	200	310	11	4500x1350x1610
W11-12x2000	12	2000	245	5.5	500	240	200	310	11	4050x1350x1610
W11-12x2500	12	2500	245	5.8	650	260	220	340	11	4550x1350x1610
W11-12x3000	12	3000	245	6	750	280	220	360	15	5550x1400x1700
W11-16x2000	16	2000	245	5.8	650	260	220	340	11	4050x1350x1610
W11-16x2500	16	2500	245	6	750	280	220	360	15	5050x1400x1700
W11-16x3200	16	3200	245	5	900	340	280	440	30	5800x1600x1900
W11-20x2000	20	2000	245	5	750	280	220	360	15	4550x1400x1700
W11-20x2500	20	2500	245	5	850	340	280	440	30	5100x1600x1900
W11-25x2000	25	2000	245	5	850	340	280	440	30	4600x1600x1900
W11-25x2500	25	2500	245	4.5	900	380	300	490	37	5300x1700x1900
W11-30x2000	30	2000	245	4.5	900	380	300	490	37	4800x1700x1900

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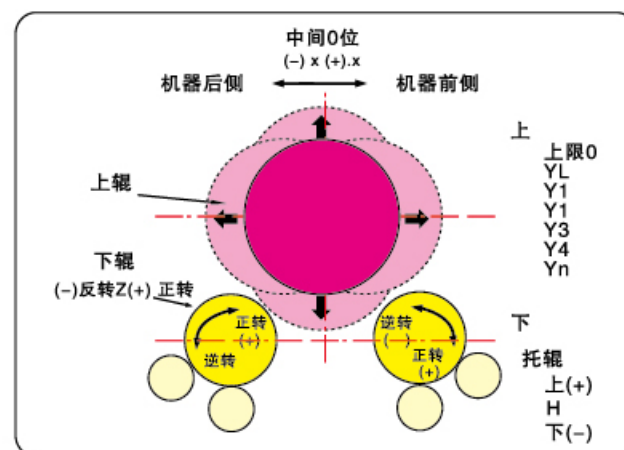


W11S

系列上辊万能式卷板机

SERIES UNIVERSAL PLATE BENDING MACHINE WITH UPPER ROLL

- ◆高精度的端部预弯;
- ◆NC控制, 高的生产效率;
- ◆制品的精度超群;
- ◆作业安全;
- ◆整体式结构, 基础简单移动方便;
- ◆不同的用途, 相应的控制方法;
- ◆丰富的弯曲形状。
- ◆High-precision end pre-bending;
- ◆NC control, high production efficiency;
- ◆Product superior precision;
- ◆Job security;
- ◆Overall structure, simple foundation easy to move;
- ◆Different purposes, appropriate control methods;
- ◆Rich curved shape.



技术参数表 / Technical parameter list

规格型号 model	最大卷板厚度 Maximum thickness mm	最大卷板宽度 Maximum width mm	最大预弯厚度 Pre bending thickness mpa	板材屈服极限 Yield limit mpa	上辊直径 Upper roll diameter mm	下辊直径 Lower roller diameter mm	两下辊中心距 Center distance mm	主电机功率 Main motor power kw	液压电机功率 Hydraulic motor power kw
W11S-6x1500	6	4.5	1500	245	175	125	160	3	2.2
W11S-6x2000	6	4.5	2000	245	180	125	160	3	2.2
W11S-6x2500	6	4.5	2500	245	235	135	180	4	2.2
W11S-6x3200	6	4.5	3200	245	245	145	200	7.5	4
W11S-8x2000	8	6	2000	245	220	135	180	4	2.2
W11S-8x2500	8	6	2500	245	240	135	180	5.5	4
W11S-12x2000	12	10	2000	245	250	145	200	7.5	4
W11S-12x2500	12	10	2500	245	270	150	245	11	5.5
W11S-12x3000	12	10	3000	245	300	165	270	15	5.5
W11S-16x2000	16	12	2000	245	260	150	245	11	5.5
W11S-16x2500	16	12	2500	245	300	165	270	15	5.5
W11S-16x3200	16	12	3200	245	350	180	400	18.5	7.5
W11S-20x2000	20	16	2000	245	300	165	270	15	7.5
W11S-20x2500	20	16	2500	245	340	180	300	18.5	7.5
W11S-25x2000	25	20	2000	245	340	180	300	18.5	7.5
W11S-25x2500	25	20	2500	245	380	220	360	22	7.5
W11S-30x2500	30	25	2500	245	430	235	380	30	11
W11S-30x3000	30	25	3000	245	460	250	400	37	15
W11S-30x3200	30	25	3200	245	510	275	460	45	15
W11S-30x4000	30	25	4000	245	590	290	500	45	22
W11S-40x2000	40	35	2000	245	480	260	420	37	22
W11S-40x2500	40	35	2500	245	520	290	500	55	22
W11S-40x3000	40	35	3000	245	560	290	500	55	22
W11S-40x4000	40	35	4000	245	610	360	650	75	30
W11S-50x3200	50	40	3200	245	610	360	700	75	30
W11S-50x4000	50	40	4000	245	700	380	700	90	30
W11S-60x3000	60	50	3000	245	650	380	700	75	30
W11S-60x4000	60	50	4000	245	780	440	820	110	37
W11S-60x5000	60	50	5000	245	850	460	880	110	37
W11S-70x3000	70	70	3000	245	710	420	780	75	37
W11S-80x2500	80	70	2500	245	710	420	780	75	37
W11S-80x3000	80	70	3000	245	770	460	880	90	37
W11S-90x3000	90	80	3000	245	825	480	920	110	45
W11S-100x3000	100	90	3000	245	860	520	1000	110	45
W11S-120x3000	120	110	3000	245	960	600	1120	160	75

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