

HARSLE[®]

**Professional Metalworking
Machine Manufacturer**



[Http://www.harsle.com](http://www.harsle.com)

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HARSLE · 哈斯数控

COMPANY PROFILE

公司简介

Nanjing Harsle Machine Tool Co., Ltd. is a modern enterprise which manufactures various kinds of NC and CNC press brake, shearing machine, power press, hydraulic press, rolling machine, Ironworker and other related machines. The company has a number of better educated, younger workers who devote themselves to developing and designing sheet metal processing machines, production department applies CAD, CAPP, PDM and other CAD software to the field of product upgrading, which enables the team has strong designing capability, adopt advanced international management mode and introduce German machinery technology. That is the reason why our product quality moves to a higher level constantly.

HARSLE always adhere to the business principle of "making better machine, providing first class service", and constantly increase the readjustment of product structure. Company's main products include: WE67K series CNC sheet metal Press brake, QC12K Series CNC Hydraulic Swing Beam Shear, WC67Y series hydraulic sheet metal bending machine, QC12Y Series Hydraulic Swing Beam Shear, J23 Series Power Press, W11 series three-roller rolling machine, Hydraulic press machine, Q35Y series Ironworker and other products widely used in decoration, metallurgy, shipbuilding, automobiles, machinery, aviation and other specialized areas of production. To meet customers' special requirements for the products, our company is willing to personalize your customized products.

HARSLE is located in special economic zones of the ancient capital in Nanjing. Various types of mechanical engineers which account for more than 30% of employees devote to R & D, production and sales. HARSLE sets up over 30 offices in major cities across the country which provide customers with convenient services, we will be in the spirit of "good faith, collaborative, pragmatic, innovative" to forge ahead with determination, and willing to work with friends from all over the world faithfully, create brilliance together.

Products have extended the applied field to the duct manufacturing, automobile industry, container production, material making industry, metal household appliances, furniture and decorative engineering and other industries. In these industries, Harsle products have been trusted widely, because we believe that: only assure outstanding product quality and good after-sales service which can enable customers to believe us faithfully.



南京哈斯数控机床制造有限公司系生产各类普通及数控折弯机、剪板机、压力机、三四辊卷板机、联合冲剪机、切角机、刃模具配件的现代化管理企业。公司拥有一批知识化、年轻化的队伍致力于钣金加工机床的开发研制，产品开发部运用CAD, CAPP, PDM等辅助设计软件，具有极强的开发设计能力，并采取国际先进的管理模式，引进德国机械工艺技术，在产品质量上不断向更高层次迈进。

公司始终坚持“做精品机床，创一流服务”的经营方针，不断加大产品结构调整力度。公司产品主要有：WC67K系列数控板料折弯机、QC12K系列数控液压摆式剪板机、WC67Y系列液压板料折弯机、QC12Y系列液压摆式剪板机、J23系列压力机、W11系列三辊卷板机、Q35系列联合冲剪机等产品，广泛应用于装潢、冶金、船舶、汽车、机械、航空等专业生产领域。为满足客户对产品的特殊要求，本公司愿为您量身定制个性化产品。公司地址位于六朝古都南京的经济特区，其中各类机械工程师占员工人数的30%以上，服务于公司研发、生产、售后各条线上，公司在全国各大城市设有三十余个办事处为客户提供便捷服务，我们将本着“诚信、协作、务实、创新”的企业精神，锐意进取，并真诚地愿与各界朋友携手并进，共创辉煌。

产品所使用的行业已经拓展到风管制造业、汽车工业、集装箱生产、建筑建材工业、五金家电行业、家具生产和装饰工程等多个行业。在这些行业内，哈斯产品已经备受信赖，因为我们相信：只有保障优秀的产品质量和良好的售后服务才能使客户对我们的信任经久不衰。



We are always on the way and never stop...

When the splendid yesterday has passed, we pay more attention to the future growth. We will, as always, put our product quality first, and supervise strictly every aspect of production, to provide more reliable products. Harsle is wonderful because of you!

我们一直在路上……

昨日的辉煌已成为历史，我们更看重以后的成长。我们将一如既往的将产品品质放在第一位，严格管制每个生产环节，为您提供更放心的产品。哈斯有您更精彩……

OUR CUSTOMERS

客户合影



PRODUCT LIST 产品目录

PRESS BRAKE

折弯机系列

- 01 WE67K series electro hydraulic servo CNC synchronized press brake
WE67K系列电液伺服数控折弯机
- 06 WC67K series hydraulic servo CNC press brake
WC67K系列液压伺服数控板料折弯机
- 07 WC67Y series hydraulic NC press brake
WC67Y系列液压板料折弯机

SHEARING MACHINE

剪板机系列

- 10 QC12Y/K series digital NC hydraulic swing beam shearing machine
QC12Y/K系列数显液压摆式剪板机
- 12 QC11Y/K series hydraulic guillotine shearing machine
QC11Y/K系列液压闸式剪板机
- 14 Q11 series mechanical shearing machine
Q11系列机械剪板机

PUNCH PRESS/HYDRAULIC PRESS

冲床、液压机系列

- 15 J21S series deep-throat power press with fixed worktable
J21S系列深喉口固定台压力机
- 16 J23 series open-type tilting power press
J23系列开式可倾压力机
- 17 JH21 pneumatic press with dry clutch hydraulic overload protector
JH21系列干式离合、液压保险开式固定台气动冲床
- 18 Steel door embossing machine
防盗门液压机
- 19 Y32 series four-column hydraulic press
Y32系列四柱液压机
- 20 Y41 series single column straightening hydraulic machine
Y41系列单柱校直液压机
- 21 YL series gantry hydraulic machine
YL系列龙门液压机

OTHER PRODUCTS

其他系列

- 22 Q35Y series hydraulic combined punching & shearing machine
Q35Y系列液压联合冲剪机
- 23 W11 series mechanical plate rolling machine with three rollers
W11系列三辊机械卷板机
- 24 W12 series hydraulic plate rolling machine with four rollers
W12系列四辊液压卷板机
- 25 Vertical baler
立式打包机
- 26 Q43Y series hydraulic crocodile-cutting machine
Q43Y系列鳄鱼式液压剪断机
- 27 Y81 series hydraulic metal balers
Y81系列金属打包液压机
- 29 3015 series single fiber laser cutting machine
3015单驱光纤激光切割机
- 30 CNC laser cutting machine
数控激光切割机

WE67K 系列电液伺服数控折弯机

SERIES ELECTRO HYDRAULIC SERVO CNC SYNCHRONIZED PRESS BRAKE

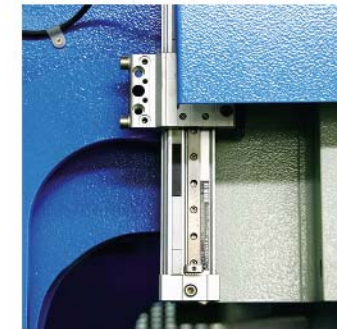


Features

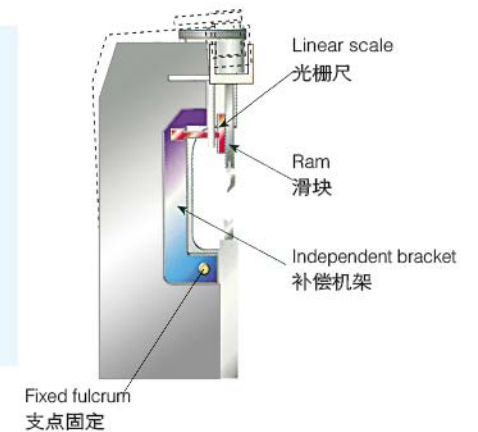
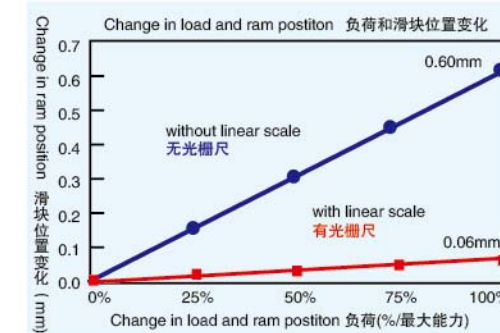
- The machine body adopts the structure of integrally welded and integrated machining, and the main parts of the machine body use ANSYS finite element analysis software to analyze, which ensures the reliability of the machine and the precision of the entire machine.
- The main oil cylinders fitted on both sides adopt closed loop control mode which is composed of Germany electro-hydraulic servo valve and imported grating ruler, breaking through the stroke control mode of traditional mechanical stop bending machines, ensuring the high precision of the glide position feedback, the accurate and stable operation, the high precision of bending, and high precision of the repeated positioning of slider.
- The functional components of the blocking behind press are all imported, ensuring the stopping precision of the blocking behind press. The machine also can adopt more functional multi-axis blocking behind press mechanism according to the customers' requirements.
- The hydraulic system adopts integrated control system imported from Germany, which decreases the installation of pipelines and ensures working stability of the machine tool and conciseness and beauty in appearance.
- C-shaped plates are fitted on both sides of the machine body, and the high precision grating ruler is fitted on the C-shaped plate. Thus to avoid the influences on bending precision arising from distortion of machine body during bending process.
- The lower workbench is fitted with hydraulic automatic deflection compensation mechanism, ensuring effective compensation without blind area and high precision of bending, so that long stability is guaranteed.
- The numerical control system adopts the electro hydraulic servo bending machine CNC system imported from Italian ESA, German DELEME or Swiss CYBELEC, which can achieve the function of graphic programming for bending angle, angle amendment compensation, automatic calculation and adjustment of the bending pressure, automatic calculation of workbench distortion compensation, expanding length of work piece, bending pressure of sole pressing, open distance and automatic withdrawal of back gauge and so on.

性能特点

- 机身采用整体焊接及整体加工结构，机身主要部件均采用ANSYS有限元分析软件进行分析，确保了机床的可靠性及整机的精度；
- 两侧主油缸突破了传统机械挡块式折弯机的行程控制方式，而是采用了德国进口电液伺服阀及进口光栅尺构成的闭环控制方式，滑块位置反馈精度高，运行准确平稳，同步性能好，折弯精度、滑块的重复定位精度高；
- 后挡料中的功能部件均采用进口件，确保了后挡料的挡料精度，并可根据客户需求采用功能更为齐全的多个后挡料轴的后挡料机构；
- 液压系统均采用德国进口的集成式控制系统，减少了管路的安装，确保了机床的工作稳定性，外形简洁美观；
- 机身两侧装有C型板，高精度光栅尺安装在C型板上，从而避免了折弯时机身变形对折弯精度的影响；
- 下工作台具有液压挠度自动补偿机构，实现了无盲区有效补偿，折弯精度高，确保长期稳定；
- 数控系统采用意大利ESA、荷兰DELEM或瑞士CYBELEC公司的电液伺服折弯机专用数控系统，可实现折弯角度图形编程、角度修正补偿，折弯压力自动计算与自动调整，自动计算工作台变形补偿量、工件展开长度、压底折弯压力、开口距离、后挡料自动退让等功能。



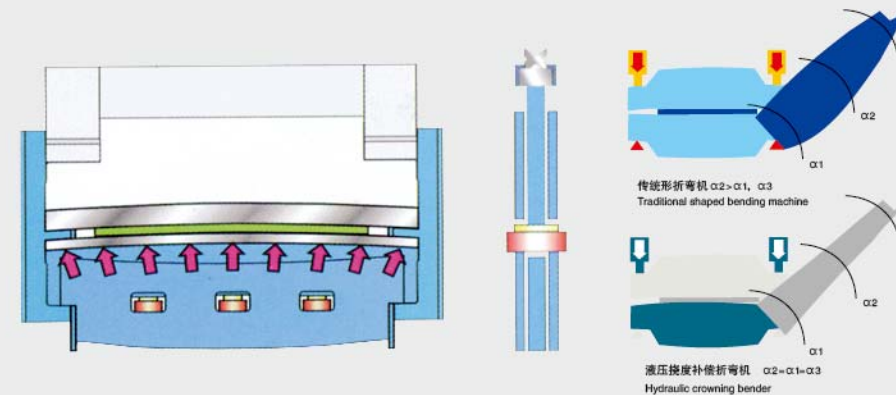
Import grating, durable and reliable
采用进口光栅尺，经久可靠



Two linear scales are installed at each end of the machine, they can be used to measure the exact distance between ram and worktable. The linear scale is connected with worktable, in this way, the deformation of columns can't influence the detection of position and the datum will be fed back to the CNC controller instantly, then it can compute and output the controlling signal from servo valve. If there is any positioning error, the CNC controller will adjust the two servo valves that can ensure the worktable and ram at the equilibrium.

在机床的两端装上两个光栅尺，他们可以测定滑块与工作台的确切距离，光栅尺与工作台相连，这样，立柱的变形不会影响位置检测，数据立即被反馈至数控系统，它便可计算并输出伺服阀控制信号。若有丝毫的定位误差，数控系统便对两个伺服阀进行必要的校正，这就确保了工作台与滑块间始终处于平衡状态。

Stage hydraulic compensation device 工作台液压补偿装置



Working principle:

The stress can cause the ram and worktable some deformation during the process of bending; the cylinder compensation device can make relevant compensation to the ram deformation, which improves the precision of press brake by a wide margin. It is specially applied to make some high precision products such as stainless steel.

工作原理:

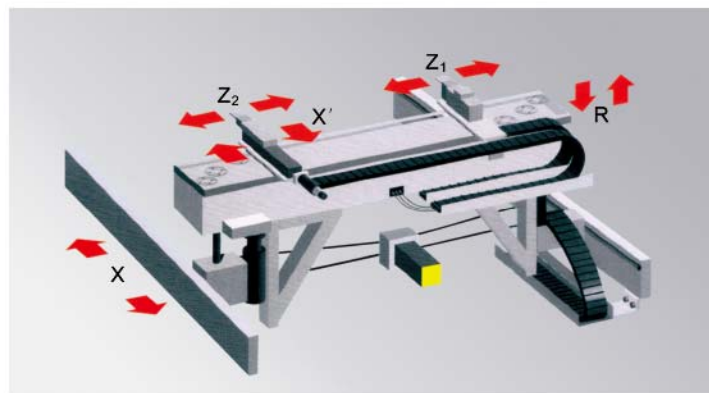
折弯过程中，滑块与工作台因受力产生一定量的变形，本机床采用工作台加补偿缸系统，对滑块变形作出相应的补偿量，使折弯机精度大幅提升。特别适用户加工不锈钢薄板等高精度产品。

Optional configuration 可选配置



1. Manual Crowning Workbench
手动补偿工作台
2. Motorized Crowning Workbench
电动补偿工作台

High precision backgauge device
高精密后挡料装置



Multi-Axes Solutions / 多轴选择

- 3 + 1 axis: Y1,Y2,X,+V
- 4 + 1 axis: Y1,Y2,X,R,+V
- 6 + 1 axis: Y1,Y2,X1,X2,R1,R2,+V
- 8 + 1 axis: Y1,Y2,X1,X2,R1,R2,Z1,Z2,+V

- 3 + 1 轴: Y1,Y2,X,+V
- 4 + 1 轴: Y1,Y2,X,R,+V
- 6 + 1 轴: Y1,Y2,X1,X2,R1,R2,+V
- 8 + 1 轴: Y1,Y2,X1,X2,R1,R2,Z1,Z2,+V

Standard configuration
标准配置



Grating Ruler
光栅尺

Ball Screw and Linear Guide
滚珠丝杠直线导轨

Segmented Mold
分段模具

Safety Fence
护栏

Siemens Motor
西门子电机

Schneider Electric
施耐德电器

Adjustable Z Stopper(Optional)
可调升降挡指 (选配)

EMB Tubing Connector
EMB卡套接头

Proportional Valve
比例阀

Fast Clamp
快夹

Servo Motor
伺服电机

Hydraulic System
液压系统

Foot Switch
脚踏开关

Safety Protection
(Light curtain / Laser)(Optional)
安全保护 (光幕/激光) (选配)

Front Arm
前托料

Fine Adjustment Stopper
微调挡指

Bending machine numerical control system (optional)
折弯机数控系统(选配)

DA-52S (荷兰DELEM公司)



- 6.4" LCD TFT display;
- A type parameter fast programming;
- Navigation shortcut keys;
- Degree of compensation control around the table;
- Mold / material / product library;
- 266MHz processor;
- 30 an upper die, lower die 30;
- Diagnostic procedures;
- Max 4-axis control.
- Max 4-axis control;
- Work table compensation control;
- 64MB RAM;
- 64MB RAM;
- 30个上模, 30个下模;
- Built-in PLC functions.
- 最大4轴控制。
- 导航快捷键;
- 工作台绕度补偿控制;
- 266MHz处理器;
- 30个上模, 30个下模;
- 内置PLC功能。

DA-56S (荷兰DELEM公司)



- 10" color TFT display, memory display, memory capacity 32M, die information memory capacity 2M, and data backup.
- 2D graph software and display, definition of bending procedure of graph mode, inspection for collision prevention.
- Freely set the parameters of material, free graph program die, angle calibration database.
- Automatic calculation of bending force, work-desk distortion compensation, sole bending force, large arc bending and spreading length.
- 10"彩色液晶显示, 存储容量32M, 模具信息存储容量2M, 可数据备份;
- 二维图形编程与显示, 图形方式的折弯工序定义, 防撞检测;
- 自由设定材料参数, 自由图形编制模具, 角度校正数据库;
- 折弯压力, 工作台变形补偿, 压底折弯力, 大圆弧折弯, 展开长度自动计算。

DA-58T (荷兰DELEM公司)



- 2D touch graphical programming
- 15" high-resolution TFT true color display
- Bending process calculation
- Deflection compensation control
- Servo and drive control modes
- Advanced Y-axis control algorithm, you can control the closed-loop valve can also control the open-loop valve
- USB interface
- 2D触摸式图形编程
- 15" 高分辨率的TFT真彩显示
- 折弯工序计算
- 挠度补偿控制
- 伺服和变频器控制模式
- 先进的Y轴控制算法, 即可控制闭环阀, 也可控制开环阀
- USB接口

DA-66T (荷兰DELEM公司)



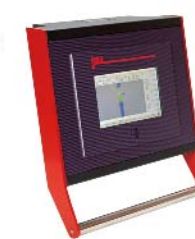
- 2D touch graphical programming
- 3D product graphics simulation shows
- 17" high resolution TFT color display
- Full Windows application package
- Compatible DELEM modular structure
- USB, Peripheral Interface
- User program applications in multitasking environments
- Angle detection sensor interface
- 2D触摸式图形编程
- 3D产品图形模拟显示
- 17" 高分辨率TFT真彩显示
- 完整的Windows应用程序包
- 兼容DELEM模块化结构
- USB, 外设接口
- 多任务环境下用户程序应用
- 角度检测传感器接口

DA-69T (荷兰DELEM公司)



- 3D and 2D graphical touch screen programming mode
- 3D visualisation in simulation and production
- 17" high resolution colour TFT
- Full Windows application suite
- Delem Modusys compatibility(module scalability and adaptivity)
- USB, peripheral interfacing
- Open system architecture
- Sensor bending & correction interface
- 2D和3D触摸式图形编程
- 3D产品图形模拟显示
- 17" 高分辨率TFT真彩显示
- 完整的Windows应用程序包
- 兼容DELEM模块化结构
- USB, 外设接口
- 多任务环境下用户程序应用
- 角度检测传感器接口

KVS 630 (Italy ESA)



- High-definition 10-inch TFT color touch screen
- Built-in PLC
- 2D graphics programming
- Expand length calculation
- Graphic upper and lower mold, support the multilateral mold, telescopic mold, arc mold, gooseneck mold and so on
- Graphical programming Automatic, manual optimization
- Supports analog bending
- Support for graphic or numerical arc bending
- Support double-click linkage function, no need to purchase another synchronization card
- 高清晰的10寸TFT彩色触摸屏
- 内置PLC
- 二维图形编程
- 展开长度计算
- 图形化上下模, 支持多边模、伸缩模、圆弧模、鹅颈模等模具
- 图形编程自动、手动优化
- 支持模拟折弯
- 支持图形或数值式圆弧折弯
- 支持双击联动功能, 无须另购同步卡

CybTouch8



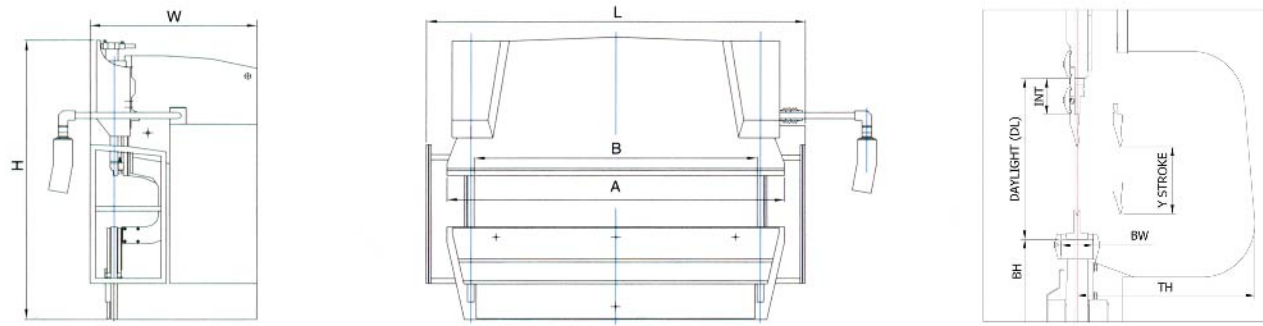
- 9.4" LCD display.
- Boot directly into the bend pages, only one page programming and correcting it is simple and efficient;
- Easy bending function, you can insert a single bend and return, angle programming directly.
- Without setting bending surface and stop, it can calculate back gauge position automatically.
- It can calculate bending lower dead center and adjustment pressure automatically, with Chinese operation interface and standard 4 or 6 axis control.
- It is the most applicable to large electro-hydraulic servo bending machine CNC system.
- 9.4" LCD液晶显示;
- 开机直接进入折弯页面, 仅需一个页面编程并校正, 简单高效;
- Easy bending轻松折弯功能, 可以插入单一折弯并返回, 角度直接编程;
- 不需设定折弯面及停靠点, 自动计算后挡料位置;
- 自动计算折弯下死点, 压力自动调整, 中文操作界面, 标准4轴或6轴控制;
- 最适用大型电液伺服折弯机数控系统。

CybTouch12



- 10.2" LCD color display, windows XP operating system is multi-lingual operator interface, including Chinese.
- 2D Graphics Programming, work piece and mold graphics rendering, Comprehensive anti-collision detection.
- Bending force, workbench distortion compensation, speed change point, clamping point, expansion length, great arc bending, back gauge position calculation automatically.
- 256M memory disk, data backup, recovery, attaches 2D off-line programming software and calculating programming, processing simulation.
- 10.2"彩色液晶显示, windows XP操作系统含中文在内的多国语言操作界面;
- 二维图形编程, 工件与模具图形绘制, 全方位碰撞检测功能;
- 折弯力, 工作台变形补偿, 速度转折点、夹紧点, 展开长度, 大圆弧折弯, 开口距离, 后挡料退让自动计算;
- 256M内存盘, 数据备份、恢复, 附带二维离线编程软件可离线编程计算, 模拟加工。

WE67K系列技术参数



Type 机床型号	WE67K-63T/2500	WE67K-80T/3200	WE67K-100T/3200	WE67K-160T/3200	WE67K-200T/3200	WE67K-250T/3200	WE67K-320T/3200
Nominal Force 公称力	630KN	800KN	1000KN	1600KN	2000KN	2500KN	3200KN
Bending Length 折弯长度 (A)	2500mm	3200mm	3200mm	3200mm	3200mm	3200mm	3200mm
Poles Distance 立柱间距离 (B)	1900mm	2700mm	2700mm	2700mm	2700mm	2700mm	2700mm
Throat Depth 喉口深度	350mm	350mm	400mm	400mm	400mm	400mm	400mm
Slider Travel 滑块行程	170mm	170mm	200mm	200mm	200mm	200mm	200mm
Worktable Height 工作台高度	800mm	800mm	800mm	800mm	800mm	800mm	800mm
Die Loading Height 装模高度	380mm	380mm	420mm	420mm	420mm	420mm	420mm
Power 主电机功率	5.5kw	7.5kw	7.5kw	11kw	15kw	15kw	18.5kw
Compensation 补偿油缸数量	2	3	3	3	3	3	3
Axes 控制轴数	3+1	3+1	3+1	3+1	3+1	3+1	3+1
X axis travel X轴行程	500mm	500mm	500mm	500mm	500mm	500mm	500mm
X axis speed X轴速度	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s
Dimension 外形尺寸(长*宽*高) (L*W*H)	3100×1450×2050	3500×1550×2100	3500×1580×2400	3500×1650×2500	3500×1680×2550	3500×1700×2600	3500×1800×2730

Type 机床型号	WE67K-400T/4000	WE67K-500T/5000	WE67K-500T/6000	WE67K-500T/7000	WE67K-600T/5000	WE67K-600T/6000	WE67K-600T/7000
Nominal Force 公称力	4000KN	5000KN	5000KN	5000KN	6000KN	6000KN	6000KN
Bending Length 折弯长度 (A)	4000mm	5000mm	6000mm	7000mm	5000mm	6000mm	7000mm
Poles Distance 立柱间距离 (B)	3500mm	3900mm	4900mm	5900mm	3900mm	4900mm	5900mm
Throat Depth 喉口深度	400mm	500mm	500mm	500mm	500mm	500mm	500mm
Slider Travel 滑块行程	200mm	320mm	320mm	320mm	320mm	320mm	320mm
Worktable Height 工作台高度	800mm	800mm	800mm	800mm	800mm	800mm	800mm
Die Loading Height 装模高度	420mm	600mm	600mm	600mm	600mm	600mm	600mm
Power 主电机功率	22.5kw	37kw	37kw	37kw	45kw	45kw	45kw
Compensation 补偿油缸数量	4	5	6	6	5	6	7
Axes 控制轴数	3+1	3+1	3+1	3+1	3+1	3+1	3+1
X axis travel X轴行程	500mm	500mm	500mm	500mm	500mm	500mm	500mm
X axis speed X轴速度	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s
Dimension 外形尺寸(长*宽*高) (L*W*H)	4300×2080×2730	5400×2525×4600	6500×2525×4200	7500×2525×4900	5500×2450×4500	6500×2450×5100	7500×2450×5200

Type 机床型号	WE67K-800T/6000	WE67K-800T/7000	WE67K-800T/8000	WE67K-1000T/6000	WE67K-1000T/7000	WE67K-1000T/8000	WE67K-1200T/6000	WE67K-1200T/7000	WE67K-1200T/8000	WE67K-1600T/6000	WE67K-1600T/7000	WE67K-1600T/8000
Nominal Force 公称力	8000KN	8000KN	8000KN	10000KN	10000KN	10000KN	12000KN	12000KN	12000KN	16000KN	16000KN	16000KN
Bending Length 折弯长度 (A)	6000mm	7000mm	8000mm	6000mm	7000mm	8000mm	6000mm	7000mm	8000mm	6000mm	7000mm	8000mm
Poles Distance 立柱间距离 (B)	4900mm	5900mm	5900mm	5900mm	5900mm	6900mm	4900mm	5900mm	6900mm	4900mm	5900mm	6900mm
Throat Depth 喉口深度	600mm	600mm	600mm	600mm	600mm	600mm	600mm	600mm	600mm	500mm	500mm	500mm
Slider Travel 滑块行程	420mm	420mm	420mm	420mm	420mm	420mm	420mm	420mm	420mm	320mm	320mm	320mm
Worktable Height 工作台高度	800mm	800mm	800mm	800mm	800mm	800mm	800mm	800mm	800mm	800mm	800mm	800mm
Worktable Width 工作台宽度	300mm	300mm	300mm	300mm	300mm	300mm	300mm	300mm	300mm	300mm	300mm	300mm
Die Loading Height 装模高度	600mm	600mm	600mm	600mm	600mm	600mm	600mm	600mm	600mm	600mm	600mm	600mm
Power 主电机功率	74kw	74kw	74kw	90kw	90kw	90kw	90kw	90kw	90kw	110kw	110kw	110kw
Axes 控制轴数	3	3	3	3	3	3	3	3	3	3	3	3
X axis travel X轴行程	800mm	800mm	800mm	800mm	800mm	800mm	800mm	800mm	800mm	800mm	800mm	800mm
X axis speed X轴速度	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s	500mm/s	500mm/s	500mm/s
Dimension 外形尺寸(长*宽*高) (L*W*H)	6500×2750×5300	7500×2750×5500	8500×2750×5900	6500×2800×5600	7500×2800×5800	8500×2800×6100	6500×3100×5850	7500×3100×6550	8500×3100×7150	6500×3300×6500	7500×3300×7000	8500×3300×8000

Sorry no notice if parametre change! 样本参数如有更改恕不另行通知!

WC67K 系列液压伺服数控板料折弯机
SERIES HYDRAULIC SERVO CNC
PRESS BRAKE



Features

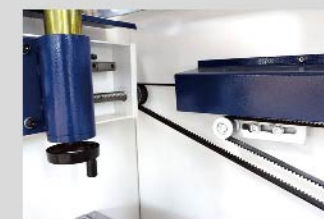
- Servo motor control
- Store up to 100 programs
- Up to 25 bends per program
- Tool library & Tool program
- Automatic Bending angle program
- Higher ram and backgauge speed
- Higher bending and positioning accuracy

性能特点

- 伺服电机控制
- 最高可存储100道程序
- 每道程序最高存储25步
- 模具库存储及编程
- 折弯角度自动编程
- 更高的滑块和后挡料速度
- 更高的折弯和定位精度

Configurations:
/配置

	Motor	Siemens	Germany
Hydraulic Pump	Sunny		USA
Electric components	Schneider		France
Hydraulic Valve	Rexroth		Germany
Tubing connector	EMB		Germany
Foot switch	Kacon		South Korea
电机	西门子		德国
油泵	SUNNY		美国
电器	施耐德		法国
液压阀	力士乐		德国
接头	EMB		德国
脚踏开关	凯昆		韩国



Timing Belt
同步带



Fast Clamp
快夹



Backstop
后挡料



Servo Motor
伺服电机

WC67Y 系列液压板料折弯机

SERIES HYDRAULIC NC PRESS BRAKE



Features

- The whole welded machine structure achieves high rigidity; the machine is designed by ANSYS software which can ensure the reliability and precision of the press brake.
- The motors for backgauge are controlled by inverter, which can achieve high positioning accuracy of the backgauge and ram by changing the frequency and voltage of motor.
- Different punch and dies are optional according to customer's requirements, such as Multi-V die, radius die, gooseneck die, etc. One set of complete standard punch and die will be included for free.
- X axis (Backgauge) and Y axis (Ram stroke or cylinder stroke) can be programmed by E21 system controller, which can store up to 40 groups of programs.
- Side and rear metal safety guard meets European safety standard.
- Hydraulic overload can be protected by overflow valve, System pressure can be regulated by pressure switch easily.
- Foot switch with emergency button can stop the machine immediately when accident happens.

性能特点

- 整机采用钢板焊接结构，ANSYS应力分析软件确认机器的稳定性和精度。
- 变频器控制后挡料电机，确保后挡料定位精度和稳定性。
- E21系统可以后挡料行程及滑块行程进行编程，系统最多可存储40组程序。
- 两侧及后侧护栏符合欧洲安全标准。
- 溢流阀对系统进行液压过载保护，压力开关可调节系统压力。
- 脚踏开关急停功能可确保机器在突发情况下停止。



Frequency Converter(Optional)
变频器 (选配)



The backgauge
后挡料



Tubing Connector
卡套接头



Siemens Motor
西门子电机

WC67K/WC67Y SERIES PARAMETER TABLE

WC67K/WC67Y系列折弯机技术参数

TYPE 型号	Nominal Force 公称压力 (KN)	Worktable Length 工作台长度 (mm)	Poles Distance 立柱间距 (mm)	Throat Depth 喉口深度 (mm)	Slider Travel 滑块行程 (mm)	Max Open 最大开启高度 (mm)	Power 主电机功率 (kw)	Dimension 外形尺寸 LxWxH (mm)
40T/2200	400	2200	1875	230	100	320	5.5	2200x1200x1910
40T/2500	400	2500	1875	230	100	320	5.5	2500x1200x1910
50T/2500	500	2500	1875	230	100	320	5.5	2500x1210x2000
63T/2500	630	2500	2020	250	100	320	5.5	2500x1300x2210
63T/3200	630	3200	2575	250	100	320	5.5	3200x1300x2210
80T/2500	800	2500	2020	300	100	320	7.5	2500x1400x2300
80T/3200	800	3200	2590	320	100	350	7.5	3200x1500x2300
80T/4000	800	4000	3050	320	100	350	7.5	4000x1500x2400
100T/2500	1000	2500	2020	320	120	320	7.5	2500x1600x2400
100T/3200	1000	3200	2600	320	120	370	7.5	3200x1600x2600
100T/4000	1000	4000	3050	320	120	370	7.5	4000x1600x2700
125T/3200	1250	3200	2600	320	120	370	7.5	3200x1600x2600
125T/4000	1250	4000	3050	320	120	370	7.5	4000x1600x2700
160T/3200	1600	3200	2600	320	200	460	11	3200x1700x2700
160T/4000	1600	4000	3000	320	200	460	11	4000x1700x2800
160T/5000	1600	5000	4000	320	200	460	11	5000x1900x3100
160T/6000	1600	6000	4940	320	200	460	11	6000x1900x3200
200T/3200	2000	3200	2600	320	200	460	11	3200x1950x2800
200T/4000	2000	4000	3000	320	200	460	11	4000x1950x2800
200T/5000	2000	5000	4000	320	200	460	11	5000x1950x3000
200T/6000	2000	6000	5000	320	200	460	11	6000x1950x3300
250T/3200	2500	3200	2500	400	250	590	18.5	3200x2000x3200
250T/4000	2500	4000	3000	400	250	590	18.5	4000x2000x3400
250T/5000	2500	5000	4000	400	250	590	18.5	5000x2000x3400
250T/6000	2500	6000	5000	400	250	590	18.5	6000x2000x3400
300T/3200	3000	3200	2530	400	250	590	22	3200x2000x3450
300T/4000	3000	4000	3000	400	250	590	22	4000x2000x3450
300T/5000	3000	5000	4000	400	250	590	22	5000x2000x3450
300T/6000	3000	6000	5000	400	250	590	22	6000x2000x3450
400T/4000	4000	4000	3000	400	250	590	30	4000x2180x3400
400T/5000	4000	5000	4000	400	250	590	30	5000x2180x3500
400T/6000	4000	6000	5000	400	250	590	30	6000x2180x3800
500T/5000	5000	5000	4000	400	250	590	45	5000x3500x3700
500T/6000	5000	6000	5000	400	320	590	45	6000x3500x3700
600T/4000	6000	4000	3000	400	320	590	55	4000x4500x3700
600T/6000	6000	6000	5000	400	320	590	55	6000x4500x3700
800T/6000	8000	6000	5000	400	320	590	55	6000x4500x6000

Sorry no notice if parametre change! 样本参数如有更改恕不另行通知!

Force Chart for Press Brake 板料折弯力表

v	4	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50	55	60	65	70	80	90	100	120		
b	2.8	4.24	5.7	7.1	8.5	9.9	11	12.7	14	17	19.8	22.6	25.5	28	31.8	35	38.9	42.4	46	49.5	56.6	63.6	70.7	85		
R	0.7	1	1.3	1.7	2	2.3	2.7	3	3.3	4	4.7	5.3	6	6.7	7.5	8.3	9.2	10	10.8	11.7	13.3	15	16.7	20		
S	0.5	41	27.1																							
	0.6	59	39	29	23																					
	0.8		69.3	52	42	35																				
	1		108	81	65	54	46																			
	1.2			117	94	78	67	59																		
	1.5				146	122	104	91	81.3																	
	2					217	186	163	144	130	108															
	2.5						290	254	226	203	169	145	127													
	3									325	293	244	209	183	163											
	3.5										398	332	284	249	221	199	177									
	4											433	371	325	289	260	230	208								
	4.5												470	411	366	329	300	263	239							
	5													508	451	406	360	325	295	271	250					
	6															585	520	468	425	390	360	334	293			
8																	832	756	693	640	594	520	462	416		
10																			1083	1000	929	813	722	650	542	
12																						1170	1040	936	780	
14																							1416	1274	1062	

Figures in this Chart is based on following parameters: material strength $\sigma_b=450N/mm^2$ and length $L=1m$. Force for material with different strength and length can be calculated proportionally.

本表数值是以材料强度 $\sigma_b=450N/mm^2$ 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。

Sorry no notice if parametre changel 样本参数如有更改恕不另行通知!

Force Calculation Formula for Press Brake:

板料折弯力计算方法:

Calculation formula of bending force for plate:

P-Bending force(kN) S-Thickness(mm)

L-Width(m)

V-Channel width of bottom die(mm)

Calculation formula: $P = \frac{650S^2L}{V} (\sigma_b=450N/mm^2)$

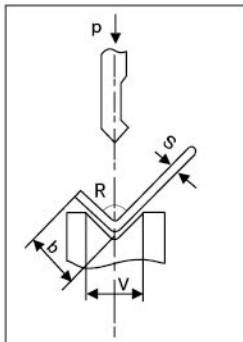
板料折弯力计算方法:

P-折弯力 (千牛) S-板厚 (毫米)

L-板宽 (米)

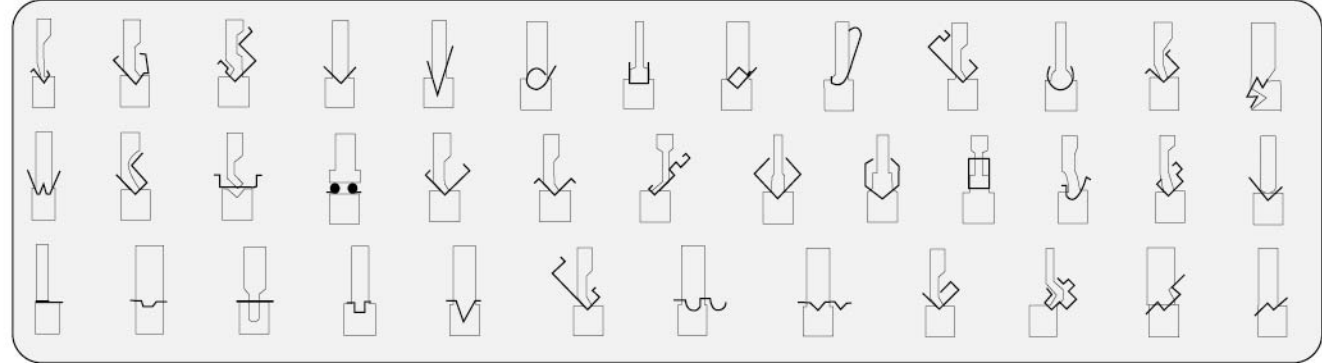
V-下模槽口宽 (毫米)

计算公式: $P = \frac{650S^2L}{V} (\sigma_b=450N/mm^2)$



Bend diagram
折弯示意图

Processing Workpiece Drawing 加工工件图



QC12Y/K 系列数显液压摆式剪板机 SERIES DIGITAL NC HYDRAULIC SWING BEAM SHEARING MACHINE



Features

- The motors for backgauge are controlled by inverter, which can achieve high positioning accuracy 0.05mm of the backgauge by changing the frequency and voltage of motor.
- Top blade with two cutting edges and bottom blade with four cutting edges (6CrW2Si).
- X axis(Backgauge) and cutting time can be programmed by E21S system controller, which can store up to 40 groups of programs.
- Hydraulic overload can be protected by overflow valve, knife rack returns by Nitrogen cylinders.
- Foot switch with emergency button can stop the machine immediately when accident happens.
- Adjusting knife gap between upper and bottom blades can achieve better cutting performance.
- Front arms with ruler and roll balls can ensure the cutting accuracy and feed the material easily.

性能特点

- 变频器控制后挡料电机, 确保后挡料精度控制在0.05mm以内。
- 上刀片两面刀口, 下刀片四面刀口, 材质为6CrW2Si。
- E21S系统控制后挡料行程及剪切刀口行程, 最高可存储40组程序。
- 溢流阀对系统进行过载保护, 刀架氮气回程。
- 脚踏开关急停功能可对突出情况进行保护。
- 手动调节刀口间隙, 从而获得更好的剪切效果。
- 前托料配有标尺, 可对送料长度进行精确定位。



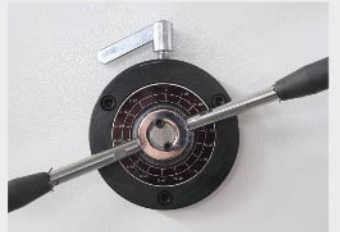
Frequency Converter
变频器 (选配)



Tubing Connector
卡套接头



SUNNY Oil Pump
SUNNY油泵



Knife Gap Adjustment
刀口间隙调节

Optional CNC system / 可选配数控系统

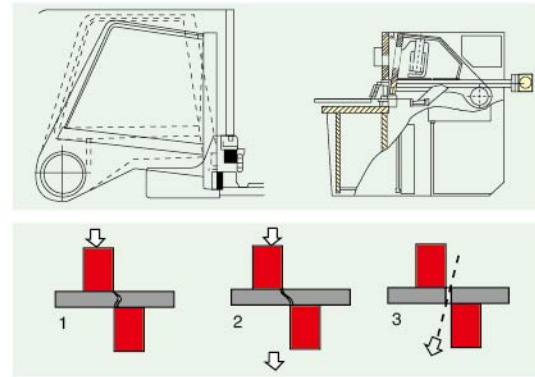


E21S
(南京ESTUN)

- Backgauge(X axis) movement control
- Control AC motor or inverter
- Intelligent and unilateral positioning
- Work-piece counting function
- Language for Chinese/English
- Unit for mm/inch
- Double programmable digital output
- One key back-up/restore of parameters
- 40 programs stored, 25 steps per program

- 后挡料距离控制
- 控制交流电机或变频器
- 智能单边定位
- 工件计数功能
- 中英文双语界面
- 单位毫米制或英寸制
- 双路可编程数字输出
- 参数一键备份和存储
- 40个程序存储, 每道程序存储25部

Schematic / 结构示意图



Reasonable blade clearance will be satisfied with the quality of the cut, with quick blade gap adjustment mechanism, depending on the thickness and material can be conducive to the shearing blade gap adjustment, and with accurate parameters for reference selection table.

合理的刀片间隙会得到满意的剪切质量, 配备快速刀片间隙调节机构, 能够根据不同板厚及材料调节利于剪切的刀片间隙, 并配以精确参数表供参考选择。

QC12Y / QC12K SERIES PARAMETER TABLE

QC12Y/QC12K系列剪板机技术参数

TYPE 型号	Cutting Thickness 可剪板厚 (mm)	Cutting Length 可剪板宽 (mm)	Cutting Angel 剪切角 (°)	Material Strength 材料强度 (KN/CM)	Stopper Adjust Range 后挡料调节范围 (mm)	Stroke Times 行程次数 (次/分)	Power 主电机功率 (kw)	Dimension 外形尺寸 L x W x H(mm)
4 x 2500	4	2500	1° 30'	≤450	20-500	16	5.5	3040 x 1550 x 1550
4 x 3200	4	3200	1° 30'	≤450	20-500	13	5.5	3840 x 1550 x 1550
4 x 4000	4	4000	1° 30'	≤450	20-600	10	5.5	4600 x 1700 x 1700
4 x 6000	4	6000	1° 30'	≤450	20-800	5	7.5	6460 x 2100 x 3200
6 x 2500	6	2500	1° 30'	≤450	20-500	15	7.5	3040 x 1710 x 1620
6 x 3200	6	3200	1° 30'	≤450	20-500	12	7.5	3840 x 1710 x 1620
6 x 4000	6	4000	1° 30'	≤450	20-600	9	7.5	4620 x 1850 x 1700
6 x 5000	6	5000	1° 30'	≤450	20-600	8	7.5	5410 x 1710 x 1620
6 x 6000	6	6000	1° 30'	≤450	20-800	5	11	6480 x 2100 x 2300
8 x 2500	8	2500	1° 30'	≤450	20-500	11	7.5	3040 x 1700 x 1700
8 x 3200	8	3200	1° 30'	≤450	20-500	8	7.5	3860 x 1700 x 1700
8 x 4000	8	4000	1° 30'	≤450	20-600	8	7.5	4640 x 1700 x 1700
8 x 5000	8	5000	1° 30'	≤450	20-600	8	7.5	5400 x 2400 x 2000
8 x 6000	8	6000	1° 30'	≤450	20-800	8	11	6480 x 2100 x 2350
10 x 2500	10	2500	1° 30'	≤450	20-500	10	11	3040 x 1800 x 1700
10 x 3200	10	3200	1° 30'	≤450	20-500	10	11	3860 x 2000 x 1700
10 x 4000	10	4000	1° 30'	≤450	20-600	10	11	4650 x 2100 x 2000
10 x 6000	10	6000	1° 30'	≤450	20-800	10	15	6500 x 2100 x 2300
12 x 2500	12	2500	2°	≤450	20-600	12	18.5	3140 x 2050 x 2000
12 x 3200	12	3200	2°	≤450	20-600	10	18.5	3880 x 2150 x 2000
12 x 4000	12	4000	2°	≤450	20-600	10	18.5	4680 x 2150 x 2100
12 x 5000	12	5000	2°	≤450	20-600	6	18.5	3245 x 1900 x 1900
12 x 6000	12	6000	2°	≤450	20-1000	5	18.5	6900 x 2600 x 2700
16 x 2500	16	2500	2° 30'	≤450	20-600	10	18.5	3140 x 2150 x 2000
16 x 3200	16	3200	2° 30'	≤450	20-600	10	18.5	3880 x 2150 x 2000
16 x 4000	16	4000	2° 30'	≤450	20-800	10	18.5	4650 x 2150 x 2200
16 x 5000	16	5000	2°	≤450	20-1000	6	18.5	5900 x 2600 x 2700
16 x 6000	16	6000	2°	≤450	20-1000	5	22	6900 x 2700 x 2700
20 x 2500	20	2500	3°	≤450	20-800	8	22	3440 x 2300 x 2500
20 x 3200	20	3200	3°	≤450	20-800	8	22	4150 x 2350 x 2700
20 x 4000	20	4000	3°	≤450	20-1000	5	22	4850 x 2600 x 2400
20 x 6000	20	6000	3°	≤450	20-1000	4	22	6700 x 3000 x 3000
25 x 2500	25	2500	3°	≤450	20-1000	8	37	3200 x 2700 x 2900
25 x 3200	25	3200	3°	≤450	20-1000	5	37	4200 x 2400 x 2500
30 x 2500	30	2500	3°	≤450	20-1000	4	37	3300 x 2900 x 3000
30 x 3200	30	3200	3° 30'	≤450	20-1000	4	40	4200 x 2500 x 2600
40 x 2500	40	2500	4°	≤450	20-1000	3	75	3200 x 3300 x 3200
40 x 3200	40	3200	4°	≤450	20-1000	3	90	4300 x 3300 x 3000

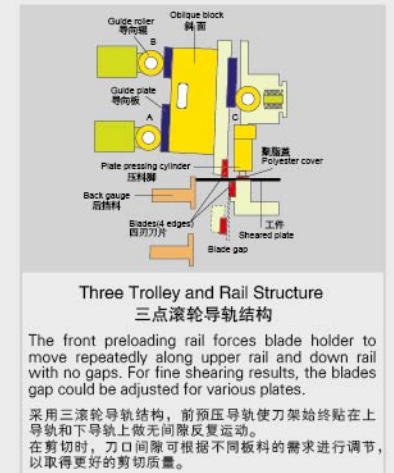
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QC11Y/K 系列液压闸式剪板机
SERIES HYDRAULIC GUILLOTINE
SHEARING MACHINE



Features/性能特点:

- Vertical cutting can achieve higher performance and strength;
- Top blade with four cutting edges and bottom blade with four cutting edges (6CrW2Si);
- X axis(Backgauge) and cutting time can be programmed by E21S system controller, which can store up to 40 groups of programs;
- Cutting angle can be adjusted by CNC controller, Blade gap can be motorized controlled;
- Hydraulic overload can be protected by overflow valve, knife rack returns by Nitrogen cylinders;
- Foot switch with emergency button can stop the machine immediately when accident happens;
- Front arms with ruler and roll balls can ensure the cutting accuracy and feed the material easily.
- 刀片垂直剪切, 剪切更有力, 更高效;
- 上下刀片各四面刀口, 可切换使用;
- E21S控制后挡料行程, 系统可存储40组程序;
- 系统调节剪切角和刀口间隙;
- 液压过载保护, 刀架氮气回程;
- 脚踏开关急停功能提高使用安全性;
- 滚珠前托料配有标尺, 保证送料精度。



Front carrier
前托料



Pneumatic back carrier(optional)
气动后托料(选配)



Knife Gap Adjustment
刀口间隙调节



Front feeder (optional)
前送料(选配)

Optional Numeric system 可选配数控系统



DAC 310S
(荷兰DELEM公司)

- Servo control technology;
- Bright LCD display, 128x64 pixels;
- Backgauge, Gap or Angle control;
- Stroke length limitation;
- Actual and programmed position visualisation.
- 运用伺服控制技术;
- 128x64像素高亮度液晶显示屏;
- 刀口间隙的控制;
- 剪切长度限定;
- 后挡料实际位置与编程值同时显示。



DAC 360S
(荷兰DELEM公司)

- The panel control, high brightness LCD screen;
- Block material control, after concession functions;
- Shearing Angle control, shear clearance control;
- Shear travel control, pressure control;
- The axis can be manual movement.
- 面板控制、高亮度LCD显示屏;
- 后挡料控制、退让功能;
- 剪切角控制、剪切间隙控制;
- 剪切行程控制、压力控制;
- 各轴可手动移动。



E21S
(南京ESTUN)

- Backgauge(X axis) movement control
- Control AC motor or inverter
- Intelligent and unilateral positioning
- Work-piece counting function
- Language for Chinese/English
- Unit for mm/inch
- Double programmable digital output
- One key back-up/restore of parameters
- 40 programs stored, 25 steps per program
- 后挡料距离控制
- 控制交流电机或变频器
- 智能单边定位
- 工件计数功能
- 中英文双语界面
- 单位毫米制或英寸制
- 双路可编程数字输出
- 参数一键备份和存储
- 40个程序存储, 每道程序存储25步

QC11Y / K SERIES PARAMETER TABLE
QC11Y/K系列液压闸式剪板机技术参数

Specification 规格型号	Shearing Thickness 可剪板厚 mm	Shearing Width 可剪板宽 mm	Stroke times 行程次数 mm ⁻¹	Backgauge Rang 后挡料行程 mm	Shearing Angle 剪切角度 (°)	Main Power 电机功率 kW	Overall dimensions 外形尺寸 (L x W x H)(mm)
6 x 2500	6	2500	16~35	20~600	30' ~1° 30'	7.5	3200x1500x2100
6 x 3200	6	3200	14~35	20~600	30' ~1° 30'	7.5	3900x1580x2150
6 x 4000	6	4000	10~30	20~600	30' ~1° 30'	7.5	4700x1650x2250
6 x 5000	6	5000	10~30	20~800	30' ~1° 30'	11	5700x1800x2380
6 x 6000	6	6000	8~25	20~800	30' ~1° 30'	11	6700x2000x2650
8 x 2500	8	2500	14~30	20~600	30' ~2°	11	3200x1550x2150
8 x 3200	8	3200	12~30	20~600	30' ~2°	11	3950x1750x2350
8 x 4000	8	4000	10~25	20~600	30' ~2°	11	4700x1800x2480
8 x 5000	8	5000	10~25	20~800	30' ~2°	15	5700x1950x2600
8 x 6000	8	6000	8~20	20~800	30' ~2°	15	6700x1980x2650
12 x 2500	12	2500	12~25	20~800	30' ~2°	15	3250x1680x2250
12 x 3200	12	3200	12~25	20~800	30' ~2°	15	3980x1800x2550
12 x 4000	12	4000	8~20	20~800	30' ~2°	15	4800x1950x2650
12 x 5000	12	5000	8~20	20~1000	30' ~2°	22	5800x2150x2700
12 x 6000	12	6000	6~20	20~1000	30' ~2°	30	6800x2450x2900
16 x 2500	16	2500	12~20	20~800	30' ~1° 30'	22	3280x1830x2520
16 x 3200	16	3200	12~20	20~800	30' ~1° 30'	22	3950x1950x2650
16 x 4000	16	4000	8~15	20~800	30' ~1° 30'	22	4800x1970x2700
16 x 5000	16	5000	8~15	20~1000	30' ~1° 30'	30	5800x2250x2870
16 x 6000	16	6000	6~15	20~1000	30' ~1° 30'	37	6800x2450x3150
20 x 2500	20	2500	10~20	20~800	30' ~3°	30	3400x2260x2520
20 x 3200	20	3200	10~20	20~800	30' ~3°	30	4100x2300x2700
20 x 4000	20	4000	8~15	20~800	30' ~3°	30	4900x2500x2880
20 x 5000	20	5000	8~15	20~1000	30' ~3°	37	5900x2750x2980
20 x 6000	20	6000	6~15	20~1000	30' ~3°	37	6900x2850x3200
25 x 2500	25	2500	8~15	20~800	30' ~1° 30'	37	3420x2400x2650
25 x 3200	25	3200	8~15	20~800	30' ~1° 30'	37	4150x2500x2750
25 x 4000	25	4000	6~12	20~1000	30' ~1° 30'	37	4900x2600x2950
30 x 2500	30	2500	6~12	20~1000	30' ~4°	55	3450x2600x2750
30 x 3200	30	3200	8~12	20~1000	30' ~4°	55	4150x2700x2850
30 x 4000	30	4000	8~12	20~1000	30' ~4°	55	4900x2900x3100
40 x 2500	40	2500	4~10	20~1000	30' ~4°	55	4000x2950x3150
40 x 3200	40	3200	4~10	20~1000	30' ~4°	55	4900x3050x3680

Sorry no notice if parametre change! 样本参数如有更改恕不另行通知!

Q11 系列机械剪板机

Q11 SERIES MECHANICAL SHEARING MACHINE



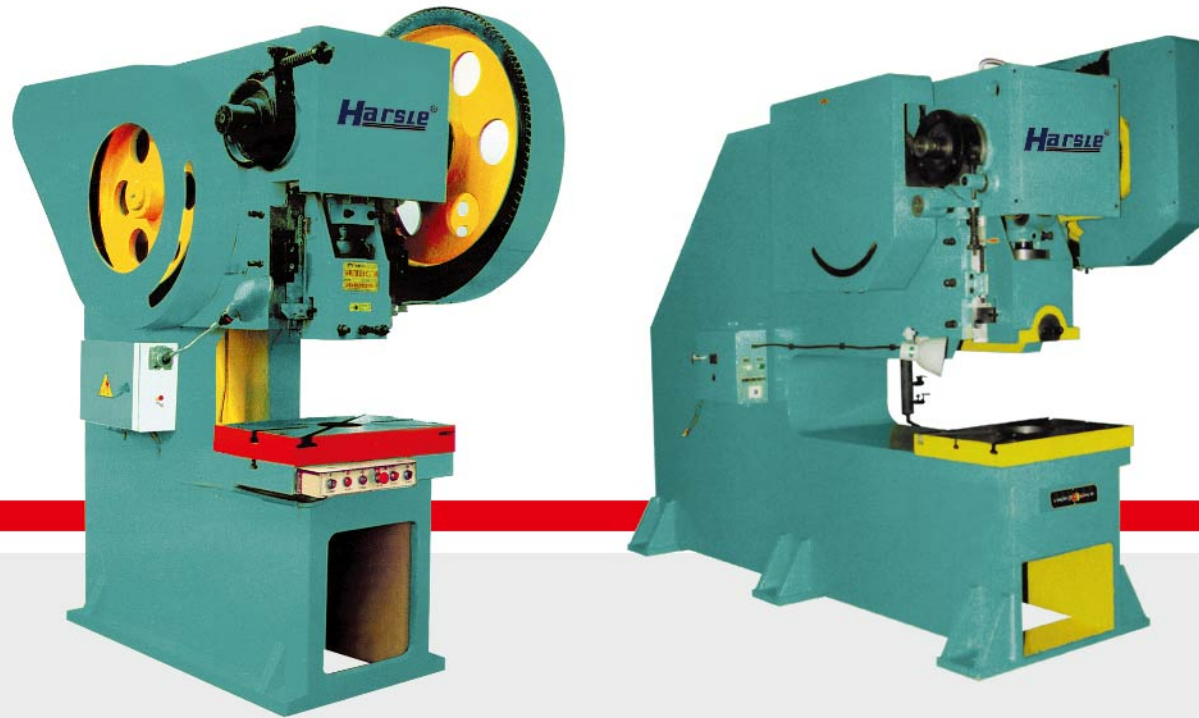
Technical parameters 技术参数

Product Name 产品名称	(Upper transmisson) mechanical shears (上传动) 机械剪板机							(Lower transmisson) mechanical shears (下传动) 机械剪板机						
	Model Specifications 型号规格	Q11-6x2000	Q11-8x2000	Q11-6x2500	Q11-8x2500	Q11-13x2500	Q11-16x2500	Q11-20x2500	Q11-3x1300	Q11-3x1500	Q11-4x2000	Q11-4x2500	Q11-6.3x2000	
Max cutting thickness 可剪最大板厚	mm	6	8	6	8	13	16	20	3	3	4	4	6.3	
Max cutting width 可剪最大板宽	mm	2000	2000	2500	2500	2500	2500	2500	1300	1500	2000	2500	2000	
Sheet Strength 板料强度	Mpa	≤500	≤500	≤500	≤500	≤500	≤500	≤470					≤500	
Throat Depth 喉口深度	mm	210	210	210	210	250	250	300						
Shear angle 剪切角度		2° 30'	2° 30'	2° 30'	2° 30'	3°	3°	3°	2° 25'	2° 25'	2° 30'	2°	2°	
Cutting times for every minute 可剪次数	min ⁻¹	10	10	10	10	11	11	6						
Travel times 行程次数	min ⁻¹	37	37	37	37	30	30	20	20	20	20	20	24	
Flywheel speed 飞轮转速	r/min	335	335	335	335	970	970	980						
Binder force 压料力	kN	15	18	15	18	25	30	96						
Column distance 立柱间距	mm	2040	2040	2540	2540	2540	2540	2622						
Max distance for backgauge 后挡料最大距离	mm	460	460	460	460	460	460	800	350	350	500	500	500	
Blades length 刀板长度	mm	2032	2032	2540	2540	2540	2540	2550						
Workbench distance from the ground 工作台离地面距离	mm	650	650	650	650	680	680	675					905	
Model 型号		Y160M-6	Y160L-6	Y160M-6	Y160L-6	Y180L-6	Y220L2-6	Y225M-6						
Electric motor 电动机	Power 功率	kW	7.5	11	7.5	11	15	22	30	3	3	5.5	5.5	7.5
Speed 转速	r/min	970	970	970	970	970	970	980						
Dimensions 外形尺寸	Length 长	mm	3050	3050	3550	3550	3595	3749	2115	2515	3200	3580	3175	
Width 宽	mm	2170	2170	2170	2170	2160	2160	3574	1500	1500	1300	1300	1765	
Height 高	mm	2115	2115	2115	2115	2440	2440	2590	1400	1400	1610	1610	1530	

Sorry no notice if parametre change! 样本参数如有更改恕不另行通知!

J21S 系列深喉口固定台压力机

SERIES DEEP-THROAT POWER PRESS WITH FIXED WORKTABLE



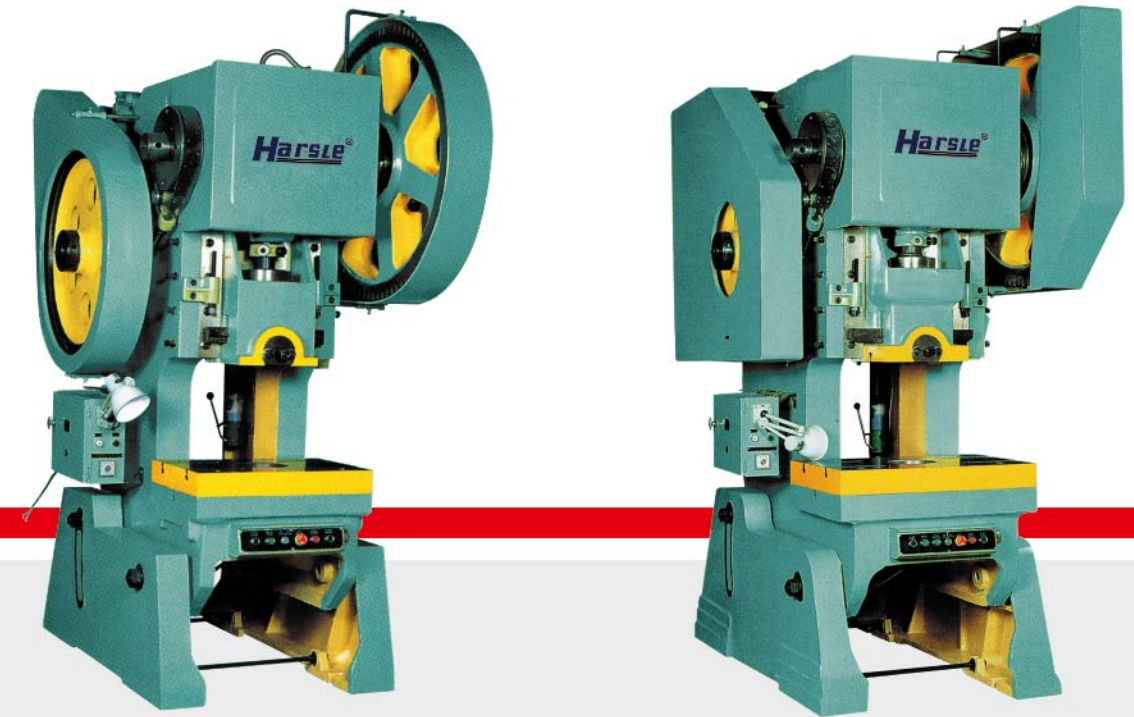
Technical parameters 技术参数

Item 型号	Unit	J21S-10T	J21S-16T	J21S-25T	J21S-40T	J21S-63T	J21S-80T	J21S-100T	J21S-125T	J21S-160T	
Nominal Force 公称力	KN	100	160	250	400	630	800	1000	1250	1600	
Slide Stroke 滑块行程	mm	50	60	70	100	100	115	130	130	130	
Number of Stroke 行程次数	Times/min	140	100	70	50	50	45	38	40	35	
Closed Height 封闭高度	mm	200	250	290	380	380	410	590	420	410	
Closed Height Adjustment 封闭高度调节量	mm	40	40	40	60	60	60	100	60	80	
Throat Depth 喉口深度	mm	420	500	500	500	500	500	500	500	500	
Column Distance 立柱间距离	mm	170	200	230	320	350	360	400	430	330	
Table Size 工作台尺寸	Front and back 前后	mm	230	280	330	420	450	500	600	650	600
	Left and right 左右	mm	370	450	530	640	700	750	900	1000	980
Slide bottom size 滑块底面尺寸	Front and back 前后	mm	100	130	170	190	220	250	280	350	340
	Left and right 左右	mm	145	180	200	250	310	300	425	380	420
Shouk Dimension 模柄孔尺寸	Diameter 直径	mm	30	35	40	50	50	60	70	80	
	Depth 深度	mm	50	60	60	100	100	100	100	100	110
Thickness of table 工作台厚度	mm	30	40	45	70	80	90	100	110	110	
Dimension 外形尺寸	Front and back 前后	mm	1200	1400	1600	1800	1900	1790	2100	2200	2100
	Left and right 左右	mm	600	780	830	1100	1200	1300	1300	1500	1600
	Height 高度	mm	1500	1720	1950	2300	2400	2600	2650	2800	2900
Motor 电动机	Kw	1.5	2.2	2.2	3.0	4.0	7.5	7.5	11	15	
Weight 重量	kg	450	700	1400	2800	3700	4800	5900	8300	11000	

Sorry no notice if parametre change! 样本参数如有更改恕不另行通知!

J23 系列开式可倾压力机

SERIES OPEN-TYPE TILTING POWER PRESS



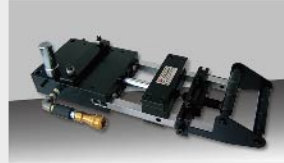
Technical parameters 技术参数

Item 型号	Unit	J23-6.3T	J23-10T	J23-16T	J23-25T	J23-40T	J23-63T	J23-80T	J23-100T	J23-125T	J23-160T	
Nominal Force 公称力	KN	63	100	160	250	400	630	800	1000	1250	1600	
Slide Stroke 滑块行程	mm	35	50	60	70	100	100	115	130	130	130	
Number of Stroke 行程次数	Times/min	150	140	100	70	50	50	45	38	40	35	
Closed Height 封闭高度	mm	200	200	250	290	380	380	410	590	420	410	
Closed Height Adjustment 封闭高度调节量	mm	30	40	40	40	60	60	60	100	60	80	
Throat Depth 喉口深度	mm	130	130	180	200	250	280	280	320	320	360	
Column Distance 立柱间距离	mm	160	170	200	230	320	350	360	400	430	330	
Table Size 工作台尺寸	Front and back 前后	mm	200	230	280	330	420	450	500	600	650	600
	Left and right 左右	mm	350	370	450	530	640	700	750	900	1000	980
Slide bottom size 滑块底面尺寸	Front and back 前后	mm	140	100	130	170	190	220	250	280	350	340
	Left and right 左右	mm	140	145	180	200	250	310	300	425	380	420
Shouk Dimension 模柄孔尺寸	Diameter 直径	mm	30	30	35	40	50	50	60	60	70	80
	Depth 深度	mm	45	50	60	60	100	100	100	100	100	110
Thickness of table 工作台厚度	mm	30	30	40	45	70	80	90	100	110	110	
Dimension 外形尺寸	Front and back 前后	mm	700	740	900	1000	1400	1500	1600	1800	1900	1800
	Left and right 左右	mm	550	600	780	830	1100	1200	1300	1300	1500	1600
	Height 高度	mm	1450	1500	1720	1950	2300	2400	2600	2650	2800	2900
Motor 电动机	Kw	1.1	1.5	2.2	2.2	3.0	4.0	7.5	7.5	11	15	
Weight 重量	kg	300	350	700	1100	2400	3100	4000	5000	7300	9600	

Sorry no notice if parametre change! 样本参数如有更改恕不另行通知!

JH21 系列干式离合、液压保险开式固定台气动冲床

JH21 PNEUMATIC PRESS WITH DRY CLUTCH HYDRAULIC OVERLOAD PROTECTOR



Air feeder 气动送料器



Servo Feeder 伺服送料器



整平料架 Uncoiler leveller



3 in 1 feeding system
三合一送料系统

Technical parameters 技术参数

Specifications 技术参数		R 代号	Unit 单位	JH21-25	JH21-45	JH21-60	JH21-80	JH21-100	JH21-125	JH21-160	JH21-200	JH21-250	JH21-315	JH21-400
Nominal Capacity 滑块公称力	Pe	KN		250	450	600	800	1000	1250	1600	2000	2500	3150	4000
Nominal 公称力行程	Sp	mm		3	4	4	5	5	6	6	6	6	7	8
Slide Stroke 滑块行程	S	mm		80	120	140	160	160	180	200	220	220	220	250
Slide Strokes Per Minute 行程次数	Fixed 固定	n	Times/min	100	80	70	60	55	50	45	45	30	30	30
	Variable 可变	n	Times/min	60-100	50-80	45-70	40-60	40-70	35-50	30-45	25-45	20-30	20-30	20-30
Maxium Die Set Height 最大装模高度	H2	mm		250	270	300	320	335	350	400	450	500	500	550
Die Height Adjustment 装模高度调节量	t	mm		50	60	70	80	90	90	100	110	120	120	120
Throat Depth 滑块中心至机身距离	C1	mm		210	225	270	310	330	350	400	430	450	450	490
Distance Between Uprights 立柱距离	d1	mm		450	515	560	610	670	670	736	910	980	980	1050
Slide Bottom Size 滑块底面尺寸	L x R 左右	a	mm	360	410	480	540	620	620	700	880	950	950	1020
	F x B 前后	b	mm	250	340	400	460	520	520	580	650	700	700	750
Bolster Thickness 模柄孔尺寸	Dia 直径	d	mm	40	50	50	50	70	70	70	70	70	70	70
	Depth 深度	l	mm	65	60	70	65	90	90	100	100	130	130	130
Bolster Size 工作台板尺寸	L x R 左右	C	mm	720	825	930	950	1060	1100	1175	1390	1500	1540	1700
	F x B 前后	D	mm	400	440	520	600	640	680	760	840	880	880	950
Blanking hole diameter 落料孔直径	φ	mm		150	150	150	180	180	200	220	250	270	290	
Bolster Thickness 工作台板厚度	H3	mm		80	110	130	140	145	155	165	180	190	190	210
Bolster Surface Height 工作台离地面距离	H1	mm		780	800	900	900	900	900	900	1000	1000	1000	1100
Overall Dimensions 外形尺寸	F x B 前后	A	mm	1496	1585	1540	1765	2000	2040	2305	2600	2660	2720	2850
	L x R 左右	B	mm	945	1075	1200	1200	1300	1320	1420	1540	1640	1680	1750
	H 高	H	mm	2120	2391	2570	2725	3010	3035	3215	3800	3850	3850	4140
Distance Between Foundation Bolts 地脚螺栓距离	F x B 前后	b'	mm	980	1075	1100	1210	1365	1430	1665	2020	2100	2140	2185
	L x R 左右	a'	mm	690	760	840	920	1020	1040	1140	1360	1460	1500	1570
Motor 电动机 Power 功率		KW		3	5.5	5.5	7.5	7.5	11	15	18.5	22	30	37
Weight (Approximate) 重量		Kg		2450	3550	5150	6450	8650	9550	13600	19200	23200	26600	29500
Press Pressure 压机气压		Mpa												0.5

Sorry no notice if parametre change! 样本参数如有更改恕不另行通知!

防盗门液压机 STEEL DOOR EMBOSsing MACHINE



Technical parameters 技术参数

Item 项目名称	Unit	Y27 Door Embossing Machine Y27防盗门液压机					
		6000T	4500T	3600T	3000T	2500T	2000T
Nominal Capacity 公称力	KN	60000	45000	36000	30000	25000	20000
Return Force 回程力	KN	500	435	435	435	425	425
Max.Pressure of Main Cylinder 主缸最大压力	MPa	25	25	25	25	25	25
Ram Stroke 滑块行程	mm	500	500	500	500	500	500
Max.Opening Height 最大开启高度	mm	600	600	600	600	600	600
Stroke Speed of Slide 滑块行程速度	Descent 快下	mm/s	100-120	100-120	100-120	100-120	100-120
	Pressing 工作	mm/s	8-12	8-12	8-12	8-12	8-12
	Return 回程	mm/s	100-120	100-120	100-120	100-120	100-120
Dimension of Working Table 工作台尺寸	Left-Right 左右	mm	2100	2000	1600	1500	1480
	Front-Back 前后	mm	4000	3000	2600	2500	2500
Motor Power 电机功率	KW	110	100	90	60	52	44

Sorry no notice if parametre change! 样本参数如有更改恕不另行通知!

Y32 系列四柱液压机

SERIES FOUR-COLUMN HYDRAULIC PRESS

Features 性能特点

- Lower power consumption and high sealing reduced the production costs.
- The structure is simple, and the operation is simple.
- Full-scale security protection and noise reduction processing provide a high-quality working environment.
- 低电耗，高密封性，降低生产成本。
- 结构简洁，操作简单。
- 全面安全防护和降噪处理，提供优质生产环境。

Application Fields 适用领域

- This series of hydraulic press used for metal drawing, bending, flanging, cold extrusion, blanking or punching, and so on, also applies to adjusting, pressing and all kinds of powder and plastic products forming.
- 本系列液压机用于金属材料的简单拉伸、弯曲、翻边、冷挤、冲裁等工艺，还适用于校正、压装以及各类粉末和塑料制品的成形。



Technical parameters 技术参数

Item 项目	Unit 单位	Y32-63	Y32-100	Y32-160	Y32-200	Y32-250	Y32-315	Y32-400	Y32-500	
Nominal force 公称力	KN	630	1000	1600	2000	2500	3150	4000	5000	
Knockout force 顶出力	KN	160	250	250	400	630	630	630	1000	
Daylight 开口高度	mm	800	800	1000	1120	1120	1250	800	1500	
Slide stroke 滑块行程	mm	500	500	650	710	710	800	800	900	
Knockout stroke 顶出行程	mm	200	200	200	250	250	300	360	360	
Speed of slide 滑块速度	Descent 空程下行	mm/s	100	120	100	80	>150	120	100	>100
	Pressing 工作	mm/s	8-16	7-15	4-10	5-12	6-15	5-12	4-10	4-10
	Return 回程	mm/s	85	90	70	70	>150	65	70	50
Table area 工作台尺寸	L-R 左右	mm	550	630	800	900	2500	1200	1400	1400
	F-B 前后	mm	630	630	800	900	1400	1200	1200	1400
Table height above floor 工作台距地面高度	mm	700	700	550	550	650	700	600	500	
Overall dimension 外形尺寸	L-R 左右	mm	2370	2370	1150	3200	5400	3180	3785	4070
	F-B 前后	mm	900	900	800	900	1500	1200	1200	1648
	Height above floor 高度	mm	2770	2770	2600	4085	4740	4570	4667	5348
Motor power 电机总功率	KW	7.5	7.5	11	15	15	22	22	30	

Item 项目	Unit 单位	Y32-630	Y32-800	Y32-1000	Y32-1250	Y32-1600	Y32-2000	Y32-2500	Y32-3000	
Nominal force 公称力	KN	6300	8000	10000	12500	16000	20000	25000	30000	
Knockout force 顶出力	KN	1600	2000	2000	2000	2500	3150	4000	5000	
Daylight 开口高度	mm	1500	1500	1600	1500	1600	1800	2000	2000	
Slide stroke 滑块行程	mm	900	900	1000	900	1000	1200	1200	1200	
Knockout stroke 顶出行程	mm	360	360	450	400	450	450	500	500	
Speed of slide 滑块速度	Descent 空程下行	mm/s	>100	>100	>150	>150	>150	>150	>150	
	Pressing 工作	mm/s	5-12	5-12	4-10	4-10	4-10	4-10	5-12	
	Return 回程	mm/s	100	90	100	85	>100	160/60	≥100	120
Table area 工作台尺寸	L-R 左右	mm	2000	2000	2000	2500	2500	3000	4000	
	F-B 前后	mm	1600	1600	1800	2000	2000	2500	2600	
Table height above floor 工作台距地面高度	mm	500	300	300	200	200	200	200	200	
Overall dimension 外形尺寸	L-R 左右	mm	4390	4800	7010	5890	6500	6870	8530	
	F-B 前后	mm	2150	2854	3000	3450	3900	2500/4500	5000	4000
	Height above floor 高度	mm	5300	5400	5740	6980	7500	7500	7840	8500
Motor power 电机总功率	KW	45	60	75	60	70	90	120	170	

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Y41 系列单柱校直液压机

SERIES SINGLE COLUMN STRAIGHTENING HYDRAULIC MACHINE



Features

- The correction process - the series hydraulic machine can be used as shaft and other similar parts. Also can be used as shaft, the pressing sleeve parts and simple type of the original drawing, forming and blanking industries.
- The series hydraulic machine adopts the hand foot linkage control, simple operation.

性能特点

- 本系列液压机可作为轴类和其他类似零件的校正工艺。也可作轴、套类零件的压装和简单板型原件的拉伸、成型及落料等工业。
- 本系列液压机采用手脚联动操纵，操作简单。

Technical parameters 技术参数

Item 项目	Unit 单位	YD41-40	YD41-63	YD41-100	YD41-100A	YD41-160	YD41-200	YD41-250	YD41-315	YD41-400	YD41-630	YD41-800	YD41-1000
Nominal force 公称力	KN	400	630	1000	1000	1600	2000	2500	3150	4000	6300	8000	10000
Throat depth 喉口深度	mm	280	320	380	450	400	500	500	600	650	750	800	900
The maximum opening height 最大开启高度	mm	600	700	700	750	900	1000	1000	1600	1200	1250	1300	1600
Pressure head travel 压头行程	mm	400	500	500	500	560	600	710	710	710	800	800	1000
Length of worktable 工作台长度	L-R 左右	mm	750	850	950	1300	1100	1200	1400	1400	1800	2000	2500
	F-B 前后	mm	520	600	720	800	750	900	950	1100	1200	1500	1800
Pressure head speed 压头速度	Descent 空程下行	mm/s	110	130	75	75	75	80	80	80	60	60	120
	Pressing 工作	mm/s	9-22	6-14	7-15	7-15	7-15	10	3.7	8	7.5	3	6-12
	Return 回程	mm/s	110	125	90	90	110	80	80	100	70	70	74
Overall dimension 外形尺寸	L-R 左右	mm	1300	1400	1800	2000	1800	2500	1400	1400	1800	2000	2500
	F-B 前后	mm	750	850	950	1300	1100	1200	2000	2300	2600	4500	4000
	Height above floor 高度	mm	2100	2350	2500	2850	3100	3400	3500	3750	3800	4000	6000
Table height above floor 工作台距地面高度	mm	580	600	600	650	700	700	700	600	600	500	500	400
Main motor power 主电机功率	KW	5.5	5.5	7.5	7.5	15	22	22	37	37	37	55	55

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YL系列龙门液压机

GANTRY HYDRAULIC MACHINE



Technical parameters 技术参数

Model 型号	Nominal pressure 公称压力	System pressure 系统压力	Stroke 行程	Rate of decline 下降速度	Return speed 返程速度	Table 台面	Motor 电机
YL-100TK	1000KN	25MPa	350	16mm/s	20mm/s	440 × 650	7.5KW
YL-100T	1000KN	25MPa	350	6 mm/s	8mm/s	440 × 650	7.5KW
YL-60TK	600KN	30MPa	200	45mm/s	60mm/s	400 × 490	7.5KW
YL-60T	600KN	30MPa	200	6mm/s	8mm/s	400 × 490	2.2KW
YL-40TK	400KN	30MPa	200	45mm/s	60mm/s	400 × 460	7.5KW
YL-40T	400KN	30MPa	200	6mm/s	8mm/s	400 × 460	2.2KW
YL-20TK	200KN	25MPa	200	40mm/s	50mm/s	360 × 400	4KW
YL-20T	200KN	25MPa	200	15mm/s	23mm/s	360 × 400	2.2KW

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Q35Y 系列液压联合冲剪机

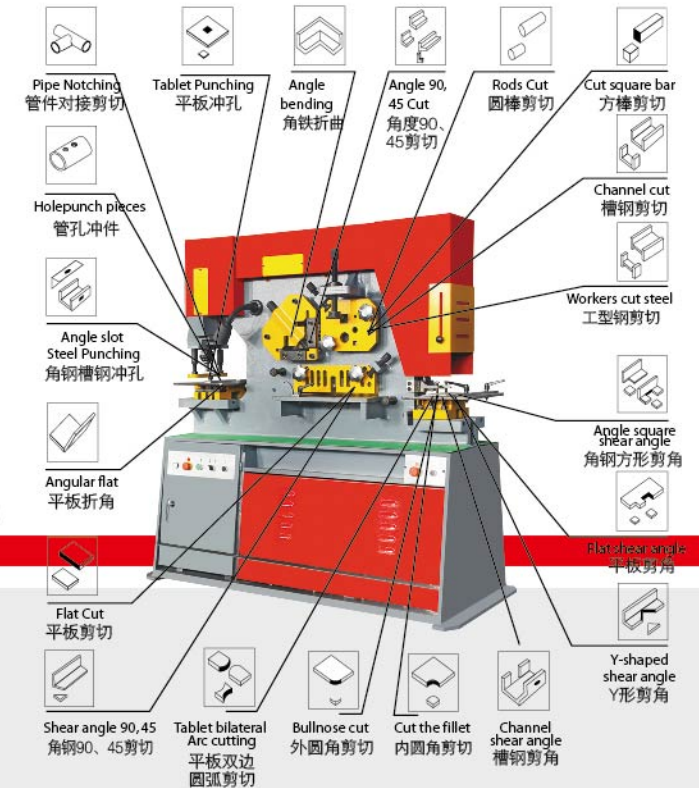
SERIES HYDRAULIC COMBINED PUNCHING & SHEARING MACHINE

Features

● Using hydraulic transmission, is China's currently latest Multi-function United punching machine products, can plate steel, square steel, round steel, angle steel, channel steel, I-beam to cut, punch, shear modulus and shear block device is equipped with .

性能特点

● 采用液压传动，是目前国内联合多功能冲剪机最新产品，能对板钢，方钢，圆钢，角钢，槽钢，工字钢进行剪切，冲孔，模剪，并配备剪切挡料装置。



I-beam and channel steel, it would take special orders 工字钢、槽钢，则需特殊订货

Profile 型钢种类	Round Bar 圆钢	Square Bar 方钢	Equal Angle 等边角钢		T-Bar T型钢		Joist 工形钢	Channel 槽钢
			90° Shearing 90° 剪切	45° Shearing 45° 剪切	90° Shearing 90° 剪切	45° Shearing 45° 剪切		
Section View 断面								
Q35Y-12	35	30 × 30	100 × 100 × 8		120 × 120 × 12	60 × 60 × 8	10#	10#
Q35Y-16	45	40 × 40	120 × 120 × 12	70 × 70 × 8	140 × 140 × 12	70 × 70 × 10	126 × 74 × 5	126 × 53 × 5.5
Q35Y-20	50	45 × 45	140 × 140 × 12	70 × 70 × 10	160 × 160 × 14	80 × 80 × 10	160 × 86 × 6	160 × 60 × 6.5
Q35Y-25	60	50 × 50	160 × 160 × 14	80 × 80 × 7	180 × 180 × 16	80 × 80 × 10	200 × 102 × 9	200 × 75 × 9
Q35Y-30	65	55 × 55	180 × 180 × 16	80 × 80 × 10	200 × 200 × 18	80 × 80 × 10	280 × 124 × 10.5	280 × 86 × 11.5
Q35Y-40	70	60 × 60	200 × 200 × 18	100 × 100 × 10	220 × 220 × 18	80 × 80 × 10	300 × 126 × 11	300 × 89 × 12
Q35Y-50	80	65 × 65	200 × 200 × 20	120 × 120 × 16	240 × 240 × 18	80 × 80 × 10	320 × 130 × 10	320 × 92 × 12

Model 型号	Punching Pressure (T) 压力	Max. cutting thickness of steel plates (mm) 可剪最大板厚	Plate strength (N/mm²) 板料强度	Angle of Shear (°) 剪切角	A trip size (T × W) (mm) 一次行程剪板尺寸 (厚 × 宽)	Slider trip (mm) 滑块行程	Trips frequency (times/min) 行程次数	Throat depth (mm) 喉口深度	Punch depth (mm) 冲孔厚度	Max punching diameter (mm) 最大冲孔直径	Main Motor Power (KW) 主电机	Overall dimensions (L × W × H) (mm) 外形尺寸 (长 × 宽 × 高)
Q35Y-12	50	12	≤450	7°	300 × 12	35	10-18	115	12	25	4	950 × 550 × 1800
Q35Y-16	60	16	≤450	7°	16 × 250 8 × 400	80	9-25	300	16	25	5.5	1640 × 730 × 1770
Q35Y-20	90	20	≤450	8°	20 × 330 10 × 480	80	12-28	355	20	30	7.5	1860 × 800 × 1900
Q35Y-25	120	25	≤450	8°	25 × 330 16 × 600	80	12-28	400	25	35	11	2355 × 960 × 2090
Q35Y-30	160	30	≤450	8°	30 × 335 20 × 600	80	12-28	600	28	28	11/15	2680 × 1040 × 2300
Q35Y-40	200	40	≤450	8°	35 × 400 25 × 700	80	10	600	35	40	15/18.5	2970 × 1240 × 2350
Q35Y-50	250	50	≤450	8°	40 × 400 30 × 750	80	10	600	40	40	18.5/22	3000 × 1440 × 2450

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W11 系列三辊机械卷板机

SERIES MECHANICAL PLATE ROLLING MACHINE WITH THREE ROLLERS

Features

● W11 three-roller rolling machine use mechanical driven mechanism, upper roller can be dispatched with feed roller. Special side wheel can be installed according to customers' special requirement, in order to process different kind of material, such as angle steel rolling, round steel pipe rolling and etc.

性能特点

● W11三辊卷板机，为机械升降及机械转动，上辊可分离取料电动升降起辊。并可根据客户的要求安装各种特殊旁轮从而达到卷角铁、卷圆管等异型钢材功能。



W12 系列四辊液压卷板机

SERIES HYDRAULIC PLATE ROLLING MACHINE WITH FOUR ROLLERS

Features

● W12 series four-roller plate rolling machines have a mechanically powered upper roller and pneumatic-powered lower roller and side roller and are operated by centralized electric control. It can complete the pre-deformation of both ends of the plate and the rolling of drum and arch type workpieces by only one feeding. It is capable of certain shaping and leveling and also of direct pre-bending which is both work saving and material saving.

性能特点

● W12系列四辊卷板机，上辊旋转为机械转动，下辊和侧辊升降为液压传动，操作采用电气集中控制，该机一次上料能完成板料两端的预弯及卷制筒形、弧形工件，还可以对金属板料进行一定的整形和校平工作，有直接预弯、省事、省料之功效。



W11 SERIES PARAMETER TABLE
W11系列三辊机械卷板机参数表

Type 型号	Maximum thickness 最大厚度 (mm)	Maximum width for rolling 最大卷板宽度 (mm)	Plate yield limit 板材屈服极限 (mpa)	Rolling speed 卷板速度 (m/min)	Minimum diameter 直径最低限度 (mm)	Upper roller Diameter 上辊直径 (mm)	Bottom roller Diameter 下辊直径 (mm)	Center distance of two lower rollers 两下辊中心距 (mm)	Main power 主电源 (KW)	Dimension(L*W*H) 外形尺寸 (长*宽*高) (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	4550x1350x1610
W11-12x2000	12	2000	245	5.5	500	240	200	310	11	4050x1350x1610
W11-12x2500	12	2500	245	5.8	650	260	220	340	15	4550x1350x1610
W11-12x3000	12	3000	245	6	750	300	240	360	22	5550x1400x1700
W11-16x2000	16	2000	245	5.8	650	260	220	340	15	4050x1350x1610
W11-16x2500	16	2500	245	6	750	300	240	360	22	5050x1400x1700
W11-16x3200	16	3200	245	5	900	340	280	440	30	5800x1600x1900
W11-20x2000	20	2000	245	5	750	300	240	360	22	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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W12 SERIES PARAMETER TABLE
W12系列四辊液压卷板机参数表

Type 型号	Maximum Thickness of pre-bending 预弯最大厚度 (mm)	Maximum thickness for rolling 卷板最大厚度 (mm)	Maximum width for rolling 最大卷板宽度 (mm)	Plate yield limit 板材屈服极限 (mpa)	Rolling speed 卷板速度 (m/min)	Diameter of up roller 上辊直径 (mm)	Diameter of lower roller 下辊直径 (mm)	Diameter of side roller 侧辊直径 (mm)	Main power 主电源 (KW)
W12-6x2000	6	6	2000	265	5.5	180	180	145	5.5
W12-6x2500	6	6	2500	265	5	210	210	165	7.5
W12-8x2000	6	8	2000	265	5	215	215	165	7.5
W12-8x2500	6	8	2500	265	5	230	230	180	7.5
W12-12x2000	10	12	2000	265	5	260	260	200	11
W12-12x2500	10	12	2500	265	5	280	280	220	15
W12-16x2000	12	16	2000	265	5	280	280	220	15
W12-16x2500	12	16	2500	265	5	330	330	260	22
W12-16x3200	12	16	3200	265	5	360	360	280	30
W12-20x2000	16	20	2000	265	5	330	330	260	22
W12-20x2500	16	20	2500	265	5	360	360	280	30
W12-25x2000	16	25	2000	265	5	360	360	280	30
W12-25x2500	20	25	2500	265	4.5	410	400	320	37
W12-30x2000	25	30	2000	265	4.5	410	400	320	37
W12-30x2500	25	30	2500	265	4.5	470	470	290	45
W12-30x3000	25	30	3000	265	4.5	560	520	420	55
W12-40x2500	35	40	2500	265	4.5	560	520	420	55
W12-40x3000	36	40	3000	265	4	650	580	480	60
W12-50x2500	40	50	2500	265	4	650	620	500	60
W12-50x3000	40	50	3000	265	3.5	720	650	520	75
W12-60x3000	50	60	3000	265	3.5	750	710	560	90

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立式打包机 VERTICAL BALER



Technical parameters Y82-30T 技术参数

Bale Size 打包体积	L900 × W600(mm)
Work Pressure 工作压力	300 Kn
Motor Power 电机功率	7.5 Kw
Max Overall Dimension 最大外形尺寸	L1200 × W1000 × H3150 × (mm)
Total Weight 整机重量	1800 Kg

Technical parameters Y82-80T 技术参数

Bale Size 打包体积	L1000 × W650(mm)
Work Pressure 工作压力	800 Kn
Motor Power 电机功率	11 Kw
Max Overall Dimension 最大外形尺寸	L1600 × W1350 × H3550 × (mm)
Total Weight 整机重量	3280 Kg



Export-oriented technical parameters Y82-100T 出口型技术参数

Bale Size 打包体积	L1250W × 1100(mm)
Work Pressure 工作压力	1000 Kn
Motor Power 电机功率	18.5 Kw
Max Overall Dimension 最大外形尺寸	L1840 × W1500 × H3550(mm)
Total Weight 整机重量	4000 Kg

Export-oriented technical parameters Y82-150T 出口型技术参数

Bale Size 打包体积	L1100 × W1250(mm)
Work Pressure 工作压力	1500 Kn
Motor Power 电机功率	22 Kw
Max Overall Dimension 最大外形尺寸	L2000 × W1900 × H3846(mm)
Total Weight 整机重量	4200 Kg

Q43Y 系列鳄鱼式液压剪断机 SERIES HYDRAULIC CROCODILE-CUTTING MACHINE

Features

Q43Y series Hydraulic Crocodile-cutting machine is mainly used in the field of processing scrap metal in the casting & smelting industry, such as the dismantling abandoned cars. And it can cut different kinds of the metal in cold situation, for instance, the round steel, the square steel, steel plate, channel steel, angle steel.

- hydraulic press system is adopted in the machine. So it can be operated flexibly but safely, with low-noise and strong cutting press.
- The machine is controlled by both of the electric and hydraulic system, so it can be easily operated and controlled. The machine can be worked and stopped in emergency at any position and it can be changed between the single cutting and continuous cutting freely.
- Foundation bolt can be fixed in the machine, so the matching diesel engine can be supplied for those who has no access to electric power.
- Lifetime vulnerability accessories can be provided to customers, also with the lifetime after-sales service.



Q43Y-80 Series Hydraulic Crocodile-cutting Machine
Q43Y-80系列鳄鱼式液压剪断机

性能特点

Q43Y系列鳄鱼式液压剪断机主要用于废金属加工行业、报废汽车拆解场、冶炼铸造行业，对各种断面金属：圆钢、方钢、钢板、槽钢、角钢、工字钢及构件实施冷态剪切，加工成合格炉料。

- 该机采用液压传动，具有占地小、噪音低、运行平稳、剪切力大、操作灵活、安全等优点，整个系统实现液压过载保护。
- 该机采用电气、液压联控，控制和操作非常方便，剪切可在任何位置启动或急停，单次或连续剪切可随意更换。
- 安装不须用地脚螺丝，对于无电源的用户，厂方可配供柴油机系统作动力。
- 本公司对出厂产品终身提供易损配件，并提供优质的售后服务。



Q43Y-250 Series Hydraulic Crocodile-cutting Machine
Q43Y-250系列鳄鱼式液压剪断机

Model 型号	Max. cutting force 最大剪切力(kN)	Max. holding force 最大压料力(kN)	Max. opening 最大张口(mm)	Opening length 刀口长度(mm)	Cutting times 剪切次数 (min ⁻¹)	Cutting dimension 剪切尺寸(mm)	Total power 总功率(kW)	Operation methods 操作方式
Q43Y-63A	630	120	200	400	8-20	30 × 30(φ35)	7.5	Feed by hands, Manual or auto operation 人工送料, 手动或自动操作
Q43Y-63B	630	120	280	600	8-20	30 × 30(φ35)	7.5	
Q43Y-63C	630	120	360	800	8-20	30 × 30(φ35)	7.5	
Q43Y-100	1000	160	280	600	8-20	40 × 40(φ45)	11	
Q43Y-120	1200	200	280	600	8-20	45 × 45(φ50)	15	
Q43Y-160	1600	250	320	700	8-20	55 × 55(φ63)	18.5	
Q43Y-200	2000	250	380	1000	12-20	65 × 65(φ75)	22	
Q43Y-250	2500	260	480	1000	12-20	70 × 70(φ80)	30	
Q43Y-315	3150	420	520	1200	12-20	80 × 80(φ90)	37	
Q43Y-400	4000	420	520	1200	12-20	90 × 90(φ100)	44	

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Y81 系列金属打包液压机

SERIES HYDRAULIC METAL BALERS

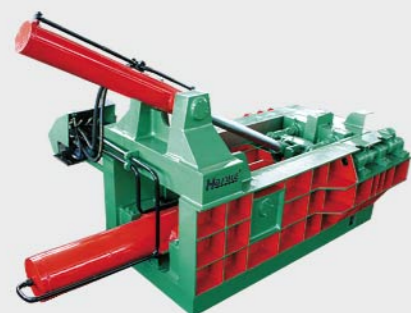


Descriptions

- Y81 series hydraulic metal balers can press all kinds of rim leftovers such as the steel shavings, steel scrap, waste aluminium, automobile waste and scrap stainless steel into the shape of cuboid, octagon, cylinder and so on, which are qualified furnace. In this way, not only the freight and smelting costs will decrease, but also the speed of casting will raise.
- This series of machine is mainly applied in steel mills, recycling industries and ferrous metallurgical industries.

概述

- Y81系列金属打包液压机可将各种金属边角料（钢刨花、废钢、废铝、废铜、废不锈钢以及报废汽车废料等）挤压成长方体、八角形体、圆柱体等各种形状的合格炉料。即可降低运输和冶炼成本，又可提高投炉速度。
- 该系列打包机主要适用于钢厂、回收加工行业及有色、黑色金属冶炼行业。

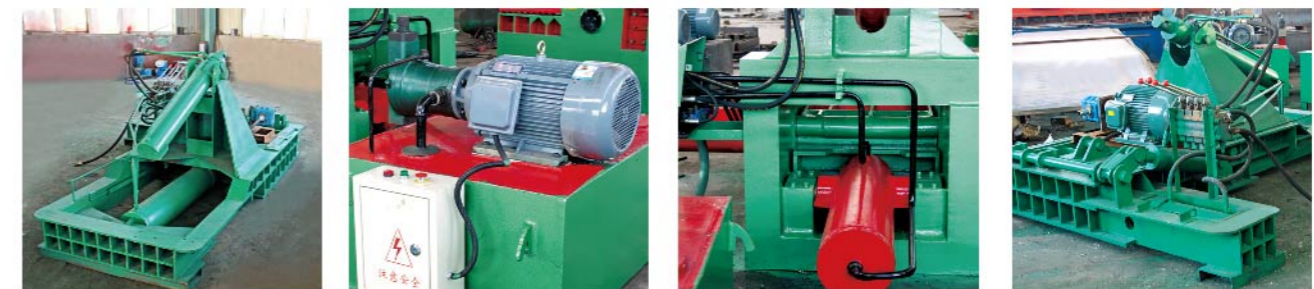


Features:

- This series of machine adopts hydraulic-driven system, with the option of alternatives of manual and automatic control.
- Bale-discharging alternatives: turn out, push out, forward by automatic discharging or manual discharging.
- Fang bolts are not needed when installation, diesel engine can be used as power when electric power is unavailable.
- Ten grades of balling force from 63 to 400 tons can be chosen, the size of baler can be customized according to clients' requirements.

性能特点:

- 所有机型均采用液压驱动，可选择手动或自动控制操纵；
- 出料形式可选择翻包、推包或人工取包等不同方式；
- 安装无须地脚螺丝，在无电源的地方，可采用柴油作动力；
- 特压力从63吨至400吨有十个等级，压缩室尺寸和包块形状尺寸可根据用户要求设计定制。



Y81 SERIES TECHNICAL DATA SHEET

Y81系列金属打包液压机技术参数

Type 型号	Nominal Force 公称压力 (KN)	Compression (L x W x H) 压缩室尺寸 (长 x 宽 x 高) (mm)	Bale size (W x H) 包块尺寸 (宽 x 高) (mm)	Bale Density 包块密度 (kg/m ²)	Capacity 生产效率 (kg/h)	single cycle time 次循环时间 (Sec)	Power 配用功率 (KW)	Bale Discharging /Operation 出包/操作方式
Y81-63	630	1000 x 600 x 500	(180-250) x 190 x 190	≥ 1800	500-1000	90	7.5	
Y81-100	1000		(200-300) x 200 x 200 或八角 (Octagon)	≥ 1800	1000-1200	120	11	Turn-out, hand valve control 翻包/手动阀操作
Y81-125	1250	1200 x 700 x 600 1150 x 700 x 600	(150-400) x 250 x 250 或八角 (Octagon)	≥ 1800	1000-1500	120	11 or 15	
Y81/T-100	1000	1200 x 600 x 600	(250-400) x 240 x 240 或八角 (Octagon)	≥ 1800	1200-1500	120	15	Push-out, hand valve control 推包/手动阀操作
Y81/T-125 Y81/T-125Z	1250	1200 x 700 x 600 1400 x 700 x 700	(250-450) x 240 x 240 (250-450) x 300 x 300	≥ 1800	1500-2000	80	18.5	Push-out, hand valve control, PLC semi-automatic 推包/手动阀操作, PLC控制 半自动操作
Y81Q-135	1350	1050 x 600 x 600 1300 x 600 x 600	(50-300) x 600 x 240	≥ 1800	1800-2500	150	18.5 22	Forward-out, hand valve control 前出包/手动阀操作
Y81-150	1500	900 x 550 x 500	Φ 135 x 500	≥ 1800	500-800	120	15	Manual discharging, electric control 人工电动操作
Y81-160	1600	1600 x 1000 x 800	(400-600) x 350 x 350 (400-600) x 400 x 400	≥ 1800	2000-3000	150	22	Turn-out, hand valve control 翻包/手动阀操作
Y81-160A	1600	1600 x 1000 x 800	(400-600) x 350 x 350 (400-600) x 400 x 400 或八角 (Octagon)	≥ 1800	2000-3000	150	22	Push-out, hand valve control 推包/手动阀操作
Y81-160B	1600	1600 x 1000 x 800	(400-600) x 400 x 400 (400-650) x 400 x 400	≥ 1800	2000-3000	160	30	
Y81-200A	2000	1600 x 1000 x 800	(400-700) x 400 x 400	≥ 1800	2500-4000	160	30 or 37	Push-out, PCL semi-automatic control 推包/PLC控制 半自动操作
Y81-200B	2000	1800 x 1400 x 900	(400-700) x 400 x 400	≥ 1800	2500-4500	160	30 or 37	
Y81-250A	2500	2000 x 1400 x 1200	(400-700) x 450 x 450	≥ 1800	3500-5000	160	40 or 60	Push-out, PCL semi-automatic control 推包/PLC控制 半自动操作
Y81-250B	2500	2000 x 1750 x 1200	(400-700) x 500 x 500	≥ 1800	3500-5000	160	60	
Y81-315A	3150	2000 x 1400 x 1200	(400-700) x 450 x 450	≥ 1800	3500-5000	160	60	Push-out, PCL semi-automatic control 推包/PLC控制 半自动操作
Y81-315B	3150	2000 x 1750 x 1200	(400-700) x 500 x 600	≥ 1800	4000-5000	160	60 or 66	
Y81-400A	4000	2000 x 1600 x 1200	(400-700) x 500 x 600	≥ 1800	5000-6500	160	66	Push-out, PCL semi-automatic control 推包/PLC控制 半自动操作
Y81-400B	4000	2000 x 2000 x 1200	(400-700) x 500 x 600	≥ 1800	5000-7000	160	110	

Sorry no notice if parametre change! 样本参数如有更改恕不另行通知!

