



# ZHONGYOU HEAVY INDUSTRY MACHINERY EQUIPMENT

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# COMPANY HONOR

实力的象征  
信誉的载体



## CE CERTIFICATE



## Press Patent



## ISO CERTIFICATE



CNC vertical lathe hydraulic chuck collective standard setting unit

Animal licking salt block press machine group standard setting unit



# COMPANY PROFILE

## 公司简介

山东众友重工机械有限公司创立于2006年，坐落于山东省滕州市国家级经济开发区，主要从事液压机床的研发制造，公司拥有自主生产场地40000平方米，配备重型液压机制造连跨厂房及超重型装配地坑，拥有重型数控加工机床及镗、铣、磨床、数控等离子切割、焊接机器人等先进设备，可进行大、重型液压设备核心部件的自主加工，公司现有起吊能力100吨以上的生产车间，具备万吨级特大型液压机的加工、装配能力。

众友机床已通过了ISO质量管理体系认证、欧盟CE安全体系认证，产品出口到欧洲、美洲、亚洲、大洋洲及非洲等50余个国家和地区，拥有多项产品专利及荣誉证书，是一家持续创新的企业。

公司注重科技进步，建有与自身发展相适应的技术中心，拥有专业高级工程师及技术人员从事各种液压专机的研发，具有优秀的研发能力，并为客户提供个性化、多样化、系统化液压机床配套设计方案，并与国内多个研究院所及国外多家著名品牌公司合作，以使公司在技术上始终保持与国际接轨国内领先的技术优势。

公司在重视产品质量的同时，不断优化客户服务和开展科技创新，为满足客户要求而不懈努力，众友愿与各界朋友携手共进，共创美好明天！



Established in Year 2006, Zhongyou Heavy Industry Machinery Equipment Co., Ltd. is a professional designer and manufacturer, specialize in four-column hydraulic presses, frame hydraulic presses, C frame hydraulic presses, hydraulic punching machine, ect.

Our factory has more than 100 employees, covers area of 40000 square meters and has 35 sets of processing equipments to produce 1000+ sets of machines annually.

For 18 years, we have served over 100 countries 20000+ clients mainly located in American, Europe, Africa, Australic etc.

As a professional manufacturer of hydraulic press machine, all of our products are with CE, SGS, ISO9001, TUV Certificate For the reasons about why choose us are:

1 Provide technical solution within 72 hours

1 Provide famous brand parts, each press been tested strictly for sure the good quality

1 Each production step processed by ourself to keep the accuracy and long life of press

Finally, we obtain 30+ patents with 18 years experience in the press Any needs for press, welcome to contact us, provide 24 hours service.



# DEVELOPMENT HISTORY

## 公司历程



2006 2008 2009 2010 2011 2013 2016 2017 2018 2019 2020 2021 2023 2024

Independent research and development of the first hydraulic press  
自主研发第一台液压机

Purchase land and factory buildings  
购置土地和厂房

Production plant expanded to 11579m<sup>2</sup>  
公司生产厂房扩建到11579m<sup>2</sup>

Start foreign trade and export  
公司开始对外贸易经营，液压机产品开始出口

Successfully developed multiple production lines  
众友液压机研发多条生产线成功并投产发售

Composite material forming production line won our city's machinery industry innovation achievement award  
众友复合材料成型液压机生产线获得本市机械行业创新成就奖

Won the honor of Shandong Province Consumer Satisfaction Unit  
获得山东省消费者满意单位

Register Lunan Zhongyou brand  
注册鲁南众友品牌

Officially established company ZHONGYOU HEAVY INDUSTRY MACHINERY EQUIPMENT CO.,LTD.  
正式成立滕州众友重工机械设备有限公司

Apply for the first special patent certificate for hydraulic press  
成功申请公司第一个液压机专项专利证书

Passed ISO quality system certification  
通过ISO质量体系认证

Passed CE safety certification, machine exported to 60+ countries  
通过了CE安全认证产品远销美洲、欧洲、非洲、中东及东南亚等国家和地区，营销网络覆盖60个国家

Won the honor of the city's consumer satisfaction unit  
获得市消费者满意单位

Won the group standard certification of cattle and sheep licking block press and CNC vertical chuck lathe  
荣获牛羊营养舔砖液压机、数控立式卡盘车床团体标准认定



# COMPANY VISION

## 公司愿景

成为客户信赖和首选的业内第一品牌。  
 用我们的产品为我们的客户和员工创造最大价值。  
 企业使命：  
 一、为全球提供一流的产品和服务。  
 二、为员工搭建人生成功的舞台。  
 核心价值观:诚信、共赢、团队、创新。  
 经营理念:品质铸就信誉，服务创造价值!

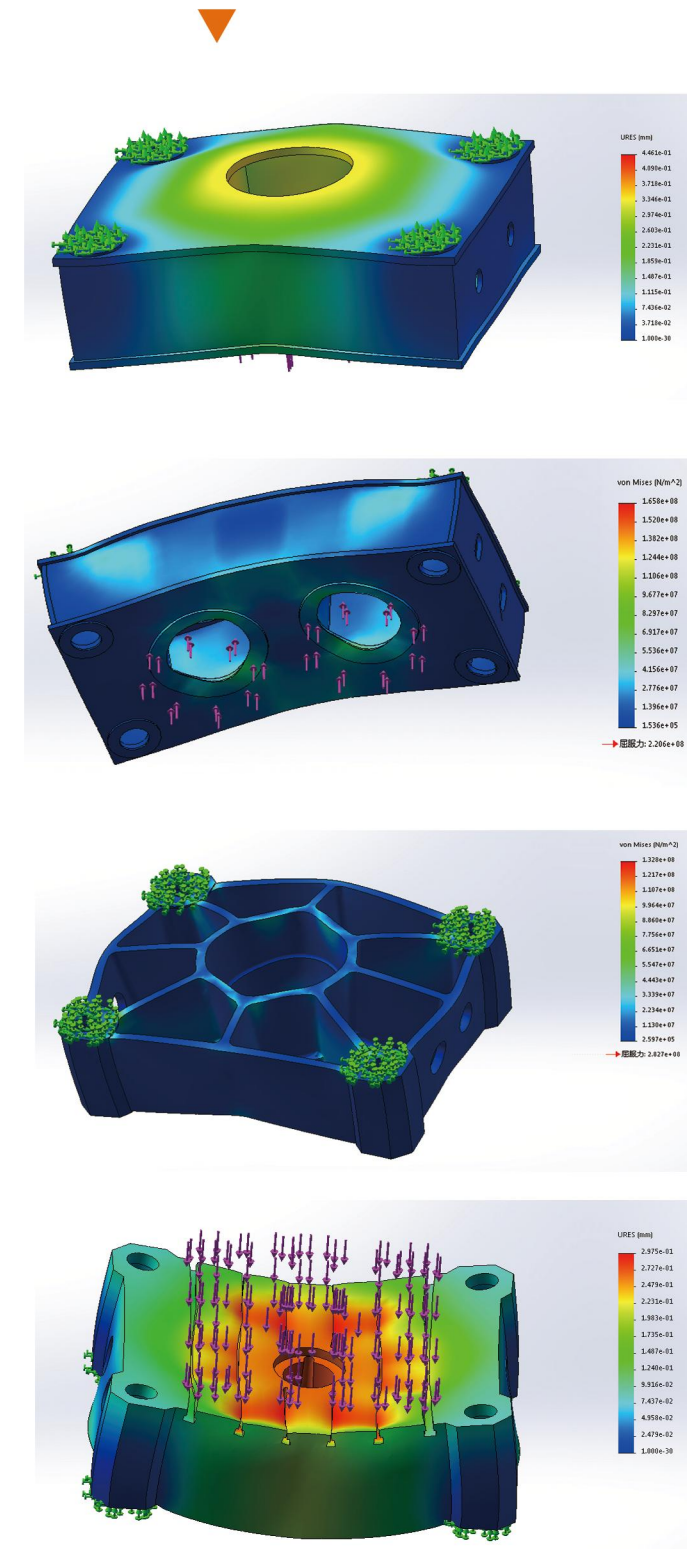
To be the first brand trusted and preferred by customers.  
 Create maximum value for our customers and employees  
 with our products.

Our Mission:  
 1. Provide first-class products and services to the world.  
 2. Build a stage for employees to succeed in life.  
 Core values: integrity, win-win, teamwork, innovation.  
 Business philosophy: quality creates reputation,  
 service creates value!



# PROCESS

SECURITY  
 工艺保障



有限元分析技术的保障  
 FINITE ELEMENT ANALYSIS TECHNICAL GUARANTEE



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# YQ32 FOUR-COLUMN HYDRAULIC PRESS

## 四柱液压机



### 性能特点

四柱通用液压机身采用三梁四柱式结构，液压系统采用插装阀集成控制，独立可靠的电控系统，具有广泛的通用性，适用于各种可塑性材料的压制加工和成型，如挤压、弯曲、折边、拉伸等；同时亦可用于各种塑料、粉末制品的压制成型。

可实现定程、定压二种成型工艺，并具有保压延时等性能，应用广泛、经济性好。

如果液压机用于落料、冲裁等工艺，应该加装冲裁缓冲装置，以消除或减轻材料冲断瞬间的冲击和噪音。



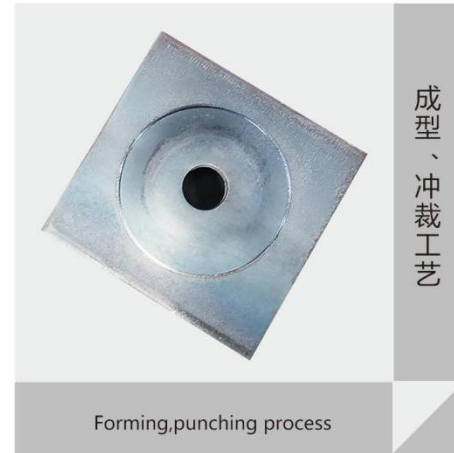
### PERFORMANCE CHARACTERISTICS

The body of the four column hydraulic press machine adopts a three beam and four column structure. The hydraulic system adopts integrated control of cartridge valves. The independent and reliable electronic control system has a wide range of versatility. It is suitable for the pressing and forming of various plastic materials, such as extrusion, Bending, dismantling, stretching, etc.; at the same time, it can also be used for compression molding of various plastics and powder products.

The pressure and stroke can be adjusted, and has the function of pressure holding time delay, etc., which is widely used and economical.



## 压制产品 PRESSED PRODUCT



## 压制工艺 PRESSING PROCESS



轴承压入



冲断



组合



弯曲



铆合



成型



挤压



压印



冲孔

## 机器参数 MACHINE PARAMETERS

名称	SPECIFICATION	UNIT	YQ32—63	YQ32—100A	YQ32—100B	YQ32—200B	YQ32—200A
公称力	Nominal force	KN	630	1000	1000	2000	2000
液体最大工作压力	Maximun system pressure	Mpa	25	25	25	25	25
滑块最大开口高度	Max.open height	mm	700	800	900	900	1100
滑块最大行程	Max Stroke of Slider	mm	400	500	600	600	700
工作台有效面积	Effective table size	mm	610×500	630×550	750×700	800×800	1000×1000
滑块空程下降速度	Down speed	mm/s	100	100	100	100	100
压制速度	Pressing speed	mm/s	11~22	7~15	7~15	7~18	7~18
回程速度	Return speed	mm/s	80	90	90	90	90
顶出力	Ejection cylinder force	KN	100	200	200	400	400
顶出最大行程	Stroke of ejection cylinder	mm	160	200	200	200	200

名称	SPECIFICATION	UNIT	YQ32—315B	YQ32—315A	YQ32—400	YQ32—500	YQ32—630
公称力	Nominal force	KN	3150	3150	4000	5000	6300
液体最大工作压力	Maximun system pressure	Mpa	25	25	25	25	25
滑块最大开口高度	Max.open height	mm	1000	1250	1250	1500	1500
滑块最大行程	Max Stroke of Slider	mm	600	800	800	900	900
工作台有效面积	Effective table size	mm	800×800	1260×1160	1260×1160	1400×1400	1500×1500
滑块空程下降速度	Down speed	mm/s	100	100	100	100	150
压制速度	Pressing speed	mm/s	7~12	7~12	5~11	10~18	9~18
回程速度	Return speed	mm/s	90	100	100	180	200
顶出力	Ejection cylinder force	KN	630	630	630	1000	1000
顶出最大行程	Stroke of ejection cylinder	mm	300	300	300	300	300

名称	SPECIFICATION	UNIT	YQ32—800	YQ32—1000	YQ32—1250	YQ32—1600
公称力	Nominal force	KN	8000	10000	12500	16000
液体最大工作压力	Maximun system pressure	Mpa	25	25	25	25
滑块最大开口高度	Max.open height	mm	1500	1500	1500	1500
滑块最大行程	Max Stroke of Slider	mm	900	900	900	900
工作台有效面积	Effective table size	mm	1600×1600	1600×1600	1600×1600	1600×1600
滑块空程下降速度	Down speed	mm/s	180	180	180	190
压制速度	Pressing speed	mm/s	9~18	10~18	6~15	6~14
回程速度	Return speed	mm/s	180	220	200	220
顶出力	Ejection cylinder force	KN	1000	1000	1000	1600
顶出最大行程	Stroke of ejection cylinder	mm	300	300	300	300



# YD27 SINGLE ACTION DEEP DRAWING PRESS

## 单动薄板成型 拉伸液压机



主要技术参数	SPECIFICATION	UNIT	100T	200TA	200TB	315T	500T	630T	800T	1000T
液体压力	Max. System pressure	Mpa	25	25	25	25	25	25	25	25
滑块有效行程	Max. Stroke of sliderOpening	mm	600	600	700	800	900	900	900	900
开口高度	Max. Open height	mm	900	900	1200	1250	1500	1500	1500	1500
工作台有效面积	Effective table size	mm	750×700	800×800	1000×1000	1260×1160	1400×1400	1500×1500	1600×1600	1600×1600
空程下降速度	Down speed	mm/s	90	100	100	120	120	130	150	150
压制速度	Pressing speed	mm/s	17	14	14	11	18	18	18	18
回程速度	Return speed	mm/s	110	110	110	100	170	180	180	190
电机功率	Motor power	KW	7.5	7.5	7.5	22	37	44	60	74
液压垫顶出力	Hydraulic cushion force	T	50	60	60	100	160	200	315	400
顶出行程	Cushion stroke	mm	300	300	300	300	300	300	300	300
液压垫面积	Hydraulic pad area	mm	Φ500	Φ550	750×600	750×750	1050×1050	1200×1200	1200×1200	1200×1200





# YD28 DOUBLE ACTION DEEP DRAWING PRESS

## 双动薄板成型 拉伸液压机

### 可选配附件

- ▶ 移动工作台
- ▶ 冲裁缓冲装置
- ▶ 光电保护装置
- ▶ 打料装置
- ▶ PLC可编程控制器
- ▶ 模具加热及温控装置
- ▶ 触摸式显示屏
- ▶ 液压系统加热冷却装置
- ▶ 行程、压力。数显、数控装置
- ▶ 打料装置，压边滑块，液压垫四角分别调压装置

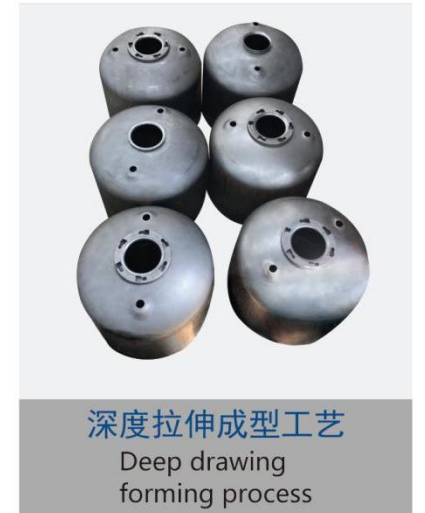
### OPTIONAL ACCESSORIES

- ▶ Movable worktable
- ▶ Punching buffer device
- ▶ Light curtains
- ▶ Knock down cylinder
- ▶ PLC controller
- ▶ Mould heating and temperature control
- ▶ Display screen
- ▶ Hydraulic system heating/cooling device
- ▶ Stroke, pressure display/ control device
- ▶ Knock down device, Crimping slider, four corners of the hydraulic cushion pressure regulating device



### 适用范围

双动薄板成型拉伸液压机主要用于金属厚、薄板拉伸和落料、冲裁等成型工艺，同时也具有通用液压机的常规功能，用途较为广泛。在带有液压缓冲器条件下可完成拉伸后再冲裁工艺或冲裁后翻边工艺，广泛应用于汽车、摩托车、家电、石油化工、轨道交通、航空航天等各个领域，该系列液压机具有四柱和框架两种结构形式。可以根据用户的需求配置上液压垫、微动对模装置、快速换模装置等。



### SCOPE OF APPLICATION

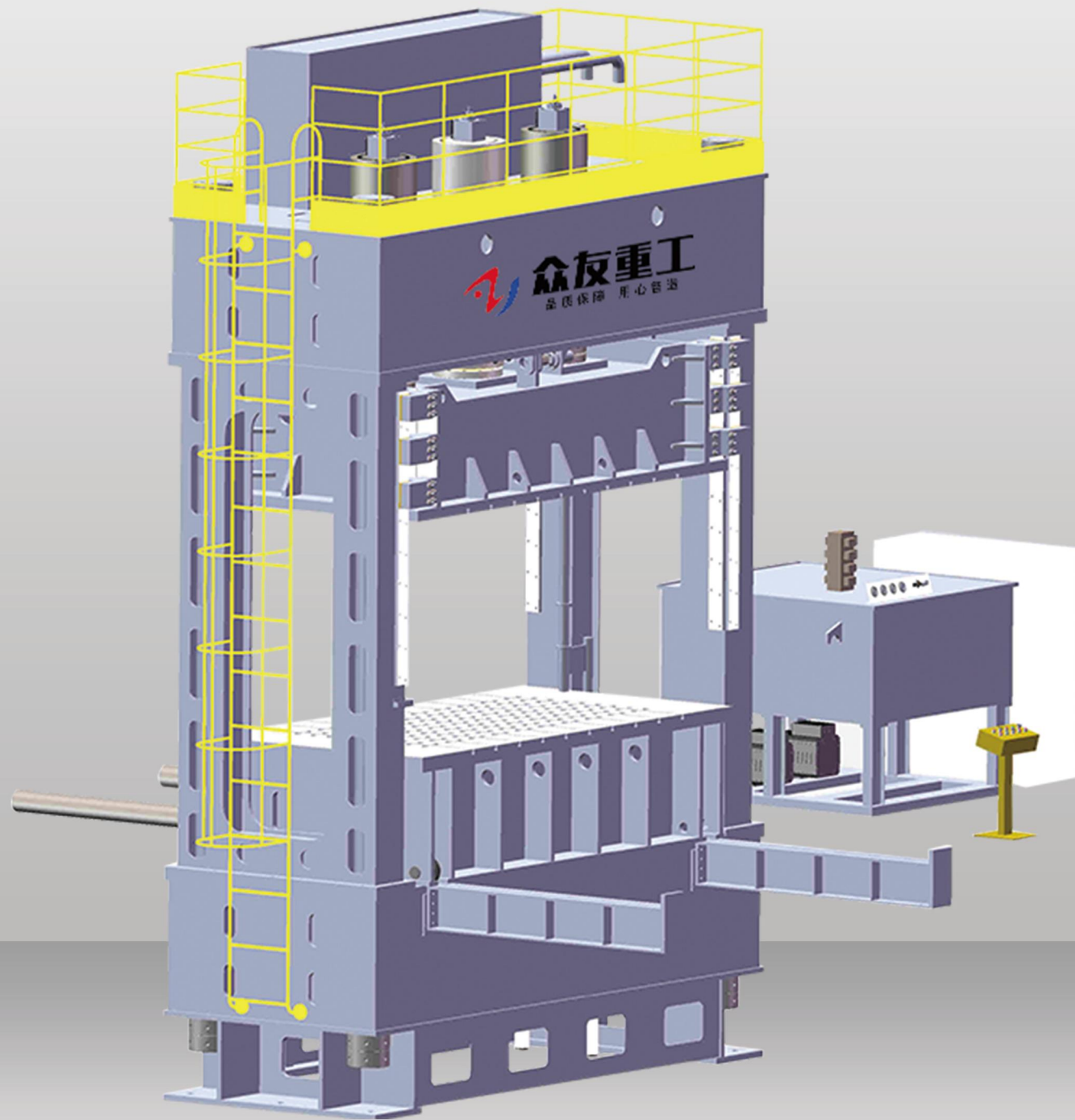
The double action thin plate deep drawing hydraulic press is mainly used for thick and thin metal plate deep drawing and Blanking, punching and other forming processes, at the same time, it also has the conventional functions of general hydraulic presses. After deep drawing can be done with hydraulic buffer The re-punching process or the flanging process after punching is widely used in automobiles, motorcycles, Household appliances, petrochemical, rail transit, aerospace and other fields. The hydraulic press has two structural forms: four-column and H frame. According to the needs of users, it can be equipped with Top Mounted Hydraulic Cushion, micro-moving die setting devices, and fast mould changing device, etc.

主要技术参数 SPECIFICATION		UNIT	YD28-200/315	YD28-300/500	YD28-400/650	YD28-500/800	YD28-630/1030	YD28-800/1300
公称力 Nominal force		KN	3150	5000	6500	8000	10300	13000
拉伸力 Tensile force		KN	2000	3000	4000	5000	6300	8000
压边力 Blanking force		KN	1150	2000	2500	3000	4000	5000
液压垫力顶出力 Hydraulic cushion force		KN	630	1000	1600	3000	4000	
拉伸滑块开口高度 Opening height of bottom side		mm	1500	1600	1800	2100	2300	2200
压边滑块开口高度 Opening height of upper slide		mm	1180	1150	1800	2000	2200	2200
拉伸滑块行程 Stroke of bottom slider		mm	800	900	1200	1100	1400	1400
压边滑块行程 Stroke of upper slider		mm	800	900	1100	1000	1300	1400
液压垫(顶出)行程 Ejector stroke of hydraulic cushion		mm	300	350	300	300	300	300
滑块速度(拉伸/压边) Slider speed (Stretch/press)	空程 Descending speed	mm/s	120/120	150/150	250/250	200/200	200/200	250/250
	工作 Press	mm/s	10-20/12-30	5-12/10-20	8-20/12-30	12-25/16-35	12-25/16-40	10-20/12-30
	回程 Return	mm/s	190/130	120/120	150/150	200/200	200/200	200/200
拉伸滑块尺寸 Size of bottom slider	左右 L-R	mm	840	1000	1100	2100	2400	2600
	前后 F-B	mm	800	700	1100	1250	1400	1600
压边滑块尺寸 Size of upper slider	左右 L-F	mm	1200	1400	1600	3000	3200	4200
	前后 F-B	mm	1200	1400	1600	2000	2200	2400
工作台尺寸 Worktable size	左右 L-R	mm	1200	1400	1600	3000	3200	4500
	前后 F-B	mm	1200	1400	1600	2000	2200	2500



# H FRAME HYDRAULIC PRESS MACHINE

## 框式液压机



### 性能特点

- ▶ 机身采用计算机优化设计，全钢板焊接的框架式结构，精度保持性好，液压控制采用插装阀集成系统，工作可靠，流量大，使用寿命长，系统高度集成，减少了连接管路与泄漏点。
- ▶ 采用按钮集中控制，具有调节，手动和半自动（定程单次和定压单次）三种操作方式。
- ▶ 框式采用四角八面导轨，导向精度高，抗偏载能力强，并采用集中润滑。
- ▶ 滑块运动速度快，工作效率高。滑块工作压力，空载快速下行和慢速工进的行程范围均可根据工艺需要进行调整。

### PERFORMANCE CHARACTERISTICS

- ▶ The machine body adopts computer optimized design, the frame structure of all steel plate welding, good precision retention, hydraulic control adopts cartridge valve integrated system, reliable work, flow large volume, long service life, highly integrated system, reducing connecting pipelines and leakage points.
- ▶ It adopts button centralized control and has three operation modes: adjustment, manual and semi-automatic.
- ▶ The frame type adopts four-corner and eight-sided guide rails, which have high guiding precision, strong anti-eccentric load capacity, and centralized lubrication. The slider moves fast and the work efficiency is high.
- ▶ The working pressure of the slider, the stroke range of no-load fast down and slow work can be adjusted according to the process requirements.



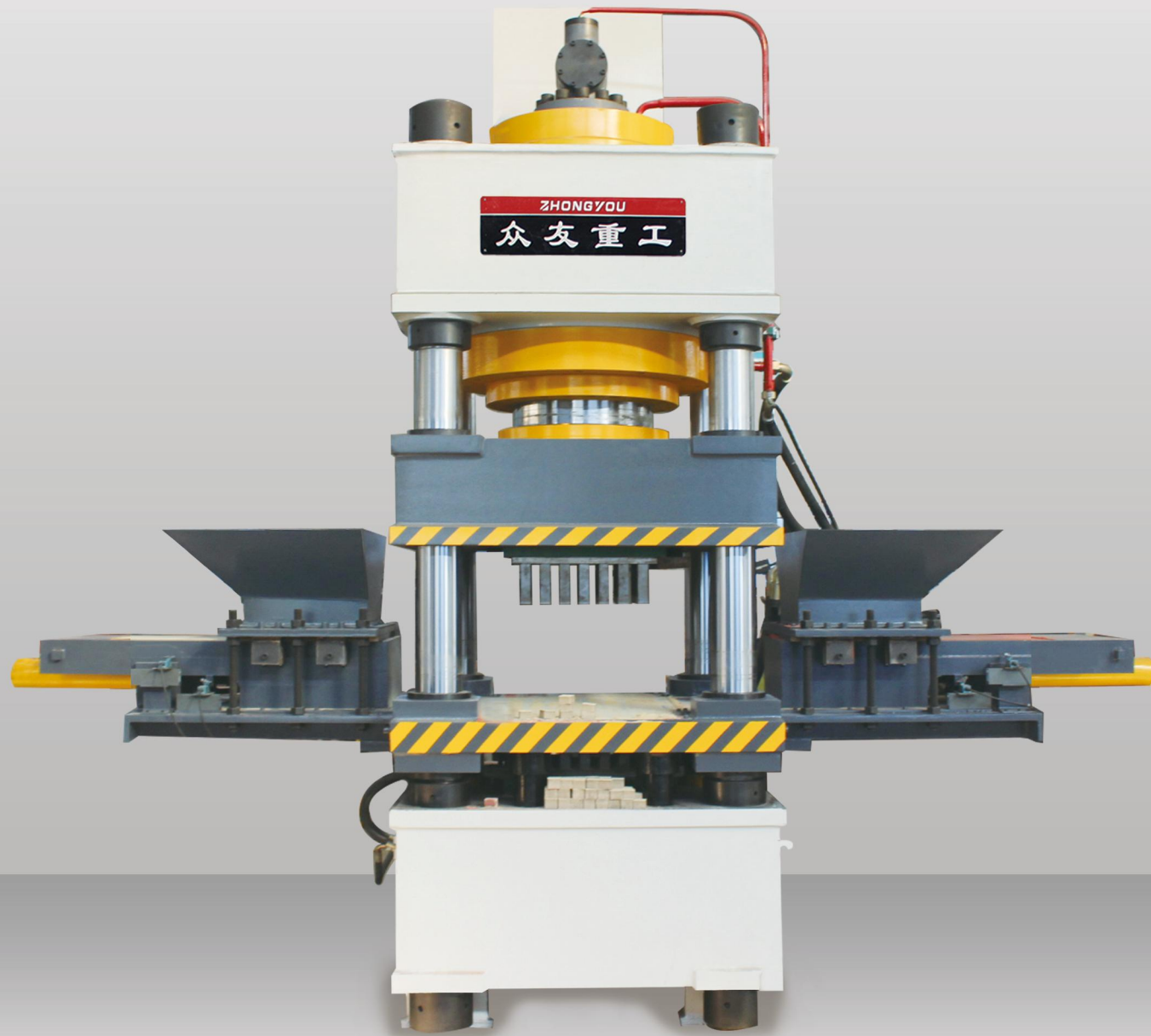


# AUTOMATIC POWDER FORMING PRESS

## 全自动粉末成型机

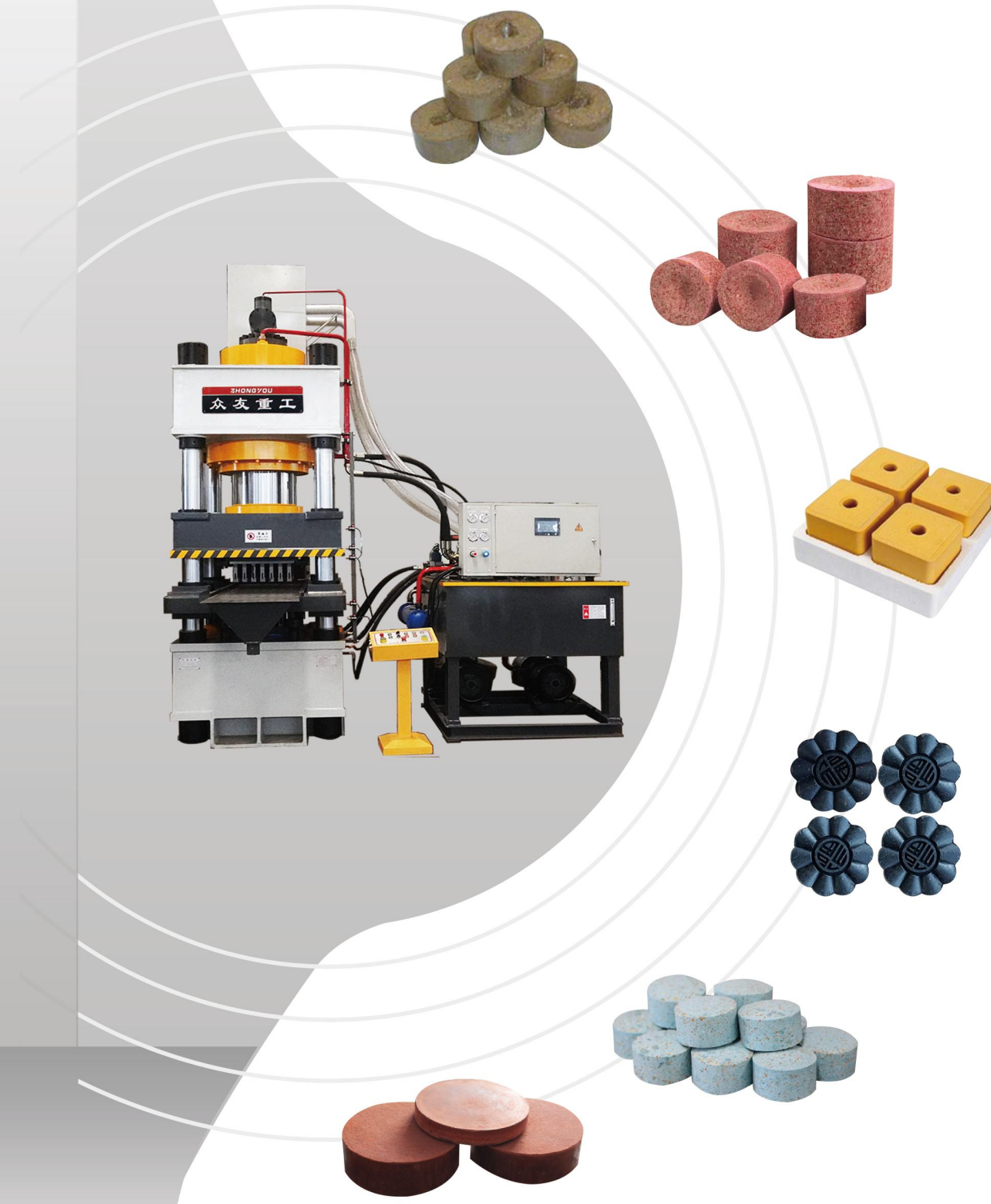
### 适用范围

- ▶ 全自动粉末成型机是一种新型的液压专用设备, 广泛应用于各种金属粉末、磁性粉末、陶瓷粉末、硬质合金制品、药品等的压制成型。
- ▶ 此液压机有独立的液压和电气系统, 具有浮动压制, 使制品成型密度得到有效控制, 保护性脱模和一般性脱模两种脱模方式可供选择, 电气控制采用PLC可编程控制器, 液压系统采用先进的插装集成阀, 保证液压机连续, 频繁的稳定工作。配有油液冷却装置。采用按钮集中控制, 同时装有机械限位装置, 从而保证制品的一致性。



### SCOPE OF APPLCATION

- ▶ Automatic powder forming machine is a new type of hydraulic special equipment, widely used in all kinds of metal powder, magnetic powder, ceramic powder, hard alloy products, drugs, etc.
- ▶ The hydraulic press have independent hydraulic and electric system, the loating down, make products to effectively control, forming density protective demoulding and general mold release two demoulding ways to choose from, electrical control adopts PLC programmable controller, hydraulic system dopts advanced instrumentation integrated valve, guarantee the hydraorulic press for continuous, stable work frequently, Equipped with oil cooling device. Centralized button control, equipped with mechanical limit device, so as to nsure the consistency of products.



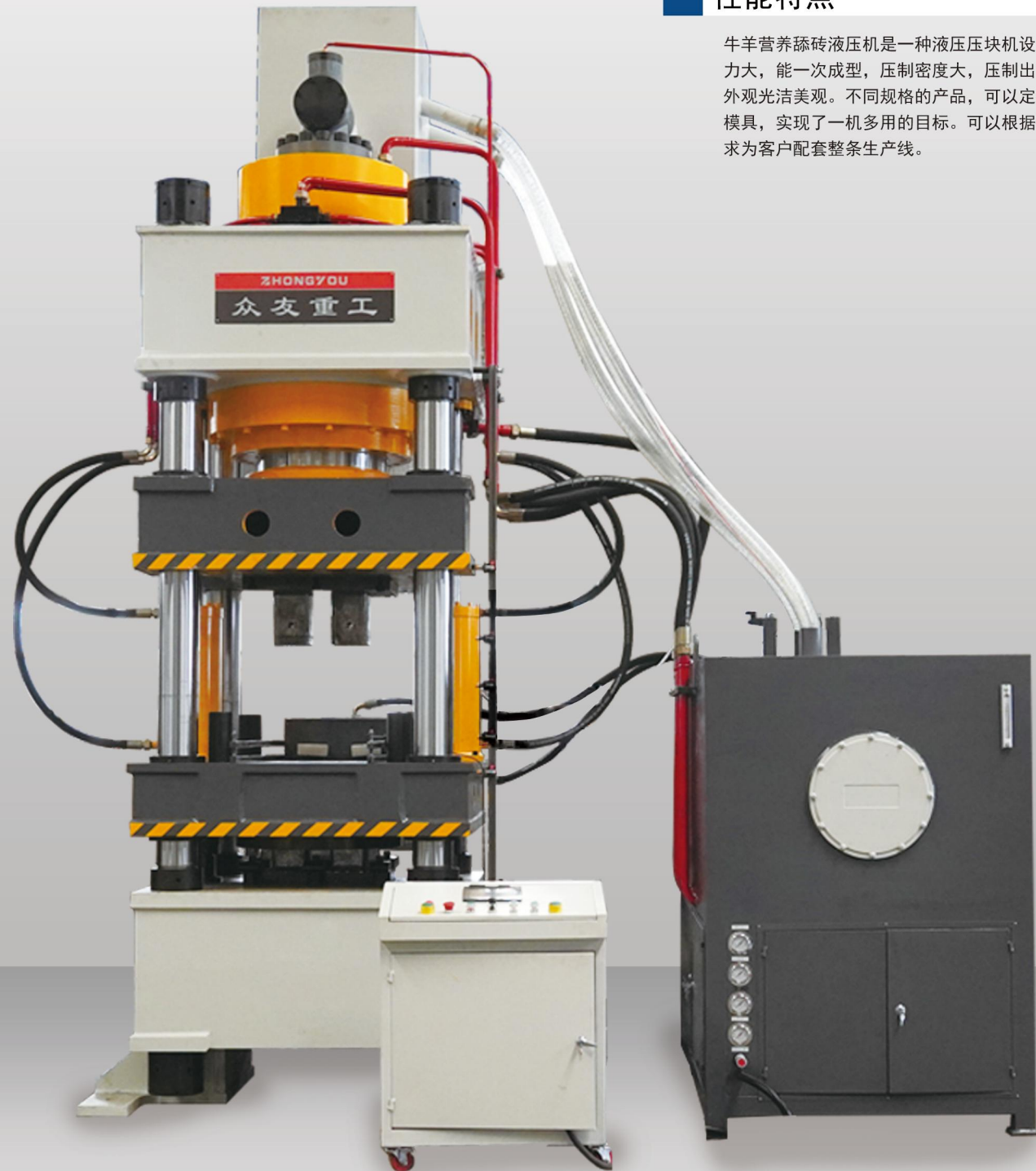


# ANIMAL LICKING SALT BLOCK PRESS MACHINE

## 牛羊舔砖液压机

### 性能特点

牛羊营养舔砖液压机是一种液压压块机设备，压力大，能一次成型，压制密度大，压制出的产品外观光洁美观。不同规格的产品，可以定制多套模具，实现了一机多用的目标。可以根据客户需求为客户配套整条生产线。



### PERFORMANCE CHARACTERISTICS

Cow and sheep nutrition lick block hydraulic pressure machine is a kind of hydraulic block indenting machine with high pressure and can be formed at one time. The products produced by the indenting are smooth and beautiful in appearance. Different specifications of products, can be customized multiple sets of molds, to achieve the goal of multi-purpose one machine. We can support the whole production line for customers according to their needs.

型号 Model	吨位 Tonnage	成型盐砖重量 Salt block weight	模具 Mould	配置 Configuration
YZ79-315T	315吨	2kg-5kg	一出或一出二可选 <small>Press one piece at a time or two pieces at a time optional</small>	普通选配 伺服配置可选 <small>Ordinary/servo press optional</small>
YZ79-400T	400吨	2kg-5kg	一出或一出二可选 <small>Press one piece at a time or two pieces at a time optional</small>	普通选配 伺服配置可选 <small>Ordinary/servo press optional</small>
YZ79-500T	500吨	5kg-10kg	一出或一出二可选 <small>Press one piece at a time or two pieces at a time optional</small>	普通选配 伺服配置可选 <small>Ordinary/servo press optional</small>
YZ79-630T	630吨	10kg-15kg	一出或一出二可选 <small>Press one piece at a time or two pieces at a time optional</small>	普通选配 伺服配置可选 <small>Ordinary/servo press optional</small>
YZ79-800T	800吨	10kg-15kg	一出或一出二可选 <small>Press one piece at a time or two pieces at a time optional</small>	普通选配 伺服配置可选 <small>Ordinary/servo press optional</small>
YZ79-1000T	1000吨	10kg-20kg	一出或一出二可选 <small>Press one piece at a time or two pieces at a time optional</small>	普通选配 伺服配置可选 <small>Ordinary/servo press optional</small>
YZ79-1200T	1200吨	10kg-20kg	一出或一出二可选 <small>Press one piece at a time or two pieces at a time optional</small>	普通选配 伺服配置可选 <small>Ordinary/servo press optional</small>
YZ79-1500T	1500吨	10kg-20kg	一出或一出二可选 <small>Press one piece at a time or two pieces at a time optional</small>	普通选配 伺服配置可选 <small>Ordinary/servo press optional</small>



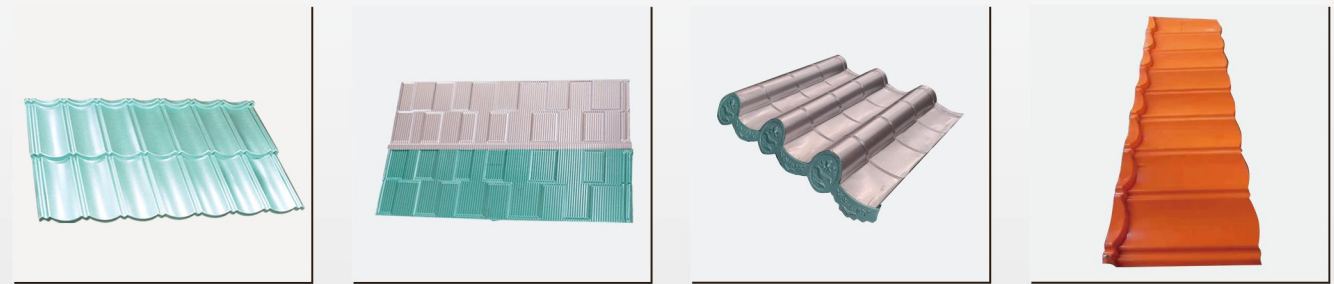


# METAL ROOF TILE FORMING PRESS

## 彩石金属瓦液压机

### 性能特点

彩石金属瓦是以镀锌板为原料，通过液压机模压成型后喷涂彩砂而成，广泛用于别墅、高层等建筑。卷料打开以后输送到裁剪机完成裁剪，再将裁剪后的片料输送到成型压机里，模压成型。最后通过机械手，将成型后瓦片码垛，整条生产线为全自动化生产，不仅节省劳动力，还将产能大大提高，生产线的裁剪步骤中，选用的是液压冲床，工作时产生的冲击力小，能更好的保证模具使用寿命，成型步骤中，瓦型为长方形，为达到产品受力均匀，模压成型选用的是315T双缸液压机，机器用PLC控制，便于衔接前序自动上料和后续成品码垛，顺利达到精准高效的目的。成型液压机也可以直接配合人工操作送料来使用。



### PERFORMANCE CHARACTERISTICS

Stone coated metal roof tile is made of galvanized sheet, which is molded by hydraulic press and then sprayed with colored sand. It is widely used in villas, high-rise buildings and other buildings. After the coil is opened, it is transported to the cutting machine. After the cutting is completed, the cut pieces are transported to the forming press for molding. Finally, the formed tiles are stacked by the manipulator, and the whole production line is a fully automated production line, not only saves labor, but also greatly improves the production capacity. In the cutting step of the production line, a hydraulic punch is used, which produces a small impact during work and can better ensure the mold. It has a service life. In the molding process, the tile shape is rectangular. In order to achieve uniform force on the product, a 315T double-cylinder hydraulic press is used for molding. The machine is controlled by PLC, which is convenient for positioning. The automatic loading of the previous sequence and the palletizing of the subsequent finished products successfully achieve the goal of precision and efficiency. The forming hydraulic press can also be used directly with manual feeding.





# COMPOSITE MATERIAL PRESS

## 复合材料液压机

### 适用范围

该系列液压机主要适用于SMC、BMC、DMC、MTFT-D等塑料(玻璃钢)制品的压制成型工艺,有四柱式和框架式二种玻璃钢制品液压机.专用高强度机身结构.具有滑块空程快下、可控的多段预压、加压、微开模、温度控制等功能。

该系列液压机是航空航天、轨道交通、船舶、汽车、建筑、石化、能源电子、文体等工业领域玻璃钢制品制造的关键装备。



### PERFORMANCE CHARACTERISTICS

This series of hydraulic press is mainly suitable for SMC, BMC, DMC, MTFT - D and other plastic (glass fiber reinforced plastic) products pressing molding process, there are four column type and frame type two kinds of glass fiber reinforced plastic products hydraulic press, special high strength body structure. It has the functions of sliding block empty path fast down, controllable multi-stage preloading, pressure, micro open mold, temperature control and so on.

This series of hydraulic press is the key equipment for FRP products manufacturing in aerospace, rail transit, shipbuilding, automobile, construction, petrochemical, energy electronics, sports and other industrial fields.



塑料托盘  
Plastic tray



风机  
Fan



塑料砖  
Plastic brick



塑料盆  
Plastic basin



玻璃钢保温水箱  
FRP insulation water tank



汽车引擎盖  
Bumper

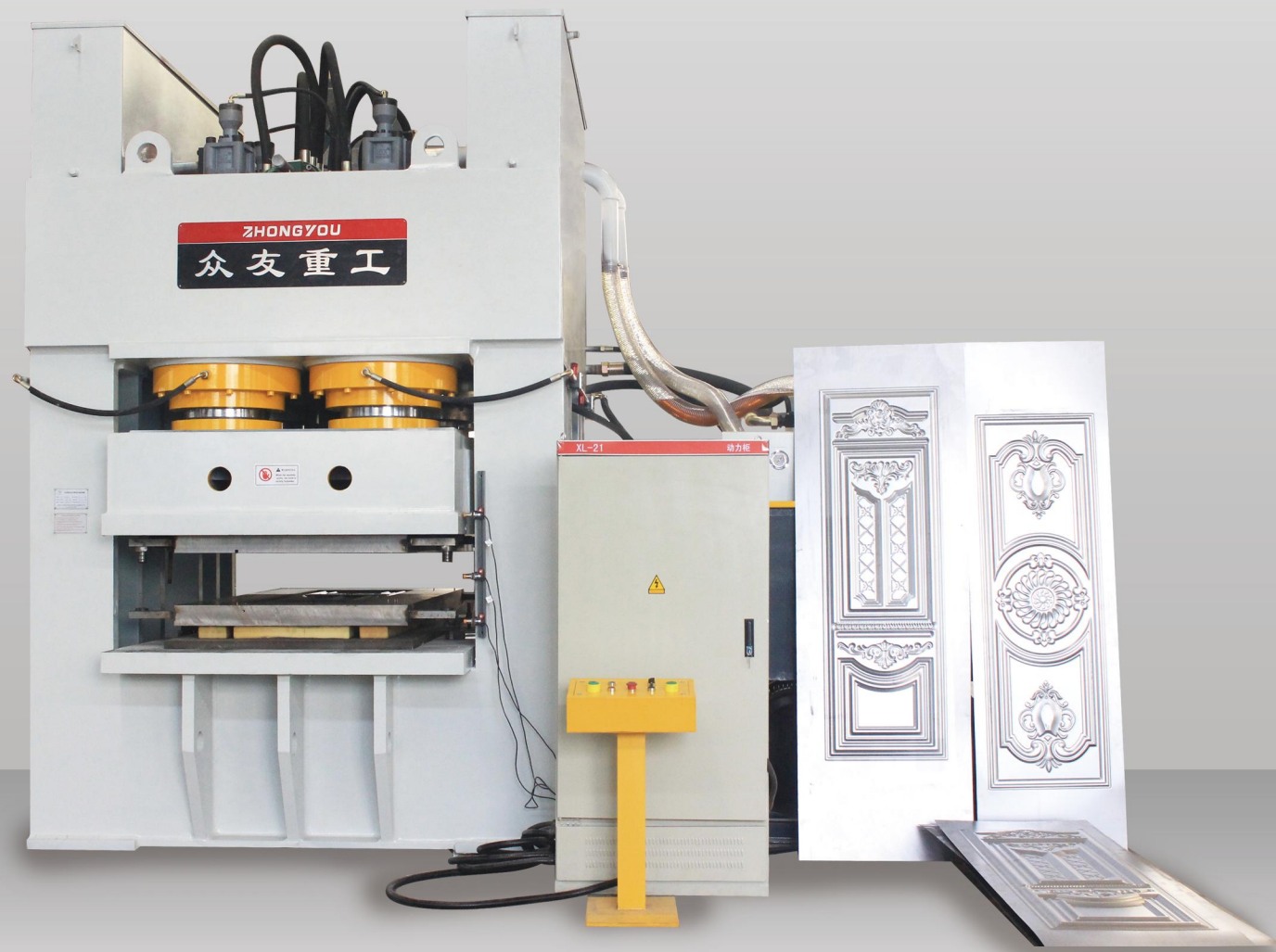


# DOOR EMBOSSING PRESS

## 门面压花液压机

### 性能特点

本机是防盗门、钢门、室内门成型专用液压机,适用于各大防盗门生产厂家和钢材批发市场,冲压各种花型防盗门面板,不锈钢门板,室内门门板,它具有快速,安全可靠,节约能源,产品美观,成本低等优点。工作压力,压制速度,行程均可根据工艺需要在规定的参数范围内调节。本机具有独立的动力机构和电气系统,并采用按钮集中控制,可实现手动,半自动,自动三种操作方式。可实现定压及定程两种压制方式。

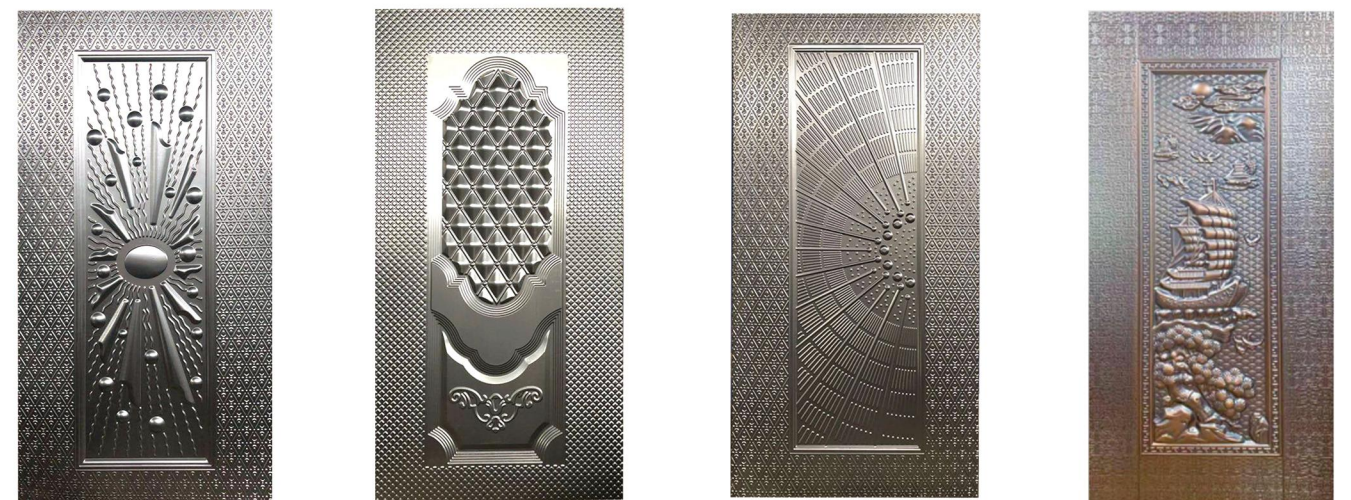


### PERFORMANCE CHARACTERISTICS

This machine is a special hydraulic machine for anti-theft door, steel door and indoor door molding. It is suitable for various anti-theft door manufacturers and steel wholesale market to press various anti-theft door panels, stainless steel door panels and indoor door panels. It has the advantages of fast, safe and reliable, energy saving, beautiful products and low cost. Working pressure, pressing speed and stroke can be adjusted in the specified parameter range according to the process needs. This machine has independent power mechanism and electrical system, and adopts centralized control button, which can realize manual, semi-automatic and automatic operation mode. It can realize two pressing methods of constant pressure and constant path.



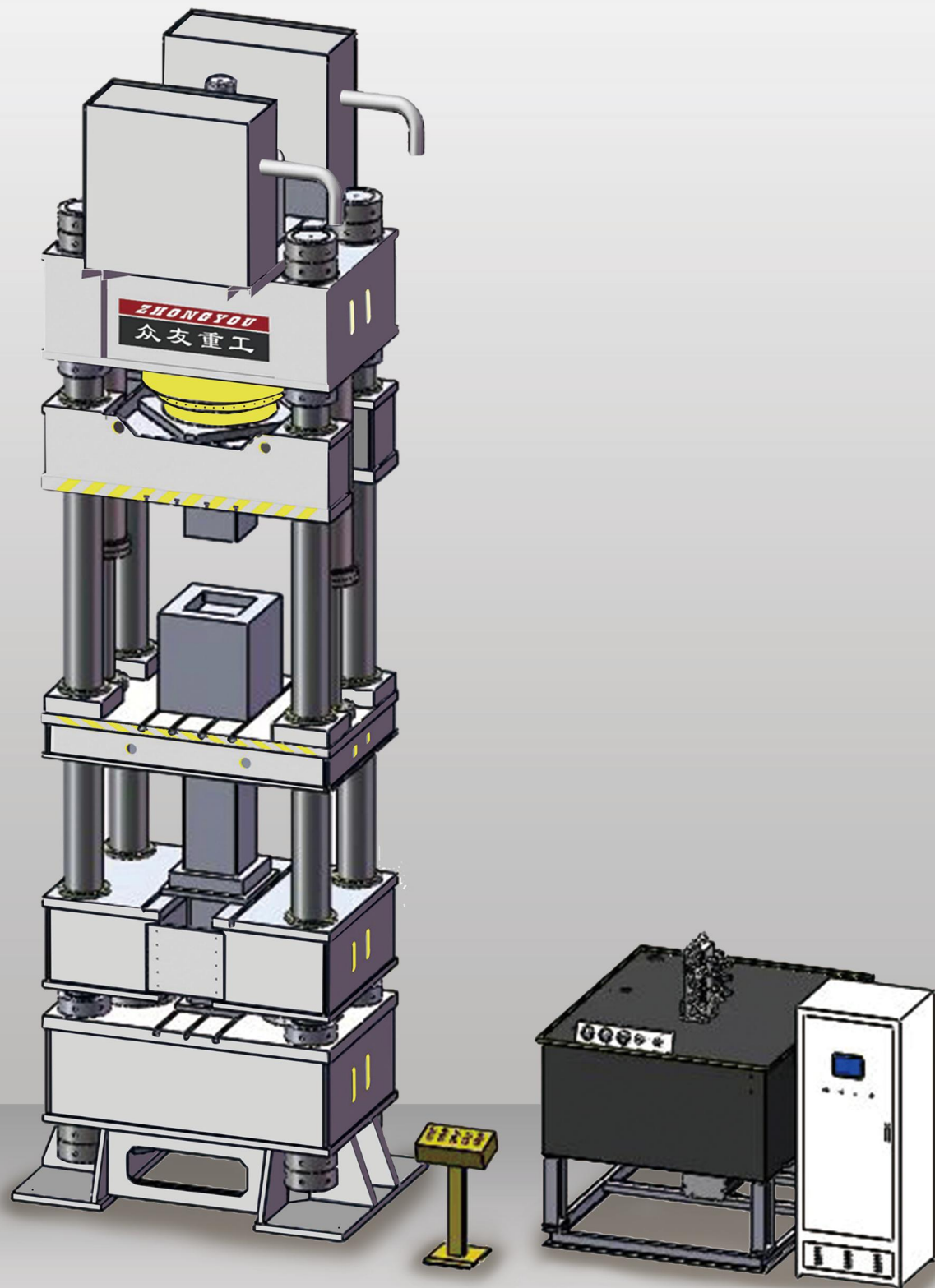
型号 Model	台面尺寸 Table size	行程 Stroke	开口 Open height
YM-1600T	1500×2200	400	500
YM-2000T	1800×2500	400	500
YM-3000T	2000×3000	400	500
YM-3600T	2100×3200	400	500
YM-4800T	2200×3500	400	500
YM-6000T	2400×3600	400	500
YM-8000T	2600×4000	400	500
YM-10000T	2800×4200	400	500
YM-12000T	3000×4500	400	500





# SAGGER BOX FORMING PRESS

## 匣钵成型液压机



### 性能特点

伺服控制系统不仅噪音低，节能环保，且安装有集中控制面板，面板布置有必要的操作按钮和选择开关，通过简单的按钮操作即可轻松控制液压机的工作、设备压力的大小、压制时间及保压过程，提高了成型的精度，可全程监控产品压制过程，实现设备的自动化控制。

### PERFORMANCE CHARACTERISTICS

The servo control system not only has low noise, energy saving and environmental protection, but also has a centralized control system. Control panel, the panel layout has the necessary operation buttons and selection switches, through Simple button operation can easily control the work of hydraulic press and equipment pressure, pressing time and pressure holding process improve the forming accuracy, the whole process of product pressing is monitored to realize automatic control of equipment.





# YQ41 C TYPE PRESS

## 单柱液压机

名称	SPECIFICATION	UNIT	YQ41-20	YQ41-40	YQ41-63	YQ41-100	YQ41-160	YQ41-200	YQ41-250	YQ41-315	YQ41-500
公称力	Nominal pressure	KN	200	400	630	1000	1600	2000	2500	3150	5000
有效行程	Effective stroke	mm	200	200	300	300	400	500	500	500	500
开口高度	Opening height	mm	600	600	700	700	800	1000	1000	1200	1200
喉深	Throat depth	mm	200	220	240	280	320	360	420	500	600
下行速度	Down speed	mm/s	16	19	13	10	13	15	15	50	50
回程速度	Return speed	mm/s	19	25	17	13	20	20	20	60	55
工作台左右	Table size L-R	mm	500	500	600	700	700	800	900	1050	1200
工作台前后	Table size F-B	mm	400	400	450	500	600	700	800	900	1050
落料孔直径	Blanking hole diameter	mm	80	100	120	200	200	220	220	240	240



### 产品概述

- ▶ 具有结构刚性好，导向性能好，速度快等特点；
- ▶ 方便的手动调整机构可调整压头或上工作台在行程中任意位置压制，也可在设计行程内任意调整快进和工进行程的长短；
- ▶ 整体焊接的坚固开式结构可使机身保持足够刚性的同时拥有最方便的操作空间。



### 性能特点

- ▶ 采用计算机优化结构设计，单臂式机身结构，刚性好，结构简单，操作方便。
- ▶ 整机采用钢板焊接，并经壁炉回火处理。
- ▶ 液压控制采用二通插装阀集成系统，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、半自动(半自动可分为定程单次和定压单次两种工艺)三种操作方式。
- ▶ 滑块的工作压力、空载快速下行和慢速工进的行程范围均可根据工艺需要进行调整。





# YC21 HYDRAULIC PUNCH MACHINE

## 液压冲床

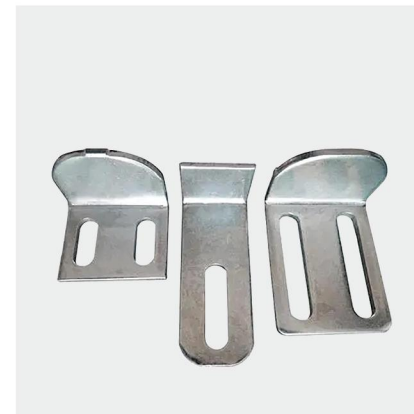
### 结构特点

- ▶ 钢板焊接机身，刚度好，精度更稳定，结构紧凑、外形美观。
- ▶ 滑块采用矩形六面体加长导轨、配青铜衬板，导向精度高



### SCOPE OF APPLCATION

- ▶ Steel plate welding body, good rigidity, more stable precision compactstructure, beautiful appearance.
- ▶ The slider adopts rectangular hexahedron to lengthen the guide rail and bronze lining plate to achieve high guiding accuracy.



主要技术参数	SPECIFICATION	UNIT	YC21-63T	YC21-80T	YC21-100T	YC21-125T	YC21-160T	YC21-200T	YC21-315T
公称力	Nominal forca	KN	630	800	1000	1250	1600	2000	3150
液压系统最大压力	Slider stroke times per minute	Mpa	25	25	25	25	25	25	25
开口高度	Max. Open height	mm	400	500	500	500	600	600	700
有效行程	Effecttive stroke	mm	200	200	260	260	260	300	300
工作台有效面积 (左右)	Table effective area(LR)	mm	700	800	1000	1000	1100	1100	1200
工作台有效面积 (前后)	Table effective area(FB)	mm	450	480	600	600	700	700	800
喉深	Throat depth	mm	220	250	310	310	360	360	410
滑块尺寸 (左右×前后)	Slider size	mm	400×300	450×330	480×360	550×400	590×440	650×480	750×570
工作台落料孔直径	Blanking hole size of table	mm	150	180	180	180	200	260	260
电机	Motor	KW	7.5	11	11	15	18.5	18.5	30



# HOT FORGING HYDRAULIC PRESS

## 热锻成型液压机

### 性能特点

采用先进的锻造高精成型设备，应用工艺范围广泛，包括多向挤压、镦粗、冲孔、闭式模锻等。能实现快锻、常锻、保压等多种功能；满足了镦粗、拔长、冲孔、马杠扩孔、错移等锻造工艺的要求。主要适用于各类特尺锻件、轴类、盘类、异形零部件的锻造生产，如轴承内圈、法兰、半轴、接头、十字头、轮毂、火车轮等。



### PERFORMANCE CHARACTERISTICS

Advanced forging and high precision forming equipment is adopted, and the application process is wide, including multi-directional extrusion, upsetting, punching, closed die forging and so on. It can realize various functions such as fast forging, normal forging and pressure maintaining. It meets the requirements of forging processes such as upsetting, drawing, punching, broaching and dislocation. It is mainly suitable for forging all kinds of extra-long forgings, shafts, discs and special-shaped parts, such as bearing inner rings, flanges, half shafts, joints, crossheads, wheels and train wheels.





PROFESSIONAL CUSTOMIZED PRESS

压胎机

Solid tire press machine



防火板 专用液压机

Special hydraulic press for fireproof board



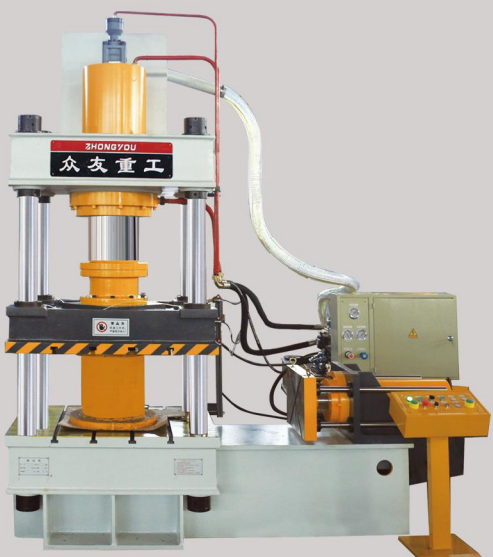
多功能 液压机

Multifunctional hydraulic press



侧缸连体 四柱液压机

Side cylinder  
Siamese four posts



龙门 液压机

Gantry press



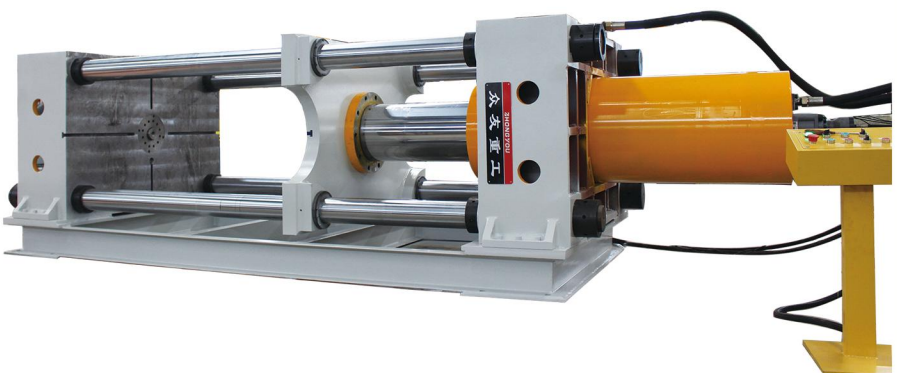
下顶式 液压机

Up stroke press



卧式四柱 液压机

Horizontal press



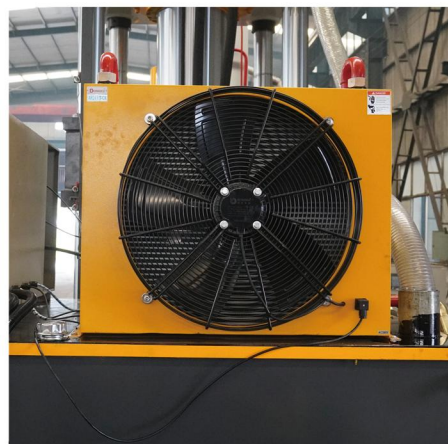
专机定制



# 可选配件

## OPTIONAL ACCESSORIES

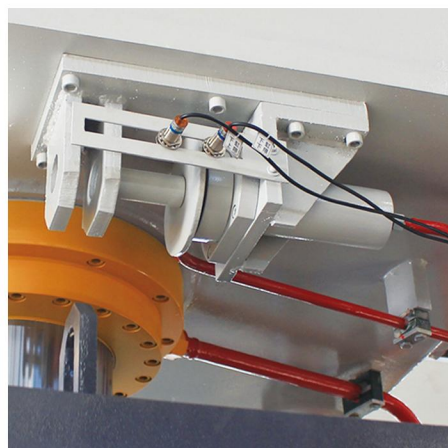
风冷散热器  
Air-cooled radiator



水冷却装置器  
Cooling device



液压安全栓  
Slider safety lock



触摸屏  
Touch screen



光电保护  
Light curtain



可移动工作台  
Movable table