



正西

做行业领导品牌  
CREATE AN INDUSTRY LEADING BRAND



冲压成型解决方案  
Stamping Forming Solution

- ▼ 液压机 Hydraulic press
- ▼ 折弯机 Bending machine
- ▼ 智能工厂 Smart Factory
- ▼ 信息化系统 Information System
- ▼ 自动化单元 Automation unit
- ▼ 工业机器人 Industrial robot

- 更安全 — SAFER
- 更稳定 — MORE STABLE
- 更高效 — MORE EFFICIENT
- 更智能 — SMARTER

成都正西智能装备集团股份有限公司  
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正西官方微信

智能成型解决方案  
INTELLIGENT MOLDING SOLUTIONS

2024 12版

# 企业简介

Company Profile

## 正西集团

Zhengxi Group

### 公司愿景

Company Vision

做行业领导品牌

Create an industry-leading brand

### 公司使命

Company Mission

提供更安全、更稳定、更高效、更智能的产品

Provide safer, more stable, more efficient and smarter products

### 公司价值观

Company Values

打造共赢平台，回馈员工、客户、股东、供应商和社会

Create a win-win platform to give back to employees, customers, shareholders, suppliers and society

成都正西公司成立于2009年1月，是一家集研发、生产、销售和服务于一体的智能成型装备制造型企业，十六年的自主研发与生产经验，酝酿出了一批高素质的技术管理团队以及一整套成型设备完整的制造工艺，为客户提供安全、稳定、高效、智能的优质产品。

Chengdu Zhengxi Company was established in January 2009. It is an intelligent molding equipment manufacturing enterprise integrating R&D, production, sales and services. With 16 years of independent R&D and production experience, it has cultivated a group of high-quality technical management teams and a complete set of molding equipment manufacturing processes to provide customers with safe, stable, efficient and intelligent high-quality products.

180+  
专利、软著  
Patents and software copyrights

80+  
精密设备  
Precision Equipment

400+  
员工  
Employees

3.3亿+  
总投资  
Total investment

45600m<sup>2</sup>  
占地面积  
Company Area



# 品质保证

Quality Assurance

## 荣誉资质

Honor



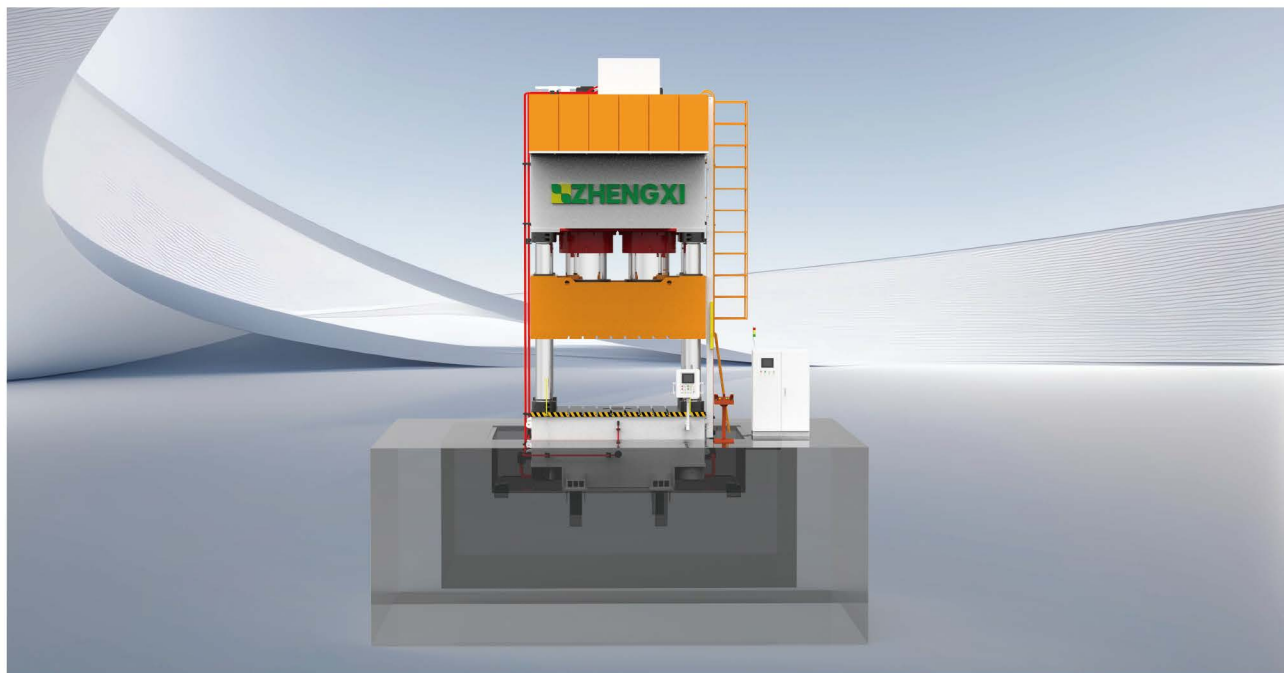
# 四柱万能液压机

Four-column Universal Hydraulic Press

## 性能特点

Performance Features

1. 三梁四柱，滑块导向采用加长结构、导向精度高、压机刚性好；
  2. 液压系统采用大流量插装阀集成，结合伺服控制系统，节能、降噪、智能化；
  3. 设备隔热装置、安全装置、液压双支撑保险回路、光电保护系统；
  4. 液压系统采用插装阀控制、流动阻力小、维修方便，液压泵立式安装。
1. Three beams and four columns, the slide guide adopts an extended structure, high guide precision, and good press rigidity;
  2. The hydraulic system adopts large flow cartridge valve integration, combined with a servo control system, energy saving, noise reduction, and intelligence;
  3. Equipment insulation device, safety device, hydraulic double support insurance circuit, photoelectric protection system;
  4. The hydraulic system adopts cartridge valve control, small flow resistance, easy maintenance, and the hydraulic pump is installed vertically.



## 应用领域

Application Areas

主要用于金属、非金属的冲压成型，也适用于粉末、复合材料的模压成型。

It is mainly used for stamping of metal and non-metal, and is also suitable for compression molding of powder and composite materials.



# 热成型液压机

## Thermoforming Hydraulic Press

### 性能特点

#### Performance Features

1. 计算机有限元优化结构, 机身可采用整体式框架、分体式框架两种结构;
  2. 设备隔热装置、安全装置、液压双支撑保险回路、光电保护系统;
  3. 液压系统采用大流量插装阀集成, 结合伺服控制系统。节能、降噪、智能化;
  4. 液压控制采用插装阀集成系统控制, 动作可靠, 使用寿命长, 液压冲击小, 减少了边接管路与泄漏点。
1. Computer finite element optimized structure, the fuselage can adopt two structures: integral frame and split frame;
  2. Equipment heat insulation device, safety device, hydraulic double support insurance circuit, photo-electric protection system;
  3. The hydraulic system adopts large flow cartridge valve integration, combined with servo control system. Energy saving, noise reduction, intelligent;
  4. The hydraulic control adopts cartridge valve integrated system control, which has reliable action, long service life, small hydraulic shock, and reduces the side pipe line and leakage points.



### 应用领域

#### Application Areas

主要用于汽车高强钢的热冲压成形, 如汽车AB柱、前后防撞梁以及车身上其他高强钢零部件的热冲压成形。

It is mainly used for hot stamping of high-strength automotive steel, such as automotive AB pillars, front and rear anti-collision beams and other high-strength steel parts on the body.



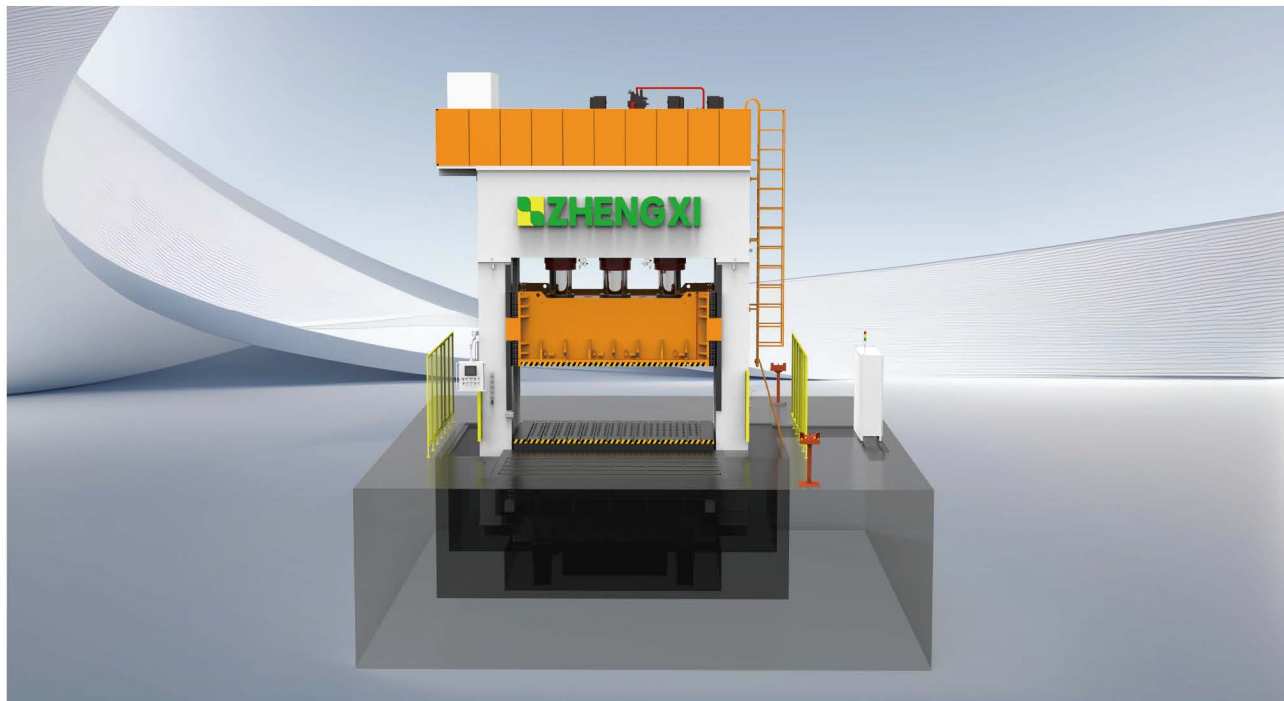
# 框架伺服液压机

## Frame Servo Hydraulic Press

### 性能特点

#### Performance Features

1. 主机结构有限元优化设计, 框架式结构刚性好、精度高;
  2. 液压系统采用大流量插装阀集成, 结合伺服控制系统;
  3. 机身结构采用Q355B优质碳素钢板焊接而成, 焊后完全退火;
  4. 滑块上设有安全锁定结构, 工作台前加装光电保护装置, 保证了操作、换膜、维护时人身安全。
1. The finite - element optimization design is adopted for the main - engine structure, and the frame - type structure has good rigidity and high precision;
  2. The hydraulic system integrates large - flow cartridge valves combined with a servo - control system;
  3. The fuselage structure is welded from Q355B high - quality carbon steel plates and is fully annealed after welding;
  4. A safety - locking structure is installed on the slide block, and a photoelectric protection device is added in front of the workbench to ensure personal safety during operation, film - changing, and maintenance.



### 应用领域

#### Application Areas

主要用于航天航空、能源、电力、船舶、交通等。

Mainly used in aerospace, energy, electricity, shipping, transportation, etc.



# 快速冲切液压机

Fast Punching and Cutting Hydraulic Press

## 性能特点

Performance Features

1. 机身采用预紧框架结构, 各结构件采用Q355B优质碳素钢焊接件而成, 焊后高温完全退火彻底消除应力;
2. 液压系统采用大流量插装阀集成, 结合伺服控制系统。节能、降噪、智能化;
3. 快下速度400-500mm/s可调, 压制速度20-50, 回程300-450mm/s;
4. 设备设有安全装置, 液压双支撑保险回路, 光电保护系统。

1.The machine body adopts a pre-tightened frame structure, and each structural part is made of Q355B high-quality carbon steel welded parts. After welding, high-temperature complete annealing is performed to completely eliminate stress;

2. The hydraulic system adopts a large-flow cartridge valve integration, combined with a servo control system. Energy saving, noise reduction, and intelligence;

3. The fast down speed is 400-500mm/s adjustable, the pressing speed is 20-50, and the return stroke is 300-450mm/s;

4. The equipment is equipped with safety devices, hydraulic double-support insurance circuits, and photo-electric protection systems.



## 应用领域

Application Areas

用于汽车车身附件、家电的冲压成型及切边, 包括仪表盘、面板、家电背板、外壳等。

Used for stamping and trimming of automobile body accessories and home appliances, including instrument panels, panels, home appliance back panels, housings, etc.



# 薄板拉伸液压机

## Thin Plate Stretching Hydraulic Press

### 性能特点

#### Performance Features

1. 工作压力、行程根据工艺需求在规定范围内可调;
  2. 独立的电气控制系统, 控制能力可靠, 直观, 维修方便;
  3. 进口品牌PLC编程控制, 工作灵敏可靠;
  4. 机身采用预紧框架结构, 各结构件采用Q355B优质碳素钢焊接件而成, 焊后高温完全退火彻底消除应力。
1. Working pressure and stroke can be adjusted within the specified range according to process requirements;
  2. Independent electrical control system, reliable control capability, intuitive and easy maintenance;
  3. Imported brand PLC programming control, sensitive and reliable operation;
  4. The machine body adopts a pre-tightened frame structure, and each structural part is made of Q355B high-quality carbon steel welded parts. After welding, high-temperature complete annealing is performed to completely eliminate stress.



### 应用领域

#### Application Areas

主要用于汽车内外钣金件的冷冲压成形, 如汽车四门两盖、侧围的零部件。

It is mainly used for cold stamping of automobile interior and exterior sheet metal parts, such as automobile four-door two-cover and side panel parts.



# 汽车纵梁成型液压机

Automobile Longitudinal Beam Forming Hydraulic Press

## 性能特点

Performance Features

1. 计算机有限元优化结构设计, 框架式结构, 简单、经济、实用;
  2. 液压系统采用大流量插装阀集成, 结合伺服控制系统。节能、降噪、智能化;
  3. 采用按钮集中控制, 具有调整、手动、半自动、全自动操作方式;
  4. 可选配自动上料下料系统、涂油系统、推料系统后完成自动化生产;
  5. 滑块上设有安全锁定结构, 工作台前加装光电保护装置, 保证了操作、换模、维护时的人身安全。
1. Computer finite element optimized structural design, frame structure, simple, economical and practical;
  2. The hydraulic system uses a large flow cartridge valve integration, combined with a servo control system. Energy saving, noise reduction, intelligent;
  3. Adopt button centralized control, with adjustment, manual, semi-automatic, and fully automatic operation modes;
  4. Optional automatic loading and unloading system, oiling system, and pushing system can be used to complete automated production;
  5. The slider is equipped with a safety locking structure, and a photoelectric protection device is installed in front of the workbench to ensure personal safety during operation, mold change, and maintenance.



## 应用领域

Application Areas

主要用于汽车纵梁的压制成型, 也适用于汽车大梁、地板等大型板材冲压成型。

It is mainly used for the pressing and forming of automobile longitudinal beams, and is also suitable for the stamping and forming of large plates such as automobile beams and floors.





# 车门包边液压机

## Door Hemming Hydraulic Press

### 性能特点

Performance Features

1. 机身结构件采用Q3555B优质碳素钢板焊接而成, 焊后完全退火;
2. 多种方式移动台: 前移、单(双)台侧移、双(四)台T型移动;
3. 工作压力、工作行程均可在参数范围内根据工艺需求在规定范围内可调;
4. 设备设有齐全的安全装置及安全控制系统, 液压双支撑保险回路, 光电保护系统。

1.The structural components of the fuselage are welded from Q3555B high - quality carbon steel plates and are fully annealed after welding;

2.There are mobile tables with multiple movement modes: forward movement, single (double) - unit side - shifting, double (quadruple) - unit T - shaped movement;

3.Both the working pressure and the working stroke can be adjusted within the specified range according to process requirements within the parameter range;

4.The equipment is equipped with comprehensive safety devices and safety control systems, a hydraulic double - support safety circuit, and a photoelectric protection system.



### 应用领域

Application Areas

广泛应用于乘用车、轿车和卡车车门的制造工艺;同时也适用于金属材料的拉伸、成型、落料等冲压工艺。

It is widely used in the manufacturing process of passenger car, car and truck doors; it is also suitable for metal material stretching, forming, blanking and other stamping processes.



# 钢丝缠绕液压机

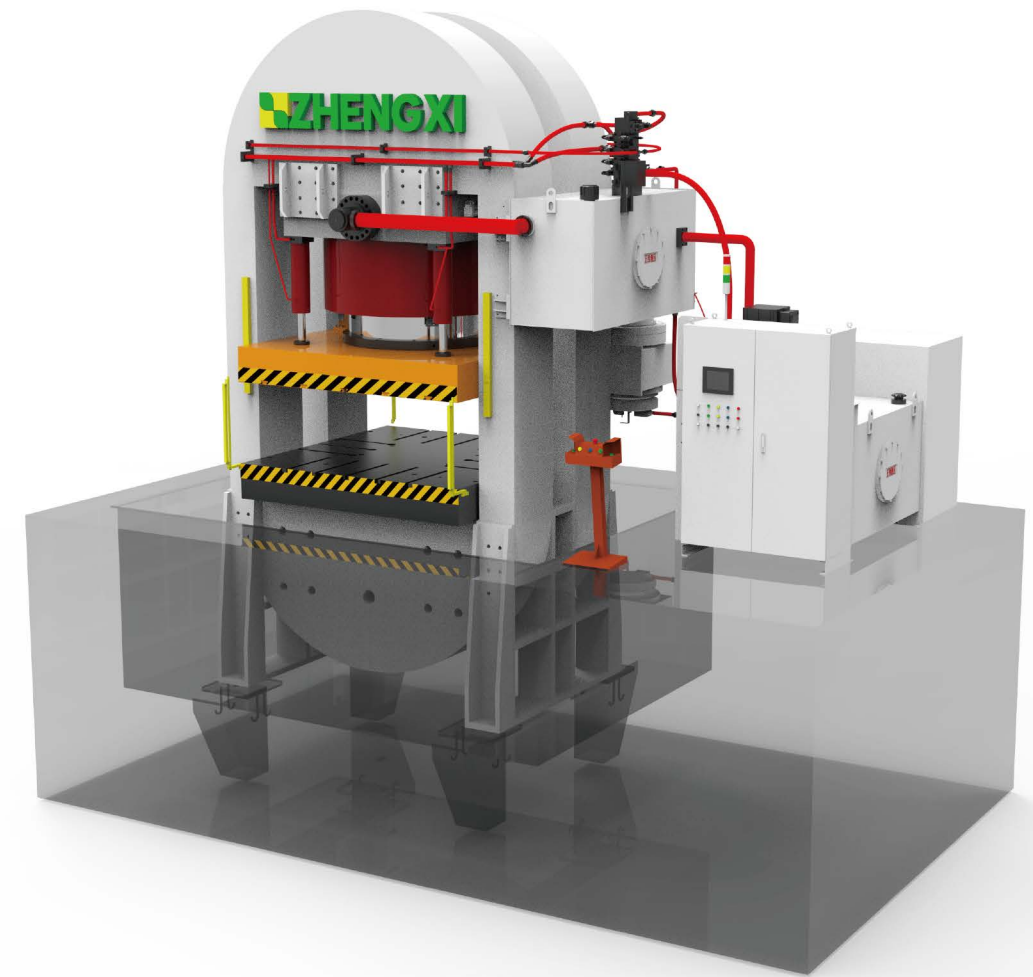
## Steel Wire Winding Hydraulic Press

### 性能特点

Performance Features

1. 采用超高压系统, 最大压强200Mpa;
2. 机身采用高强度合金钢锻件;
3. 钢丝缠绕预应力结构, 保证强度;
4. 油缸一体式锻件;
5. 伺服系统控制。

1. Adopt an ultra - high - pressure system with a maximum pressure of 200 Mpa;
2. The fuselage is made of high - strength alloy steel forgings;
3. The prestressed structure with steel wire winding ensures strength;
4. The oil cylinder is an integrated forging;
5. Controlled by a servo system.



### 应用领域

Application Areas

用于特殊金属压制成型, 粉末成型, 广泛用于军工、冶金行业等。

It is used for pressing and forming of special metals and powder forming, and is widely used in military and metallurgical industries, etc.



# 部分产品及应用

Some products and applications



## 标准配件

Standard fittings

 泰丰大通径插装阀 Large bore cartridge valves	 加强高精度滑块导向结构 Enhanced high-precision slider guide structure	 上限安全缸防止滑块下滑 Slider upper limit safety cylinder	 施耐德等电气元件 Schneider and other electrical components	 汇川伺服电机 Servo Motor
 制冷机 refrigerator	 汇川驱动器 Huichuan driver	 电控系统美观整洁 The electronic control system is beautiful and neat	 安全光幕确保人员安全 Safety light curtain ensures personnel safety	 爬坡式锁紧装置 Climbing locking device
 西门子触摸屏 Siemens touch screen	 活塞头采用铜材堆焊 The piston head is surfacing welded with copper	 快拆式精密过滤器 Quick disassembly precision filter	 西门子PLC Siemens PLC	 美国Parker/sunny油泵 American Parker/sunny oil pump

## 合作伙伴

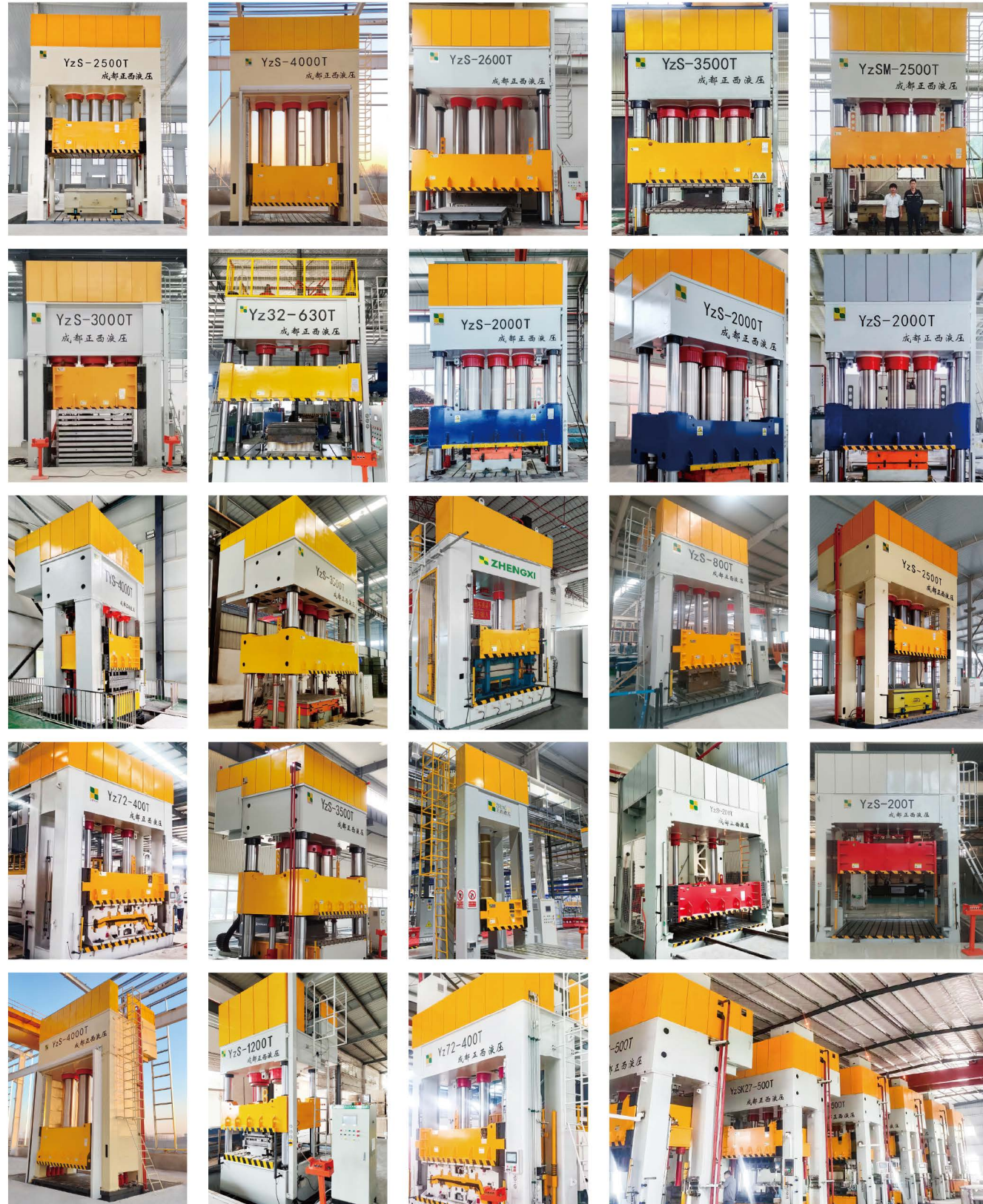
Cooperative partner



# 实机案例

Real machine case



## 技术参数(可定制)

Technical Parameters (customizable)

Yz27项目 (Project)	单位 (Unit)	200T	315T	500T	630T	800T	1000T	1250T	1600T	2000T	2400T
公称力 Nominal force	KN	2000	3150	5000	6300	8000	10000	12500	16000	20000	24000
回程力 Return force	KN	240	300	580	650	700	800	900	1000	1200	1500
滑块行程 Slide travel	mm	700	800	900	900	1000	1200	1200	1400	1600	1800
开口高度 Opening height	mm	1000	1200	1500	1500	1600	1800	1800	2000	2200	2400
液压垫公称力 Nominal force of hydraulic pad	KN	630	1000	2000	2500	3200	4000	5000	6300	8000	10000
滑块快下速度 Slider down speed	mm/s	300	300	300	400	400	400	400	400	400	400
滑块工作速度 Slider working speed	mm/s	21-35	15-25	18-28	20-32	18-28	16-26	14-23	18-28	18-28	19-30
滑块回程速度 Slider return speed	mm/s	300	250	240	300	320	310	300	400	400	400
液压垫上升速度 Hydraulic pad rise speed	mm/s	100	80	60	80	100	100	100	100	100	100
液压垫退回速度 Hydraulic pad return speed	mm/s	100	100	80	100	100	100	100	100	100	100
工作台左右尺寸 Table dimensions	mm	1000	1200	1400	2400	2800	3200	3400	3600	4000	4200
工作台前后尺寸 Table dimension	mm	940	1200	1400	1600	1800	2000	2200	2400	2400	2600
液压垫左右尺寸 Hydraulic pad dimensions	mm	650	820	970	2020	2320	2620	2770	2920	3220	3370
液压垫前后尺寸 Hydraulic pad front and rear dimensions	mm	650	820	970	1270	1270	1420	1570	1870	1870	1870
台面顶杆排布 Table top rod arrangement	mm	150X150	150X150	150X150	150X150	150X150	150X150	150X150	150X150	150X150	150X150
台面顶杆排数 Number of top bar rows	个	5*5	6*6	7*7	13*8	15*8	17*9	18*10	19*12	21*12	22*12
台面顶杆孔径 Table top rod bore	mm	Φ30	Φ40	Φ40	Φ40	Φ50	Φ50	Φ50	Φ50	Φ50	Φ50
总功率 Total power	KW	16	20	40	50	66	75	95	130	200	230