

**2026 上海宝马展**

**2026 Shanghai BMW**

**展品手册**

**Exhibition Catalogue**

四川卓远液压设备有限公司

Sichuan Zhuoyuan Hydraulic Equipment Co., Ltd.

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## 一、公司简介(Company Profile)

四川卓远液压设备有限公司是集液压缸及机电液集成液压控制系统设计、制造于一体的专业企业。公司主营各类液压缸及机电液集成液压控制系统，最大提升吨位可达 600T，并可根据用户工况要求非标设计制造各类液压缸及机电液集成液压控制系统，产品广泛应用于大型钢结构、桥梁、机器人、起重与工程支撑、冶金轧机等工程领域。

Sichuan Zhuoyuan Hydraulic Equipment Co., Ltd. is a specialized enterprise integrating the design and manufacturing of hydraulic cylinders and electromechanical-hydraulic integrated hydraulic control systems. The company primarily produces various types of hydraulic cylinders and electromechanical-hydraulic integrated hydraulic control systems, with a maximum lifting capacity of up to 600 tons. Furthermore, the company offers customized design and manufacturing of these products tailored to the specific operating requirements of its customers. Its products are widely applied in diverse engineering fields, including large-scale steel structures, bridges, robotics, lifting and engineering support systems, and metallurgical rolling mills.

## 二、展品总览(Exhibit Overview)

本次展品手册共 7 项展品，涵盖提升千斤顶、关节油缸、桥梁顶推系统及冶金轧机油缸等液压设备与元件，具体如下。

This exhibition catalog features seven exhibits, covering hydraulic equipment and components—including hydraulic jacks, joint hydraulic cylinders, bridge pushing systems, and metallurgical rolling mill hydraulic cylinders—as detailed below.

表 1 展品总览

| 序号 | 产品名称       | 型号规格               | 单位 | 数量 | 外形尺寸(mm)      | 重量(kg) |
|----|------------|--------------------|----|----|---------------|--------|
| 1  | 200T 提升千斤顶 | ZYT3000-200        | 套  | 1  | φ570*2300mm   | 985    |
| 2  | 重载膝关节油缸    | CYJ7844-38/16-2×50 | 支  | 1  | 300*50*75mm   | 1.25   |
| 3  | 三维千斤顶系统    | ZY-300T-00         | 套  | 1  | 900*750*1060  | —      |
|    |            | ZY-XDBZ-B          | 套  | 1  | 480*420*555mm | —      |
| 4  | 前支腿油缸      | CYJ8330-220/80-670 | 支  | 1  | Φ410*1230mm   | 380    |
| 5  | 上支承辊平衡缸    | CYJ7793-32/22-41   | 支  | 1  | 180*80*90mm   | —      |
| 6  | 上中间辊弯辊缸    | CYJ7791-30/20-30   | 支  | 1  | 180*140*125mm | —      |
| 7  | 工作辊弯辊缸     | CYJ7789-30/20-2×8  | 支  | 1  | 180*180*182mm | —      |

### 三、展品详情

#### (一) 200T 提升千斤顶(200T lifting jack)



图 1 200T 提升千斤顶

| 型号规格        | 单位 | 数量 | 外形尺寸(mm)    | 重量(kg) |
|-------------|----|----|-------------|--------|
| ZYT3000-200 | 套  | 1  | φ570*2100mm | 985    |

#### 产品介绍

200T 提升千斤顶采用计算机集群控制与液压同步技术，实现大吨位构件的高空精准同步提升与就位，适用于大型钢结构与桥梁工程。公司最大提供吨位达 600T。我公司可按照用户工况要求，非标设计制造各类液压缸及机电液集成液压控制系统。

Product Introduction: The 200T lifting jack employs computerized cluster control and hydraulic synchronization technology to achieve precise, synchronized lifting and positioning of high-tonnage components at elevated heights, making it ideal for large-scale steel structure and bridge engineering projects. Our company offers models with a maximum capacity of up to 600T. Furthermore, we can provide customized design and manufacturing of various hydraulic cylinders and integrated electromechanical-hydraulic control systems tailored to the specific operational requirements of our customers.

#### (二) 重载膝关节油缸(Heavy-duty knee joint cylinder)



图 2 重载膝关节油缸

| 型号规格               | 单位 | 数量 | 外形尺寸(mm)    | 重量(kg) |
|--------------------|----|----|-------------|--------|
| CYJ7844-38/16-2×50 | 支  | 1  | 300*50*75mm | 1.25   |

### 产品介绍

重载膝关节油缸专为机器人关节驱动设计，采用高强度铝合金与钛合金材质，兼具大推力、高承载及轻量化紧凑特性。公司具备各类关节油缸的批量设计与生产能力，广泛应用于机器人领域。我公司可按照用户工况要求，非标设计制造各类液压缸及机电液集成液压控制系统。

Product Introduction: Our heavy-duty knee joint hydraulic cylinders are specifically designed for robotic joint drive applications. Constructed from high-strength aluminum alloy and titanium alloy, these cylinders offer high thrust, high load capacity, as well as lightweight and compact characteristics. Our company possesses the capability for both batch design and production of a wide range of joint hydraulic cylinders, which are widely utilized in the robotics sector. We also provide customized design and manufacturing services for various hydraulic cylinders and electromechano-hydraulic integrated control systems, tailored to meet specific operational requirements of our customers.

### (三) 三维千斤顶系统(3D jack system)



图 3 三维千斤顶系统

| 型号规格       | 单位 | 数量 | 外形尺寸(mm)      | 重量(kg) |
|------------|----|----|---------------|--------|
| ZY-300T-00 | 套  | 1  | 900*750*1060  | —      |
| ZY-XDBZ-B  | 套  | 1  | 480*420*555mm | —      |

## 产品介绍

三维千斤顶为桥梁专用顶推液压设备，搭载高精度传感单元，实时采集压力、位移信号，实现姿态闭环控制；顶推平稳安全，多维度轴线调节便捷，用于桥梁及钢结构顶升、姿态纠偏，可配套机电液集成控制系统完成多点同步作业。我公司可按照用户工况要求，非标设计制造各类液压缸及机电液集成液压控制系统。

Product Introduction: The 3D jack is a specialized hydraulic pushing device for bridges, equipped with a high-precision sensing unit that continuously collects pressure and displacement signals in real time, enabling closed-loop attitude control. It ensures smooth and safe pushing operations, features convenient multi-dimensional axis adjustment, and is suitable for lifting and attitude correction of bridges and steel structures. It can also be integrated with an electromechanical-hydraulic integrated control system to facilitate multi-point synchronous operations. Our company offers customized design and manufacturing of various hydraulic cylinders and electromechanical-hydraulic integrated control systems, tailored to the specific operating requirements of our customers.

## （四）前支腿油缸(Front leg oil cylinder)



图 4 前支腿油缸

| 型号规格               | 单位 | 数量 | 外形尺寸(mm)    | 重量(kg) |
|--------------------|----|----|-------------|--------|
| CYJ8330-220/80-670 | 支  | 1  | Φ410*1230mm | 380    |

## 产品介绍

前支腿油缸专为重型工程支撑场景设计，核心功能是将液压能转化为直线机械能，为起重机、架桥机、泵车等大型工程装备提供大吨位、稳定可靠的前支腿支撑。该油缸采用梯形螺纹自锁锁紧，可与液压系统配合实现液压保压与机械锁止双重保障，彻底规避传统纯液压锁紧的泄漏失压风险，有效防止作业过程中支腿回缩、设备倾覆，保障长时间支撑工况下的安全性与稳定性。我公司可按照用户工况要求，非标设计制造各类液压缸及机电液集成液压控制系统。

**Product Introduction:** The front support cylinder is specifically designed for heavy-duty engineering support applications. Its core function is to convert hydraulic energy into linear mechanical energy, providing high-tonnage, stable, and reliable front support for large-scale engineering equipment such as cranes, bridge lifting machines, and pump trucks. This cylinder employs a trapezoidal thread self-locking mechanism, which, when integrated with a hydraulic system, offers dual protection—hydraulic pressure hold and mechanical locking. This design completely eliminates the leakage and pressure loss risks associated with traditional purely hydraulic locking mechanisms, effectively preventing support leg retraction and equipment overturning during operation, thereby ensuring safety and stability under prolonged support conditions. Our company also offers customized design and manufacturing of various hydraulic cylinders and electromechanical-hydraulic integrated hydraulic control systems tailored to specific user requirements.

### （五）上支承辊平衡缸(Upper support roller balancing cylinder)

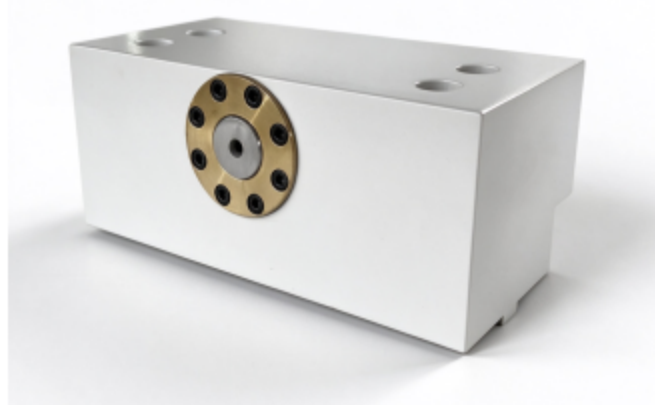


图 5 上支承辊平衡缸

| 型号规格             | 单位 | 数量 | 外形尺寸(mm)    | 重量(kg) |
|------------------|----|----|-------------|--------|
| CYJ7793-32/22-41 | 支  | 1  | 180*80*90mm | —      |

### 产品介绍 (Product Presentation)

上支承辊平衡缸是轧机配套液压执行元件，用于支承辊组的重量平衡与辊系预紧，抵消辊系自重，消除轴承间隙，稳定轧制间隙，减小轧制冲击，保障轧制过程平稳。油缸采用集成镶块箱体结构，刚性强、响应快，可承受交变载荷，适配冶金轧机

连续生产工况。我公司可按照用户工况要求，非标设计制造各类液压缸及机电液集成液压控制系统。

The upper support roller balancing cylinder is a hydraulic actuator component for rolling mills, designed to achieve weight balance within the support roller assembly, provide pre-tensioning for the roller system, counteract the self-weight of the rollers, eliminate bearing clearances, stabilize the rolling gap, reduce rolling impacts, and ensure a smooth rolling process. The cylinder features an integrated insert-type housing structure, offering high rigidity, rapid response, and the capability to withstand alternating loads, making it well-suited for the continuous production requirements of metallurgical rolling mills. Our company can also provide customized design and manufacturing of various hydraulic cylinders and electromechanical-hydraulic integrated hydraulic control systems, tailored to the specific operating conditions of our customers.

#### （六）上中间辊弯辊缸（Upper intermediate roller bending cylinder）

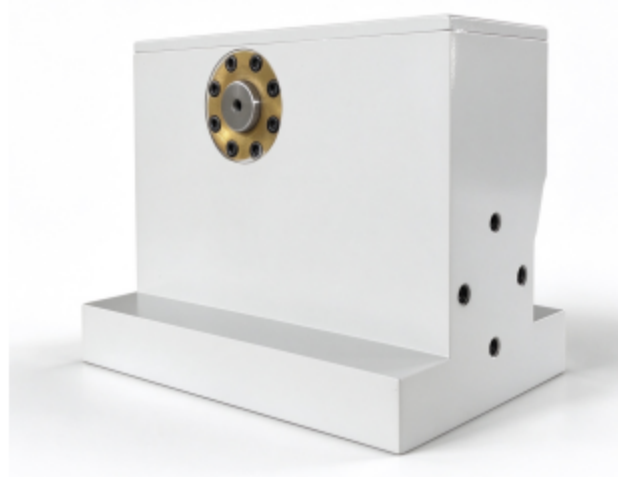


图 6 上中间辊弯辊缸

| 型号规格             | 单位 | 数量 | 外形尺寸(mm)      | 重量(kg) |
|------------------|----|----|---------------|--------|
| CYJ7791-30/20-30 | 支  | 1  | 180*140*125mm | —      |

#### 产品介绍

上中间辊弯辊缸是六辊冷轧机板形控制核心液压元件，用于上中间辊辊形调节，输出可控弯辊力，改变辊体挠曲，优化辊间压力分布，配合工作辊弯辊改善板带凸度与复杂板形缺陷，拓宽板形调控区间。油缸采用集成镶块箱体结构，刚性好、响应快，可承受高频交变冲击载荷，适配冷轧产线连续生产工况。我公司可按照用户工况要求，非标设计制造各类液压缸及机电液集成液压控制系统。

The upper intermediate roll bending cylinder is the core hydraulic component for sheet shape control in a six-roll cold rolling mill. It is designed to adjust the roll profile of the upper intermediate roll, deliver controllable bending force, modify the roll curvature, optimize the inter-roll pressure distribution, and, in conjunction with the working roll bending mechanism, improve the profile convexity and rectify defects in complex sheet profiles, thereby expanding the controllable range of sheet shape. The cylinder employs an integrated insert-type housing structure, offering high rigidity, rapid response, and the capability to withstand high-frequency alternating impact loads, making it well-suited for continuous production operations in cold rolling lines. Our company can provide customized design and fabrication of various hydraulic cylinders as well as electromechanical-hydraulic integrated hydraulic control systems, tailored to the specific operational requirements of our customers.

### (七) 工作辊弯辊缸(Work Roll Bending Cylinder)

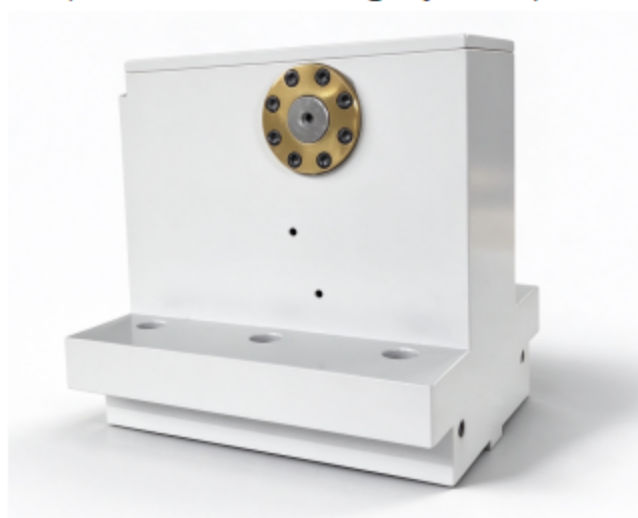


图 7 工作辊弯辊缸

| 型号规格              | 单位 | 数量 | 外形尺寸(mm)      | 重量(kg) |
|-------------------|----|----|---------------|--------|
| CYJ7789-30/20-2×8 | 支  | 1  | 180*180*182mm | —      |

#### 产品介绍

工作辊弯辊缸是轧机核心液压执行元件，用于冷热轧板材轧机工作辊辊形调节，输出可控弯辊力，改变辊体挠曲变形，补偿辊系弹性形变，控制板带凸度，改善边浪、中浪等板形缺陷，保证板材轧制平直度。油缸采用集成镶块箱体结构，刚性强、响应快，可承受高频交变冲击载荷，适配冶金轧线连续生产。我公司可按照用户工况要求，非标设计制造各类液压缸及机电液集成液压控制系统。

Product Introduction: The work roll bending cylinder is the core hydraulic actuator of a rolling mill, designed for roll profile adjustment of work rolls in both hot and cold

plate rolling mills. It delivers controllable bending force to alter the deflection of the roll body, compensate for elastic deformation of the roll system, regulate the profile convexity of the plate/strip, mitigate surface defects such as edge waves and center waves, and thereby ensure the flatness of the rolled plate. The cylinder features an integrated insert-type housing structure, offering high rigidity, rapid response, and the capability to withstand high-frequency alternating impact loads, making it well-suited for continuous production in metallurgical rolling lines. Our company also provides customized design and manufacturing of various hydraulic cylinders and electromechano-hydraulic integrated control systems, tailored to the specific operating requirements of our customers.