

JIANSHENG

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Excellent Quality · Win-Win Cooperation

PRODUCT BROCHURE
产品宣传册



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郑州坚盛液压科技有限公司
Zhengzhou Jiansheng Hydraulic Technology Co., Ltd



OUR BUSINESS

企业介绍

About Jiansheng

关于坚盛

郑州坚盛液压科技有限公司自2017年成立以来，迅速崛起为智能液压领域的创新引领者，专注于智能液压系统的深度研发、精密制造与全球销售，致力于为全球客户提供一站式整体解决方案。公司拥有一支由资深软件、机械、液压及电气工程师组成的专业团队，凭借精湛技术、严苛质量管控和高效售后服务，赢得了广大客户的高度信赖。产品矩阵全面多元，涵盖移动式履带行走液压系统、单缸及多缸组合润滑系统、工程机械液压系统、复合型圆锥润滑系统、制砂机润滑系统、矿山自动化生产线及各类非标定制液压系统。为满足不断升级的市场需求，公司持续引进国内外先进技术，强化创新驱动，推动核心产品向高端制造领域迈进。郑州坚盛液压科技有限公司始终秉承“服务先行、客户至上”的宗旨，期待与您携手合作，共创辉煌。

Since its founding in 2017, Zhengzhou Jiansheng Hydraulic Technology Co., Ltd. has become a leader in intelligent hydraulics, specializing in the R&D, precision manufacturing, and global sales of intelligent hydraulic systems while offering one-stop solutions worldwide. Our expert team of senior software, mechanical, hydraulic, and electrical engineers ensures superb technology, strict quality control, and efficient after-sales service, earning strong customer trust across a diverse product range including mobile crawler hydraulic systems, lubrication systems, construction machinery hydraulics, mining automation lines, and custom solutions. By continuously integrating advanced technologies to drive our products toward high-end manufacturing, we adhere to the principle of "Service First, Customer Foremost" and look forward to partnering with you for a brilliant future.

深耕行业

15年

服务客户

500家

年交付能力

3000套



服务于4大领域

Serving Four Major Fields



矿山液压润滑
Mining Hydraulic Lubrication



履带行走系统
Track Travel Hydraulic System



非标液压站
Hydraulic Power Station



非标液压缸
Non-standard Hydraulic Cylinder



坚守品质，盛启未来

Steadfast in Quality, Pioneering the Future.

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单缸圆锥破碎机液压润滑组合系统

HYDRAULIC SYSTEM FOR SINGLE-CYLINDER CONE CRUSHER



单缸圆锥破碎机油站作为设备的“动力中枢与润滑保障系统”，承担着液压驱动、关键部件润滑及油液温控等核心功能。在矿山、骨料加工等重载、多尘的作业环境中，油站易因油液污染、部件磨损、参数漂移等问题出现故障，直接影响破碎机的运行稳定性。

The oil station of the single-cylinder cone crusher serves as the "power center and lubrication guarantee system" of the equipment, undertaking core functions such as hydraulic drive, lubrication of key components, and oil temperature control. In heavy-load, dusty operating environments such as mining and aggregate processing, the oil station is prone to failures due to issues like oil contamination, component wear, and parameter drift, directly affecting the operational stability of the crusher.

相关总成配件

RELEVANT ASSEMBLY PARTS



散热器 Radiator



触摸屏 Touchscreen



软启动柜 Soft Starter Cabinet



万高电机 WEG motor



油泵 Oil pump



阀组 Valve block

主要功能 MAIN FUNCTIONS

润滑散热

通过持续向设备内部的球面轴承、主轴衬套、传动轴衬套以及大小锥齿轮喷洒润滑油，形成油膜，减少金属部件之间的直接摩擦，防止异常磨损。并通过风冷却器对油液进行降温，防止因过热导致部件损坏或润滑油失效。

过铁释放保护

当不可破碎异物（如金属块）进入时，液压缸可快速升起动锥，扩大排料口以释放异物，并在异物排出后自动复位。

清腔功能

如果设备因突发停机（如停电）导致破碎腔被物料卡死，可以通过液压系统主动提升主轴，进一步扩大排料口，让堆积的物料排出，使设备恢复正常启动状态。

排料口调节

通过液压缸向主轴底部注油或排油，精确控制动锥的上升或下降，从而实时调整排料口的大小，以控制出料粒度和产量。

Lubrication & Cooling

Continuous oil spray on bearings, bushings, and bevel gears forms an oil film to reduce metal friction and prevent wear. An air cooler lowers oil temperature to avoid overheating damage.

Iron Pass Protection

When uncrushable objects (e.g., metal) enter, hydraulic cylinder lifts the cone to widen discharge opening. After ejection, the crusher auto-resets.

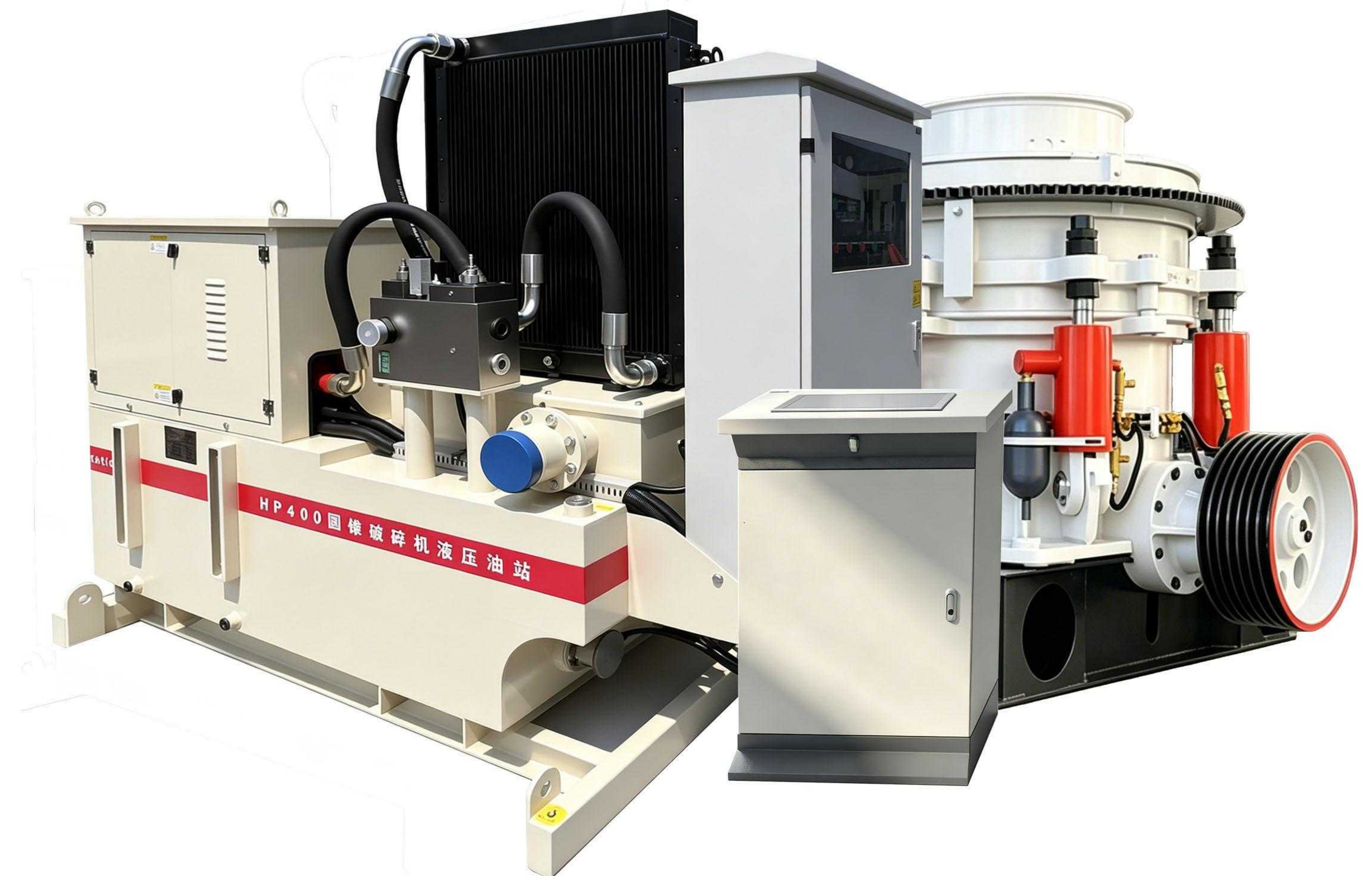
Clearing Chamber

During an unexpected stop (e.g., power outage), hydraulic system lifts the main shaft to enlarge opening, clearing jammed material and restoring normal startup.

Discharge Opening Adjustment

Oil is added or drained from the hydraulic cylinder below the main shaft to precisely raise/lower the cone, adjusting opening size in real time for desired output and particle size.

多缸圆锥破碎机液压润滑组合系统 MULTI-CYLINDER CONE CRUSHER HYDRAULIC SYSTEM



多缸液压润滑系统沿用国外经典液压润滑控制原理，将压力油路及润滑油路高度集成一体，采用高品质国际通用螺纹插装阀并采用阀岛形式，体积更小，集成度更高。冷却系统可独立放置，冷却效果显著。回油配备磁性过滤网，便于排出杂质。具有结构紧凑、动作响应快、工作稳定等特点。

Built on proven foreign hydraulic-lubrication control principles, this system integrates pressure and lubrication circuits into a compact valve island with high-quality cartridge valves. It features an independent cooler for superior cooling, a magnetic return-line strainer for contaminant removal, and offers compactness, fast response, and reliable operation.

相关总成配件 RELEVANT ASSEMBLY PARTS



散热器 Radiator



触摸屏 Touchscreen



软启动柜 Soft Starter Cabinet



万高电机 WEG motor

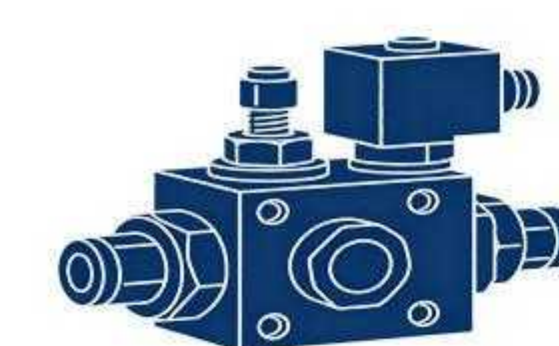


油泵 Oil pump



阀组 Valve block

主要功能 MAIN FUNCTIONS



液
压
作
用
HYDRAULIC ACTION

润
滑
作
用
LUBRICATION

- 调整排料口 Discharge Adjustment**
驱动主轴或定锥衬板升降，从而精确控制产品粒度。
Raises/lowers main shaft or cone liner for precise particle size control.
- 锁紧 Locking**
利用液压锁紧缸提供强大的锁紧力，防止排料口松动。
Hydraulic cylinders clamp firmly to prevent opening shift.
- 清腔 Cavity Clearing**
当破碎机因过载或停电导致腔内卡料时，抬升部件，排出堵矿物料。
Lifts components to eject jammed material after overload or power failure.
- 过铁保护 Tramp Iron Release**
当不可破碎的金属异物进入破碎腔时，瞬间打开排料口，之后自动复位。
Instantly opens then auto-resets when metal enters cavity.
- 润滑铜套 Bushing Lubrication**
向偏心轴套与机架衬套持续供油，减少铜套摩擦。
Continuous oil feed to eccentric and frame bushings reduces wear.
- 润滑齿轮 Gear Lubrication**
为圆锥齿轮啮合面提供强制润滑，降低齿轮磨损。
Forced oil supply to bevel gears minimizes tooth wear.
- 冷却过滤润滑油液 Oil Cooling & Filtration**
通过油站内的油冷却器（风冷或水冷）和过滤器，降温除杂，保证油质清洁。
Cooler (air/water) and filter maintain oil temperature and cleanliness.



液压润滑控制系统 Hydraulic-Lubrication Control System

弹簧圆锥破碎机润滑系统

LUBRICATION SYSTEM OF SPRING CONE CRUSHER



技术参数

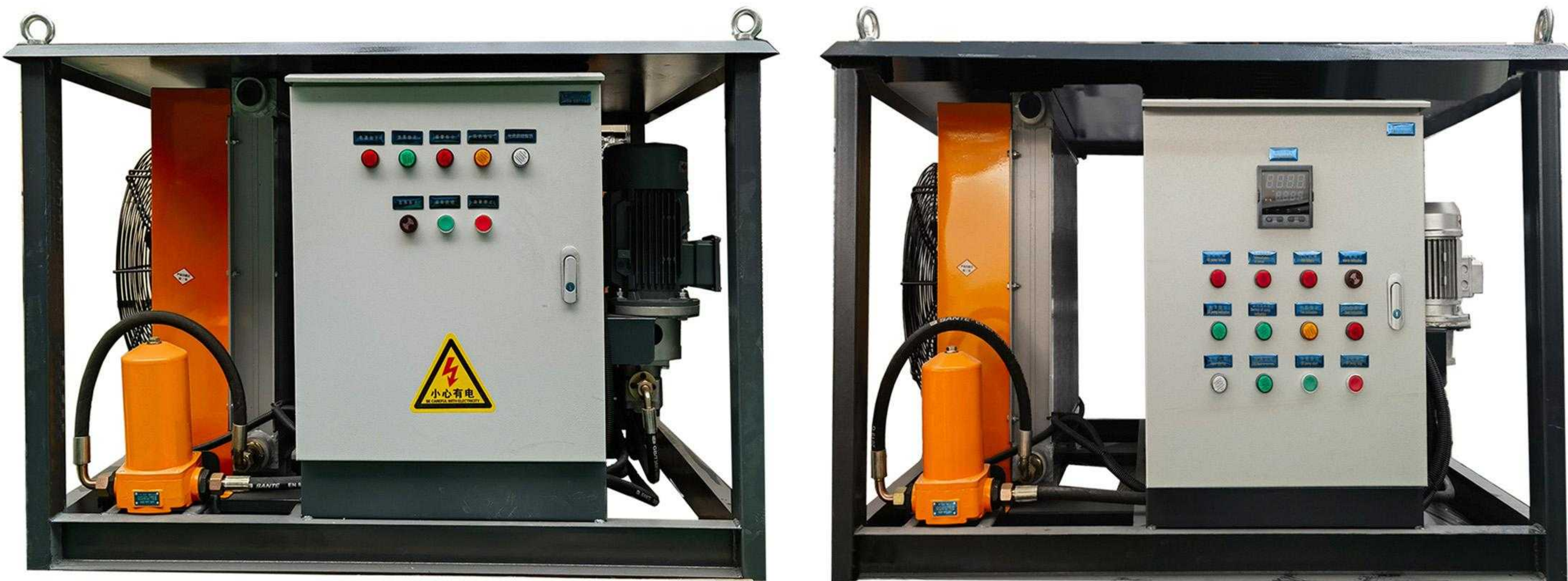
TECHNICAL PARAMETERS

型号 Model	16L	型号 Model	25L
润滑电机 Motor lubrication	1.5kw*2	润滑电机 Motor lubrication	1.5kw*2
油泵排量 Oil pump displacement	16L/min	油泵排量 Oil pump displacement	25L/min
工作压力 Working pressure	0.4~0.8MPa	工作压力 Working pressure	0.4~0.8MPa
油箱容积 Tank capacity	350L	油箱容积 Tank capacity	350L
型号 Model	63L	型号 Model	125L
润滑电机 Motor lubrication	3kw*2	润滑电机 Motor lubrication	4kw*2
油泵排量 Oil pump displacement	63L/min	油泵排量 Oil pump displacement	125L/min
工作压力 Working pressure	0.4~0.8MPa	工作压力 Working pressure	0.4~0.8MPa
油箱容积 Tank capacity	650L	油箱容积 Tank capacity	900L

弹簧圆锥破碎机稀油润滑站由过滤器、油泵电机组、回油浮球油漂检测开关、压力开关、 加热器、温度仪表、温度传感器等构成;系统具备浮球油漂、压力开关、油温自动控制并报警，确保主轴润滑始终处于最佳状态。使主轴轴承保持在最佳温度范围内，

The dilute oil lubrication station of the spring cone crusher consists of a filter, oil pump motor unit, return oil float switch, pressure switch, heater, temperature gauge, temperature sensor, and other components. The system is equipped with float switch, pressure switch, and automatic oil temperature control and alarm functions to ensure that the spindle lubrication is always in optimal condition. This keeps the spindle bearing within the optimum temperature range and extends the service life of the equipment.

制砂机稀油润滑站
SAND MAKER OIL LUBRICATION STATION



PLC型 PLC Type

数显型 Digital Display Type

- 1. 采用一体式结构设计，在保证设备可靠润滑和液压需求的前提下，结构更加紧凑，减少润滑油用量，安装空间更小。
- 2. 操作更加简单，运行更加稳定。
- 3. 通过设置润滑油散热装置对循环润滑的润滑油进行散热，以有效避免润滑油的温度过高从而保证润滑油的润滑效果，进而提高制砂机性能。
- 4. 考虑到冬季或寒冷地区润滑油加热的需求，润滑泵站配套自动加热装置，同时应具备润滑油强制散热功能，防止轴承高温烧坏。
- 5. 系统能实时监测润滑系统压力、流量、温度等，具有故障诊断及报警功能。

- 1.Integrated design for a more compact structure, reducing oil consumption and installation space while ensuring reliable lubrication and hydraulic performance.
- 2.Simpler operation and more stable running.
- 3.Built-in oil cooling system to dissipate heat from circulating oil, preventing oil from overheating and maintaining lubrication efficiency, thus enhancing crusher performance.
- 4.Automatic heating device for cold climates (winter/cold regions), combined with forced oil cooling to prevent bearing damage from high temperatures.
- 5.Real-time monitoring of oil pressure, flow rate, and temperature, with fault diagnosis and alarm functions.

技术参数
TECHNICAL PARAMETERS

型号 Model	JS-9.6	电机转速 Motor Speed	1450r/min
电压 Voltage	380V	润滑压力 Lubrication Pressure	0.5mpa
工作流量 Working Flow Rate	9.6L/min	油箱容积 Oil Tank Capacity	200L
使用油牌号 Recommended Oil Grade	46#	定期换油 Regular Oil Change	6 个月 6month
外形尺寸 Overall Dimensions	1100*1200*800		



润滑控制系统 Lubrication Control System

对辊破碎机液压系统
HYDRAULIC SYSTEM OF ROLL CRUSHER



油缸 Hydraulic cylinder



蓄能器 Accumulator



蓄能器底座 Accumulator base

精确调距：可以在操作室远程调节两辊之间的缝隙，精确控制出料粒度。

过载保护：遇到压不碎的硬物（如铁块），液压系统会瞬间让辊轮退让，让硬物通过，避免设备卡死或损坏；硬物排出后，系统自动恢复正常工作。

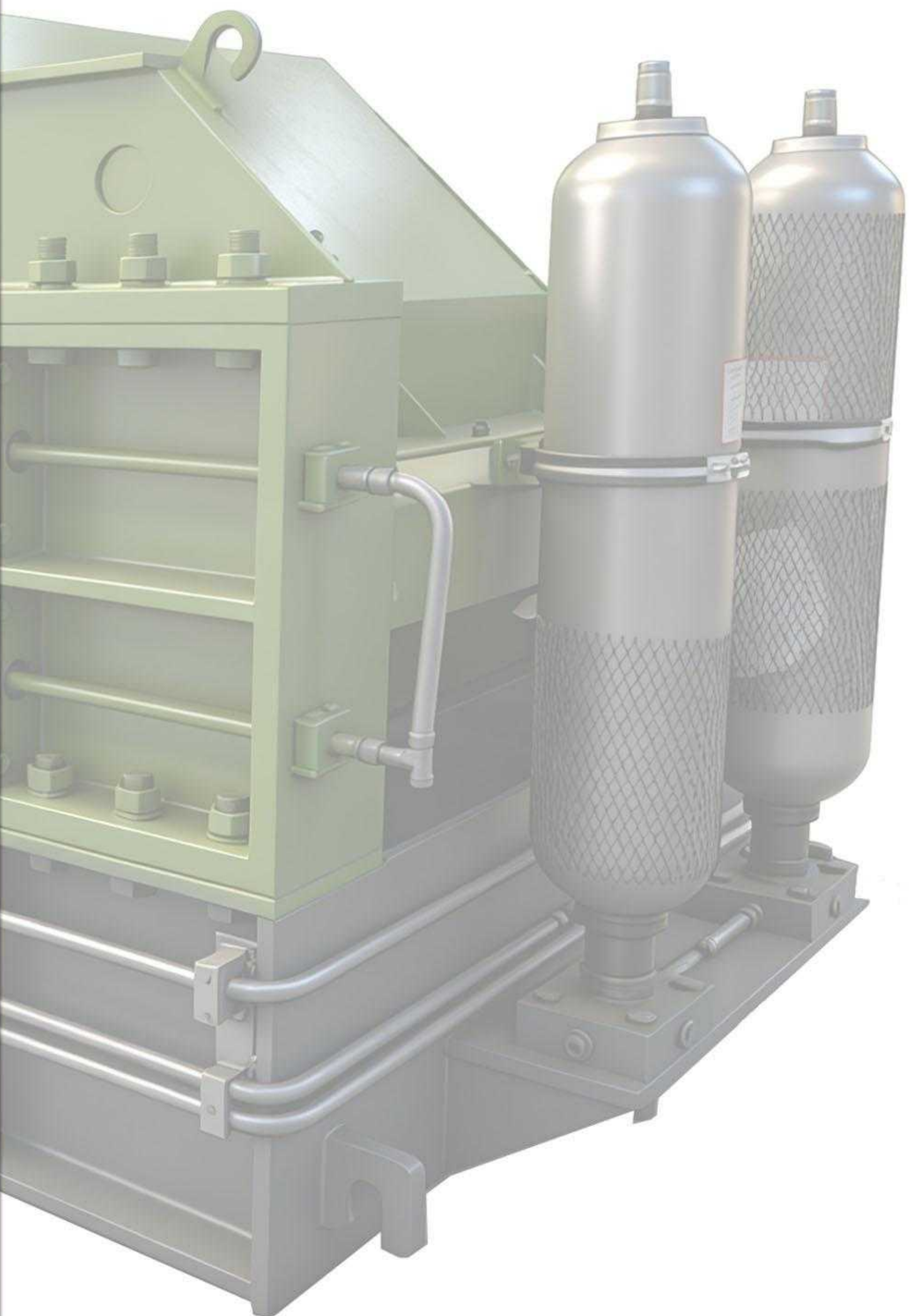
同步功能：系统能自动平衡两侧的受力，有效防止因物料分布不均导致的辊子倾斜。

Precise gap adjustment: Remotely adjust the roll gap from the control room to precisely control output particle size.

Overload protection: When encountering an uncrushable object (e.g., a piece of iron), the hydraulic system instantly retracts the rolls to let it pass, preventing jamming or damage. The system then automatically resets.

Synchronization function: The system automatically balances forces on both sides, effectively preventing roll skew caused by uneven material distribution.

专利证书
PATENT CERTIFICATE



技术参数
TECHNICAL PARAMETERS

电机功率 Motor power	4KW	电机电压 Motor voltage	380V
油泵排量 Oil pump displacement	14.5L/min	额定压力 Rated pressure	16MPA
油箱容积 Tank capacity	150L	工作压力 Working pressure	10-13MPA
控制电压 Control voltage	24V	定期保养 Regular maintenance	六个月 Six months
使用油号 Oil grade	46#	液压加电器 Electro-hydraulic integrated	一体 Integrated

履带行走液压系统非标定制

CUSTOM NON-STANDARD CRAWLER TRAVEL HYDRAULIC SYSTEM

电比例控制

Electro-proportional control

通过电液比例控制技术与电磁阀协同调节流量，提升行驶的同步性及转向响应速度与精度。
Electro-hydraulic proportional control and solenoid valves regulate flow, improving travel synchronization and steering responsiveness and precision.

定制动力模式

Customized Power Mode

可根据不同工况定制柴油机款，电机款，双动力款

Available in diesel, electric, and dual-power versions to suit various operating conditions.

无线遥控行走

Wireless Remote Travel

行走系统的操控信号可通过电信号传输，可远离设备进行行走控制。

The travel system can be controlled remotely via electrical signals, allowing operation from a safe distance.



负载敏感

Load-Sensing System

通过感应负载的实际需求，提供系统所需的压力和流量。

It senses load demand and supplies the required pressure and flow.

状态检测

Condition Monitoring

实时监测运行状态，实现远程故障诊断及预防性维护。

Real-time monitoring enables remote fault diagnosis and preventive maintenance.

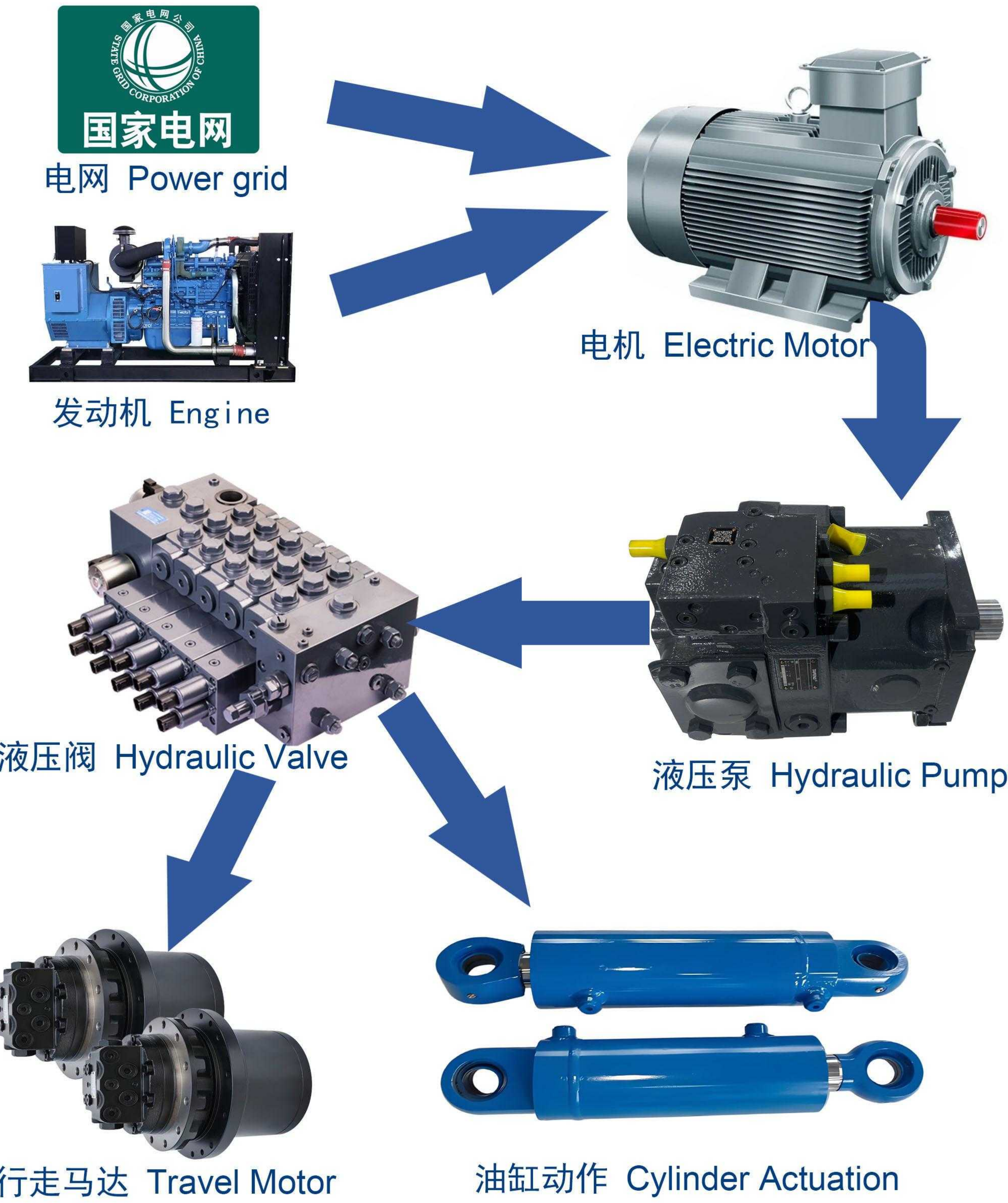
多动作协作

Multi-Action Coordination

可通过多路阀实现功率的灵活分配，在行走的同时，还能进行其他执行动作。

The multi-section valve enables flexible power distribution, allowing other functions to operate during travel.

电驱履带行走液压系统
ELECTRIC-DRIVEN CRAWLER TRAVEL HYDRAULIC SYSTEM

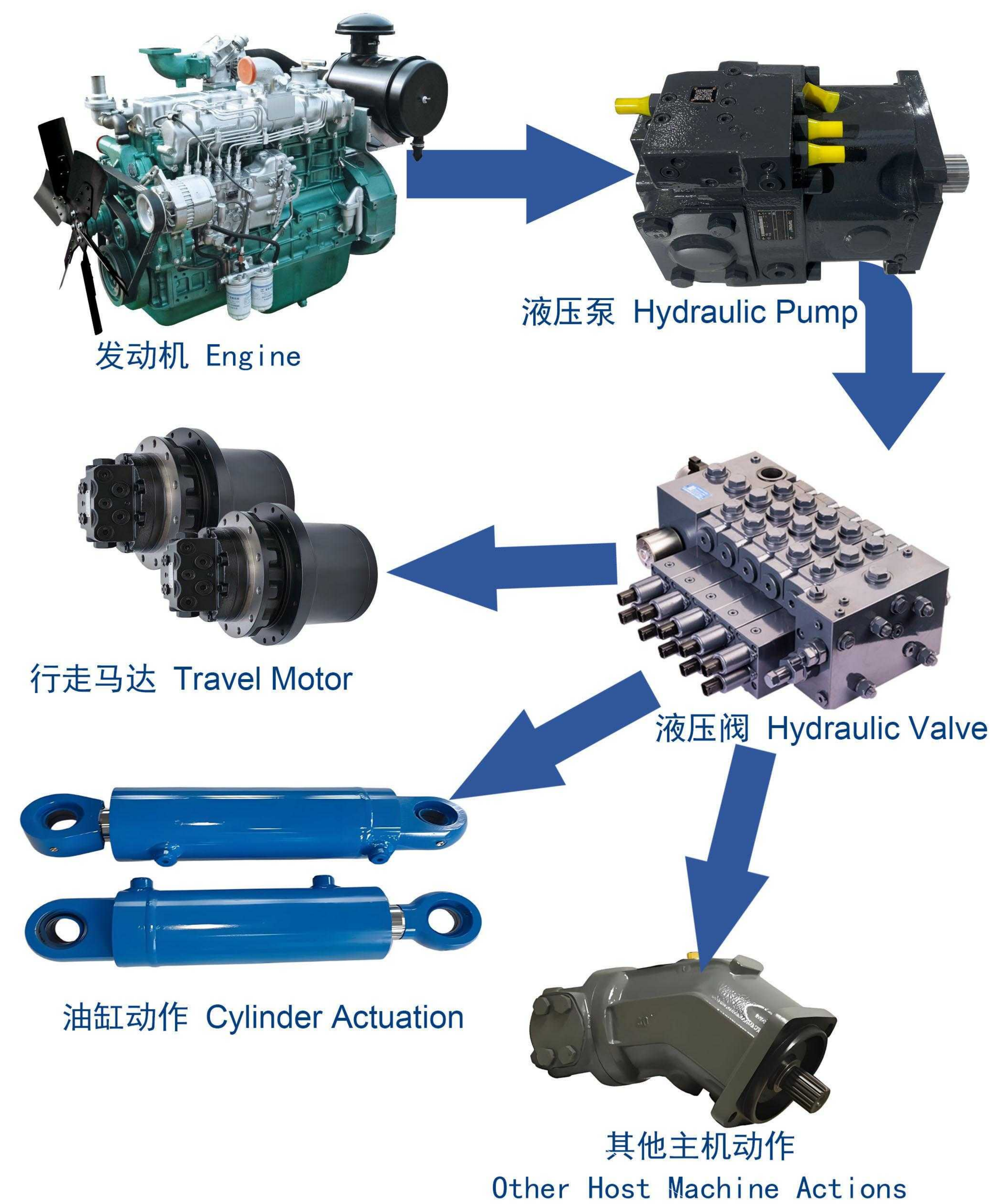


技术参数
TECHNICAL SPECIFICATIONS

参数名称 Parameter	参数值 Value	备注 Remarks
行走额定工作压力 Travel Rated Pressure	280/350 BAR	与主机爬吨位及坡能力匹配 Matched with Host Gradeability
单边额定流量 Rated Flow (per Side)	50/75/120 BAR	与主机行走速度匹配 Matched with Host Travel Speed
行走速度 Travel Speed	双速切换+比例调速 2-Speed Switching + Proportional Control	
电机功率 Motor Power	45、55、75、90KW	根据主机要求选配 Optional per Host Requirements
液压油箱容积 Tank Capacity	160L、180L、210L	可选 Optional
油泵排量 Pump Displacement	95、71、112、80	可选 Optional
液压调速方式 Speed Control Type	负载敏感比例调速 Load-Sensing Proportional Speed Control	
辅助动力输出压力 Auxiliary Output Pressure	0-220BAR	根据主机要求设定 Set per Host Requirements
辅助动力输出流量 Auxiliary Output Flow	0-40L/MIN	根据主机要求设定 Set per Host Requirements



发动机驱动履带行走液压系统
ENGINE-DRIVEN CRAWLER TRAVEL HYDRAULIC SYSTEM



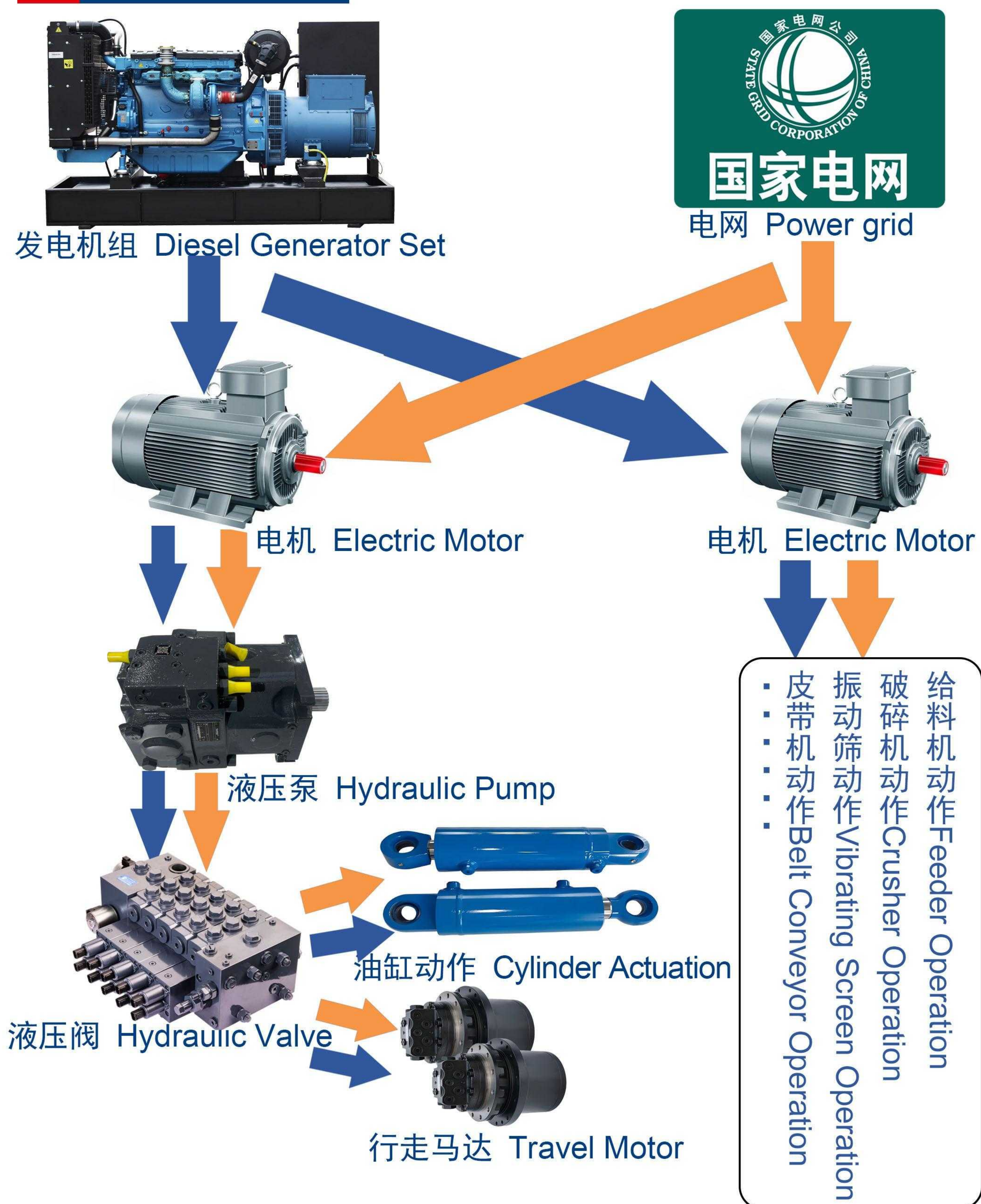
技术参数
TECHNICAL SPECIFICATIONS

参数名称 Parameter	参数值 Value	备注 Remarks
行走额定工作压力 Travel Rated Pressure	280/350BAR	与主机爬吨位及坡能力匹配 Matched with Host Gradeability
单边额定流量 Rated Flow (per Side)	50/75/120 L/MIN	与主机行走速度匹配 Matched with Host Travel Speed
行走速度 Travel Speed	双速切换+比例调速 2-Speed Switching + Proportional Control	
发动机功率段 Engine Power Range	100-180HP	根据主机需求匹配 Optional per Host Requirements
发动机品牌 Engine Brand	康明斯、玉柴、帕金斯、维柴 Cummins, Yuchai, Perkins, Weichai	可选 Optional
发动机排量 Engine Displacement	3.6-5.9L	可选 Optional
柴油机排放标准 Diesel Emission Standard	国Ⅲ,国Ⅳ China III, China IV	可选 Optional
燃油箱容积 Fuel Tank Capacity	135L	带油位传感器 With Oil Level Sensor
液压油箱容积 Tank Capacity	160L、180L、210L	可选 Optional
油泵排量 Pump Displacement	95、71、112、80	可选 Optional
液压调速方式 Speed Control Type	负载敏感比例调速 Load-Sensing Proportional Speed Control	
辅助动力输出压力 Auxiliary Output Pressure	0-220BAR	
辅助动力输出流量 Auxiliary Output Flow	0-40L/MIN	可根据主机要求设定 Set per Host Requirements



油电双动力液压系统

OIL-ELECTRIC DUAL-POWER HYDRAULIC SYSTEM



产品特点

Product Features

- ①设备自载的发电机组来为各个设备供电并且也可切换到电网供电，更具灵活性和效率。
- ②液压系统仅局限于履带行走和液压油缸调节，简化和减少液压系统在设备上的分布，降低设备维护的复杂性。
- ③设备保留了履带式设备移动转场便捷、现场快速生产的优越性。
- ④设备工作时使用外接电源驱动，能耗成本大幅度降低。

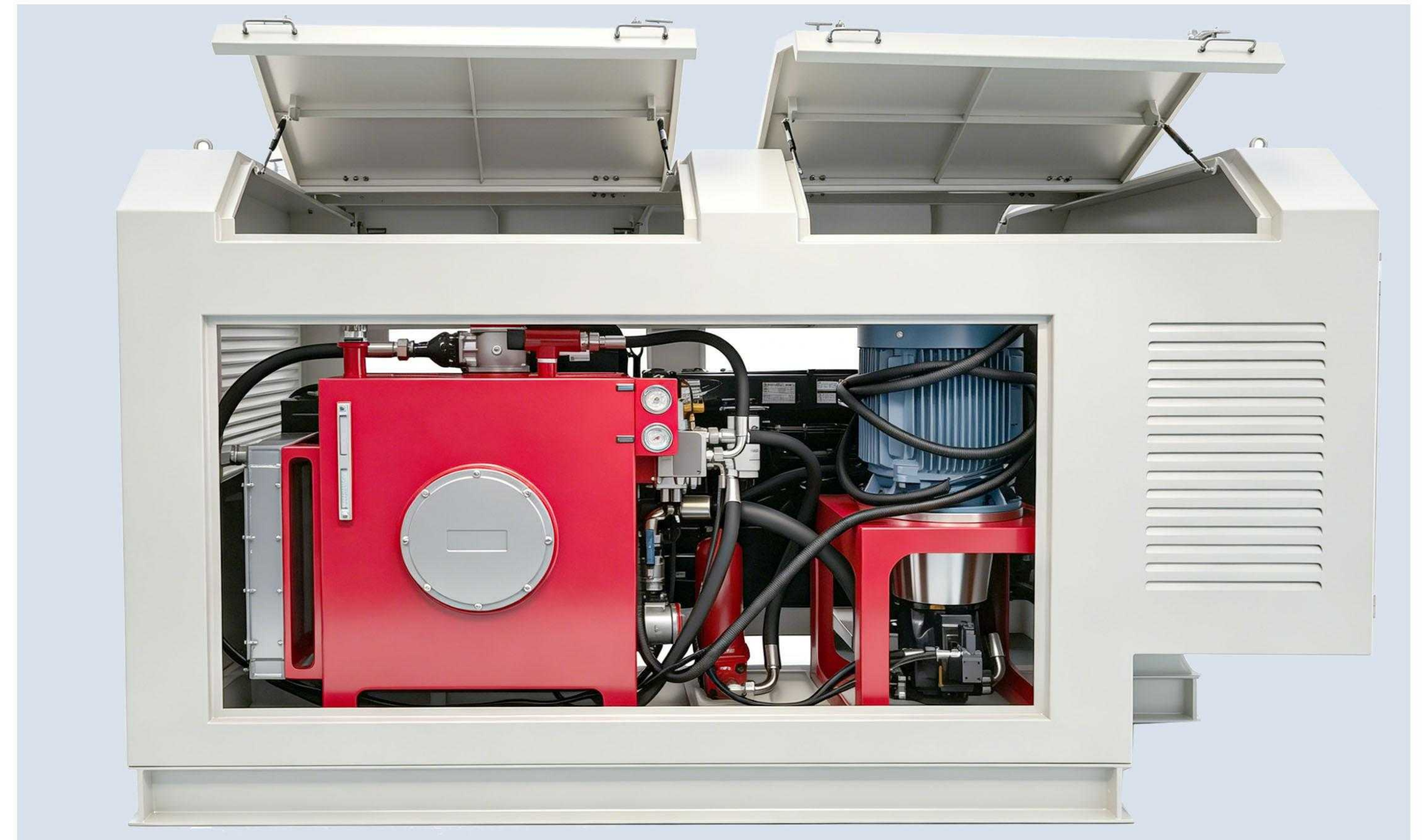
- ① The onboard generator set supplies power to all devices and can switch to grid power for greater flexibility and efficiency.
- ② The hydraulic system is confined to crawler travel and cylinder adjustment, reducing system complexity and maintenance requirements.
- ③ The equipment retains the crawler-type advantages of easy mobility and rapid on-site production.
- ④ External power is used during operation, significantly cutting energy costs.



定制案例展示
CUSTOM CASE SHOWCASE



定制案例展示
CUSTOM CASE SHOWCASE



定制案例展示
CUSTOM CASE SHOWCASE

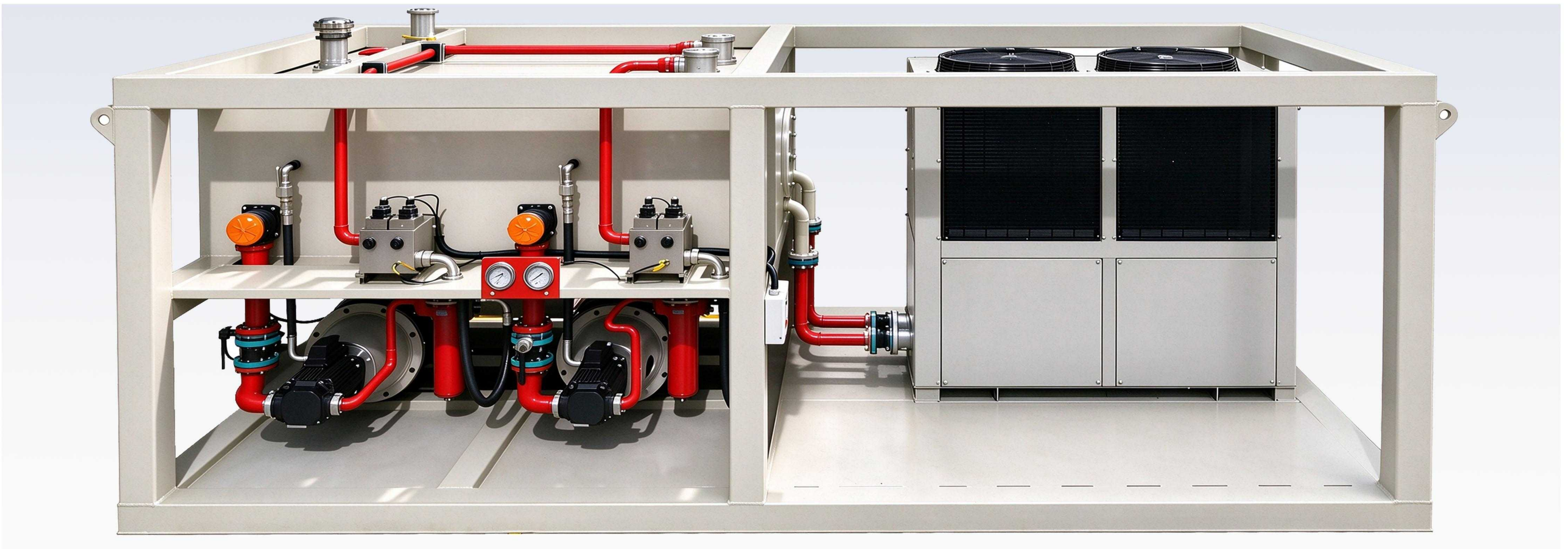
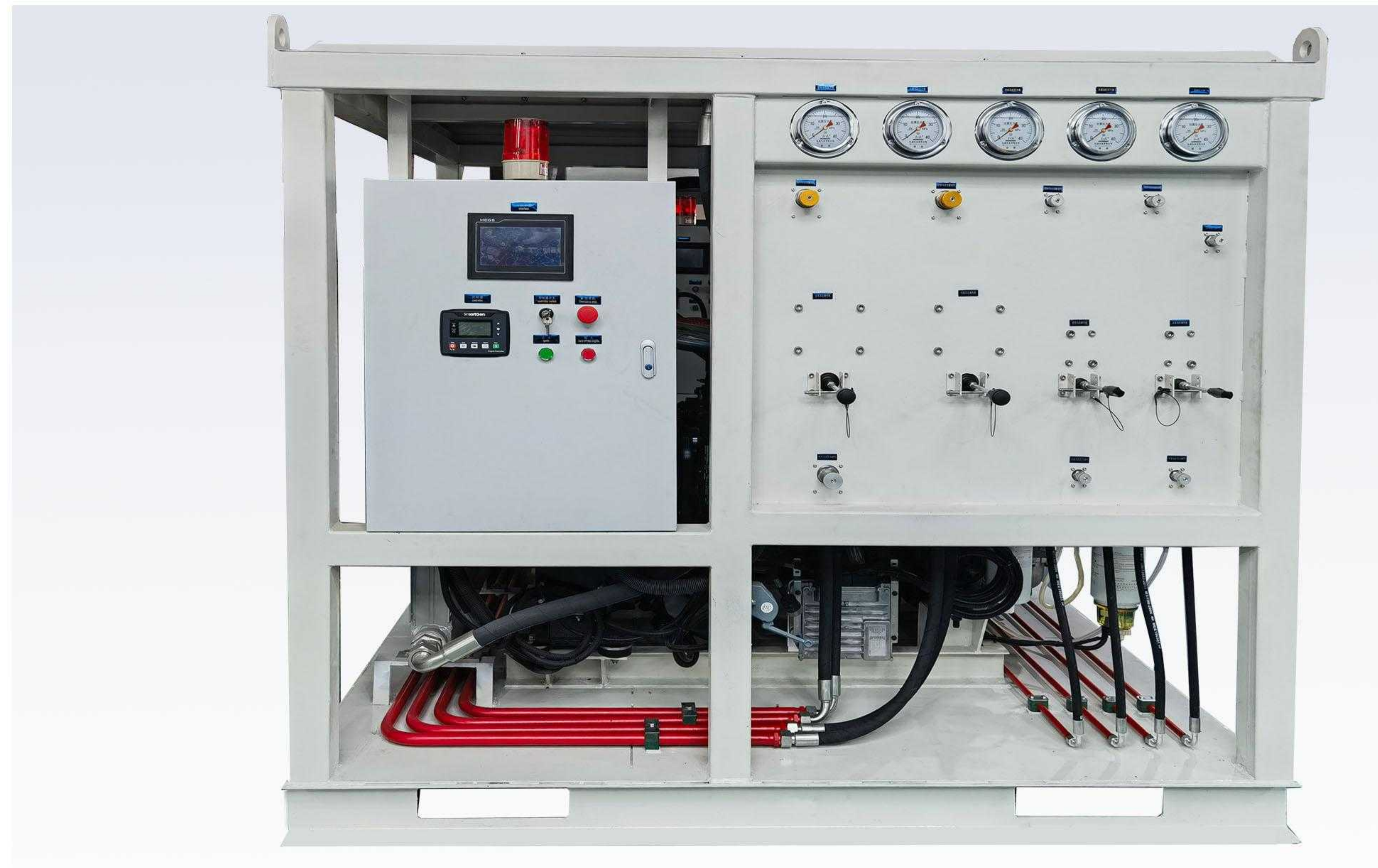


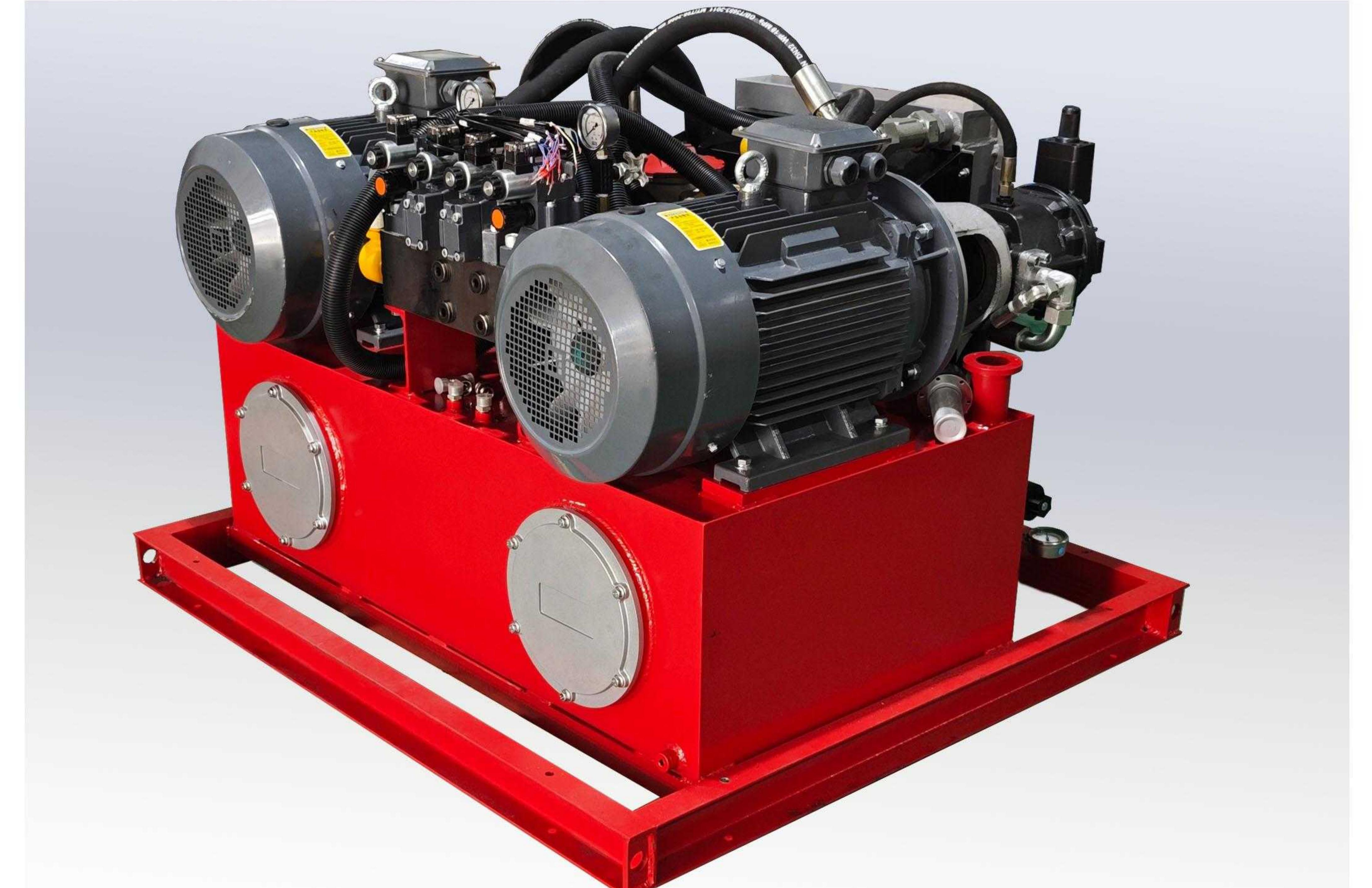
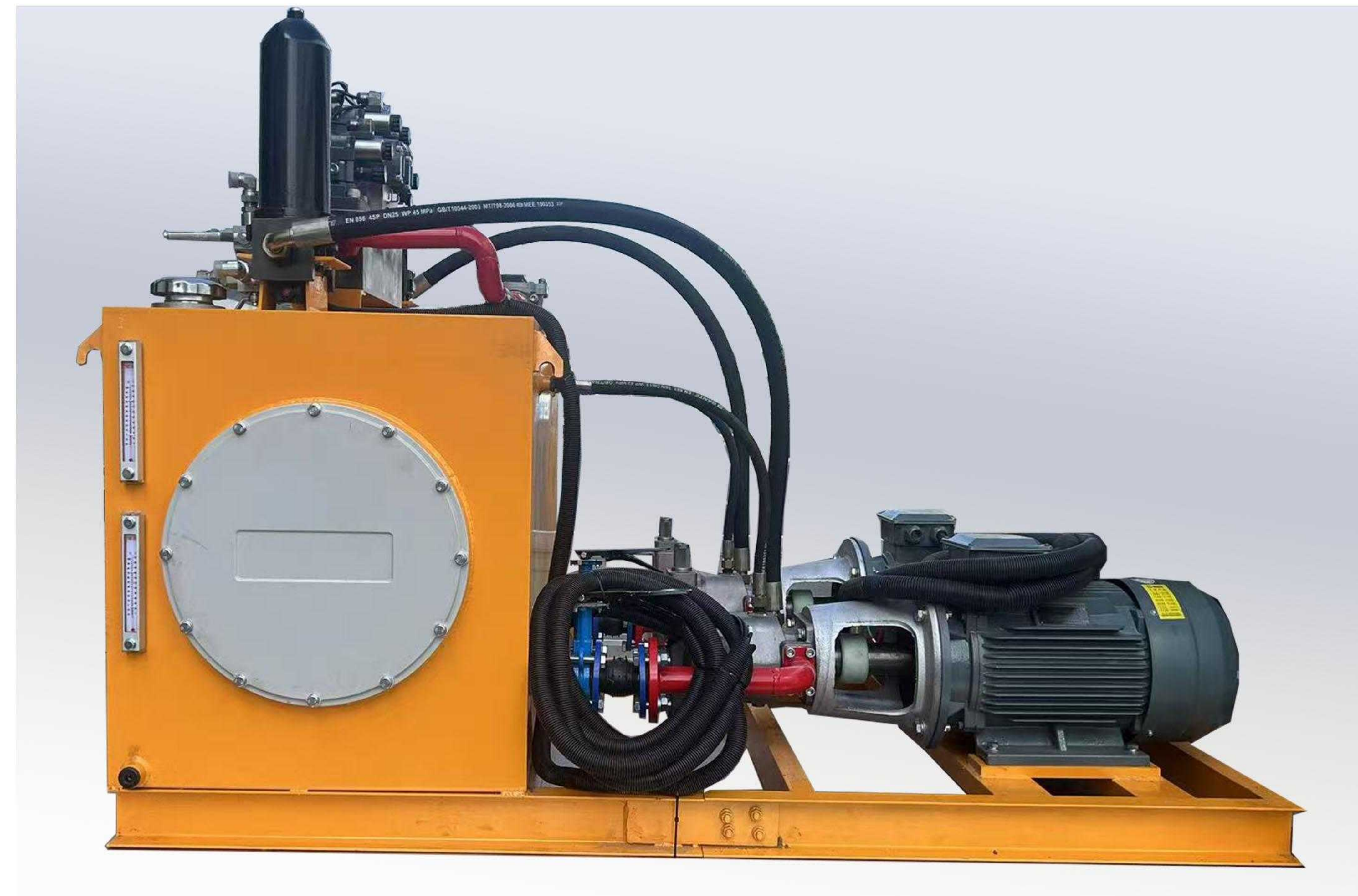
定制案例展示
CUSTOM CASE SHOWCASE

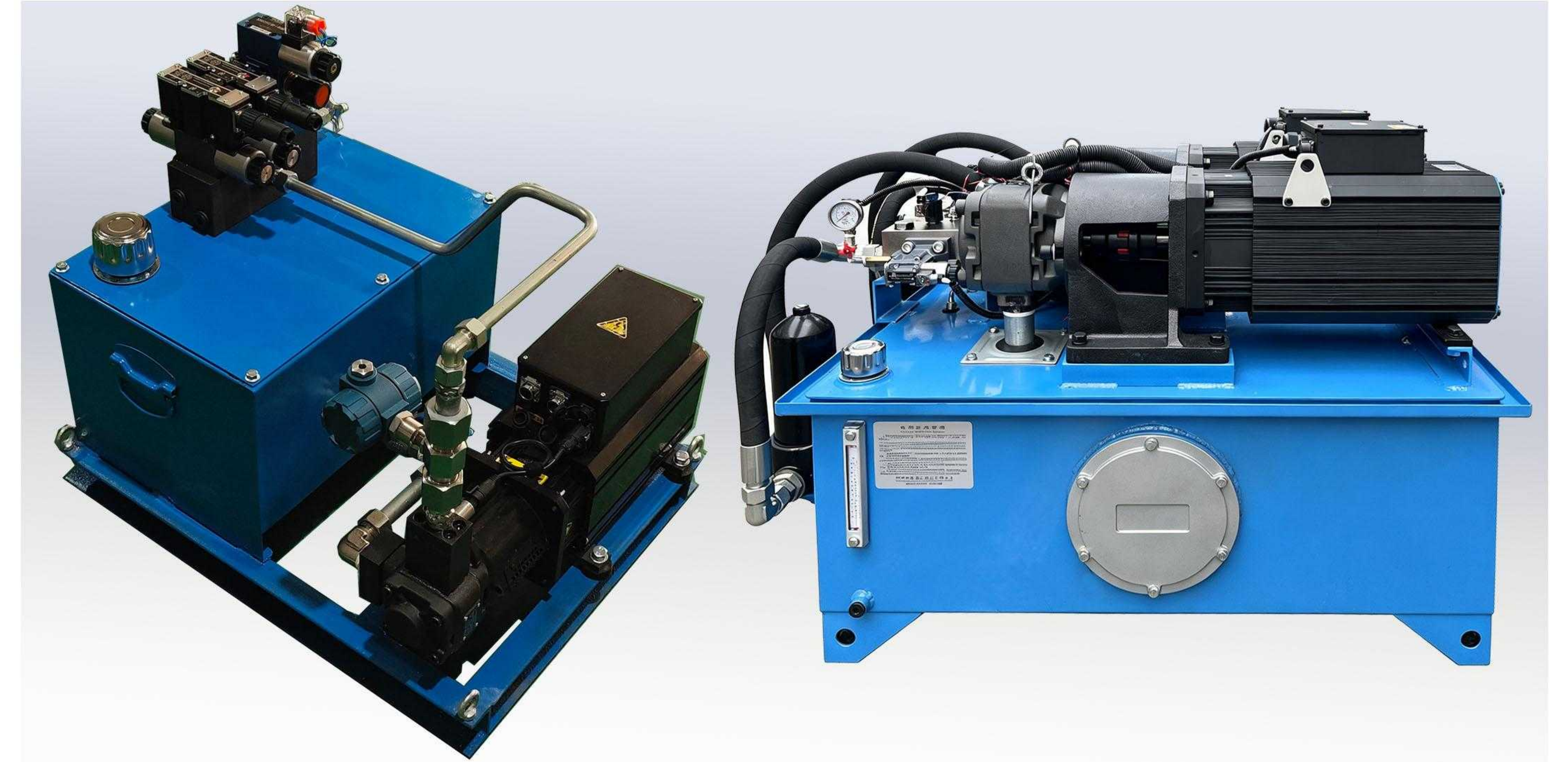


非标液压站定制
NON-STANDARD HYDRAULIC POWER UNIT CUSTOM DESIGN









液压油缸 Hydraulic Cylinder 设计与制造 Design and Manufacturing

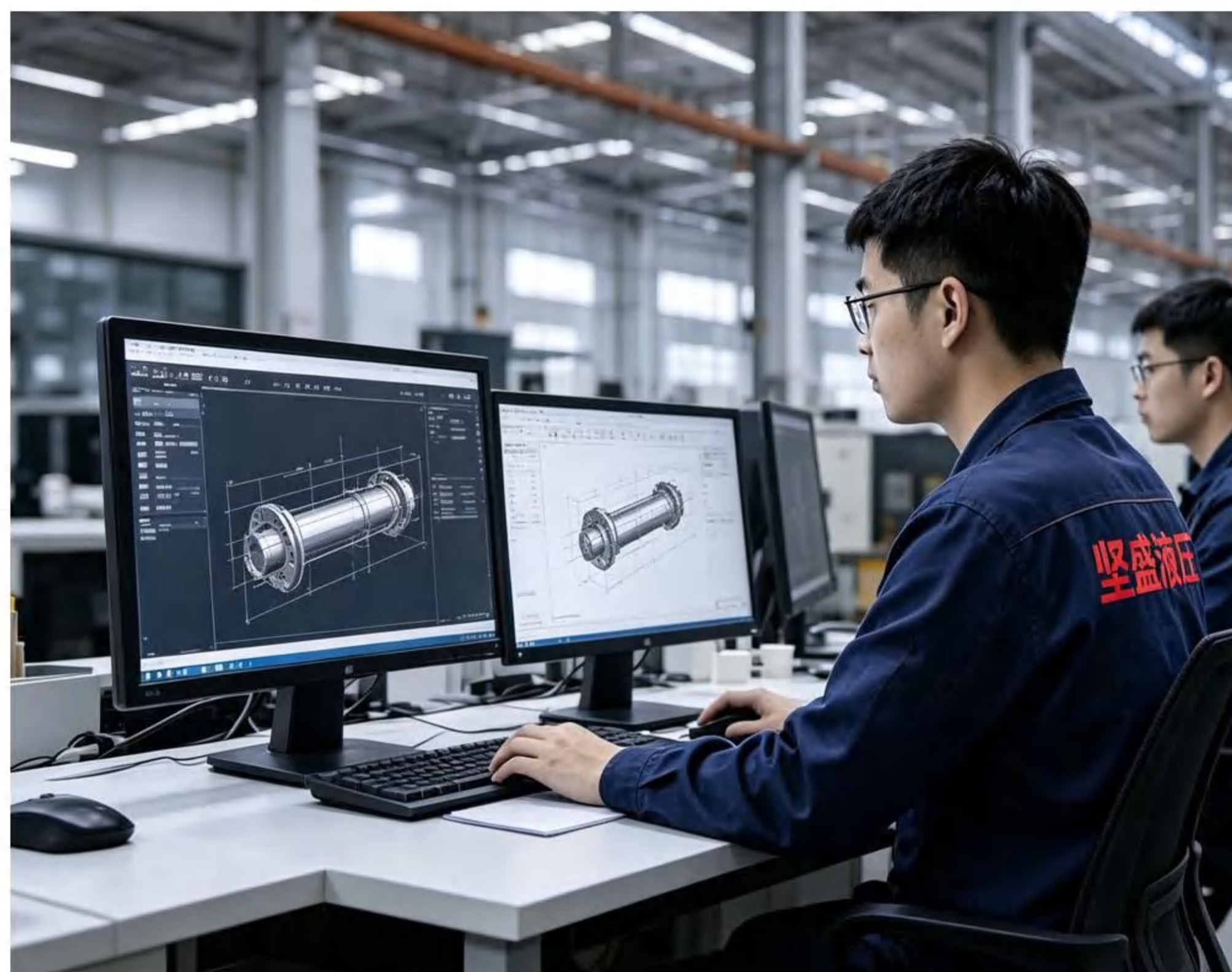
我们致力于为全球客户提供高精度、高耐久的液压油缸及液压传动系统整体解决方案。业务贯穿油缸的自主研发与优化设计、核心部件精密加工、液压系统集成、出厂性能测试以及现场安装调试与全生命周期维护，确保每一台油缸在高压、高频工况下具备卓越的可靠性。

We provide global customers with high-precision, durable hydraulic cylinders and integrated hydraulic system solutions. Our services cover cylinder design, precision machining, system integration, performance testing, on-site installation, and lifecycle maintenance—ensuring reliable performance under high-pressure, high-frequency conditions.



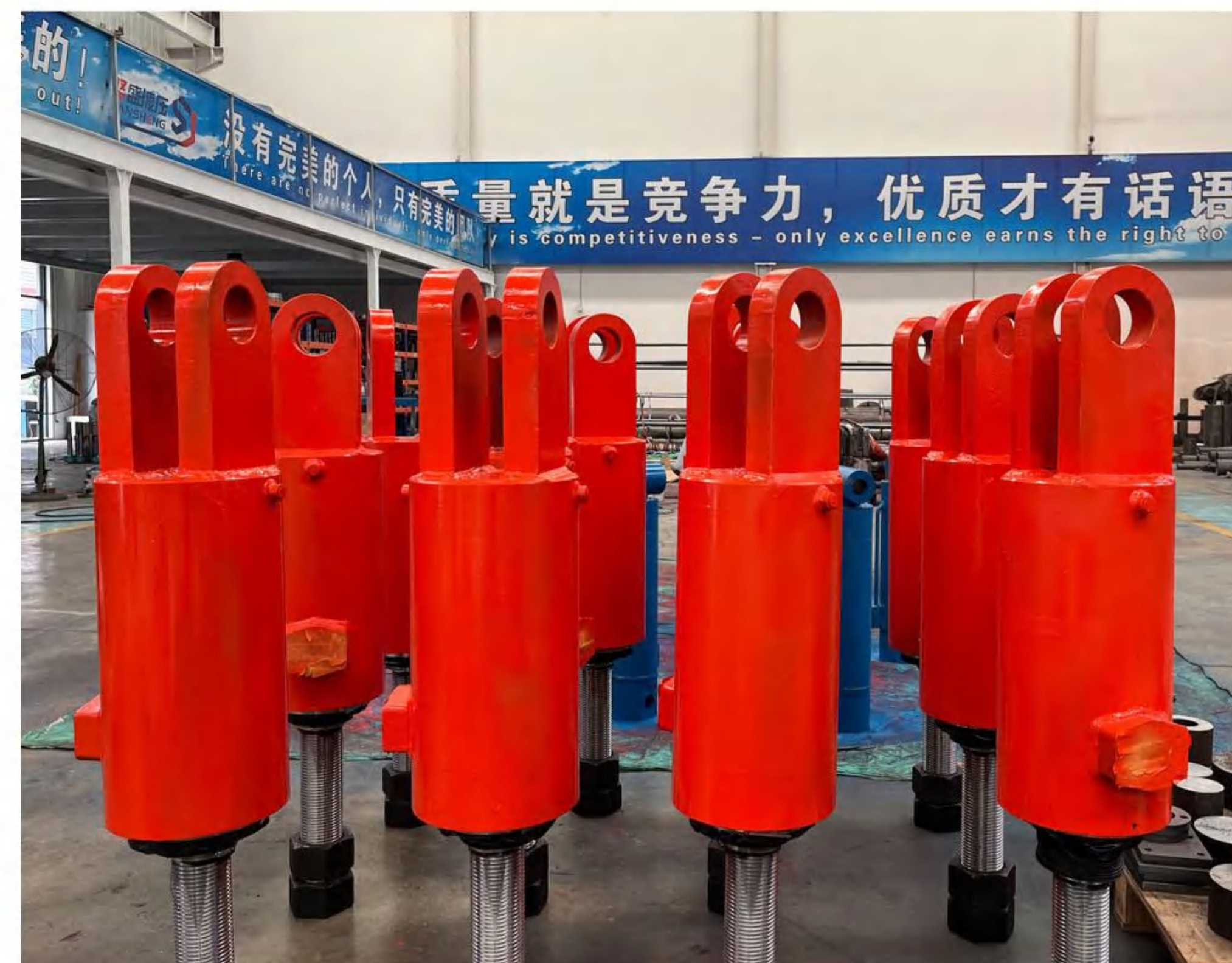
设计能力 Design Capability

自主设计团队，掌握核心技术，持续创新，满足客户多样化需求。



生产能力 Production Capacity

先进加工设备与精益生产管理，确保产品高精度、高效率与一致性。



装配能力 Assembly Capability

标准化装配流程，严格质量控制，保障设备稳定性与可靠性。



交付能力 Delivery Capability

完善的交付体系与全球服务网络，快速响应，准时交付，助力客户成功。

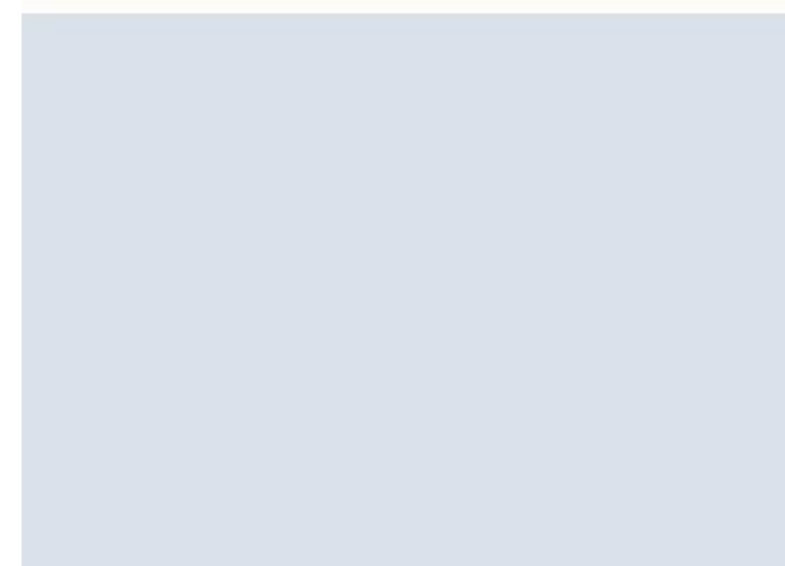


精密加工件
PRECISION MACHINED PARTS



定制案例展示
CUSTOM CASE SHOWCASE





多领域成熟应用

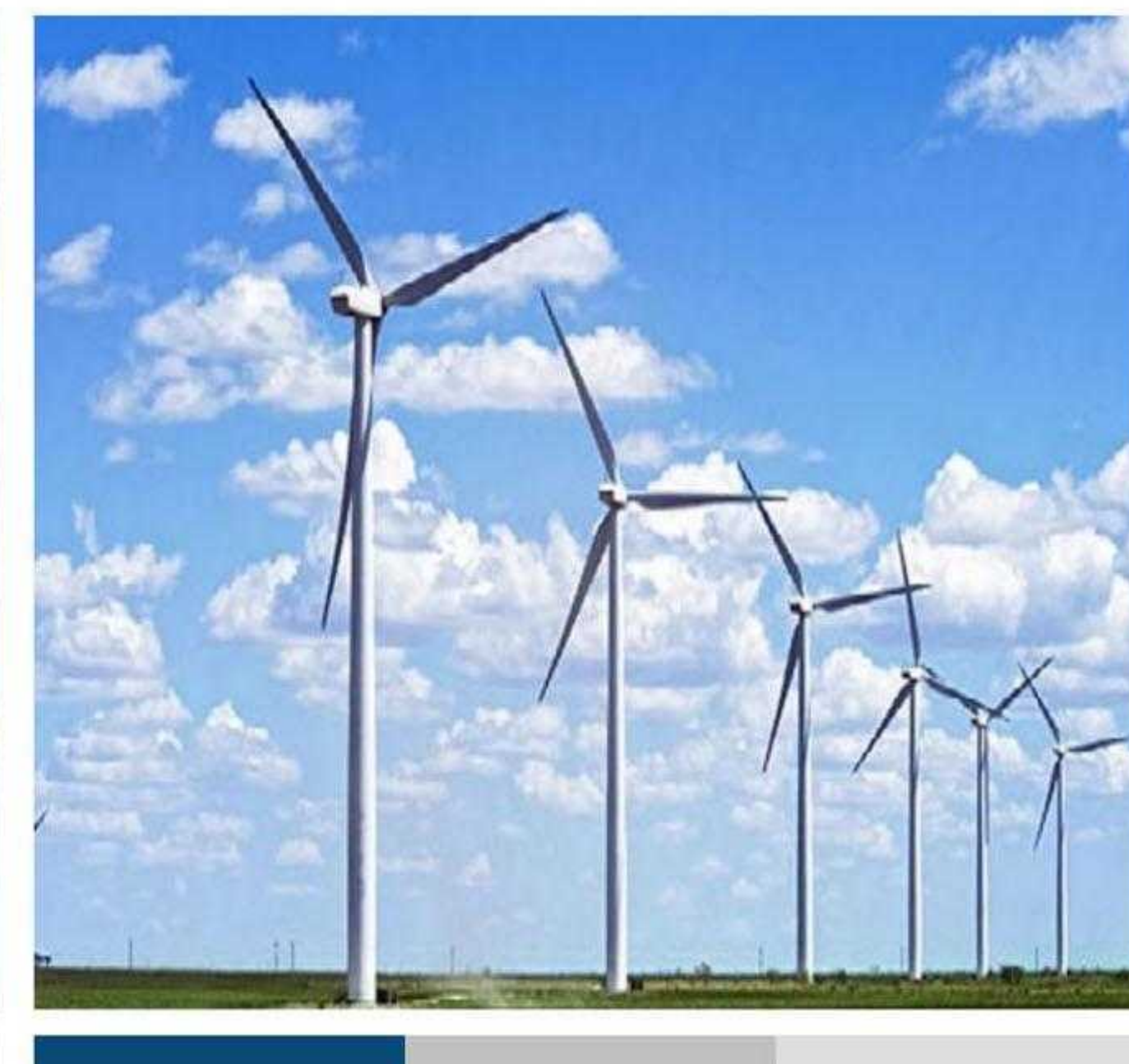
MATURE APPLICATIONS IN MULTIPLE INDUSTRIES



工程机械
Construction machinery



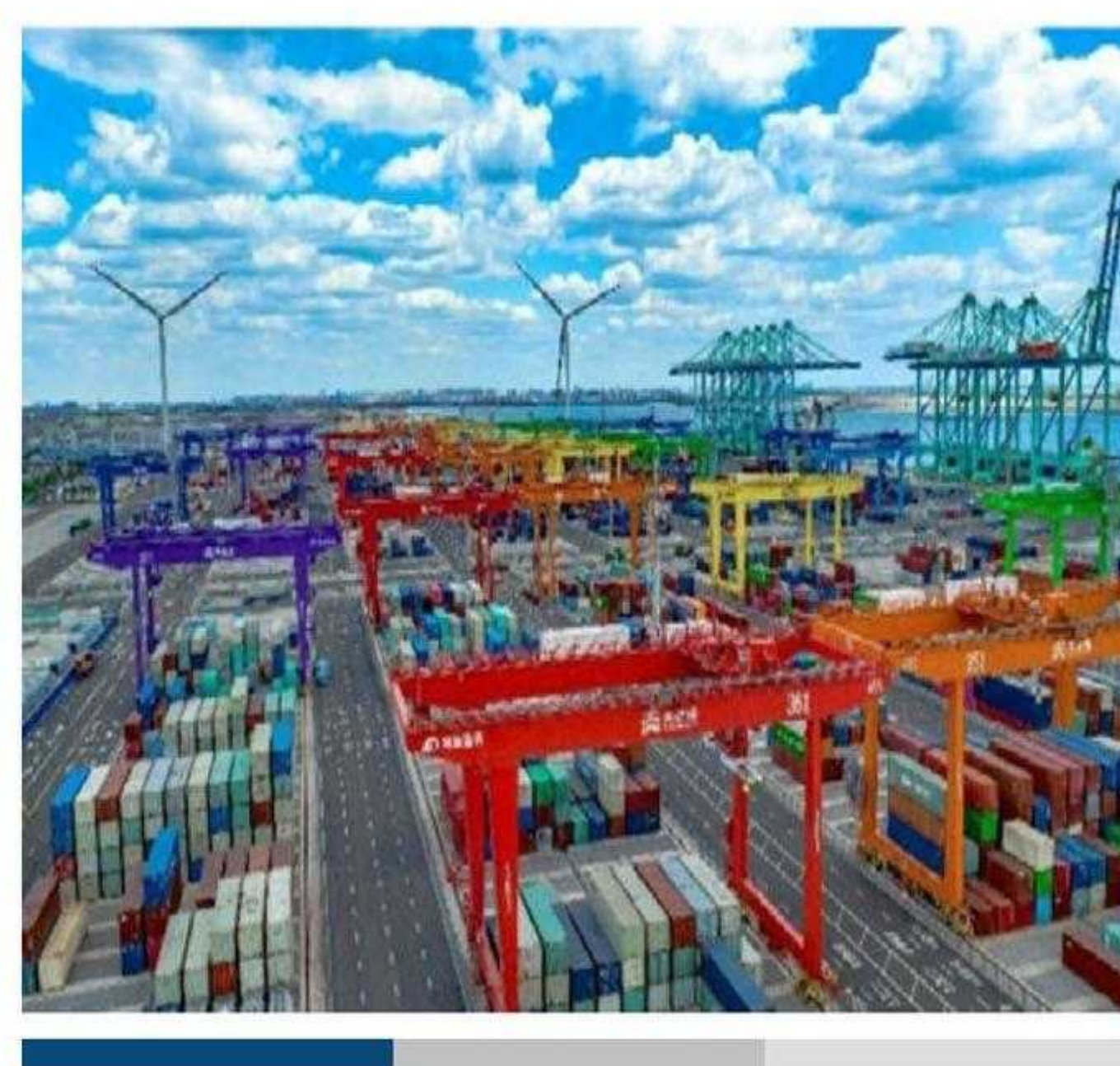
水利
Water conservancy



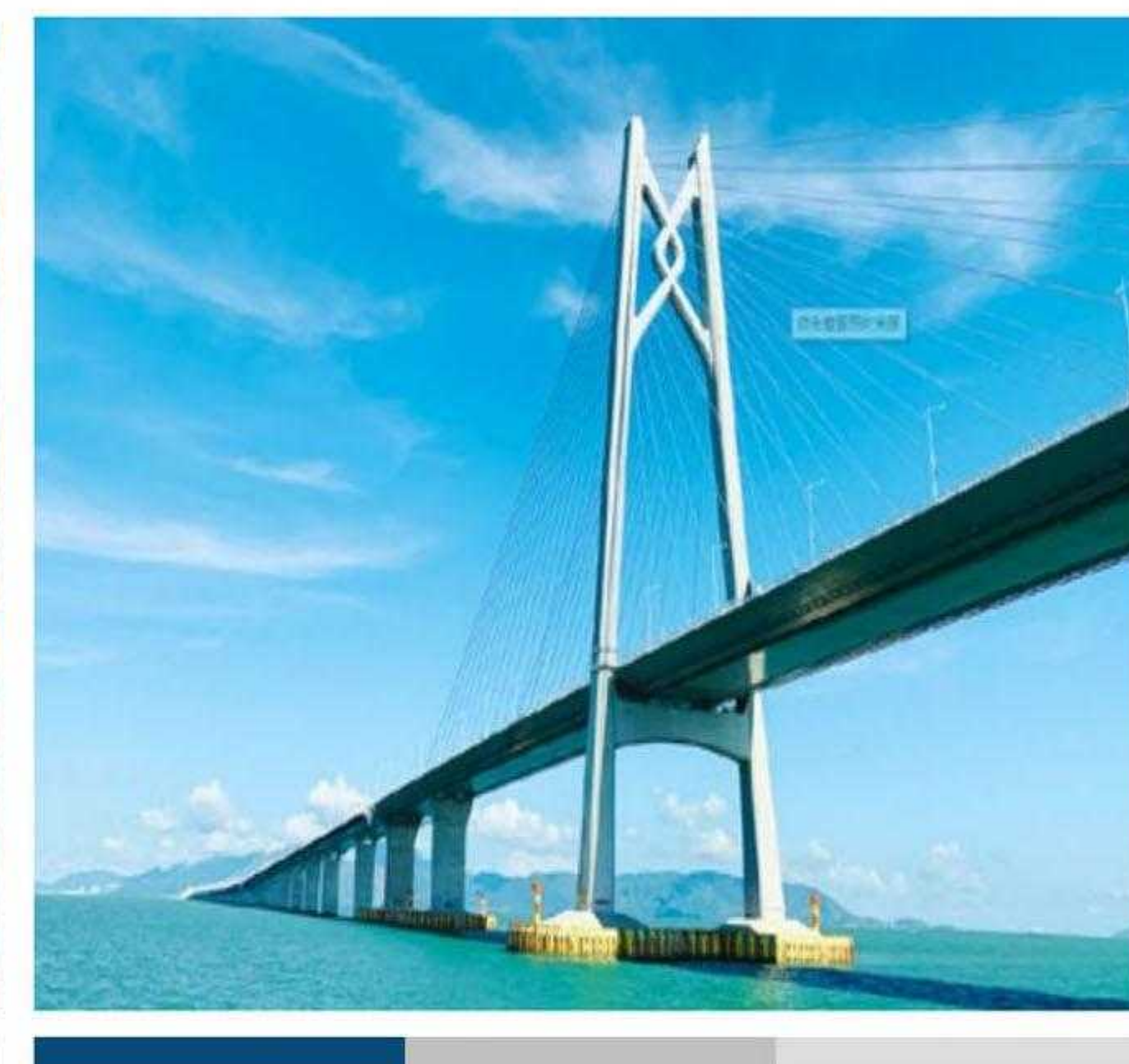
风电
Wind power



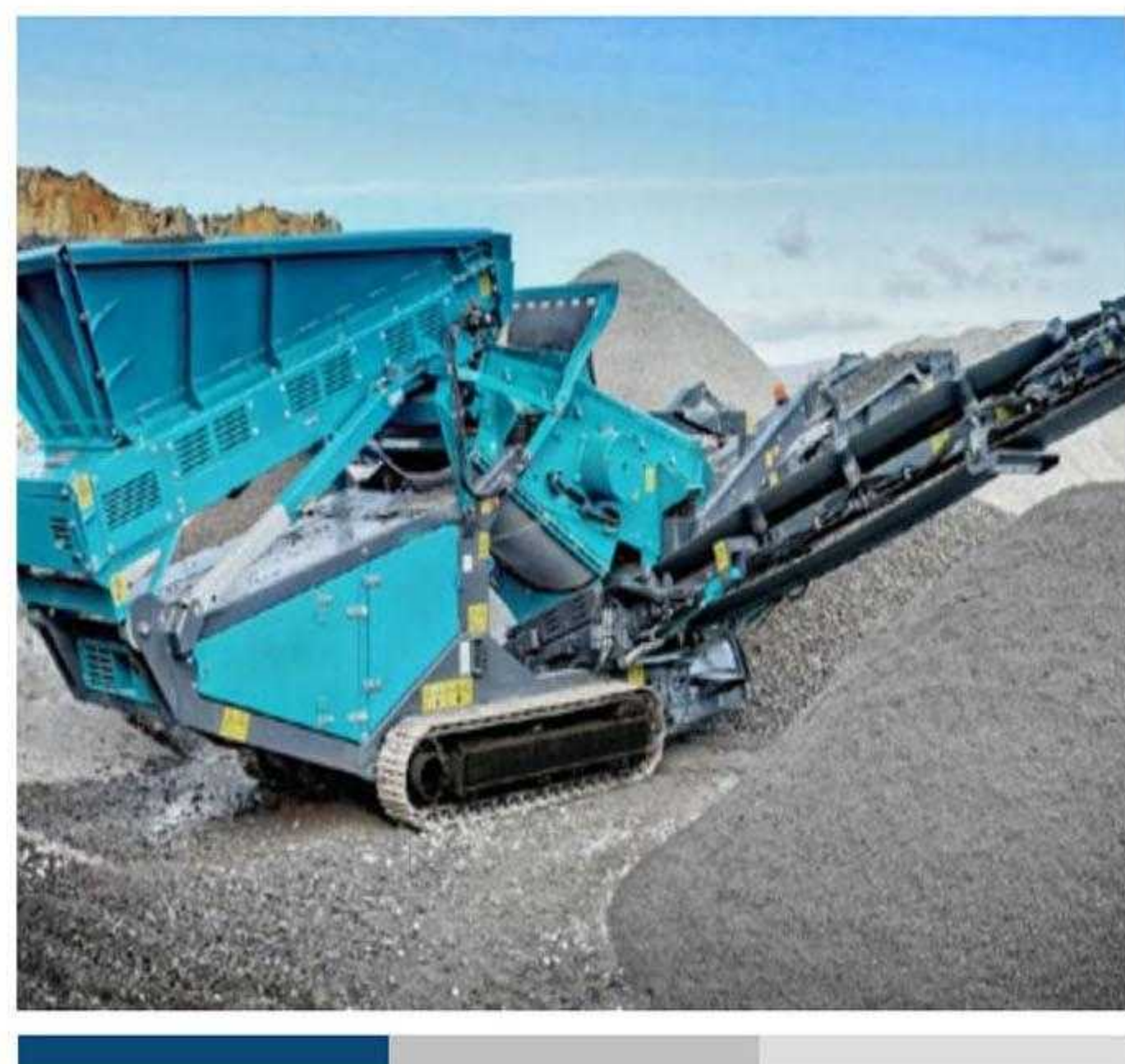
建筑
Architecture



港口
Harbor



桥梁
Bridges



矿山
The mine



石油
The petroleum



冶金
Metallurgy

品质创造未来
Quality creates Future