

河南迈特智能装备有限公司

HENAN MAITE INTELLIGENT EQUIPMENT CO., LTD

致力于数字化智能装备的研发和制造

Committed to the research and development and manufacturing of digital intelligent equipment

迈特智能

河南迈特智能装备有限公司

HENAN MAITE INTELLIGENT EQUIPMENT CO., LTD

致力于数字化智能装备的研发和制造

Committed to the research and development and manufacturing of digital intelligent equipment

企业简介 Company Profile 2

产品与市场 Products and markets 8

平台运营支持 Platform operation support 24

企业简介
Company Profile



迈特公司是高新技术企业，公司目前是上市公司伟创电气（688698）授权的行业代理和集成商，公司始终聚焦数字化和智能化，深耕工业传动领域，在智能物流搬运的核心技术上开发与实践，为全球用户提供了高可靠、高性能的产品，为中车集团、中信重工等客户提供专业的驱动及控制解决方案。

公司拥有自主知识产权与专有商标，集研发、集成、销售于一体。立足国内，拓展国际，为客户提供创新的解决方案与服务。通过和国内高校产学研合作，公司致力成为国际领先的产品与解决方案供应商。

Maite Company is a high-tech enterprise, currently authorized by the listed company Weichuang Electric (688698) as an industry agent and integrator. The company has always focused on digitization and intelligence, deeply rooted in the field of industrial transmission, and developed and practiced core technologies in intelligent logistics transportation. It provides highly reliable and high-performance products for users worldwide, and provides professional driving and control solutions for customers such as CRRC Group and CITIC Heavy Industry.

The company has independent intellectual property rights and proprietary trademarks, integrating research and development, integration, and sales. Based domestically, expanding internationally, and providing customers with innovative solutions and services. Through cooperation with domestic universities, the company is committed to becoming an international leading supplier of products and solutions.



公司目前是上市公司伟创电气授权的合作伙伴

VEICHI 伟创电气
DRIVE FOR EVER







企业简介
Company Profile

总投资 5000 万
Total investment of 50 million yuan

总占地近 6500 平米
Covering a total area of nearly 6500 square meters

生产、检测设备 20 台
20 sets of production and testing equipment

主要技术人员 20 人
20 main technical personnel

企业技术专利
Enterprise technology patent


发 明 专 利 证 书
发明名称：一种变频器 PWM 死区时间检测方法
发 明 人：鲁国才
专 利 号：ZL 2018 1 0842531.3
专利申请日：2018 年 07 月 27 日
专 利 权 人：苏州伟创电气科技股份有限公司
授权公告日：2020 年 12 月 25 日　　授权公告号：CN 109039049 B


发 明 专 利 证 书
发明名称：变频器性能的测试系统及其方法
发 明 人：王凯
专 利 号：ZL 2014 1 0188224.X
专利申请日：2014 年 05 月 06 日
专 利 权 人：苏州伟创电气设备技术有限公司
授权公告日：2019 年 01 月 25 日　　授权公告号：CN 104569647 B


发 明 专 利 证 书
发明名称：变频器死区相位补偿方法以及补偿系统
发 明 人：鲁国才;徐云飞
专 利 号：ZL 2020 1 1606607.9
专利申请日：2020 年 12 月 30 日
专 利 权 人：苏州伟创电气科技股份有限公司
授权公告日：2021 年 11 月 12 日　　授权公告号：CN 112701950 B
2021 年 11 月 12 日


发 明 专 利 证 书
发明名称：一种负载自适应方法
发 明 人：刘颖钊
专 利 号：ZL 2018 1 0841848.5
专利申请日：2018 年 07 月 27 日
专 利 权 人：苏州伟创电气科技股份有限公司
授权公告日：2021 年 09 月 24 日　　授权公告号：CN 109981020 B
2021 年 09 月 24 日

服务保障能力
Service area



国内 Domestic

建立了 24 个服务网点，100 家直营客户，145 家签约渠道商，覆盖全国 31 个省市及港澳台地区

Established 24 service outlets, 100 direct customers, 145 contracted channel providers, covering 31 provinces, cities, and Hong Kong, Macao, and Taiwan regions across the country

国外 Abroad

东南亚，欧洲、美洲及非洲的主要城市建立了办事处及服务网点，正逐步向全球化服务迈进

Major cities in Southeast Asia, Europe, the Americas, and Africa have established offices and service outlets, gradually moving towards global services



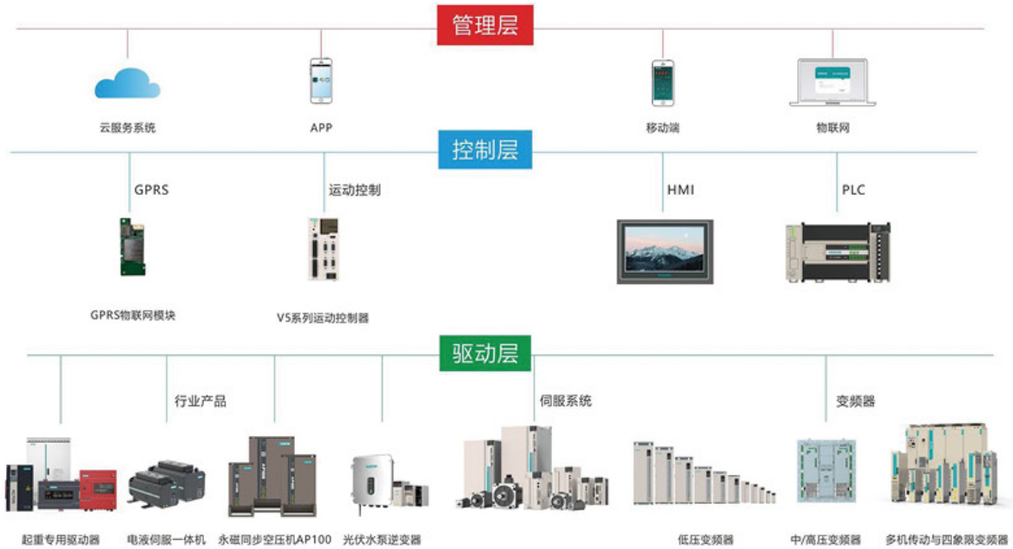
丰富的产品解决方案
RICH PRODUCT SOLUTIONS

公司的产品种类丰富，包括 0.4kW 至 5600kW 的变频器、50kW 至 200kW 的伺服系统、运动控制器、PLC 和 HMI 等。产品广泛应用于起重、矿用设备、轨道交通、机床、压缩机、塑胶、光伏扬水、建材、机器人 / 机械手、印刷包装、纺织化纤、冶金、市政、石油、化工等多种行业。

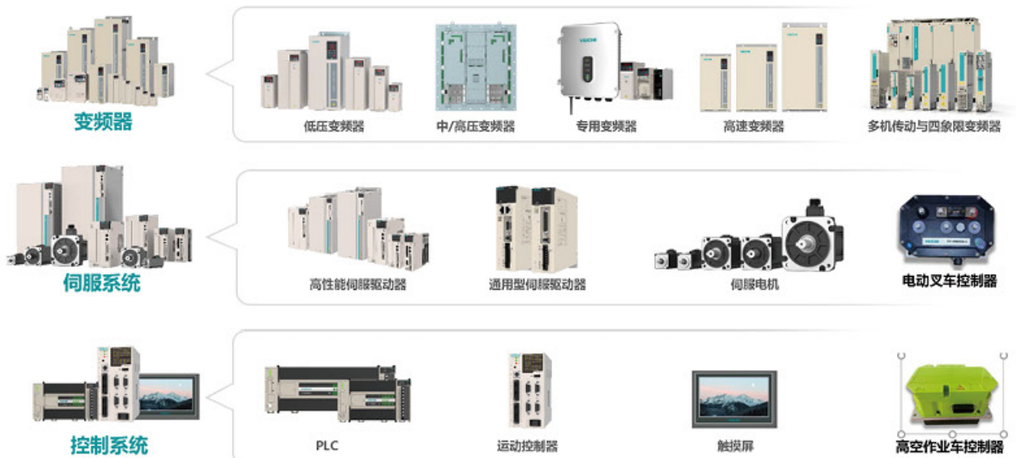
The company has a wide range of products, including 0.4kW to 5600kW frequency converters, 50kW to 200kW servo systems, motion controllers, PLCs, and HMI. The products are widely used in various industries such as lifting, mining equipment, rail transit, machine tools, compressors, plastics, photovoltaic pumping, building materials, robots/robotic arms, printing and packaging, textile and chemical fiber, metallurgy, municipal engineering, petroleum, chemical industry, etc.

高压电气系统解决方案
High voltage electrical system solutions

工业自动化产品
Industrial automation products



产品线
Product Line



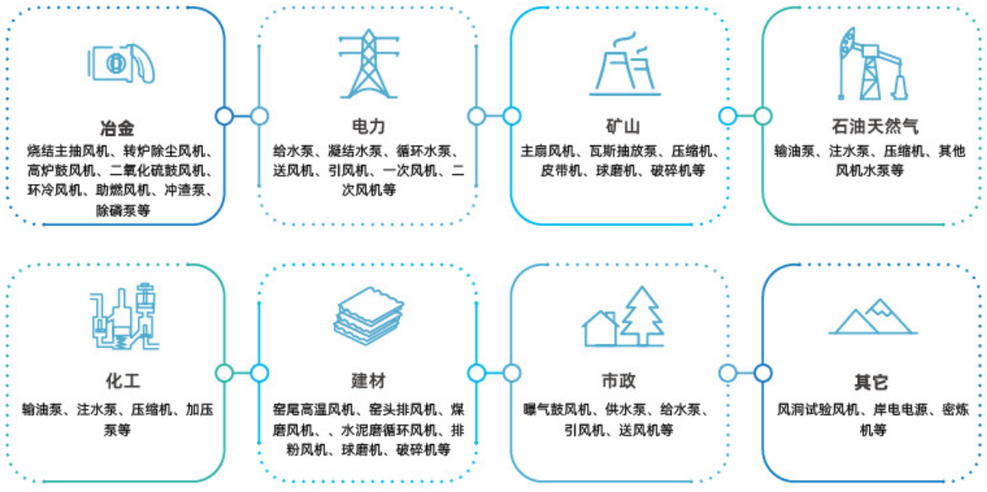
高压变频器
ACH200 Series
High Voltage Inverter





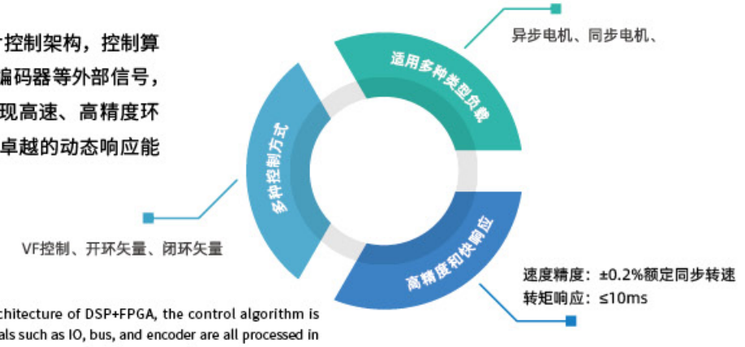
ACH200 系列高压变频器是迈特智能经多年技术积累及深入市场调研与需求分析，匠心打造的第三代高性能矢量型高压变频器，采用成熟的功率单元串联技术，DSP+FPGA 双核控制，采用矢量控制算法，具有控制精度高、动态响应快、低频输出转矩大等特点，广泛的应用于风机、泵类、压缩机、皮带机、球磨机、破碎机等负载，为企业节能减排提供驱动核心，满足工业企业多样化的变频功能需求。

The ACH200 series high-voltage frequency converter is the third-generation high-performance vector high-voltage frequency converter created by Weichuang Electric through years of technical accumulation, in-depth market research and demand analysis. It adopts mature power unit series technology, DSP+FPGA dual core control, vector control algorithm, and has characteristics such as high control accuracy, fast dynamic response, and large low-frequency output torque. It is widely used in fans, pumps, compressors, belt conveyors, ball mills Crushers and other loads provide the driving core for energy conservation and emission reduction in enterprises, meeting the diverse frequency conversion functional requirements of industrial enterprises.



高性能控制平台

采用 DSP+FPGA 双芯片控制架构，控制算法由 DSP 实现，IO、总线及编码器等外部信号，全部由 FPGA 并行处理可实现高速、高精度环路控制运算，确保驱动系统卓越的动态响应能力和控制精度。



Adopting a dual chip control architecture of DSP+FPGA, the control algorithm is implemented by DSP, and external signals such as IO, bus, and encoder are all processed in parallel by FPGA to achieve high-speed and high-precision loop control operations, ensuring excellent dynamic response ability and control accuracy of the driving system.

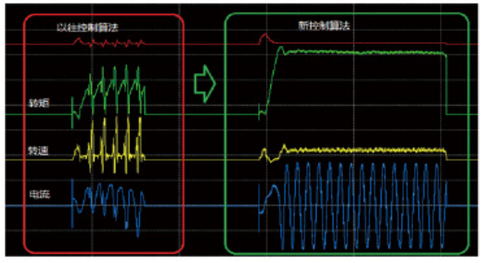
低频大力矩启动

开环矢量控制，0.5Hz 150% 启动转矩。
闭环矢量控制，0Hz 200% 启动转矩。

Open loop vector control, 0.5Hz 150% starting torque.
Closed loop vector control, 0Hz 200% starting torque.

在开环运行中通过高频信号注入，对 IPM 电机实现了开环控制下 0Hz 的 200% 额定力矩的输出→

During open-loop operation, a 200% rated torque output of 0Hz was achieved for the IPM motor through high-frequency signal injection under open-loop control



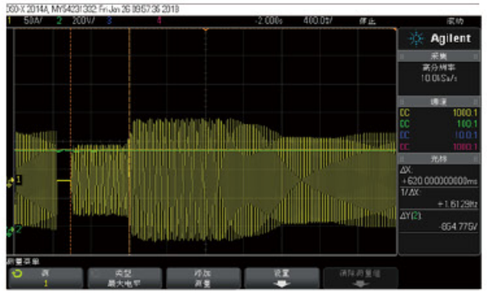
全频段飞车启动

无论电机转速状态为何（正转、反转、静止），均可实现转速的精准追踪，启动到目标状态。全过程可以在 200ms 以内完成，快速反应。

Regardless of the motor speed status (forward, reverse, or stationary), precise tracking of the speed can be achieved and the motor can be started to the target state. The entire process can be completed within 200ms, with fast response.

大惯量设备停机时剩磁电压较大，再启动时，可以直接估算出剩磁大小和相位，然后进入旋转中预励磁然后加速→

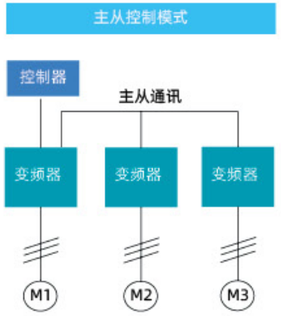
When a large inertia device is shut down, the residual magnetic voltage is relatively high. When it is restarted, the residual magnetic size and phase can be directly estimated, and then it enters pre excitation during rotation and accelerates

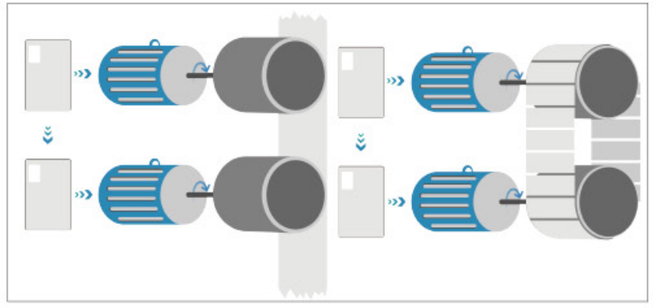


主从控制技术

采用 CAN 或光纤通讯，保障通讯实时性，不管是机械负载，还是流体负载的多机之间可保证输出一致性

Adopting CAN or fiber optic communication to ensure real-time communication, ensuring output consistency between multiple machines for both mechanical and fluid loads





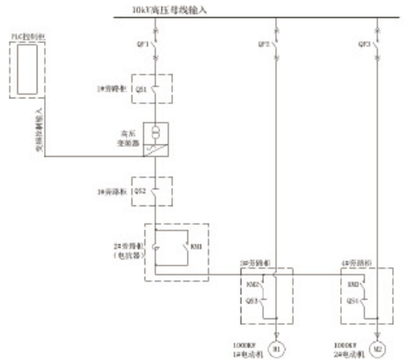
主从控制技术

利用锁相技术，可实现电机在工频与变频之间进行无扰动切换启动和运行，尤其适用与水泵多泵轮起切换应用。

切换过程冲击电流不超过电机额定电流的 1.5 倍。

By using phase-locked technology, the motor can be started and operated without disturbance between power frequency and frequency conversion, especially suitable for switching applications of multiple pump wheels in water pumps.

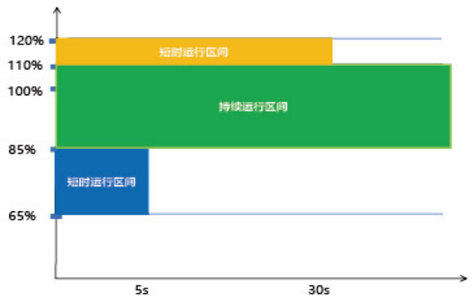
The impact current during the switching process shall not exceed 1.5 times the rated current of the motor.



高低电压穿越设计

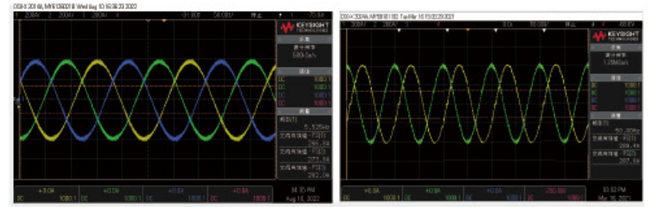
电网波动适应能力强
85%-110% 满载输出
65%-85% 降额输出
110%-120% 降额输出
长时间瞬停不停
电网掉电不停机技术

Strong adaptability to power grid fluctuations
85% -110% full load output
65% -85% derated output
110% -120% derating output
Long time instantaneous stop
Power grid shutdown technology



完美无谐波设计

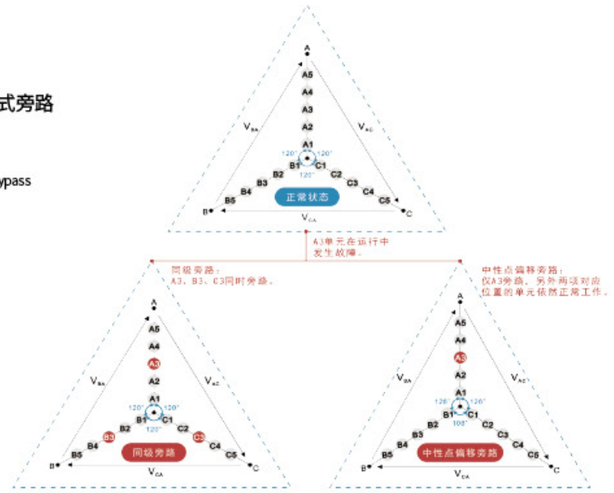
输入侧采用多重移相整流技术
电网侧 THD 值小于 2%
The input side adopts multiple phase-shifting rectification technology
The THD value on the grid side is less than 2%
输出侧采用多电平技术
电机侧 THD 值小于 2%
The output side adopts multi-level technology
The THD value on the motor side is less than 2%



额定负载时，对电机的谐波<2%　　额定负载时，对电网的谐波<2%

多种单元旁路方式

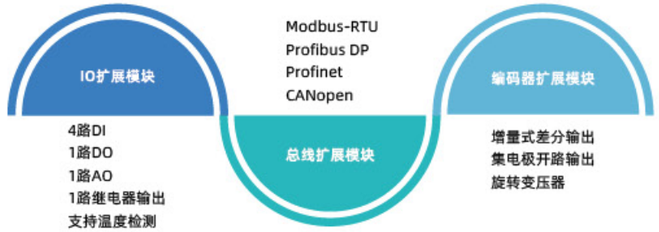
同级对称旁路
中性点偏移旁路
标配 IGBT 电子式旁路，可选配继电器机械式旁路
Same level symmetric bypass
Neutral point offset bypass
Standard IGBT electronic bypass, optional relay mechanical bypass



支持多种扩展模块

根据使用需求进行功能扩展，包括 IO 扩展，总线扩展，编码器扩展等

Same level symmetric bypass
Neutral point offset bypass
Standard IGBT electronic bypass, optional relay mechanical bypass



全面多重保护

多重故障处理和保护手段，安全稳定

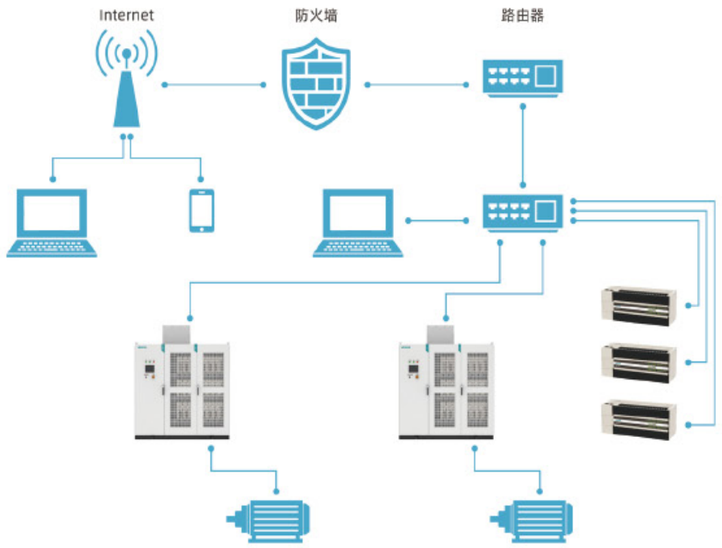
Multiple fault handling and protection methods, safe and stable



远程诊断服务

具有远程诊断服务选项。在客户授权下，技术人员通过VPN连接现场远程服务器，检查故障记录、核对系统参数、观测运行数据，帮助客户快速定位故障，以及优化工艺、提升生产效率。

With remote diagnostic service options. Under customer authorization, technical personnel connect to on-site remote servers through VPN to check fault records, verify system parameters, observe operational data, help customers quickly locate faults, optimize processes, and improve production efficiency.



起重机一体化驱动器方案
Crane integrated driver solution



平稳起升功能（钢丝绳保护）

起升机构起升时钢丝绳由松弛状态变为紧绷状态 时，变频器会自动在负载增加时降低转速来张紧钢丝绳，而后加速提升，抑制钢丝绳过度拉伸，保证负载不受拉力冲击和提高作业效率。



When the lifting mechanism changes the steel wire rope from a loose state to a tight state during lifting, the frequency converter will automatically reduce the speed to tension the steel wire rope when the load increases, and then accelerate the lifting to suppress excessive stretching of the steel wire rope, ensuring that the load is not affected by tensile impact and improving work efficiency.

制动器失效保护功能

● 工作原理：机械制动系统失效时，一旦电机出现下滑迹象（减速机输出轴可见轻微蠕动），则激活该功能，瞬间输出 180% 额定零速转矩，使电机进入稳定悬停状态，并检出声光报警信号，同时引导司机操作手柄将重物安全下放到地面，且禁止上行。

● 该功能对变频器动态输出响应要求较高，需要在高性能优异的闭环矢量控制模式下实现。（电机轴端需安装编码器）



● Working principle: When the mechanical braking system fails, once the motor shows signs of sliding (slight creep is visible on the output shaft of the reducer), this function is activated, instantly outputting 180% of the rated zero speed torque, causing the motor to enter a stable hovering state, and detecting an audible and visual alarm signal. At the same time, the driver is guided to operate the handle to safely lower the heavy object to the ground and prohibit upward movement.

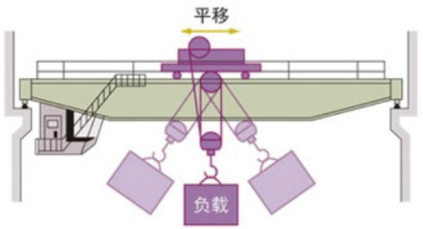
● This function requires high dynamic output response from the frequency converter and needs to be implemented in a high-performance closed-loop vector control mode. (Encoder needs to be installed at the motor shaft end)

电子防摇功能

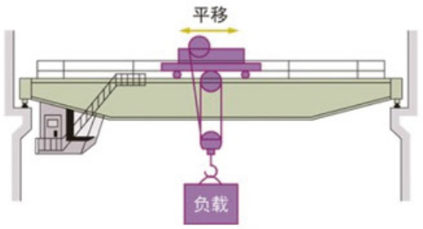
● 提高整个搬运过程的安全性、稳定性、准确性
● 可实现起升高度全程范围内的防摇；防止起重机在大、小车运行的负载的惯性冲击带来的吊钩摇摆；
● 可在操作器上设置独立的开关选择是否激活该功能;
● 独立设置一个负载高度的旋钮，可随着负载高度改变，准确控制负载的绳长，准确控制摇摆角度；
● 不需操作人员手动调整控制摇摆的角度，可提高整个搬运过程的稳定性、准确性。

● Improve the safety, stability, and accuracy of the entire handling process
● It can achieve anti shaking within the entire range of lifting height; Prevent the swinging of the hook caused by the inertia impact of the load during the operation of the crane and trolley;
● Independent switches can be set on the operator to select whether to activate this function;
● Independently set a knob for the height of the load, which can accurately control the rope length of the load and the swing angle as the load height changes;
● The stability and accuracy of the entire transportation process can be improved without the need for operators to manually adjust and control the swing angle.

■无效时



■有效时

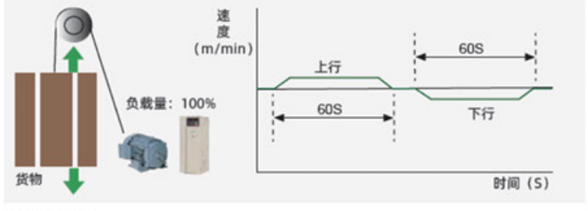


恒功率控制（轻载高速，重载低速）

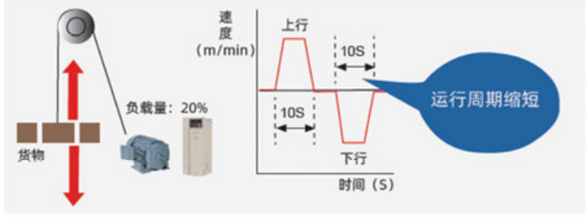
恒功率控制俗称“随载随速”：运行中根据当前载重量自动计算最高运行速度，实现“轻载高速，重载低速”，减少副钩设计，即能保证安全稳定的运行、又能提高起重设备的作业效率。

Constant power control, commonly known as "speed with load": during operation, the maximum operating speed is automatically calculated based on the current load capacity, achieving "light load high speed, heavy load low speed" and reducing the design of auxiliary hooks. This not only ensures safe and stable operation, but also improves the operational efficiency of lifting equipment.

货物较重时



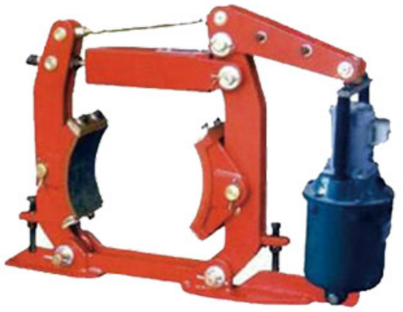
货物较轻时



制动器力矩定期维护检测

工作原理：制动器闭闸状态下，变频器输出 180% 转矩作用于电机，通过编码器脉冲信号判断电机轴是否产生位移，如果位移超过一定阀值，则说明制动器转矩不足，并发出告警，提示制动器需要进行调整或更换。

Working principle: When the brake is closed, the frequency converter outputs 180% torque to act on the motor. The encoder pulse signal is used to determine whether the motor shaft has displacement. If the displacement exceeds a certain threshold, it indicates that the brake torque is insufficient and an alarm is issued, indicating that the brake needs to be adjusted or replaced.



防溜钩辅助保护

工作原理：机械制动系统失效时，一旦电机出现下滑迹象，则激活该功能，瞬间输出 200% 额定零速转矩，使电机进入稳定悬停状态，并检出声光报警信号，同时引导司机操作主令开关将重物安全下放到地面，并禁止上行。

Working principle: When the mechanical braking system fails, once the motor shows signs of sliding, this function is activated, instantly outputting 200% of the rated zero speed torque, causing the motor to enter a stable hovering state, and detecting an audible and visual alarm signal. At the same time, the driver is guided to operate the main switch to safely lower the heavy object to the ground and prohibit upward movement.



慢就位蚁速功能

● 联动台转换开关调至“慢就位”档位时，此时起升机构被限制在 0.1-0.5m/min 速度区间缓慢升降。- 毫米级精度
● 要求变频器在超低频率下可持续稳定输出恒定转矩。
● 适用于 PC 装配式建筑模板慢就位、筋骨对接。

● When the transfer switch of the linkage platform is set to the "slow in position" position, the lifting mechanism is limited to slowly lifting and lowering within the speed range of 0.1-0.5m/min- Millimeter level accuracy
● Require the frequency converter to continuously and stably output constant torque at ultra-low frequencies.
● Suitable for slow positioning of PC prefabricated building templates and joint of muscles and bones.



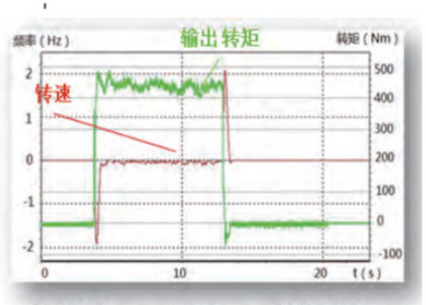
低频大转矩

闭环矢量模式下，能够实现 0.0Hz 输出 200% 额定 转矩，在超低速 0.01Hz 时能稳定带载运行。强大 的低扭输出，确保起重设备在启动、上升、下降 过程中运行平稳不下滑。

转矩控制模式下，转矩输出稳定。线性度偏差在 3% 以内，极大的保证设备的稳定运行。

In closed-loop vector mode, it can output 200% of rated torque at 0.0Hz and operate stably under load at ultra-low speeds of 0.01Hz. The powerful low torque output ensures that the lifting equipment runs smoothly and does not slide during startup, ascent, and descent.

In torque control mode, the torque output is stable. The linearity deviation is within 3%, greatly ensuring the stable operation of the equipment.

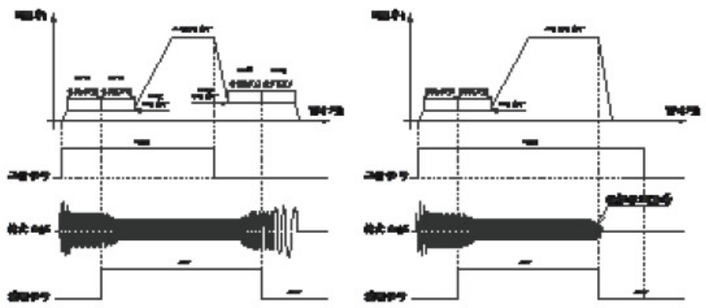


额定转矩230Nm，开环0 rpm 时输出转矩为200%

电机转矩输出保护

运行中实时监测电机转矩、当检测到力矩输出导常或零输出时，立即封锁输出、实现紧急停车。

Real time monitoring of motor torque during operation, immediately blocking the output and achieving emergency shutdown when torque output conductivity or zero output is detected.



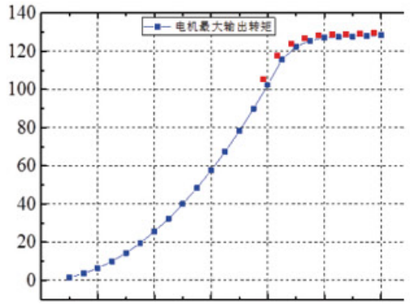
随压随速功能

当起重机在运行过程中受外部电压降低，导致电机输出转矩不足时，此时系统自动降低输出频率，满足电机输出转矩要求。避免因电压拉低，电机转矩不足导致溜车的风险。

低电压满载运行：允许输入电压在额定 ±20% 范围内可满载运行。

When the crane is subjected to external voltage reduction during operation, resulting in insufficient motor output torque, the system automatically reduces the output frequency to meet the motor output torque requirements. Avoid the risk of slipping due to low voltage and insufficient motor torque.

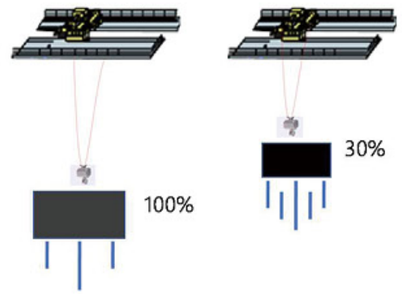
Low voltage full load operation: Allow the input voltage to operate at full load within the rated range of ± 20%.



轻载自动升速

轻载或空钩时、通过内置负载测量模块计算，自动超频进入 2 倍弱磁区；大大的提升了工作效率。

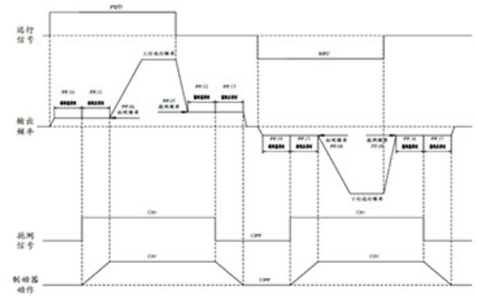
When under light load or empty hook, calculated through the built-in load measurement module, automatically overclocking enters the 2 times weak magnetic field area; Greatly improved work efficiency.



开、抱闸专用逻辑控制

通过松闸频率、松闸电流、制动器松闸时间、制动器抱闸时间等、实现专用的抱闸逻辑控制，确保系统安全可靠。

By controlling the release frequency, release current, brake release time, and brake holding time, a dedicated holding logic control is achieved to ensure the safety and reliability of the system.



抱闸逻辑示意图

远程调试、在线诊断（远程物联网平台）

采用 GPS 和基站双重定位模式，定位精度高，在有遮挡物的情况下，保证定位不受干扰。

远程故障诊断: 可远程监控各限位、主令开关、急停状态、设置变频器参数，上传数据到服务平台。方便售后维护，降低运营成本。

Adopting a dual positioning mode of GPS and base station, with high positioning accuracy, ensuring uninterrupted positioning in the presence of obstacles.

Remote fault diagnosis: It can remotely monitor various limits, master switches, emergency stop status, set frequency converter parameters, and upload data to the service platform. Facilitate after-sales maintenance and reduce operating costs.



智能制造数字化解决方案
Intelligent Manufacturing Digital Solution



智能化仓储系统
Intelligent warehousing system

目前国内企业均在信息化和自动化方面大力投入，以便在整个企业范围内实现信息的集中管理和共享，提高生产控制的水平和产品质量。在这样的背景下，无人化自动行车的使用范围、规模不断扩大。

At present, domestic enterprises are investing heavily in informatization and automation to achieve centralized management and sharing of information throughout the entire enterprise, improve the level of production control and product quality. In this context, the scope and scale of unmanned automatic driving continue to expand.

- 优化库区物流，提高作业效率
- 避免人为失误
- 杜绝人身安全事故
- 避免成品损伤
- 节约人工成本
- 免于恶劣环境作业





1、WMS 系统。主要负责库区物料位置的记录和管理，在库区入料和进料作业时，实时记录所有位置板坯的位置和高度等数据信息，存入管理系统。同时 WMS 系统还负责卸料口的分配和管理，当检测到生产线系统有板坯件下线时，下发作业指令给起重机执行抓取任务。

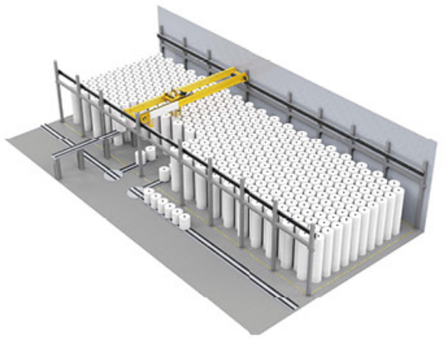
2、ECS 系统，负责对设备的健康度进行诊断和管理，同时基于 WMS 系统的作业指令，自动分配起重机执行相应的抓料任务。在作业较为繁忙或者设备故障时，可自动启动第二台设备作业。

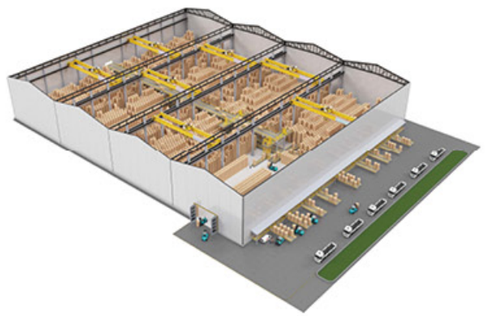
3、自动行车控制系统，行车自带定位检测装置和控制系统，可根据 WMS 系统的指令，控制起重机自动运行至目标位置进行抓料任务，此外行车还带有视频监控系统，可以实时将作业画面传递给中控室监控并储存。同时行车还带有安全系统，包括且不限于行车的防撞保护功能、钢丝绳的断裂检测功能、定位系统故障等。

1. WMS system. Mainly responsible for recording and managing the location of materials in the warehouse area. During material feeding and feeding operations in the warehouse area, real-time data information such as the position and height of all slab positions is recorded and stored in the management system. At the same time, the WMS system is also responsible for the allocation and management of the discharge port. When it detects that there are blank pieces coming off the production line in the production line system, it issues work instructions to the crane to perform the grabbing task.

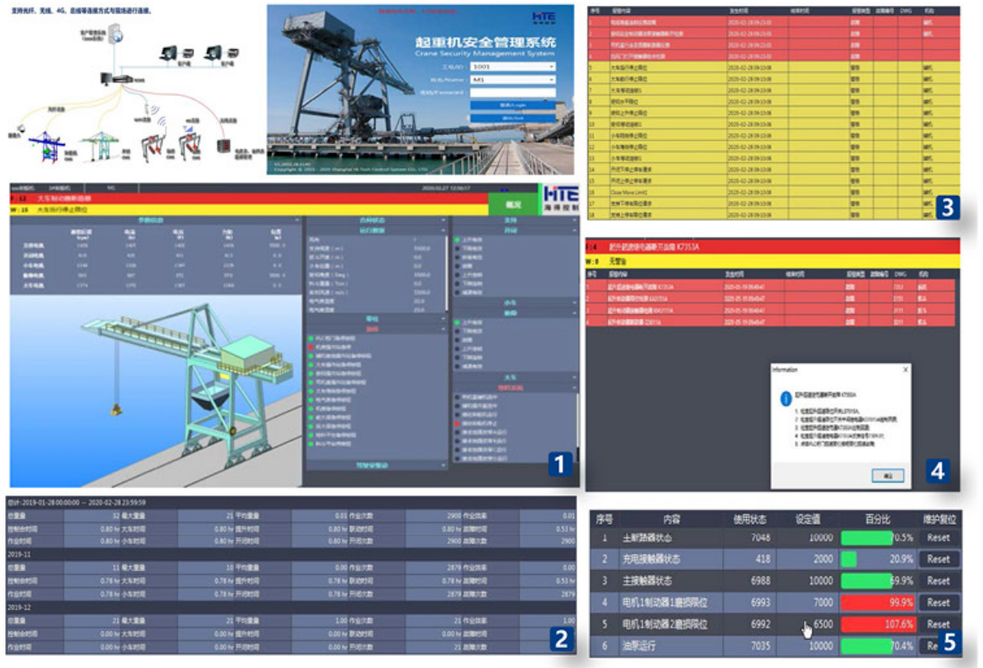
2. The ECS system is responsible for diagnosing and managing the health of equipment, and automatically assigns cranes to perform corresponding material grabbing tasks based on the operation instructions of the WMS system. When the task is busy or the device malfunctions, the second device can be automatically started for operation.

3. The automatic crane control system comes with a positioning detection device and control system, which can control the crane to automatically run to the target position for material grabbing tasks according to the instructions of the WMS system. In addition, the crane is also equipped with a video monitoring system, which can transmit the operation picture to the central control room for real-time monitoring and storage. At the same time, the driving also comes with a safety system, including but not limited to collision protection function, wire rope fracture detection function, positioning system failure, etc.





起重安全管理系统
Lifting safety management system



1. 运行动画监控及回放

作业指令、运行参数设置、运行状态三维动画显示、实时及历史曲线、全画面全状态动画回放。

Job instructions, running parameter settings, 3D animation display of running status, real-time and historical curves, and full screen and full state animation playback.

2. 生产报表

生产作业数据统计，班报、日报、月报。实时显示，历史查询、打印。

Production operation data statistics, including shift reports, daily reports, and monthly reports. Real time display, historical query, printing.

3. 快速维修

分级、分机构故障及报警显示，维修指导，全画面全状态动画回放，快速锁定及排除故障，降低停机时间。

Classification, sub mechanism fault and alarm display, maintenance guidance, full screen and full state animation playback, fast locking and troubleshooting, reducing downtime.

4. 设备维护

关键设备及器件运行寿命实时显示、预警，备件管理。

Real time display and warning of the operating life of key equipment and components, and spare parts management.

5. 权限管理

分等级用户权限管理、操作日志。

Graded user permission management and operation logs.

堆场设备集群智能远程操控
Intelligent remote control of yard equipment cluster



自动运行控制　　设备集群智能远程操控



平台运营支持
Platform operation support



技术创新 精益求精
RICH PRODUCT SOLUTIONS

秉承“技术创新，精益求精“的研发理念，

每年将公司营收的 15% 左右投入到技术研发中。

Adhering to the research and development philosophy of "technological innovation and continuous improvement",
Every year, approximately 15% of the company's revenue is invested in technology research and development.

合作伙伴
Partners

中信重工 CITIC HEAVY INDUSTRIES
中国中车 CRRC
JINNTA
TW
XCMG 徐工集团
YANGLI 扬力集团
DAHAN 大汉建机
大中电机
SIASUN 新松 超越期望 Beyond Expectation
沃得精机 WORLD GROUP
BORCHE
Midea
中国石油
SANY
天元集团
Hymson 海目星激光
LEO 利欧
方圆集团 FANGYUAN GROUP
weg

迈特智能

未来趋势
Future trends

迈特将不断借助物联网，大数据，人工智能等技术，
通过将自动化和信息化深度融合的方式，
打造工业 4.0 智慧工厂，
实现安全生产、高效管理及智慧运营。

同时在国家“碳达峰”、“碳中和”的新背景下，
伟创也将以科技推动环境保护为己任，
通过提升电机产品的核芯源动力，
从源头节能减排，
为建成绿色地球共同体作出贡献。

Matt will continue to leverage technologies such as the Internet of Things, big data, and artificial intelligence,
By deeply integrating automation and informatization,
Build an Industry 4.0 smart factory,
Realize safe production, efficient management, and intelligent operation.

At the same time, in the new context of the country's "carbon peak" and "carbon neutrality",
Weichuang will also take technology to promote environmental protection as its own responsibility,
By enhancing the core power of motor products,
Energy conservation and emission reduction from the source,
Make contributions to building a green earth community.



河南迈特智能装备有限公司
HENAN MAITE INTELLIGENT EQUIPMENT CO., LTD

地址：河南省郑州市经开区第二大街

电话：0371-60998780　15103736006

Address: Second Street, Economic Development Zone, Zhengzhou City, Henan Province

Tel: 0371-60998780 15103736006

公众号二维码

微信二维码

印刷：13903733995