



高端智能装备整体解决方案提供商

High end intelligent equipment overall solution provider

4.0
INDUSTRY



MCB, MCCB, RCCB, RCBO, AC, ACB, ATS, EV, DC, DB, SPD, VCB



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Tik tok: benlong automation



官网



抖音



website



WhatsApp

专注 创新 探索

Dedication Innovation Exploration



奔龙自动化
BENLONG AUTOMATION

SOLUTION
高端智能装备整体解决方案提供商



电力行业
Power industry



3C电子行业
3C Electronics Industry



新能源行业
New energy industry



航空航天行业
Aerospace Industry



通信行业
Communication industry



医疗医药行业
Medical and pharmaceutical industry



汽车/机动车行业
Automotive/Motor Vehicle Industry



五金/服装行业
Hardware/Clothing Industry



文具/玩具行业
Stationery/Toy Industry



印刷/工艺品行业
Printing/Crafts Industry



照明/家具行业
Lighting/Furniture Industry



日化/食品行业
Daily chemical/food industry

CORPORATE CULTURE 企业文化



企业精神 SPIRITUALITY

实干 奉献 创新 探索
Practicality Dedication Innovation Exploration



企业使命 MISSION

开创全新高效的自动化模式
Create a new and efficient automation model



企业愿景 VISION

致力于高低压电器行业数字化智能装备制造领域的隐形冠军，
以智能制造助推工业4.0
Dedicated to being the invisible champion in the field of digital intelligent equipment manuf
Boosting Industry 4.0 with intelligent manufacturing



经营理念 SPIRITUALITY

内诚于心 外信于人 共赢未来
Sincerity in the heart External trust in people Winning the future together



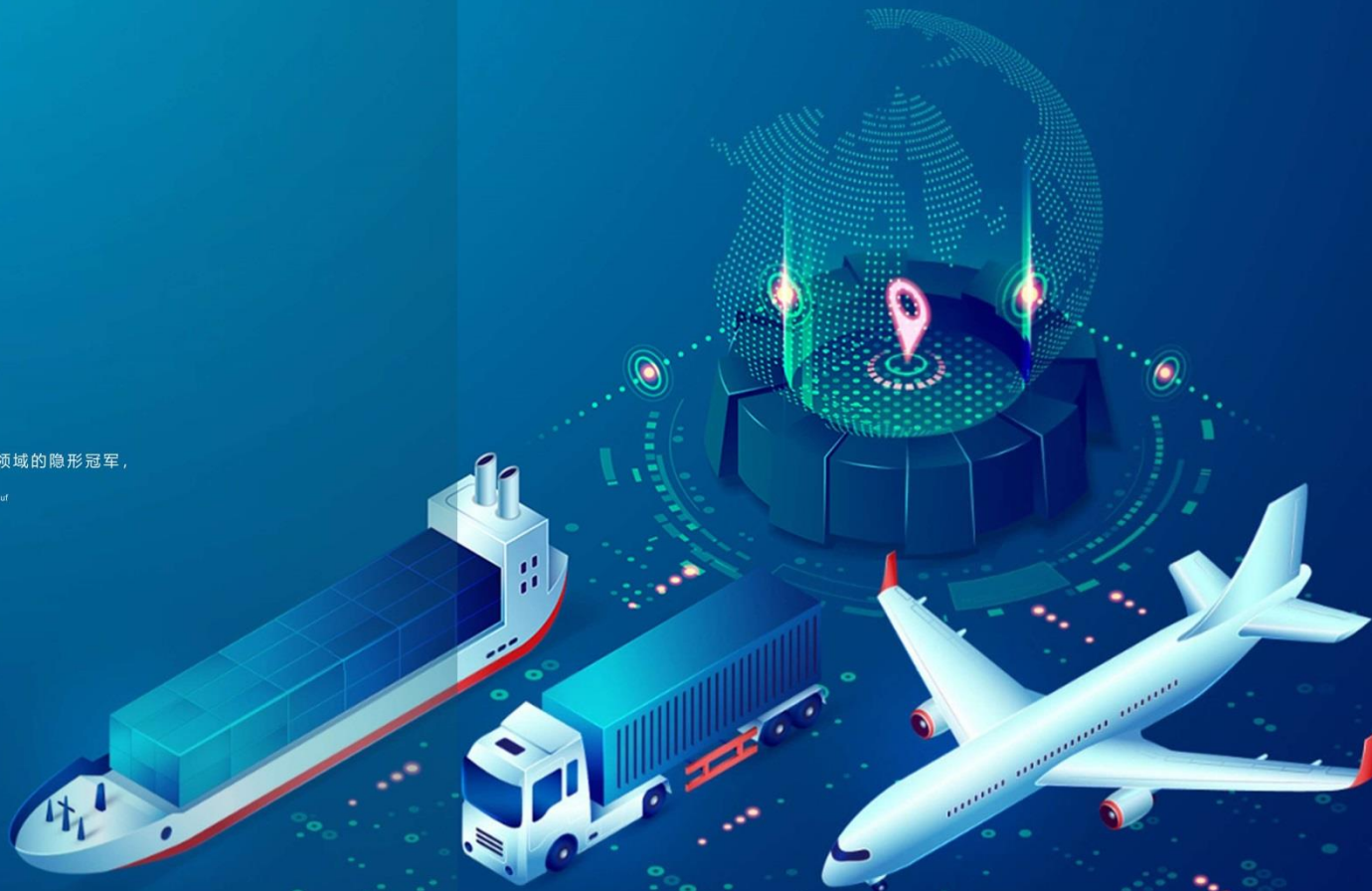
质量方针 QUALITY POLICY

精益求精 质量为本 科技领先 客户至上
Excellence Quality-oriented Leading technology Customer first



核心价值观 CORE VALUES

追求卓越 担当负责 求实创新 勇于突破
Pursuit of excellence, responsibility, pragmatism, innovation and breakthrough



专注 创新 探索

Dedication Innovation Exploration

QUALIFICATIONS

公司简介

奔龙自动化科技有限公司是一家自动化系统集成技术为核心，专注数字化智能制造装备的国家级高新技术企业，成立于2008年，注册资金5088万元，位于“中国电器之都”——温州市，2015年获得“国家高新技术企业”证书、拥有国家专利146项+，软件著作权26项+，先后获得“浙江省科技型中小企业”“乐清市科技创新型企业”“乐清市专利示范企业”“重合同、守信用”诚信企业”浙江省科学技术进步奖”、AAA级信用企业等荣誉。

自成立以来，奔龙在创始人赵宗礼先生的带领下，紧跟国家政策和行业发展趋势，以客户需求为导向，与高校进行“产学研合作及出国培训学习·合作拥有成熟的科研团队，形成以“自主核心技术、关键零部件、核心产品及行业定制解决方案”为一体的完整产业链。奔龙聚焦细分市场、聚焦产品能力提升，聚焦创新研发，在细分市场占有率高，行业地位突出，是低压电器智能化产品线服务较全的提供商之一。

匠心智造，突破创新奔龙利用新技术、新产品先后将机器人、传感器、人工智能、云计算、物联网、MES技术融入低压电器、通讯、电子等产业，为现代制造企业提供全系列智能装备制造的定制解决方案实现生产智能化、柔性化、模块化、自动化流程追溯等，致力成为低压电器行业数字化智能装备制造领域的隐形冠军，以智能制造助推工业4.0发展，业务遍及30多个国家和地区。

Benlong Automation Technology Co., Ltd. is a national high-tech enterprise with automation system integration technology as its core, focusing on digital intelligent manufacturing equipment. Established in 2008, with a registered capital of 50.88 million yuan, it is located in Wenzhou, one of the "Capital of Electrical Appliances in China". In 2015, it obtained the "National High tech Enterprise" certificate, owned 146 national patents, and 26 software copyrights. It has successively won the "Science and Technology Progress Award of Zhejiang Province", "Science and Technology (Innovation) Enterprise of Yueqing City", "Patent Demonstration Enterprise of Yueqing City", "Contract abiding and Credible" Integrity Enterprise", "Science and Technology Progress Award of Zhejiang Province", "AAA Credit Enterprise and other honors.

Since its establishment, under the leadership of its founder, Mr. Zhao Zongli, Benlong has closely followed national policies and industry development trends, guided by customer needs, and engaged in "industry university research cooperation and overseas training and learning" cooperation with universities. It has a mature research team, forming a complete industrial chain that integrates "independent core technology, key components, core products, and industry customized solutions". Benlong focuses on market segmentation, product capability improvement, innovative research and development. It has a high market share in the market segment and a prominent position in the industry. It is one of the providers with comprehensive services in the intelligent product line of low-voltage electrical appliances.

Making innovations with ingenuity and intelligence, Benlong has integrated robotics, sensors, artificial intelligence, cloud computing, Internet of Things, MES technology into low-voltage appliances, communications, electronics and other industries by using new technologies and new products, providing modern manufacturing enterprises with a full range of customized solutions for intelligent equipment manufacturing to achieve intelligent, flexible, modular, automated process tracking, etc. It is committed to becoming an invisible champion in the field of digital intelligent equipment manufacturing in the low-voltage electrical appliance industry, boosting the development of Industry 4.0 with intelligent manufacturing, and its business covers more than 30 countries and regions.

2008年
奔龙自动化创业
Benlong Entrepreneurship

80+
技术专员
technical attach

30+
业务遍及国家和地区
Business covers countries and regions

1200+
国内公司合作
Cooperative companies

28+
上市公司合作
Listed company cooperation

3+
战略合作单位
Strategic Partners

2+
科研院所及大专院校
Research Institutions

265+
知识产权
intellectual property

FOUNDER OF BENLONG

奔龙品牌创始人 》》

奔龙品牌创始人- 赵宗礼先生出生于河南郸城，1998年进入自动化设备制造行业，先后曾任职于某国企机器人自动化上市公司、某低压电器上市公司，从事与自动化项目设计相关工作，在工作中，他从基层开始，善于学习和思考，工作之余关注行业最新动态在不断的学习和实践中积累经验，增长见识。

凭着多年技术经验的积累和对行业趋势的把握，他敏锐意识到自身所在的行业，对“智能制造自动化系统集成设备”的迫切需求，面对我国制造业与国际制造业的差距2008年，赵宗礼先生怀揣着振兴中国智能制造的梦想，放弃稳定的工作，创立了“奔龙”“自动化，致力于低压电器行业数字化智能制造装备的定制研发与设计，自此开启了他的科技创业之路。



赵宗礼 ZHAO ZONGLI

奔龙自动化科技有限公司 董事长
乐清市商会 常务副会长
Chenlong Automation Technology Co., Ltd.
Executive Vice President of Yingsheng Yingsheng Chamber of Commerce

初创期间，他秉承工匠精神，孜孜不倦的进行技术研发，遇到了诸多困难，资金不足、人才困难、技术瓶颈等等问题，面对问题，他不妥协，不放弃，锐意进取，一直在追逐梦想，想尽办法解决却从不感到厌倦，不知疲惫……

创业路上，他紧跟改革创新步伐，积极学习先进技术和管理经验，不断的自主创新，进行技术攻关，通过长期坚持不懈的努力和拼搏，通过“产学研合作及出国培训学习”的方式，他带领着他的团队，以客户需求为导向，积极探索持续创新，精益求精，研发出奔龙自有的特色产品，成功上市后赢得客户的普遍赞誉。

如今，他带领“奔龙”保持持续快速增长，产品线覆盖面越来越广，形成了奔龙独特的产业模式。

未来，他将继续带领奔龙在数字化智能制造装备定制解决方案的道路上越走越远，成为业内标杆，为中国智造助力，推动中国制造产业转型升级，努力打造工业4.0……

Mr. Zhao Zongli, the founder of Benlong brand, was born in Dancheng, Henan Province. He entered the automation equipment manufacturing industry in 1998. He has successively worked in a state-owned robot automation listed company and a low-voltage electrical appliance listed company, engaged in work related to automation project design. In his work, he started at the grass-roots level and was good at learning and thinking. After work, he paid attention to the latest trends in the industry and accumulated experience in continuous learning and practice to increase knowledge.

With years of accumulated technical experience and a grasp of industry trends, he is keenly aware of the urgent demand for "intelligent manufacturing automation system integration equipment" in his industry. Faced with the gap between China's manufacturing industry and the international manufacturing industry, in 2008, Mr. Zhao Zongli cherished the dream of revitalizing China's intelligent manufacturing and gave up stable work. He founded "Benlong" automation, committed to the customized R&D and design of digital intelligent manufacturing equipment in low-voltage electrical appliances industry, and has since opened his way to technological entrepreneurship.

During his start-up period, he adhered to the spirit of craftsmanship and tirelessly carried out technological research and development. He encountered many difficulties, such as insufficient funds, talent difficulties, technical bottlenecks, and so on. In the face of problems, he did not compromise, did not give up, and was determined to make progress. He had been pursuing his dreams and finding ways to solve them, but never felt tired or exhausted.

On the path of entrepreneurship, he closely follows the pace of reform and innovation, actively learns advanced technology and management experience, continuously innovates independently, carries out technological breakthroughs, and leads his team through long-term unremitting efforts and hard work, through "industry university research cooperation and overseas training and learning". Guided by customer needs, he actively explores continuous innovation, strives for excellence, and develops Benlong's own characteristic products, winning widespread praise from customers after successful listing.

Now, he leads "Benlong" to maintain sustained and rapid growth, with a wider product line coverage, forming a unique industrial model for Benlong.

In the future, he will continue to lead Benlong on the path of customized solutions for digital intelligent manufacturing equipment, becoming a benchmark in the industry, assisting China's intelligent manufacturing, promoting the transformation and upgrading of China's manufacturing industry, and striving to build Industry 4.0.



高端智能装备整体解决方案提供商

High end intelligent equipment overall solution provider



高端智能装备整体解决方案提供商

High end intelligent equipment overall solution provider



OUR STRENGTHS

我们的优势

产业领域 INDUSTRY

奔龙产业领域涵盖自动化设备及数字化智能制造系统，能够为用户量身定制具备国际领先水准的高低压电器自动化生产线成套装备、智能制造整体解决方案等。推动工业4.0

Benlong's industry covers automation equipment and digital intelligent manufacturing systems, and is able to customize high and low voltage electrical automation production line equipment with international leading level, intelligent manufacturing total solutions, etc., to promote Industry 4.0

系统特点 SYSTEM FEATURES

采用MES制造执行系统：功能有资源分配/状态、操作调度、生产分派、文档控制、数据采集、在制品状态/跟踪、质量管理、性能分析、过程管理、产品跟踪及追溯、维护管理等。自动化、信息化、模块化、柔性化、定制化、可视化、一键切换、云计算、全局监测管理、预整通知、远程维护设计理念。

Using MES Manufacturing Execution System: Functions include resource allocation/status, operation scheduling, production assignment, document control, data collection, work-in-process status/tracking, quality management, performance analysis, process management, product tracking and genealogy, maintenance management etc, documentation control, data acquisition, in-process status/tracking, quality management, performance analysis, process management, product tracking and genealogy, maintenance management, etc. Automation, information technology, modularity, flexibility, customisation, visualisation, one-click switching, cloud computing, global monitoring and management, pre-rounding notification, remote maintenance design concepts.

数字化制造 DIGITAL MANUFACTURING

数字化智能制造整体解决方案包括自动装配检测系统集成、机器人系统集成、激光自动化装备、智能物流仓储系统、数字化智能工厂解决方案，可实现产品从设计到制造的全生命周期的自动化过程，从根本上实现制造模式的变革。

The overall solution of digital intelligent manufacturing includes automatic assembly and testing system integration, robot system integration, laser automation equipment, intelligent logistics and storage system, digital intelligent factory solution, which can realize the automation process of the whole life cycle of the product from design to manufacturing, and fundamentally realize the change of manufacturing mode.

核心竞争力 CORE COMPETITIVENESS

在数字化转型的浪潮下，奔龙科技顺应能源大势，打造智能预制化产品，搭建智能MES执行系统，赋能数字化转型，加强能源管理，在保证自动化系统稳定的基础上，进一步提升能源使用的效率与节能水平，开启了奔龙科技数字化转型大幕。

Under the wave of digital transformation, Benlong Technology has responded to the energy trend by creating intelligent prefabricated products and Build intelligent MES execution system, empower digital transformation, strengthen energy management, ensure automation On the basis of the stability of the system, the efficiency and energy saving of energy use is further improved, opening the curtain of digital transformation of Benlong Technology.

技术服务 TECHNICAL SERVICES

奔龙公司为充分发挥自身在智能制造领域的技术优势，更好地服务区域企业，促进区域产业升级，为众多制造企业提供智能制造解决方案，传递“智能制造”理念，分享“智能制造”案例，提供“智能制造”技术服务。

In order to give full play to its technical advantages in the field of intelligent manufacturing, to better serve regional enterprises and promote regional industrial upgrading, Benlong provides intelligent manufacturing solutions for many manufacturing enterprises, conveys "intelligent manufacturing" concepts, shares "intelligent manufacturing" cases and provides "intelligent manufacturing" technical services.

高端智能装备整体解决方案 High-end intelligent equipment overall solutions

奔龙自动化解决方案有：电力行业、3C电子行业、新能源行业、航空航天行业、通信行业、医疗医药行业、汽车/机动车行业、五金/服装行业、文具/玩具行业、印刷/工艺品行业、照明/家具行业、成功出口30多个国家和地区。

Benlong automation solutions: electric power industry, 3C electronic industry, new energy industry, aerospace industry, communication industry, medical and pharmaceutical industry, automobile/motor vehicle industry, hardware/garment industry, stationery/toy industry, Printing/craft industry, lighting/furniture industry, and successfully exported to more than 30 countries and regions.

专注 创新 探索

Dedication Innovation Exploration



国家高新技术企业、专利示范企业、浙江省科学技术进步奖、科技人员突出贡献奖

National High-tech Enterprise, Patent Demonstration Enterprise, Science and Technology Progress Award of Zhejiang Province, Outstanding Contribution Award for Scientific and Technical Personnel

奔龙发展历程 COMPANY HISTORY

2008-2011
奔龙发展历程
DEVELOPMENT HISTORY

- 2008 奔龙自动化创办2008年
Benlong Automation Technology Co., Ltd.
was established in 2008
- 2009 自主研发RCBO/MCB自动化生产线
Self-developed RCBO / MCB automated production line
- 2010 自主研发MCCB/ACB自动化生产线
Self-developed MCCB / ACB automated production line
- 2011 出口至伊朗、中东、北非等十多个国家。
Exported to more than ten countries including Iran, Middle East and North Africa.

2011-2015
奔龙发展历程
DEVELOPMENT HISTORY

- 2012 获得AAA级信用企业证书
Awarded AAA grade credit enterprise certificate
- 2013 与上海科学研究所签订战略合作
Strategic cooperation signed with Shanghai Institute of Science
- 2014 获得乐清市科技(创新)型企业证书
Obtained Yueqing City Science and Technology (Innovation) Enterprise Certificate
- 2015 获得国家高新技术企业证书
Obtained National High-tech Enterprise Certificate

2016-2019
奔龙发展历程
DEVELOPMENT HISTORY

- 2016 获得浙江省科学技术进步奖和证书
Awarded Science and Technology Progress Prize and Certificate of Zhejiang Province
- 2017 获得乐清市专利示范企业证书
Obtained Yueqing Patent Demonstration Enterprise Certificate
- 2018 获得市企业技术研究开发中心证书
Obtained the certificate of Municipal Enterprise Technology Research and Development Centre
- 2019 获得科技创新先进企业证书
Awarded Advanced Enterprise Certificate in Science and Technology Innovation

2020-2024
奔龙发展历程
DEVELOPMENT HISTORY

- 2020 获得温州创业青年楷模企业证书
Awarded a certificate as a model enterprise for entrepreneurial youth in Wenzhou
- 2021 获得浙江省AAA级重信用企业证书
Awarded the certificate of AAA grade contract-keeping and trustworthy enterprise in Zhejiang Province
- 2022 获得第三次国家高新企业证书
Obtained the third national high-tech enterprise certificate
- 2023 携重核设备参展伊朗展会、越南展会
Benlong Automation participated in Iran and Vietnam exhibitions with heavy nuclear equipment
- 2024 创新、探索、开创全新高效的自动化模式
Innovation, exploration, and creation of new and efficient automation modes

售前服务 Pre sales service	客户公司名称 Customer company name	客户公司地址 Customer company address		
	联系人 contacts	电话/WhatsApp Phone/WhatsApp		
	产品名称 product name	产能要求/生产节拍 Capacity requirements/production pace		
	技术参数及特殊要求 Technical parameters and special requirements	需要提供样品 Samples need to be provided		<div>成套或成品 Complete set or finished product</div> <div>2个 2 or more</div>
		<div>散装配件 Loose accessories</div> <div>2套 2 or more sets</div>		
售中服务 In sales service	设计方案制作 Design proposal production	初步设计方案 (10~15个工作日) Preliminary design plan (10-15 working days)	整体设计布局图、项目/单元/设备局部效果图 (PDF版本/电子章)。 Overall design layout, project/unit/equipment partial rendering (PDF version/electronic seal)。	
			项目/单元/设备类似视频、三维动画 (视频版+字幕)。 The project/unit/equipment is similar to videos and 3D animations (video version+subtitles)。	
			技术协议或设计方案的文字性描述 (PDF版本+电子章) Textual description of technical agreements or design solutions (PDF version+electronic seal)	
			技术协议或设计方案的PPT介绍 (PDF版本+电子章)。 PPT introduction of technical agreements or design solutions (PDF version+electronic seal)	
			邀约客户对设计方案进行第一次讨论; 编写设计方案完善内容及项目变更会议纪要。 Inviting clients to have the first discussion on the design proposal; Compile design proposals to improve content and project change meeting minutes	
			初步设计方案 (3~5个工作日) Preliminary design plan (3-5 working days)	
客服部 Customer Service Department	商务 commercial affairs	价格谈判、合同签约、保密协议签约。 Price negotiation, contract signing, and confidentiality agreement signing.		
	交货期 delivery date	标准化项目/单元/设备30~45个工作日, 非标类90~120个工作日。 Standardized projects/units/equipment take 30-45 working days, non-standard categories take 90-120 working days		
	三维图纸评审 3D drawing review	邀约客户对设计图纸进行评审; 编写设计图纸评审会议纪要; 客户此时要提供试机产品10~1000套。 Inviting clients to review design drawings; Compile minutes of design drawing review meetings; The customer needs to provide 10-1000 sets of trial products at this time.		
	交货前准备 Preparation before delivery	项目制造完成后, 邀约客户到奔龙自动化公司现场进行发货前的预验收工作, 并签约预验收报告。 After the completion of project manufacturing, invite customers to the site of Benlong Automation Company for pre acceptance work before shipment, and sign a pre acceptance report.		
客服部 Customer Service Department	发货 send out goods	项目进行模块化拆解、打包、贴标识文件、随机文件等, 货物到达客户现场后, 工程师在客户现场进行施工、安装、调试、培训、资料交接、试运行。 The project undergoes modular disassembly, packaging, labeling of documents, random files, etc. After the goods arrive at the customer's site, engineers carry out construction, installation, debugging, training, data handover, and trial operation at the customer's site.		
	终验收 Final acceptance	项目安装调试完成试运行7~15个工作日内, 邀约客户到设备现场进行终验收工作, 并签约验收报告。 Within 7-15 working days after the completion of project installation and commissioning, invite customers to the equipment site for final acceptance work and sign the acceptance report.		
	客服部收到客户反馈问题后, 第一时间以最紧急的状态与客户现场操作人员进行电话沟通、视频指导、远程技术支持等。 After receiving feedback from the customer, the customer service department immediately communicates with the customer's on-site operators via phone, video guidance, remote technical support, etc. in the most urgent manner.			
客服部 Customer Service Department	客服部电话沟通、视频指导、远程技术支持无法彻底解决的情况下, 立即调度最近位置售后人员, 乘坐高铁/航班/专车到达客户现场进行解决。 If the customer service department cannot completely solve the problem through telephone communication, video guidance, and remote technical support, immediately dispatch the nearest after-sales personnel to the customer's site by high-speed rail/flight/special vehicle for resolution.			

七大服务体系 只为您更满意!

Seven service systems Just to make you more satisfied



技术服务与支持 TECHNICAL SERVICE AND SUPPORT

设备连接网络, 奔龙自动化专业工程技术人员随时可以远程协助维护及查找原因。
With the equipment connected to the network, Benlong Automation's professional engineers and technicians are always available to assist remotely with maintenance and cause finding.



技术服务与支持 TECHNICAL SERVICE AND SUPPORT

双方单位工程技术人员随时可以电话和微信、QQ、WhatsApp等进行技术支持与沟通。
Engineers and technicians from both units are always available for technical support and communication by phone and WeChat, QQ and WhatsApp.



技术服务与支持 TECHNICAL SERVICE AND SUPPORT

设备在发货前, 邀请客户指派技术人员3~5人到奔龙自动化公司进行20~30天的专业操作、维修、生产线原理培训。
Before the equipment is shipped, the customer is invited to assign 3-5 technicians to Benlong Automation for 20-30 days of professional training in operation, maintenance and production line principles.



技术服务与支持 TECHNICAL SERVICE AND SUPPORT

设备在发货前, 奔龙自动化公司提供一套易损件实物、图纸、型号、品牌、供应商联系方式。
Before the equipment is shipped, Benlong Automation provides a complete set of wearing parts in kind, drawings, models, brands and supplier contacts.



技术服务与支持 TECHNICAL SERVICE AND SUPPORT

设备在发货时, 奔龙自动化公司提供一套日常维修、易损件更换过程的视频及3D动画原理图。
When the equipment is delivered, Benlong Automation provides a set of videos and 3D animated schematics of the daily maintenance and wear parts replacement process.



技术服务与支持 TECHNICAL SERVICE AND SUPPORT

奔龙自动化官方网站上传设备日常维修、易损件更换过程的视频及资料。
The official website of Benlong Automation uploads videos and information on the daily maintenance of the equipment and the replacement process of wearing parts.



技术服务与支持 TECHNICAL SERVICE AND SUPPORT

建议奔龙自动化输送2~3中国人员至客户公司上班, 配置人员的基本要求: 熟悉产品生产工艺、熟悉产品质量管控、熟悉设备原理、熟悉设备操作技能、熟悉设备日常维护保养、熟悉设备配件更换及设备维修。
It is recommended that Benlong Automation transport 2-3 Chinese personnel to the customer's company to work, the basic requirements for staffing: familiar with product production process, product quality control, equipment operation principle, equipment operation skills, equipment routine maintenance, equipment parts replacement and equipment repair.

001/002

自动化生产线/设备产品族谱图
Automated Production Line/Equipment Product Family Diagram

003/060

MCB微型断路器自动化装配检测柔性生产线
MCB Miniature Circuit Breaker Automated Assembly and Inspection Flexible Production Line

物联网智能微型断路器自动化装配检测柔性生产线
IoT Intelligent Miniature Circuit Breaker Automated Assembly and Inspection Flexible Production Line

漏电断路器自动化装配检测柔性生产线
Leakage Circuit Breaker Automated Assembly and Testing Flexible Production Line

隔离开关自动化装配检测柔性生产线
Disconnecting Switch Automated Assembly and Testing Flexible Production Line

电能表外置低压断路器自动化装配检测柔性生产线
Energy Meter External Low Voltage Circuit Breaker Automated Assembly and Testing Flexible Production Line

MCCB塑壳断路器自动化装配检测柔性生产线
MCCB Moulded Case Circuit Breaker Automated Assembly and Testing Flexible Production Line

MCCB塑壳计量重合闸断路器自动化装配检测柔性生产线
MCCB moulded case metering reclosing circuit breaker automatic assembly testing flexible production line

交流接触器自动化装配检测柔性生产线
AC Contactor Automated Assembly and Testing Flexible Production Line

ACB框架断路器自动化装配检测柔性生产线
ACB Frame Circuit Breaker Automated Assembly and Testing Flexible Production Line

双电源自动转换开关自动化装配检测柔性生产线
Dual power automatic transfer switch automatic assembly and testing flexible production line

浪涌保护器自动化装配检测柔性生产线
Surge Protector Automated Assembly and Testing Flexible Production Line

NT50断路器自动化装配检测柔性生产线
NT50 Circuit Breaker Automated Assembly and Testing Flexible Production Line

RT18熔断器自动化装配检测柔性生产线
RT18 fuse automatic assembly and testing flexible production line

V51真空断路器自动化装配检测柔性生产线
V51 Vacuum Circuit Breaker Automated Assembly and Testing Flexible Production Line

墙壁开关自动化装配检测柔性生产线
Wall Switch Automated Assembly and Testing Flexible Production Line

时控开关自动化装配检测柔性生产线
Flexible production line for automatic assembly and testing of time control switches

量测开关自动化装配检测柔性生产线
Measuring switch automatic assembly and testing flexible production line

电能表自动化装配检测柔性生产线
Energy Meter Automated Assembly and Testing Flexible Production Line

锂电池自动化装配检测柔性生产线
Lithium battery automatic assembly and testing flexible production line

充气柜真空断路器自动化装配检测柔性生产线
Flexible Production Line for Automatic Assembly and Testing of Vacuum Circuit Breaker of Inflatable Cabinet

光伏直流隔离开关自动化装配检测柔性生产线
Photovoltaic DC Disconnect Switch Automated Assembly and Testing Flexible Production Line

光伏重合闸/直流断路器自动化装配检测柔性生产线
Photovoltaic Recloser/DC Circuit Breaker Automated Assembly and Testing Flexible Production Line

信号灯自动化装配检测柔性生产线
Signal Light Automated Assembly and Testing Flexible Production Line

直流充电桩自动化冲压焊接柔性生产线
DC Charging Pile Automatic Stamping and Welding Flexible Production Line

直流充电桩自动化装配检测柔性生产线
DC charging pile automatic assembly and testing flexible production line

交流充电桩自动化装配检测柔性生产线
AC charging pile automatic assembly and testing flexible production line

直流充电桩自动化装配检测柔性生产线
DC charging gun automatic assembly and testing flexible production line

低压磁控开关自动化装配检测柔性生产线
Low-voltage Magnetic Switch Automated Assembly and Testing Flexible Production Line

智能控制柜自动化装配检测柔性生产线
Intelligent control cabinet automatic assembly and testing flexible production line

061/072

MCB微型断路器一体式自动化生产线
MCB Miniature Circuit Breaker All-in-One Automated Production Line

交流接触器精益自动化生产线
AC Contactor lean automated production line

SPD浪涌保护器自动化生产线
SPD surge protector automatic production line

继电器触点自动检测压盘设备
Relay contact automatic inspection using equipment

MCB微型断路器自动延时检测时间设备
MCB miniature circuit breaker automatic delay detection equipment

电磁阀阀芯自动装配检测设备
Solenoid valve spool automatic assembly testing equipment

073/092

低压电器实验室检测设备
Low-voltage electrical laboratory testing equipment

焊接类专用设备
Welding equipment

激光应用专用设备
Specialized equipment for laser application

机器人应用专用设备
Robot application equipment

视觉应用专用设备
Specialized equipment for vision application

物流运输专用设备
Specialized equipment for logistics and conveying

自动化装配及专用设备
Automated assembly and special equipment

自动包装设备
Automatic Packaging Equipment

MES智能制造生产过程执行系统
MES Intelligent Manufacturing Process Execution System

智能仓储
Intelligent Warehousing

093/104

设备定制木箱包装
Customized Wooden Case Packaging for Equipment

数字化虚拟工厂
Digital Virtual Factory

客户合影
Customer group photo

展会展览
Trade Show Exhibitions

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About Us

荣誉与资质
Honors and Qualifications

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我们的客户
Our Clients

电力行业一站式服务 One-stop shop for the power industry

2 TWO

塑料模具、注塑机 Plastic Mold/Injection Molding Machine



4 FOUR

自动焊接 Automatic welding



6 SIX

自动化生产线 Automatic production line



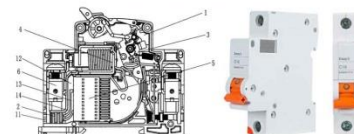
8 EIGHT

远程服务 remote service



1 ONE

产品设计 product design



3 THREE

冲床、冲压模具 Puncher, press tool



5 FIVE

实验室设备 Laboratory equipment



7 SEVEN

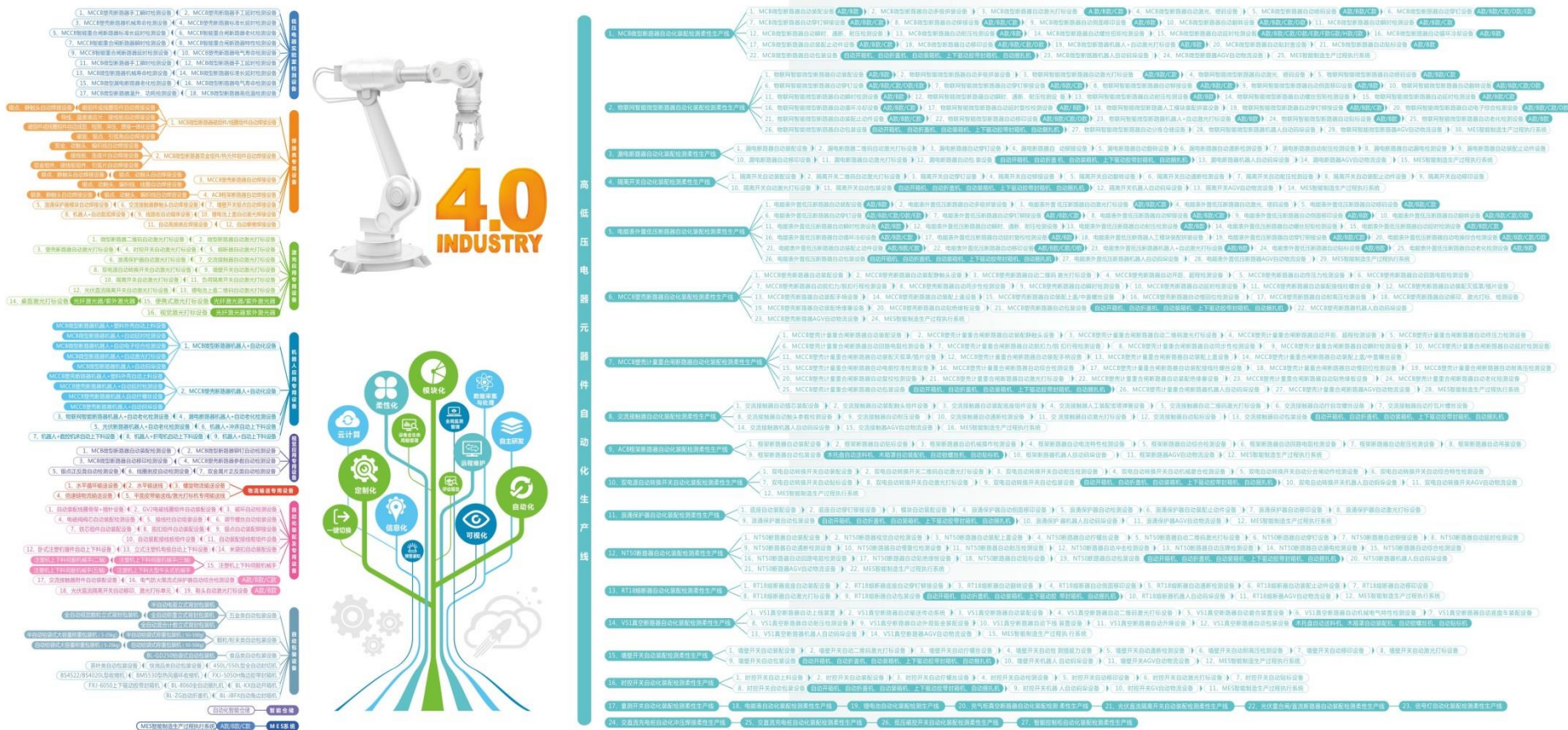
技术指导培训 Technical guidance training



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自动化生产线 / 设备产品族谱图

AUTOMATED PRODUCTION LINES / EQUIPMENT PRODUCT FAMILY DIAGRAM



MCB微型断路器自动化装配检测柔性生产线

MCB Miniature Circuit Breaker Automated Assembly and Inspection Flexible Production Line



具有装配、拼装、喷码、穿钉、铆接、瞬时、延时、冷却、延时复校、机械特性、通断、耐压、移印、激光、卡扣/止动件、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of assembly, assembling, code spraying, nail threading, riveting, instantaneous, delayed, cooling, delayed recalibration, mechanical characteristics, through-break, pressure-resistant, pad printing, laser, snap/stop parts, packaging, palletizing, AGV logistics, out-of-material alarm, and other processes such as assembling, on-line inspection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of the MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and intelligent equipment service big data cloud platform, and so on.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压: 380V \pm 10%, 50Hz; \pm 1Hz;
2. 设备兼容: 1P、2P、3P、4P、B型、C型、D型, 18模数或27模数。
3. 设备生产节拍: 1秒/极、1.5秒/极、2秒/极、2.4秒/极、3秒/极、5秒/极六种可任意选配。
4. 同一壳架产品, 不同级数可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
2. Device compatibility: 1P, 2P, 3P, 4P, B type, C type, D type, 18 modulus or 27 modulus.
3. Equipment production rhythm: 1 second per pole, 1.5 seconds per pole, 2 seconds per pole, 2.4 seconds per pole, 3 seconds per pole, and 5 seconds per pole can be selected at will.
4. The same shell product can be switched between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

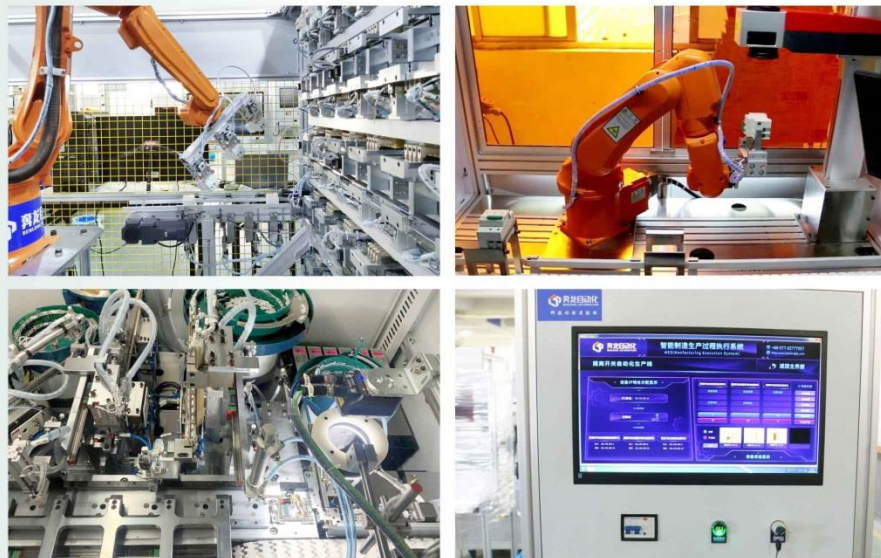


物联网智能微型断路器自动化装配检测柔性生产线 IOT intelligent miniature circuit breaker automatic assembly and testing flexible production line



具有装配、拼装、喷码、穿钉、铆接、瞬焊、延时、冷却、延时复校、机械特性、同步性、通断、耐压、过压、欠压、温度校准、漏电流校准、漏电流检测、浪涌、电弧、缺相、计量校准、功率、功耗、功率因子、频率、WiFi、蓝牙、NB、载波、4G通讯、卡扣/止动件、移印、激光、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With assembly, assembling, coding, piercing, riveting, instantaneous, delay, cooling, delay recalibration, mechanical characteristics, synchronization, on/off, voltage withstand, over-voltage, under-voltage, temperature calibration, leakage calibration, leakage detection, surge, arcing, phase loss, metering calibration, power, power consumption, power factor, frequency, WiFi, Bluetooth, NB, carrier, 4G communication, snap/stop parts, pad printing, laser, packaging, Palletizing, AGV logistics, lack of material alarm and other processes of assembly, online testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, MES system and ERP system networking, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment service big data cloud platform and other functions.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
2. 设备兼容：1P、2P、3P、4P、B型、C型、D型、18模数或27模数。
3. 设备生产节拍：90秒/台、270秒/台、540秒/台三种可任意选配。
4. 同一壳架产品，不同级数可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式：人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Device compatibility: 1P, 2P, 3P, 4P, B type, C type, D type, 18 modulus or 27 modulus.
3. Equipment production rhythm: 90 seconds per unit, 270 seconds per unit, and 540 seconds per unit can be optionally matched.
4. The same shell product can be switched between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.



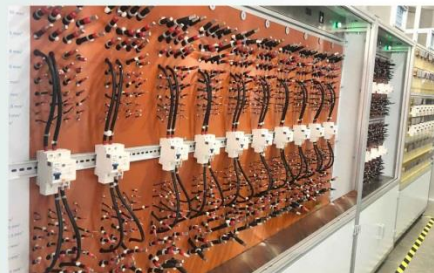
漏电断路器自动化装配检测柔性生产线

Leakage circuit breaker automated assembly and testing flexible production line



具有装配、拼装、喷码、穿钉、铆接、机械特性、通断、耐压、剩余电流、相位角、脱扣时间、试验按钮、50V可靠性、卡扣/止动件、移印、激光、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of assembly, assembling, code spraying, nail threading, riveting, mechanical characteristics, on/off, voltage withstand, residual current, phase angle, decoupling time, test button, 50V reliability, snap/stop parts, pad printing, laser, packaging, palletizing, AGV logistics, out-of-material alarm and other processes of assembling, on-line testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service, and so on.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压: 380V \pm 10%, 50Hz; \pm 1Hz;
2. 设备兼容: 1P+N, 2P, 3P+N, 4P, A型, AC型, B型, 18模数或27模数。
3. 设备生产节拍: 5秒/台、10秒/台两种可任意选配。
4. 同一壳架产品, 不同极数可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。



1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
2. Device compatibility: 1P+N, 2P, 3P+N, 4P, A type, AC type, B type, 18 module or 27 module.
3. Equipment production rhythm: 5 seconds per unit and 10 seconds per unit can be optionally matched.
4. The same shell product can be switched between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

隔离开关自动化装配检测柔性生产线

Flexible production line for automatic assembly and testing of disconnecting switches



具有装配、锁螺丝、合/分闸扭力、机械特性、通断、耐压、同步性、回路电阻、移印、激光、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of assembly, on-line inspection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service, etc. in the processes of assembling, locking screws, closing/closing torque, mechanical characteristics, on/off, voltage resistance, synchronicity, circuit resistance, pad printing, laser, packaging, palletizing, AGV logistics, and out-of-feeding alarm.



自动化



信息化



模块化



可视化



定制化



柔性化



云计算



一键切换



远程维护



数据采集



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

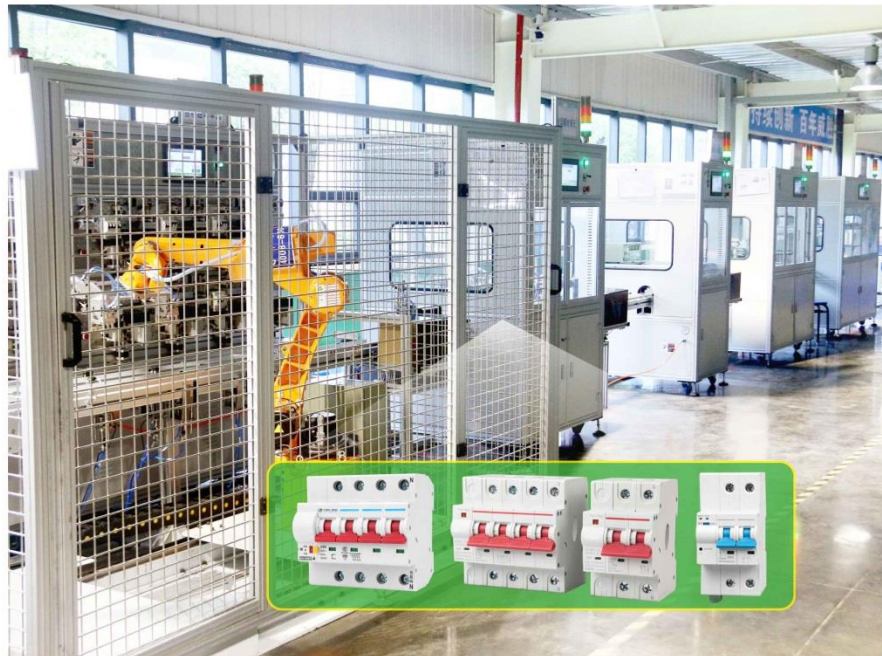
1. 设备输入电压: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. 设备兼容极数: 2P、3P、4P、63系列、125系列、250系列、400系列、630系列、800系列。
3. 设备生产节拍: 10秒/台、20秒/台、30秒/台三种可任意选配。
4. 同一壳架产品, 不同极数可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. Device compatible poles: 2P, 3P, 4P, 63 series, 125 series, 250 series, 400 series, 630 series, 800 series.
3. Equipment production rhythm: 10 seconds per unit, 20 seconds per unit, and 30 seconds per unit can be freely selected.
4. The same shelf product can be switched between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.



电能表外置低压断路器自动化装配检测柔性生产线

Energy meter external low voltage circuit breaker automated assembly and testing flexible production line



具有装配、拼装、喷码、穿钉、铆接、瞬时、延时、冷却、延时复校、机械特性、通断、耐压、过压、欠压、上电延时、分合闸、电操检测、通讯检测、卡扣/止动件、老化、移印、激光、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

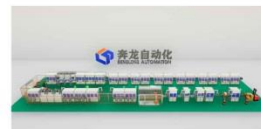
It has the functions of assembly, assembly, code spraying, nail threading, riveting, instantaneous, time delay, cooling, time delay recalibration, mechanical characteristics, on-off, voltage withstand, over-voltage, under-voltage, power-on delay, switching, electrical operation detection, communication detection, snap/stop parts, aging, pad printing, laser, packaging, palletizing, AGV logistics, out-of-materials alarms, etc. assembly, on-line testing, real-time monitoring, quality traceability, bar code identification, component Life monitoring, data storage, MES system and ERP system networking, parameter arbitrary recipe, intelligent energy analysis and energy saving management system, intelligent equipment service big data cloud platform and other functions.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
2. 设备兼容：1P、2P、3P、4P、1P+N、2P+N、3P+N、4P、2P+电操、3P电操、4P+电操、B型、C型、D型、18模数或27模数。
3. 设备生产节拍：28秒/台、40秒/台两种可任意选配。
4. 同一壳架产品，不同级数可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式：人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Device compatibility: 1P, 2P, 3P, 4P, 1P+N, 2P+N, 3P+N, 4P, 2P+electric operation, 3P electric operation, 4P+electric operation, B type, C type, D type, 18 module or 27 module.
3. Equipment production rhythm: 28 seconds per unit and 40 seconds per unit can be optionally matched.
4. The same shell product can be switched between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.



MCCB塑壳断路器自动化装配检测柔性生产线

MCCB Molded Case Circuit Breaker Automated Assembly and Inspection Flexible Production Line



具有装配、贴标、机械磨合、开距、超程、终压力、回路电阻、脱扣力、脱扣行程、同步性、瞬时、延时、慢回位、机械特性、通断、耐压、移印、激光、包装、码垛、AGV物流、缺料报警等工序的装配。在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of assembly, online inspection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service, etc. It is equipped with the functions of assembly, labeling, mechanical grinding, open distance, overtravelling, end pressure, circuit resistance, release force, release travel, synchronicity, instantaneous, time-delayed, slow return, mechanical characteristics, through-breakage, pressure-resistance, pad-printing, laser, packaging, palletizing, AGV logistics, and out-of-materials alarm.



自动化
Automation



信息化
Informatization



模块化
Modularization



可视化
Visualization



定制化
Customization



柔性化
Flexibilization



云计算
Cloud Computing



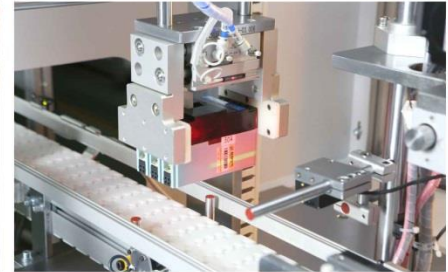
一键切换
One-Click Switching



远程维护
Remote Maintenance



数据采集
Data Acquisition



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
2. 设备兼容：2P、3P、4P、63系列、125系列、250系列、400系列、630系列、800系列。
3. 设备生产节拍：28秒/台、40秒/台两种可任意选配。
4. 同一壳架产品，不同级数可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式：人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。



1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Device compatibility: 2P, 3P, 4P, 63 series, 125 series, 250 series, 400 series, 630 series, 800 series.
3. Equipment production rhythm: 28 seconds per unit and 40 seconds per unit can be optionally matched.
4. The same shell product can switch between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

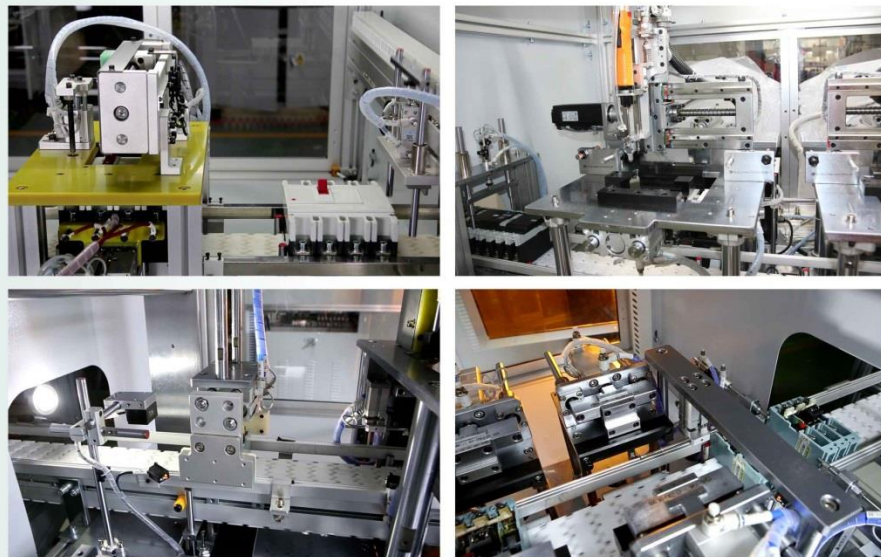
MCCB塑壳计量重合断路器自动化装配检测柔性生产线

MCCB molded case metering reclosing circuit breaker automated assembly testing flexible production line



具有自动上料、装配、贴标、机械磨合、开距、超程、终压力、回路电阻、脱扣力、脱扣行程、同步性、瞬时、延时、负载电流升降变差、锁面盖螺丝、慢回位、机械特性、通断、耐压、移印、剩余电流校准、剩余电流检测、电能校准、过压、欠压、相电压、线电压、电压不平衡、电压暂降、电压短时中断、有功功率、无功功率、视在功率、相位、功耗、功率因数、频率、向量图、波形曲线、BSU控制、功率因数、TTL电平脉冲、谐波、越限、缺相、断相、缺零、停复电、逆相序、载波模块通讯、拓补检测、孤岛保护、锁接线路螺丝、老化、激光打标、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With automatic loading, assembly, labeling, mechanical break-in, open distance, overtravel, final pressure, circuit resistance, release force, release stroke, synchronicity, instantaneous, delayed, load current rise and fall variance, locking face cover screws, slow return, mechanical characteristics, through-breakage, withstand voltage, pad printing, residual current calibration, residual current detection, power calibration, over-voltage, under-voltage, phase voltage, line voltage, voltage unbalance, voltage transient drop, Voltage short-time interruption, active power, reactive power, apparent power, phase, power consumption, power factor, frequency, vector diagram, waveform curve, BSU control, power factor, harmonics, overrun, phase loss, phase break, lack of zero, blackout and reset, inverse phase sequence, carrier module communication, topology detection, islanding protection, locking terminal block screws, aging, laser marking, packaging, palletizing, AGV logistics, lack of material alarm and other processes. The assembly, online testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, MES system and ERP system networking, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment service big data cloud platform and other functions of the process.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. 设备兼容: 2P、3P、4P、63系列、125系列、250系列、400系列、630系列、800系列。
3. 设备生产节拍: 60秒/台、120秒/台两种可任意选配。
4. 同一壳架产品, 不同级数可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。



1. Equipment input voltage: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. Device compatibility: 2P, 3P, 4P, 63 series, 125 series, 250 series, 400 series, 630 series, 800 series.
3. Equipment production rhythm: 60 seconds per unit and 120 seconds per unit can be optionally matched.
4. The same shell product can switch between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

交流接触器自动化装配检测柔性生产线

AC contactor automatic assembly and testing flexible production line



具有自动上料、插芯装配、底座装配、主辅静触头装配、人工装配宝塔弹簧、锁上下盖螺丝、锁瓦片螺丝、通断、耐压、功耗、前倾吸合、后倾释放、开距、超程、总程、同步性、人工装配前后挡件、移印、激光打标、CCD视觉检测、贴标、喷码、装袋、切袋、热收缩、包装、封箱、捆扎、码垛、AGV物流、缺料/满料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、关键元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With automatic loading, insert assembly, base assembly, main and auxiliary static contact assembly, manual assembly of Pagoda spring, locking the upper and lower cover screws, locking the tile screws, on/off, pressure resistance, power consumption, forward tilt suction, backward tilt release, open distance, over-travel, total travel, synchronization, manual assembly of front and rear stops, pad printing, laser marking, CCD visual inspection, labeling, coding, bagging, bag-cutting, heat-shrinking, packaging, sealing, bundling, Palletizing, AGV logistics, lack of material/full material alarm and other processes of assembly, online inspection, real-time monitoring, quality traceability, bar code identification, key components life monitoring, data storage, MES system and ERP system networking, parameters of any recipe, intelligent energy analysis and energy saving management system, intelligent equipment services big data cloud platform and other functions.



自动化
Automation



信息化
Informatization



模块化
Modularization



可视化
Visualization



定制化
Customization



柔性化
Flexibilization



云计算
Cloud Computing



一键切换
One-Click Switching



远程维护
Remote Maintenance



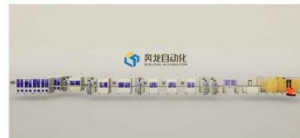
数据采集
Data Acquisition



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz
2. 设备兼容规格：CJX2-0901、0910、1201、1210、1801、1810。
3. 设备生产节拍：5秒/台、12秒/台两种可任意选配。
4. 不同规格产品可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换或调整模具/夹具，人工更换/调整不同产品配件。
5. 装配方式：人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz
2. Device compatibility specifications: CJX2-0901, 0910, 1201, 1210, 1801, 1810.
3. Equipment production rhythm: either 5 seconds per unit or 12 seconds per unit can be selected.
4. Different specifications of products can be switched with one click or scan code switching; Switching between different shell/shelf products requires manual replacement or adjustment of molds/fixtures, as well as manual replacement/adjustment of different product accessories.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.



ACB框架断路器自动化装配检测柔性生产线

ACB Frame Circuit Breaker Automated Assembly and Inspection Flexible Production Line



具有装配、锁螺丝、二维码贴标、机械磨合、综合检测、过欠压检测、动作时间、瞬时/延时检测、耐高压检测、回路电阻检测、外观检测、自动下料、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of assembly, on-line inspection, real-time monitoring, quality traceability, bar code recognition, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service, etc. It has the functions of assembling, locking screws, two-dimensional code labeling, mechanical break-in, comprehensive inspection, over-under-voltage inspection, action time, instantaneous/delayed detection, high-voltage resistance detection, loop resistance detection, appearance inspection, automatic discharging, packaging, palletizing, AGV logistics, and out-of-materials alarm.



自动化



信息化



模块化



可视化



定制化



柔性化



云计算



一键切换



远程维护



数据采集



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

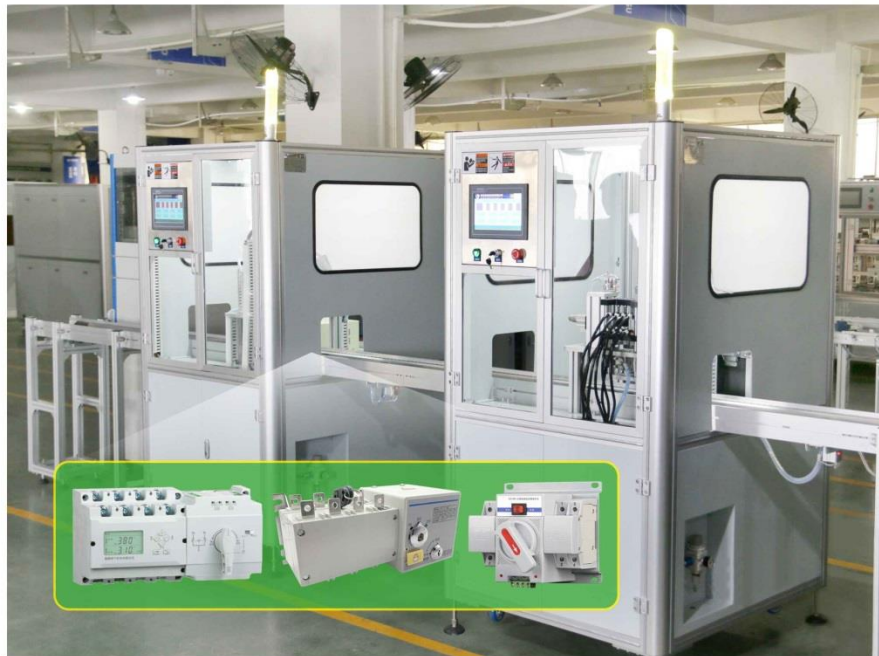
1. 设备输入电压: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. 设备兼容: 抽屉式、固定式系列产品的3级、4级或根据客户要求定制。
3. 设备生产节拍: 7.5分/台、10分/台两种可任意选配。
4. 同一壳架产品, 不同级数可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定制。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。



1. Equipment input voltage: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. Equipment compatibility: 3-pole or 4-pole drawer or fixed series products, or customized according to customer requirements.
3. Equipment production rhythm: 7.5 minutes per unit and 10 minutes per unit can be selected at will.
4. The same shell product can switch between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

双电源自动转换开关自动化装配检测柔性生产线

Dual power automatic transfer switch automatic assembly and testing flexible production line



具有装配、打螺丝、二维码贴标、老化检测、机械特性、综合检测、过欠压检测、动作时间、按键检测、耐压检测、回路电阻检测、综合性、移印、激光打标、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of assembly, on-line inspection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service, etc. It has the functions of assembling, screw-driving, two-dimensional code labeling, aging inspection, mechanical characteristics, comprehensive inspection, over-under-voltage inspection, action time, keypad inspection, voltage withstand inspection, loop resistance inspection, comprehensive characteristics, pad-printing, laser labeling, packaging, palletizing, AGV logistics, and out-of-materials alarm.



自动化



信息化



模块化



可视化



定制化



柔性化



云计算



一键切换



远程维护



数据采集



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
2. 设备兼容：壹种系列产品的3级、4级或根据客户要求定制。
3. 设备生产节拍：28.8秒/台、57.6秒/台两种可任意选配。
4. 同一壳架产品，不同级数可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式：人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Device compatibility: 3 pole, 4 pole or customized according to customer requirements for a series of products.
3. Equipment production rhythm: 28.8 seconds per unit and 57.6 seconds per unit can be optionally matched.
4. The same shelf product can switch between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.



浪涌保护器自动化装配检测柔性生产线

Surge protector automatic assembly and testing flexible production line



具有自动供料、装配、锁螺丝、锡焊、拉力检测、通断检测、浪涌冲击检测、耐高压检测、装卡扣、移印、激光、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic material supply, assembly, screw locking, soldering, pulling force detection, through-break detection, surge impact detection, high-voltage resistance detection, mounting clips, pad printing, laser, packaging, palletizing, AGV logistics, out-of-materials alarm and other processes such as assembly, on-line detection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of the MES system with the ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and the big-data cloud platform of intelligent equipment service.



自动化



信息化



模块化



可视化



定制化



柔性化



云计算



一键切换



远程维护



数据采集



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
2. 设备兼容：壹种系列产品的2级、3级、4级或根据客户要求定制。
3. 设备生产节拍：5秒/台、10秒/台两种可任意选配。
4. 同一壳架产品，不同级数可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式：人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Device compatibility: 2 pole, 3 pole, 4 pole or customized according to customer requirements for a series of products.
3. Equipment production rhythm: 5 seconds per unit and 10 seconds per unit can be optionally matched.
4. The same shelf product can switch between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

NT50断路器自动化装配检测柔性生产线

NT50 Circuit Breaker Automated Assembly and Inspection Flexible Production Line



具有自动上料、装配、开距、超程、回路电阻、脱扣力、脱扣行程、同步性、瞬时、延时、锁螺丝、机械特性、通断、耐压、移印、剩余电流检测、移印、激光打标、贴标、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of assembly, online inspection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and intelligent equipment service big data cloud platform, etc. in the processes of automatic loading, assembling, open distance, overtravelling, circuit resistance, decoupling force, decoupling stroke, synchronicity, instantaneous, time-delayed, locking screws, mechanical characteristics, through-breakage, voltage withstanding, pad-printing, residual current detection, pad-printing, laser marking, labeling, packing, palletizing, AGV logistics, and out-of-materials alarm.



自动化



信息化



模块化



可视化



定制化



柔性化



云计算



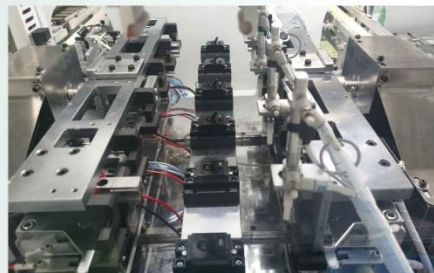
一键切换



远程维护



数据采集



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. 设备兼容: 壹种系列产品2级或根据客户要求定制。
3. 设备生产节拍: 5秒/台、10秒/台两种可任意选配。
4. 同一壳架产品, 不同级数可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. Device compatibility: A series of 2-pole products or customized according to customer requirements.
3. Equipment production rhythm: 5 seconds per unit and 10 seconds per unit can be optionally matched.
4. The same shell product can switch between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

RT18熔断器自动化装配检测柔性生产线

Rt18 Fuse Automatic Assembly and Inspection Flexible Production Line



具有自动供料、装配、锁螺丝、穿钉、铆接、拉拔力检测、通断检测、耐高压检测、装卡扣、移印、激光、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic feeding, assembly, locking screws, threading nails, riveting, pull-out force detection, through-break detection, high-pressure resistance detection, loading clips, pad printing, laser, packaging, palletizing, AGV logistics, out-of-material alarms and other processes such as assembly, on-line testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking between the MES system and the ERP system, parameter arbitrary recipes, intelligent energy analysis and energy-saving management system, and the big-data cloud platform of intelligent equipment services.



自动化
Automation



信息化
Informatization



模块化
Modularization



可视化
Visualization



定制化
Customization



柔性化
Flexibilization



云计算
Cloud Computing



一键切换
One-Click Switching



远程维护
Remote Maintenance



数据采集
Data Acquisition



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压: 380V \pm 10%, 50Hz; \pm 1Hz;
2. 设备兼容: 1P、2P、3P、4P、B型、C型、D型、18模数或27模数。
3. 设备生产节拍: 90秒/台、270秒/台、540秒/台三种可任意选配。
4. 同一壳架产品, 不同级数可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
2. Device compatibility: 1 pole, 2 pole, 3 pole, 4 pole of a series of products or customized according to customer requirements.
3. Equipment production rhythm: 5 seconds per unit and 10 seconds per unit can be optionally matched.
4. The same shelf product can switch between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

VS1真空断路器自动化装配检测柔性生产线

Vs1 Vacuum Circuit Breaker Automated Assembly and Inspection Flexible Production Line



具有自动AGV物流输送、龙门架自动上料、倍速链物流、绝缘筒装配、灭弧室装配、初调装配、初调翻转、机器人锁螺丝、开距、超程、总程、磨合检测、机械特性检测、分合闸速度、同步性、A相合闸时间、B相合闸时间、C相合闸时间、触臂触头装配、耐高压(10KVA)、回路电阻、底盘车装配、机器人锁螺丝、底盘车翻转、底盘车接线、外观封板装配、二次综合检测、龙门架自动下料、包装、码垛、AGV物流输送、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

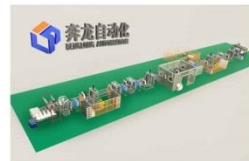
With automatic AGV logistics transportation, gantry automatic loading, speed chain logistics, insulated cylinder assembly, arc extinguishing chamber assembly, initial adjustment assembly, initial adjustment flip-flop, robot locking screws, open distance, over-travel, total travel, break-in detection, mechanical characteristic detection, switching speed, synchronization, A-phase closing time, B-phase closing time, C-phase closing time, contact arm contact assembly, high voltage resistance (10KVA), circuit resistance, Chassis car assembly, robot locking screws, chassis car flip, chassis car wiring, appearance of the sealing plate assembly, the second comprehensive inspection, gantry automatic discharging, packaging, palletizing, AGV logistics conveyor, lack of material alarm and other processes of assembly, online testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, MES system and ERP system networking, parameters of any recipe, intelligent energy analysis and energy saving management system, intelligent equipment service big data cloud platform and other functions.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压: 380V \pm 10%, 50Hz; \pm 1Hz;
2. 设备兼容: VS1-12KV, VS2, ZN73-12, 630-25, 1250-31系列产品或根据客户要求定制。
3. 设备生产节拍: 30台/天或50台/天两种可任意选配。
4. 同一壳架产品, 不同规格可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
2. Equipment compatibility: VS1-12KV, VS2, ZN73-12, 630-25, 1250-31 series products or customized according to customer requirements.
3. Equipment production rhythm: 30 units/day or 50 units/day can be optionally matched.
4. The same shelf product can be switched between different specifications with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.



墙壁开关自动装配检测柔性生产线

Wall switch automatic assembly and testing flexible production line



具有自动供料、装配、锁螺丝、插拔力、通断、耐高压、移印、激光、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic metal supply, assembly, screw locking, insertion/extraction force, pass/fail, high pressure resistance, pad printing, laser, packaging, palletizing, AGV logistics, lack of material alarm and other processes such as assembly, on-line testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of the MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and intelligent equipment service big data cloud platform.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
2. 设备兼容：壹种系列产品或根据客户要求定制。
3. 设备生产节拍：5秒/台、10秒/台两种可任意选配。
4. 同一壳架产品，不同级数可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式：人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
2. Device compatibility: One series of products or customized according to customer requirements.
3. Equipment production rhythm: 5 seconds per unit and 10 seconds per unit can be optionally matched.
4. The same shelf product can switch between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

时控开关自动化装配检测柔性生产线

Automatic assembly and testing flexible production line for time control switches



具有产品自动上料、装配、锡焊、特性检测、移印、激光标刻、老化检测、合格不合格区分、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the assembly, online detection and real-time monitoring of processes such as automatic product feeding, assembly, soldering, feature detection, pad printing, laser marking, aging detection, qualified and unqualified classification, packaging, palletizing, AGV logistics, material shortage alarm and other processes, quality traceability, barcode identification, component life monitoring, data storage, MES system and ERP system networking, arbitrary parameter formulation, smart energy analysis and energy saving management system, smart equipment service big data cloud platform and other functions.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V \pm 10%，50Hz； \pm 1Hz；
2. 设备兼容：壹种系列产品或根据客户要求定制。
3. 设备生产节拍：10秒/台、20秒/台两种可任意选配。
4. 同一壳架产品，不同级数可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式：人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
2. Device compatibility: One series of products or customized according to customer requirements.
3. Equipment production rhythm: 10 seconds per unit and 20 seconds per unit can be optionally matched.
4. The same shelf product can be switched between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

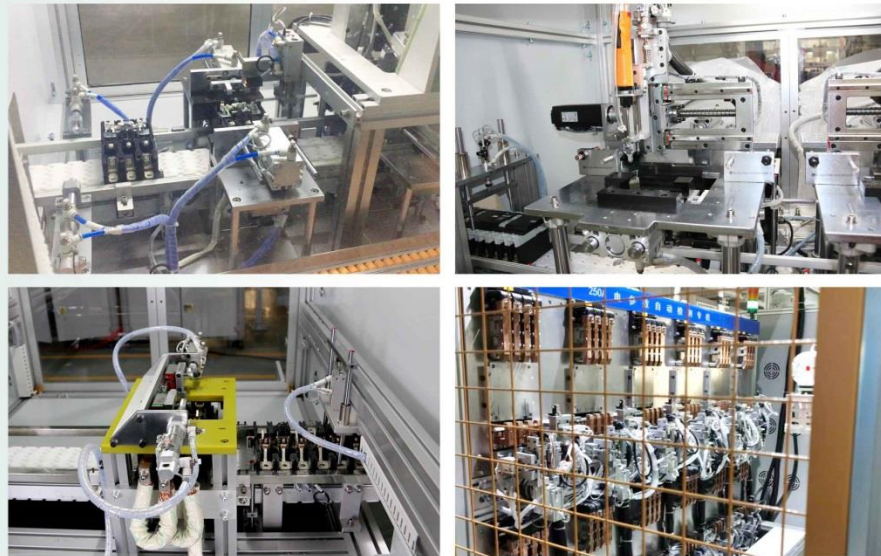
量测开关自动化装配检测柔性生产线

Automatic assembly and testing flexible production line for measuring switches



具有自动上料、装配、开距、超程、终压力、回路电阻、脱扣力、脱扣行程、同步性、瞬时、延时、负载电流升降变差、螺丝扭矩、慢回位、机械特性、通断、耐压、移印、剩磁率检测、剩磁电压检测、电能损耗、过压、欠压、相电压、线电压、电压不平衡、电压暂降、电压短时中断、有功功率、无功功率、剩余电流、校相、有功、功率因数、频率、向量图、波形曲线、BSU控制、故障码数、TTT电压平滑、谐波、越速、缺相、断相、缺零、停复电、逆相序、载波模块通讯、老化、激光打标、包装、码垛、AGV物流、缺料报警等工序的装配。在线检测、实时监控、数据溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智慧装备服务大数据云平台等功能。

Automatic loading, assembly, open detection, overtravel, final pressure, circuit resistance, release force, release stroke, synchronization, instantaneous, time delay, load current rise and fall, screw torque, slow return, mechanical characteristics, on-off, withstand voltage, pad printing, residual current calibration, residual current detection, power calibration, over-voltage, under-voltage, phase voltage, line voltage, voltage imbalance, voltage dips, voltage short-term interruptions, active power, reactive power, apparent power, phase position, power consumption, power factor, frequency, vector diagram, waveform curve, BSU control, power factor, TTL level pulse, harmonics, overrun, limit, phase position, power consumption, power factor, frequency, vector diagram, waveform curve, BSU control power, reactive power, apparent power, phase, power consumption, power factor, frequency, vector diagram, waveform curve, BSU control, power factor, TTL level pulse, harmonics, overrun, phase loss, phase break, zero loss, power outage, inverse phase sequence, carrier mode communication, aging, laser marking, packaging, palletizing, AGV logistics, out-of-material alarms and other processes such as assembly, online testing, real-time monitoring, quality traceability, bar code identification, component life span, and so on. Barcode identification, component life monitoring, data storage, MES system and ERP system networking, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment service big data cloud platform and other functions.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

- 1、设备输入电压：380V \pm 10%，50Hz \pm 1Hz；
- 2、设备兼容极数：3P、4P、63系列、125系列、250系列、400系列、630系列、800系列。
- 3、设备生产节拍：28秒/台、40秒/台两种可任意选配。
- 4、同一壳架产品，不同级数可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
- 5、装配方式：人工装配、自动装配两种可任意选配。
- 6、设备夹具可根据产品型号定做。
- 7、设备具有故障报警、压力监测等报警显示功能。
- 8、中文版和英文版两种操作系统。
- 9、所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
- 10、设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
- 11、具有独立的自主知识产权。



1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
2. Device compatibility poles: 3P, 4P, 63 series, 125 series, 250 series, 400 series, 630 series, 800 series.
3. Equipment production rhythm: 28 seconds per unit and 40 seconds per unit can be optionally matched.
4. The same shelf product can be switched between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

电能表自动化装配检测柔性生产线

Automatic assembly and testing flexible production line for energy meters



具有产品自动上料底座、装配导电柱、装配线路板、锡焊、锁螺丝、装配密封圈、装配玻璃罩、装配外圈、锁螺丝、特性检测、日计时检测、误差校准、耐压检测、全屏检测、特性综合检测、激光刻录、自动贴标、载波检测、红外功能检测、蓝牙通讯检测、复检检测、装配铭牌、扫码资产信息数据对比、合格不合格区分、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With automatic product loading base, assembly of conductive columns, assembly of circuit boards, soldering, locking screws, assembly of seals, assembly of glass cover, assembly of the outer ring, locking screws, characterization testing, day-timing testing, error calibration, voltage testing, full-screen testing, comprehensive testing of the characteristics of the laser engraving, auto-labeling, carrier testing, infrared function testing, Bluetooth communication testing, recalibration testing, assembly of nameplates, scanning code asset information, Data comparison, qualified and unqualified distinction, packaging, palletizing, AGV logistics, lack of material alarms and other processes of assembly, online testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, MES system and ERP system networking, parameters of any recipe, intelligent energy analysis and energy-saving management system, intelligent equipment services, big data cloud platform and other functions.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
2. 设备兼容：国网/南网、单相电能表系列、三相电能表系列。
3. 设备生产节拍：30秒/台，且可以根据客户要求定制。
4. 同一货架产品，不同级数可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式：人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定制。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。



1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Equipment compatibility: State Grid/Southern Grid, single-phase energy meter series, three-phase energy meter series.
3. Equipment production rhythm: 30 seconds per unit, and can be customized according to customer requirements.
4. The same shelf product can be switched between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

锂电池自动化装配检测柔性生产线

Lithium battery automated assembly and testing flexible production line



具有产品AGV自动上料、工装板自动输送、机器人抓取上料、扫码OVC测试、不同档位分选、等离子清洗、涂胶、机器人抓取电芯自动堆叠、涂胶、整形、角度旋转、端板装配、电芯贴胶、捆扎、极柱清洗、铝排安装、视觉检测、极柱同心度检测、凝固老化、激光焊接、EOL检测、合格不合格区分、自动下料、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With product AGV automatic loading, automatic conveyor of work plate, robot gripping loading, code scanning OVC test, different gear sorting, plasma cleaning, gluing, robot gripping core automatic stacking, gluing, shaping, angular rotation, end plate assembly, core gluing, bundling, pole cleaning, aluminum row mounting, visual inspection, concentricity inspection of poles, solidification and aging, laser welding, EOL inspection, qualified or unqualified, automatic discharging, packaging, palletizing, AGV logistics, shortage alarm and other processes of assembly, online inspection, real-time monitoring and quality traceability. Qualified distinction, automatic discharging, packaging, palletizing, AGV logistics, lack of material alarm and other processes of assembly, online testing, real-time monitoring, quality traceability, bar code identification, component life monitoring, data storage, MES system and ERP system networking, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment service big data cloud platform and other functions.



Automation



Informationization



Modularization



Visualization



Customization



Flexibilization



Cloud Computing



One-Click Switching



Remote Maintenance



Data Acquisition



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
2. 设备兼容：50Ah、100Ah、240Ah、280Ah。
3. 设备生产节拍：根据客户要求定制。
4. 不同规格产品可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
5. 上下料方式：过关节机器人，且可以任意选配。
6. 设备夹具可根据产品型号定制。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Device compatibility: 50Ah, 100Ah, 240Ah, 280Ah.
3. Equipment production rhythm: customized according to customer requirements.
4. Different specifications of products can be switched with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
5. Loading and unloading method: joint robot, and can be freely selected.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.



充气柜真空断路器自动化装配检测柔性生产线

Automatic assembly and testing flexible production line for vacuum circuit breaker of gas-filled cabinet



具有产品自动上料、装配、锁螺丝、激光标刻、磨合检测、特性检测、耐压检测、局放检测、合格不合格区分、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic product loading, assembly, screw locking, laser marking, break-in test, characteristic test, pressure resistance test, local discharge test, qualified or unqualified differentiation, packaging, palletizing, AGV logistics, lack of material alarm and other processes such as assembly, on-line testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of the MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service.



自动化
Automation



信息化
Informatization



模块化
Modularization



可视化
Visualization



定制化
Customization



柔性化
Flexibilization



云计算
Cloud Computing



一键切换
One-Click Switching



远程维护
Remote Maintenance



数据采集
Data Acquisition



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
 2. 设备兼容：根据客户要求定做。
 3. 设备生产节拍：115秒/台，且可以根据要求定制。
 4. 同一壳架产品，不同级数可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
 5. 装配方式：人工装配、自动装配两种可任意选配。
 6. 设备夹具可根据产品型号定做。
 7. 设备具有故障报警、压力监测等报警显示功能。
 8. 中文版和英文版两种操作系统。
 9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
 10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
 11. 具有独立的自主知识产权。
1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
 2. Equipment compatibility: customized according to customer requirements.
 3. Equipment production rhythm: 115 seconds per unit, and can be customized according to requirements.
 4. The same shell product can be switched between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
 5. Assembly method: manual assembly and automatic assembly can be selected at will.
 6. The equipment fixtures can be customized according to the product model.
 7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
 8. There are two operating systems available: Chinese and English.
 9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
 10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
 11. Having independent and independent intellectual property rights.

光伏直流隔离开关自动装配检测柔性生产线

Automatic assembly and testing flexible production line for photovoltaic DC disconnect switches



具有产品机器人自动上料、动触架装配、静触片锁螺丝、底座基座压装磁铁、左基座组件装配、右基座组件装配、底座组件装配、凸轮组件装配、O型圈装配、面盖装配、上下支座组件装配、组件合体装配、自动退螺丝、超声波焊接、通断、手柄合闸扭力、耐压、回路电阻、气密性检测、移印、激光标刻、CCD外观检测、合格不合格区分、包装、码垛、AGV物流、缺料报警等工序的装配。在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With product robot automatic loading, dynamic contact frame assembly, static contact piece locking screws, base pedestal pressure mounted magnet, left pedestal assembly, right pedestal assembly, base assembly, cam assembly, O-ring assembly, face cover assembly, upper and lower support assembly, assembly of components, assembly of components, automatic back screws, ultrasonic welding, through the break, the handle closing torque, voltage resistance, circuit resistance, hermeticity testing, pad printing, Laser marking, CCD appearance detection, qualified or unqualified distinction, packaging, palletizing, AGV logistics, lack of material alarm and other processes of assembly, online testing, real-time monitoring, quality traceability, bar code identification, component life monitoring, data storage, MES system and ERP system networking, parameters of any recipe, intelligent energy analysis and energy-saving management system, intelligent equipment services, big data cloud platform and other functions.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压: 380V \pm 10%, 50Hz; \pm 1Hz;
 2. 设备兼容规格: 同一模数系列2P、3P、4P、6P、8P、10P共计6款产品切换生产。
 3. 设备生产节拍: 5秒/台。
 4. 同一壳架产品, 不同级数可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
 5. 装配方式: 人工装配、自动装配两种可任意选配。
 6. 设备夹具可根据产品型号定做。
 7. 设备具有故障报警、压力监测等报警显示功能。
 8. 中文版和英文版两种操作系统。
 9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
 10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
 11. 具有独立的自主知识产权。
1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
 2. Equipment compatible specifications: 6 products of the same analog series 2P, 3P, 4P, 6P, 8P, 10P are switched to production.
 3. Equipment production rhythm: 5 seconds per unit.
 4. The same shelf product can be switched between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
 5. Assembly method: manual assembly and automatic assembly can be selected at will.
 6. The equipment fixtures can be customized according to the product model.
 7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
 8. There are two operating systems available: Chinese and English.
 9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
 10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
 11. Having independent and independent intellectual property rights.

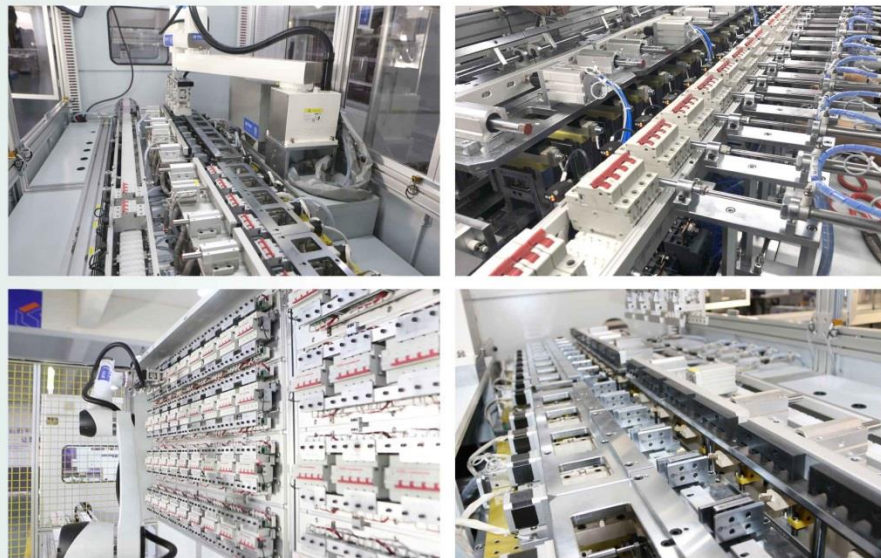
光伏重合闸/直流断路器自动装配检测柔性生产线

Photovoltaic Recloser / DC Circuit Breaker Automatic Assembly and Inspection Flexible Production Line



具有产品机器人自动上料、装配、多极拼装、喷码/激光打二维码、穿钉、铆接、瞬时、机器人+延时检测、冷却、机器人+延时复校、模块装配、装配卡扣/止动件、断路器+模块拼装、穿钉、铆接、机器人+电操检测、机器人+老化检测、移印、激光标刻、CCD外观检测、合格不合格区分、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With product robot automatic loading, assembly, multi-pole assembly, spray code/laser 2D code, piercing nails, riveting, instantaneous, robot + delayed detection, cooling, robot + delayed recalibration, module assembly, assembly of snap/stop parts, circuit breaker + module assembly, piercing nails, riveting, robot + electrical operation detection, robot + aging detection, pad printing, laser marking, CCD appearance detection, pass-fail distinction, packaging, palletizing, AGV logistics, lack of material alarm and other processes of assembly, online testing, real-time monitoring, quality traceability, bar code recognition, component life monitoring, data storage, MES system and ERP system, lack of material alarm and other processes of assembly, on-line testing, real-time monitoring, assembly, online inspection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment service big data cloud platform and other functions of assembly, packing, palletizing, AGV logistics, lack of material alarm and other processes.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V \pm 10%，50Hz； \pm 1Hz；
 2. 设备兼容：1P、2P、3P、4P、B型、C型、D型、18模数或27模数。
 3. 设备生产节拍：90秒/台、270秒/台、540秒/台三种可任意选配。
 4. 同一壳架产品，不同级数可以一键切换或扫码切换均可；切换不同壳架产品需要人工更换模具或夹具。
 5. 装配方式：人工装配、自动装配两种可任意选配。
 6. 设备夹具可根据产品型号定做。
 7. 设备具有故障报警、压力监测等报警显示功能。
 8. 中文版和英文版两种操作系统。
 9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
 10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
 11. 具有独立的自主知识产权。
1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
 2. Device compatibility: 1P, 2P, 3P, 4P, B type, C type, D type, 18 modulus or 27 modulus.
 3. Equipment production rhythm: 90 seconds per unit, 270 seconds per unit, and 540 seconds per unit can be optionally matched.
 4. The same shell product can be switched between different poles with one click or scan code switching; Switching between different shell shelf products requires manual replacement of molds or fixtures.
 5. Assembly method: manual assembly and automatic assembly can be selected at will.
 6. The equipment fixtures can be customized according to the product model.
 7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
 8. There are two operating systems available: Chinese and English.
 9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
 10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
 11. Having independent and independent intellectual property rights.

信号灯自动化装配检测柔性生产线

Signal lamp automated assembly and testing flexible production line



具有产品自动上料、锡焊、装帽盖、装胶圈、装塑料螺母、锁螺丝、移印、激光标刻、检测、合格不合格区分、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic product loading, tin soldering, cap loading, rubber ring loading, plastic nut loading, screw locking, pad printing, laser marking, testing, qualified or unqualified differentiation, packaging, palletizing, AGV logistics, lack of material alarm and other processes such as assembling, on-line testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of the MES system with the ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and intelligent equipment service big data cloud platform.



自动化
Automation



信息化
Informationization



模块化
Modularization



可视化
Visualization



定制化
Customization



柔性化
Flexibilization



云计算
Cloud Computing



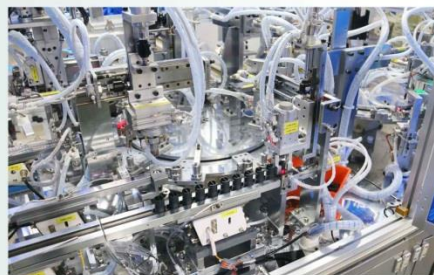
一键切换
One-Click Switching



远程维护
Remote Maintenance



数据采集
Data Acquisition



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. 设备兼容: 1P、2P、3P、4P、B型、C型、D型、18模数或27模数。
3. 设备生产节拍: 90秒/台、270秒/台、540秒/台三种可任意选配。
4. 同一壳架产品, 不同级数可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. Device compatibility: 1P, 2P, 3P, 4P, B type, C type, D type, 18 modulus or 27 modulus.
3. Equipment production rhythm: 90 seconds per unit, 270 seconds per unit, and 540 seconds per unit can be optionally matched.
4. The same shell product can be switched between different poles with one click or scan code switching; Switching between different shell products requires manual replacement of molds or fixtures.
5. Assembly method: manual assembly and automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.

直流充电桩自动化冲压焊接柔性生产线

DC charging pile automatic stamping and welding flexible production line



具有料仓自动供料、自动激光切割、机器人自动上料、自动数控冲压、机器人自动下料、自动转运、机器人自动折弯、自动转运、机器人自动二次折弯、机器人自动定位、机器人自动下料、机器人自动搬运、机器人装夹、机器人自动焊接、机器人自动下料、自动码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With automatic silo feeding, automatic laser cutting, automatic robot loading, automatic CNC stamping, automatic robot discharging, automatic transfer, automatic robot bending, automatic transfer, automatic robot secondary bending, automatic robot positioning, automatic robot discharging, automatic robot handling, robot clamping, automatic robot welding, automatic robot discharging, automatic palletizing, AGV logistics, out-of-materials alarms and so on. Assembly of work processes, online testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment service big data cloud platform and other functions.



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Automation



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Informatization



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Modularization



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Cloud Computing



一键切换
One-Click Switching



远程维护
Remote Maintenance



数据采集
Data Acquisition



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压：380V \pm 10%，50Hz； \pm 1Hz；
2. 设备兼容：根据产品图纸定做。
3. 设备生产节拍：根据客户要求定做。
4. 不同产品可以一键切换或扫码切换生产。
5. 装配方式：人工装配、机器人自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
2. Equipment compatibility: customized according to product drawings.
3. Equipment production rhythm: customized according to customer requirements.
4. Different products can be switched with one click or scanned to switch production.
5. Assembly method: manual assembly and robot automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.



直流充电桩自动化装配检测柔性生产线

DC charging pile automated assembly and testing flexible production line



设备功能: 自动化输送系统, 工位辅助-照明风扇气路滑道挂钩插座气源接口工艺显示屏等, 物料呼叫系统, 扫码存储系统等

区域划分: 装配区, 检测区, 老化区, 测试区, 密封性检测试验, 特殊防护试验, 包装码垛区

生产场地要求: 生产区域, 物料存储区, 物流通道, 成品仓储区, 办公区及特殊设施安装放置区域

整个生产线主要分三段控制, 分别为装配区、待检区、检测区, 三段独立控制, 采用链板线传动, 每段速度可调, 调整范围在1m~10m/min; 流水线停止为逐步缓停, 产品流向符合生产工艺流程, 具有较高的自动化。

Equipment functions: automated conveyor system, workstation auxiliary - lighting fan airway chute hook socket air interface process display, etc., material call system, scanning storage system, etc.

Regional division: assembly area, testing area, aging area, testing area, sealing test, special protection test, packaging and palletizing area.

Production site requirements: production area, material storage area, logistics channel, finished product storage area, office area and special facilities installation and placement area.

The whole production line is mainly divided into three control sections, namely assembly area, waiting area, testing area, three independent control sections, using chain plate line drive, each section speed adjustable, adjustable range of 1m~10m/min; The flow line stops gradually and slowly, and the product flow is in line with the production process flow, with high automation.



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生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

A. 充电桩流水线生产能力、节拍: 50 台/8h; 生产基本节拍: 1台/ min, 生产时间: 8h/班, 330天/年。

B. 充电桩流水线总长度: 装配组装线33.55m; 待检组装线5m 检测线18.5m

C. 充电桩流水线 桩体最大重量: 200kg D. 桩体最大外形尺寸: 1000X1000X2000 (mm)

E. 充电桩流水线线面高度: 400mm。

F. 总用气量: 压缩空气压力为7kgf/cm², 流量不超过0.5m³/min(未含气动工具及气动助力机械手的用气量)。

G. 总用电量: 整套流水线不超过30KVA。 H. 充电桩流水线噪音: 整线噪音小于75dB (距噪音源1m处测试)。

I. 充电桩流水线输送线体和各专机设计先进合理, 具有较高的自动化程度, 物流符合工艺路线要求, 生产线不会发生拥挤堵塞现象; 线体结构牢固稳定, 外观格调统一。 J. 充电桩流水线在正常工作条件下具有足够的稳定性和强度。

K. 充电桩流水线架空线体必须足够的强度、刚度 and 稳定性, 不会对人员安全威胁; 专机和设备可能危及人身安全的地方有相应的防护装置和安全警示标志。

A. Production capacity and pace of the charging pile assembly line: 50 units/8 hours; Basic production rhythm: 1 unit/min, production time: 8 hours/shift, 330 days/year.

B. The total length of the charging pile assembly line: assembly line 33.55m; Assembly line for inspection 5m, inspection line 18.5m

C. Maximum weight of charging pile assembly line pile: 200kg D. Maximum external dimension of pile body: 1000X1000X2000 (mm)

E. The height of the charging pile assembly line: 400mm.

F. Total air consumption: The compressed air pressure is 7kgf/cm², and the flow rate does not exceed 0.5m³/min (excluding the air consumption of pneumatic tools and pneumatic power assisted robots). G. Total electricity consumption: The entire assembly line shall not exceed 30KVA.

H. Noise of the charging pile assembly line: The overall noise of the line is less than 75dB (tested at a distance of 1m from the noise source).

I. The design of the charging pile assembly line conveyor line and various specialized machines is advanced and reasonable, with a high degree of automation. The logistics meet the requirements of the process route, and the production line will not experience congestion and blockage; The wire structure is firm and stable, and the appearance style is unified.

J. The charging pile assembly line has sufficient stability and strength under normal working conditions.

K. The overhead line body of the charging pile assembly line must have sufficient strength, stiffness, and stability, and will not pose a threat to personnel safety; There are corresponding protective devices and safety warning signs in areas where special aircraft and equipment may pose a threat to personal safety.



交流充电桩自动化装配检测柔性生产线

AC charging pile automated assembly and testing flexible production line



具有料仓自动供料、自动激光切割、机器人自动上料、自动数控冲压、机器人自动下料、自动转运、机器人自动折弯、自动转运、机器人自动二次折弯、机器人自动定位、机器人自动下料、机器人自动搬运、机器人夹装、机器人自动焊接、机器人自动下料、自动码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With automatic silo feeding, automatic laser cutting, automatic robot loading, automatic CNC stamping, automatic robot discharging, automatic transfer, automatic robot bending, automatic transfer, automatic robot secondary bending, automatic robot positioning, automatic robot discharging, automatic robot handling, robot clamping, automatic robot welding, automatic robot discharging, automatic palletizing, AGV logistics, out-of-materials alarms and so on. Assembly of work processes, online testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment service big data cloud platform and other functions.



自动化



信息化



模块化



可视化



定制化



柔性化



云计算



一键切换



远程维护



数据采集



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

- 1、设备输入电压：380V±10%，50Hz；±1Hz；
- 2、设备兼容：根据产品图纸定做。
- 3、设备生产节拍：根据客户要求定做。
- 4、不同产品可以一键切换或扫码切换生产。
- 5、装配方式：人工装配、机器人自动装配两种可任意选配。
- 6、设备夹具可根据产品型号定做。
- 7、设备具有故障报警、压力监测等报警显示功能。
- 8、中文版和英文版两种操作系统。
- 9、所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
- 10、设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
- 11、具有独立的自主知识产权。

1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Equipment compatibility: customized according to product drawings.
3. Equipment production rhythm: customized according to customer requirements.
4. Different products can be switched with one click or scanned to switch production.
5. Assembly method: manual assembly and robot automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.



直流充电桩自动化装备检测柔性生产线

DC charging gun automatic equipment testing flexible production line



具有料仓自动供料、自动激光切割、机器人自动上料、自动数控冲压、机器人自动下料、自动转运、机器人自动折弯、自动转运、机器人自动二次折弯、机器人自动定位、机器人自动下料、机器人自动搬运、机器人装夹、机器人自动焊接、机器人自动下料、自动码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With automatic silo feeding, automatic laser cutting, automatic robot loading, automatic CNC stamping, automatic robot discharging, automatic transfer, automatic robot bending, automatic transfer, automatic robot secondary bending, automatic robot positioning, automatic robot discharging, automatic robot handling, robot clamping, automatic robot welding, automatic robot discharging, automatic palletizing, AGV logistics, out-of-materials alarms and so on. Assembly of work processes, online testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment service big data cloud platform and other functions.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

- 1、设备输入电压：380V±10%，50Hz；±1Hz；
- 2、设备兼容：根据产品图纸定做。
- 3、设备生产节拍：根据客户要求定做。
- 4、不同产品可以一键切换或扫码切换生产。
- 5、装配方式：人工装配、机器人自动装配两种可任意选配。
- 6、设备夹具可根据产品型号定做。
- 7、设备具有故障报警、压力监测等报警显示功能。
- 8、中文版和英文版两种操作系统。
- 9、所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
- 10、设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
- 11、具有独立的自主知识产权。

1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Equipment compatibility: customized according to product drawings.
3. Equipment production rhythm: customized according to customer requirements.
4. Different products can be switched with one click or scanned to switch production.
5. Assembly method: manual assembly and robot automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights.



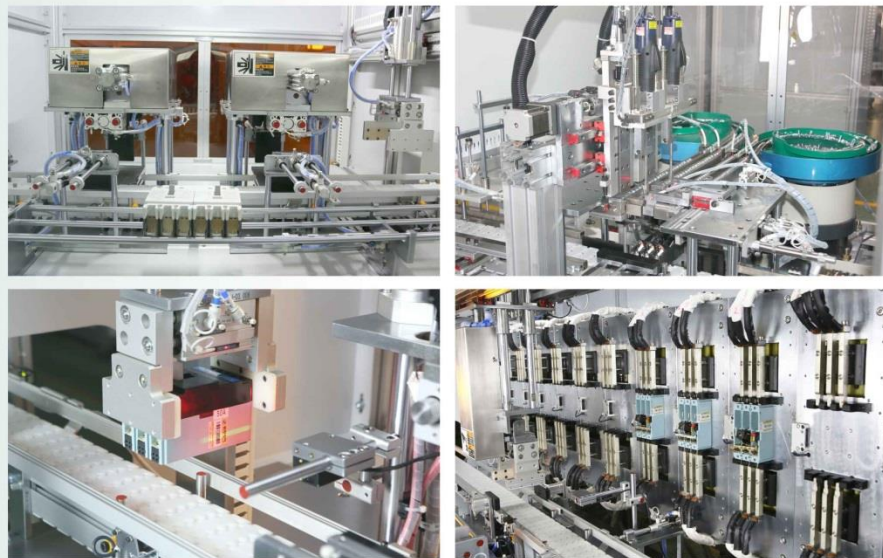
低压磁控开关自动化装配检测生产线

Automatic assembly and testing production line for low-voltage magnetic control switches



具有产品底座AGV自动上料、机器人自动抓取、CCD视觉自动检测、磁控机构自动上料、机器人自动装配、CCD视觉自动检测、自动锁螺丝、分合闸指示件自动上料、机器人自动装配、CCD视觉自动检测、自动锁螺丝、自动机械磨合、回路电阻自动检测、自动耐压检测、上盖部分自动上料、机器人自动装配、CCD视觉自动检测、自动锁螺丝、上盖与底座自动装配、自动锁螺丝、自动激光打标二维码、CCD视觉自动检测、软件工程自动配置、自动检测、产品信息写入/通讯/硬件功能检测、端子自动检测、拨键自动切换、CCD视觉自动检测、自动检测四象限电能计量、电流校准、电压校准、有功功率、无功功率、视在功率、相位、频率、谐波、蓝牙、过压、欠压、失压、校时、RS485通讯、漏电交流检测、漏电直流检测、短路延迟时间检测、短路瞬态检测、后备保护检测、自动锁接线板螺丝、自动激光打标、CCD视觉自动检测、自动读取二维码、合格不合格区分、自动包装、自动码垛、AGV物流、缺料报警等工序的装配。在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With product base AGV automatic loading, robot automatic gripping, CCD vision automatic detection, magnetic control mechanism automatic loading, robot automatic assembly, CCD vision automatic detection, automatic locking screws, automatic loading of the switch indicator, robot automatic assembly, CCD vision automatic detection, automatic locking screws, automatic mechanical grinding, automatic detection of the circuit resistance, automatic voltage testing, automatic loading of the upper cover part Automatic loading, automatic robot assembly, automatic CCD visual inspection, automatic screw locking, automatic assembly of top cover and base, automatic screw locking, automatic laser marking two-dimensional code, automatic CCD visual inspection, automatic configuration of software engineering, automatic inspection, product information writing/communication/hardware function inspection, automatic terminal connection, automatic switching of dialing keys, automatic CCD visual inspection, automatic inspection of four-quadrant power metering, Current calibration, voltage calibration, active power, reactive power, apparent power, power factor, phase, frequency, harmonics, Bluetooth, over-voltage, under-voltage, voltage loss, timing, RS485 communication, leakage current detection, leakage current detection, short-circuit short-delay detection, short-circuit instantaneous detection, backup protection detection, automatic locking of terminal board screws, automatic laser marking, CCD vision auto-detect, automatic reading two-dimensional code, qualified or unqualified distinction, automatic packaging, automatic palletizing, AGV logistics, lack of material alarms and other processes of assembly, online testing, real-time monitoring, quality traceability, bar code identification, component life monitoring, data storage, MES system and ERP system networking, parameters of any recipe, intelligent energy analysis and energy-saving management system, intelligent equipment services, big data cloud platform and other functions.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
 2. 设备兼容: 125系列、250系列(3P/3P+N)、400系列(3P/3P+N)、630系列(3P/3P+N)产品切换生产。
 3. 设备生产节拍: 30秒/台。
 4. 装配方式: 人工补料, 自动装配。
 5. 设备夹具可根据产品型号定做。
 6. 设备具有故障报警、压力监测等报警显示功能。
 7. 中文版和英文版两种操作系统。
 8. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
 9. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
 10. 具有独立的自主知识产权。
1. Equipment input voltage: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. Equipment compatibility: Switching production of 125 series, 250 series (3P/3P+N), 400 series (3P/3P+N), and 630 series (3P/3P+N) products.
3. Equipment production rhythm: 30 seconds per unit.
4. Assembly method: manual replenishment and automatic assembly.
5. The equipment fixtures can be customized according to the product model.
6. The equipment has alarm display functions such as fault alarm and pressure monitoring.
7. There are two operating systems available: Chinese and English.
8. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
9. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
10. Having independent and independent intellectual property rights.



智能控制柜自动化装配检测柔性生产线

Intelligent control cabinet automated assembly and testing flexible production line



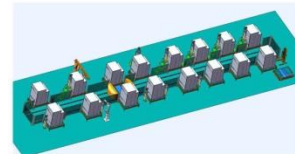
具有产品自动上料、产品自动分配至各工位、机器人自动装配、自动检测、机器人自动锁螺丝、自动检测、自动下料、合格不合格区分、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic loading of products, automatic allocation of products to each station, automatic assembly of robots, automatic inspection, automatic locking of screws by robots, automatic inspection, automatic discharging, qualified or unqualified differentiation, packaging, palletizing, AGV logistics, lack of material alarm and other processes such as assembly, on-line inspection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of the MES system with the ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and the cloud platform of big data of intelligent equipment services.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

- 1、设备输入电压：380V \pm 10%，50Hz； \pm 1Hz；
- 2、设备兼容：根据产品图纸定做。
- 3、设备生产节拍：根据客户要求定做。
- 4、不同产品可以一键切换或扫码切换生产。
- 5、装配方式：人工装配、机器人自动装配两种可任意选配。
- 6、设备夹具可根据产品型号定做。
- 7、设备具有故障报警、压力监测等报警显示功能。
- 8、中文版和英文版两种操作系统。
- 9、所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
- 10、设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
- 11、具有独立的自主知识产权



1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
2. Equipment compatibility: customized according to product drawings.
3. Equipment production rhythm: customized according to customer requirements.
4. Different products can be switched with one click or scanned to switch production.
5. Assembly method: manual assembly and robot automatic assembly can be selected at will.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, Taiwan, etc.
10. The device can be equipped with functions such as the "Smart Energy Analysis and Energy Conservation Management System" and the "Smart Equipment Service Big Data Cloud Platform".
11. Having independent and independent intellectual property rights

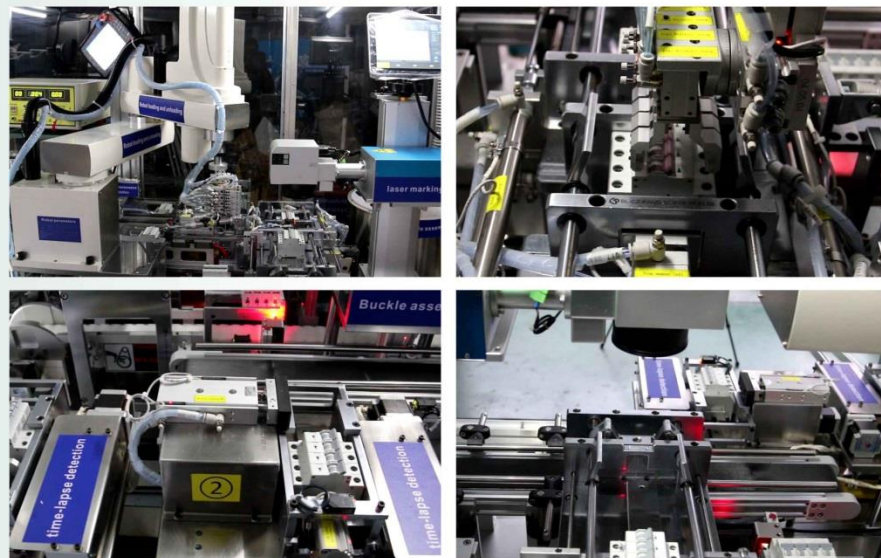
MCB微型断路器一体式自动化生产线

MCB miniature circuit breaker integrated automated production line



具有喷码、穿钉、视觉检测、铆接、翻转、二维码扫描、瞬时/磁脱扣或短路检测、延时/过载检测、机械特性、通断、耐压、移印、激光、卡扣、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、不良品自动区分、智能制造生产过程执行系统及数据存储MES系统, 可与工厂ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of assembly, online inspection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, automatic differentiation of defective products, intelligent manufacturing production process execution system and data storage cum MES system, which can be networked with the ERP system of the factory, parameterized arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service, etc. It also has the functions of code-spraying, nail-piercing, visual inspection, riveting, flipping, two-dimensional code scanning, instantaneous/magnetic de-coupling or short-circuit detection, delayed time/overload detection, mechanical characteristics, pass-break, voltage withstand, pad-printing, laser, snap, and out-of-materials alarm.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. 设备兼容: 1P、2P、3P、4P、1A、6A、10A、16A、20A、25A、32A、40A、50A、63A、B型、C型、D型18模数或27模数。
3. 设备生产节拍/效率: ≤ 6 秒/级。
4. 同一壳架产品, 不同级数可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. Device compatibility: 1P, 2P, 3P, 4P, 1A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A, B type, C type, D type 18 modulus or 27 modulus.
3. Equipment production rhythm/efficiency: ≤ 6 seconds/pole.
4. The same shell product can be switched between different poles with just one click or by scanning the code; Switching between different shell products requires manual replacement of molds or fixtures.
5. Assembly methods: manual assembly and automatic assembly can be freely selected.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
10. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
11. Having independent independent intellectual property rights.



交流接触器精益自动化生产线

Lean automated production line for AC contactors



具有自动上料、插芯装配、底座装配、主辅静触头装配、人工装配宝塔弹簧、锁上下盖螺丝、锁瓦片螺丝、通断、耐压、功耗、前倾吸合、后倾释放、开距、超程、总程、同步性、人工装配前后挡件、移印、激光打标、CCD视觉检测、贴标、喷码、装袋、切袋、热收缩、包装、封箱、捆扎、码垛、AGV物流、缺料/满料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、关键元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With automatic loading, insert assembly, base assembly, main and auxiliary static contact assembly, manual assembly of Pagoda spring, locking the upper and lower cover screws, locking the tile screws, on/off, pressure resistance, power consumption, forward tilt suction, backward tilt release, open distance, over-travel, total travel, synchronization, manual assembly of front and rear stops, pad printing, laser marking, CCD visual inspection, labeling, coding, bagging, bag-cutting, heat-shrinking, packaging, sealing, bundling, Palletizing, AGV logistics, lack of material/full material alarm and other processes of assembly, online inspection, real-time monitoring, quality traceability, bar code identification, key components life monitoring, data storage, MES system and ERP system networking, parameters of any recipe, intelligent energy analysis and energy saving management system, intelligent equipment services big data cloud platform and other functions.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压 $380V \pm 10\%$, $50Hz$; $\pm 1Hz$
2. 设备兼容规格: CJX2-0901, 0910, 1201, 1210, 1801, 1810.
3. 设备生产节拍: 5秒/台、12秒/台两种可任意选配。
4. 不同规格产品可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换或调整模具/夹具, 人工更换/调整不同产品配件。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权



1. Equipment input voltage $380V \pm 10\%$, $50Hz$; $\pm 1Hz$
2. Equipment compatibility specifications: CJX2-0901, 0910, 1201, 1210, 1801, 1810.
3. Equipment production rhythm: either 5 seconds per unit or 12 seconds per unit can be optionally matched.
4. Different specifications of products can be switched with just one click or by scanning the code; Switching between different shell products requires manual replacement or adjustment of molds/fixtures, as well as manual replacement/adjustment of different product accessories.
5. Assembly methods: manual assembly and automatic assembly can be freely selected.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
10. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
11. Having independent and independent intellectual property rights

SPD浪涌保护器自动化生产线

SPD surge protector automated production line



具有自动供料、装配、锁螺丝、锡焊、拉力检测、通断检测、浪涌冲击检测、耐高压检测、装卡扣、移印、激光、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic material supply, assembly, screw locking, soldering, pulling force detection, through-break detection, surge impact detection, high-voltage resistance detection, mounting clips, pad printing, laser, packaging, palletizing, AGV logistics, out-of-materials alarm and other processes such as assembly, on-line detection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of the MES system with the ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and the big-data cloud platform of intelligent equipment service.



生产线技术参数 PRODUCTION LINE TECHNICAL PARAMETERS

1. 设备输入电压 $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. 设备兼容: 壹种系列产品的2级、3级、4级或根据客户要求定制。
3. 设备生产节拍: 5秒/台、10秒/台两种可任意选配。
4. 同一壳架产品, 不同级数可以一键切换或扫码切换均可; 切换不同壳架产品需要人工更换模具或夹具。
5. 装配方式: 人工装配、自动装配两种可任意选配。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。

1. Equipment input voltage $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. Device compatibility: 2-pole, 3-pole, 4-pole or customized according to customer requirements for a series of products.
3. Equipment production rhythm: either 5 seconds per unit or 10 seconds per unit can be optionally matched.
4. The same shelf product can be switched between different poles with just one click or by scanning the code; Switching between different shell products requires manual replacement of molds or fixtures.
5. Assembly methods: manual assembly and automatic assembly can be freely selected.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
10. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
11. Having independent intellectual property rights.



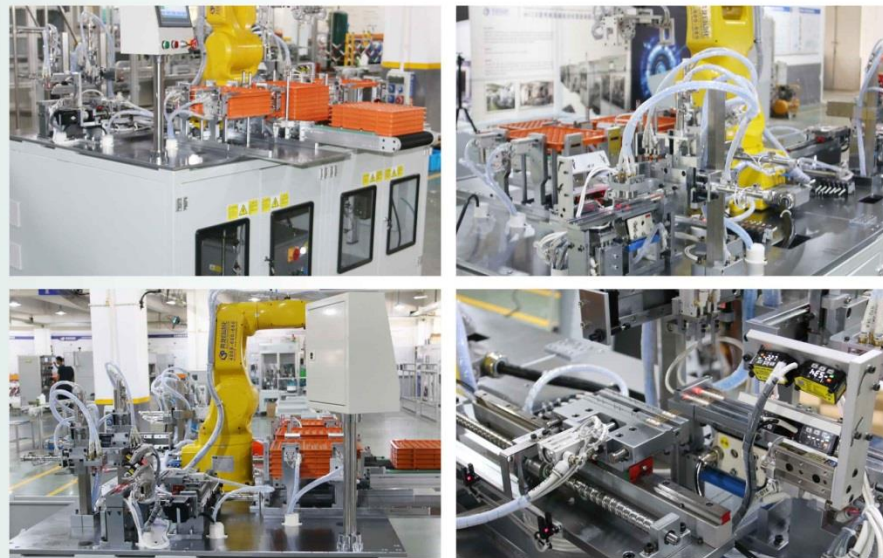
继电器触头自动检测摆盘设备

Relay Contacts Automatic Inspection and Plate Setting Equipment



具有自动上料、触头装配、CCD视觉检测、自动摆盘、码垛、AGV物流、缺料/满料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、关键元器件寿命监测、数据存储、不良品自动区分、智能制造生产过程执行系统及数据存储MES系统, 可与工厂ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With automatic loading, contact assembly, CCD visual inspection, automatic plate setting, palletizing, AGV logistics, lack of material/full material alarm and other processes of assembly, online inspection, real-time monitoring, quality traceability, bar code identification, key components life monitoring, data storage, automatic differentiation of defective products, intelligent manufacturing production process execution system and data storage cum MES system, which can be networked with the factory's ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and intelligent equipment service big data cloud platform and other functions.



设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

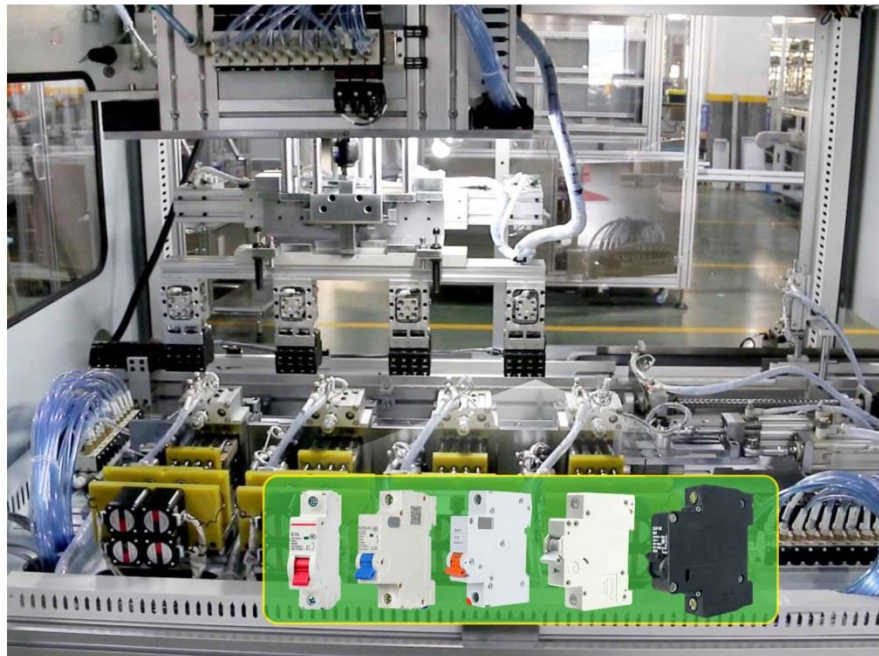
1. 设备输入电压: 380V \pm 10%, 50Hz; \pm 1Hz
2. 设备兼容规格: 定制。
3. 设备生产节拍: 3秒/个。
4. 不同规格产品可以一键切换或扫码切换均可; 切换不同壳架产品需要人工调整模具/夹具, 人工更换/调整不同产品配件。
5. 运行方式: 人工补料、自动检测、自动装配、空盘自动进入、满料自动推出。
6. 设备夹具可根据产品型号定做。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。



1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz
2. Device compatibility specifications: customized.
3. Equipment production rhythm: 3 seconds per piece.
4. Different specifications of products can be switched with just one click or by scanning the code; Switching between different shell products requires manual adjustment of molds/fixtures, as well as manual replacement/adjustment of different product accessories.
5. Operation mode: manual feeding, automatic detection, automatic assembly, automatic entry of empty trays, and automatic exit of full materials.
6. The equipment fixtures can be customized according to the product model.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
10. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
11. Having independent intellectual property rights.

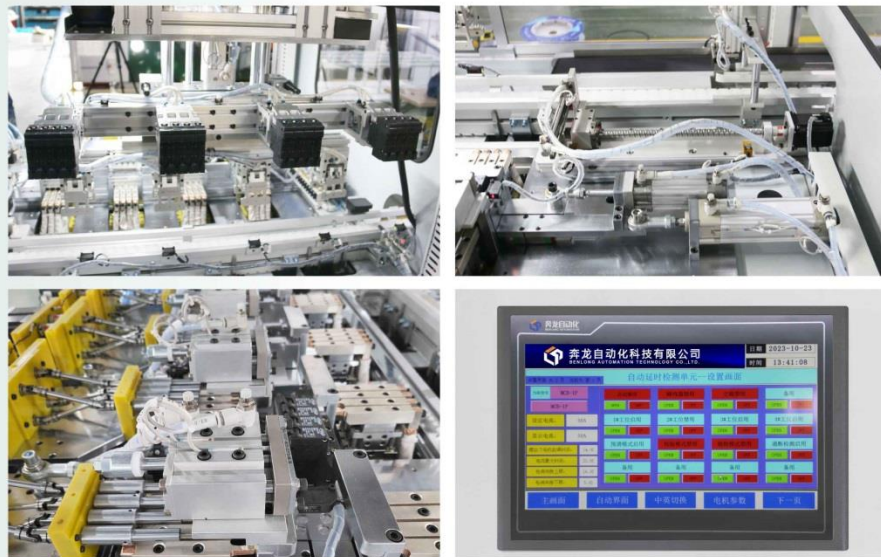
MCB微型断路器自动延时检测设备

IOT intelligent miniature circuit breaker automatic assembly and testing flexible production line



具有自动热脱扣检测或延时检测或过载检测、不良品自动区分、缺料报警、不良品二次回流检测等工序的在线监测、实时监控、质量溯源、条码识别、关键元器件寿命监测、数据存储、智能制造生产过程执行系统及数据存储MES系统, 可与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With automatic thermal release detection or delay detection or overload detection, automatic differentiation of defective products, lack of material alarm, defective products secondary return detection and other processes such as online monitoring, real-time monitoring, quality traceability, barcode identification, key components life monitoring, data storage, intelligent manufacturing production process execution system and data storage cum MES system, which can be networked with the ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment services big data cloud platform and other functions.



设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

1. 设备输入电压: 220V/380V±10%, 50Hz; ±1Hz;
2. 设备兼容极数: 1P、1A、6A、10A、16A、20A、25A、32A、40A、50A、63A、B型、C型、D型18模数或27模数
3. 设备生产节拍/效率: ≤2.4秒/极。
4. 同一壳架产品, 不同极数可以一键切换或扫码切换均可; 不同壳架产品需要人工更换模具或夹具。
5. 检测夹具数量为8的整数倍, 夹具尺寸可根据产品型号定做。
6. 检测电流、时间、转速、温度系数、冷却时间等参数可任意设定。
7. 设备具有故障报警、压力监测等报警显示功能。
8. 中文版和英文版两种操作系统。
9. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
10. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
11. 具有独立的自主知识产权。



1. Equipment input voltage: 220V/380V ± 10%, 50Hz; ± 1Hz;
2. Device compatibility poles: 1P, 1A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A, B type, C type, D type 18 modulus or 27 modulus
3. Equipment production rhythm/efficiency: ≤ 2.4 seconds/pole.
4. The same shell product can be switched between different poles with just one click or by scanning the code; Different shell products require manual replacement of molds or fixtures.
5. The number of detection fixtures is an integer multiple of 8, and the size of the fixtures can be customized according to the product model.
6. The parameters such as detection current, time, speed, temperature coefficient, cooling time, etc. can be set arbitrarily.
7. The equipment has alarm display functions such as fault alarm and pressure monitoring.
8. There are two operating systems available: Chinese and English.
9. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
10. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
11. Having independent intellectual property rights.

电磁阀阀芯自动装配检测设备

Solenoid valve spool automatic assembly testing equipment



具有自动供料、CCD检测、阀体、六角螺母、蕾丝铜螺母、直流静铁芯、密封圈、动铁芯、弹簧零件的自动组合装配、自动下料、不良品区分、计数、装袋、包装、机器人码垛、AGV物流等工序的装配、扭力值任意设定、在线监测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic feeding, CCD detection, automatic combination assembly of valve body, hexagonal nut, lace copper nut, DC static core, sealing ring, movable core, spring parts, automatic discharging, defective product differentiation, counting, bagging, packaging, robot palletizing, AGV logistics and other processes of assembling, arbitrary setting of torque value, on-line monitoring, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES and ERP systems, arbitrary formulation of parameters, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment services.



Automation



Informatization



Modularization



Visualization



Customization



Flexibilization



Cloud Computing



One-Click Switching



Remote Maintenance



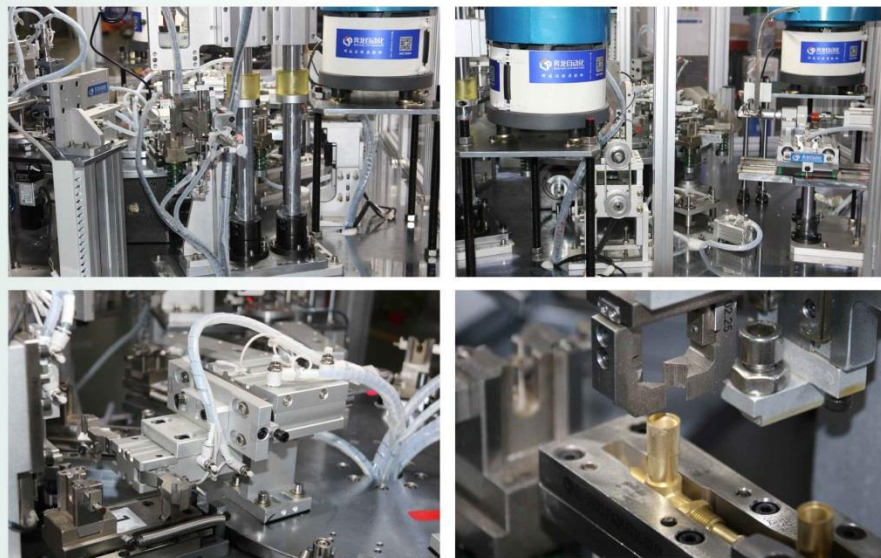
Data Acquisition



071

致力于电气行业数字化智能装备制造领域的隐形冠军。

Dedicated to the hidden champion in the field of digitalized intelligent equipment manufacturing in the electrical appliances industry.



设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
2. 设备兼容：一种规格产品。
3. 设备生产节拍：3秒/个。
4. 同一壳架产品，不同型号可以一键切换或扫码切换均可；不同壳架产品需要人工更换模具或夹具。
5. 装配方式：人工补料、自动装配、自动检测、自动下料。
6. 设备具有故障报警、压力监测等报警显示功能。
7. 中文版和英文版两种操作系统。
8. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
9. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
10. 具有独立的自主知识产权。



1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Device compatibility: A specification product.
3. Equipment production rhythm: 3 seconds per piece.
4. The same shell product can be switched between different models with just one click or by scanning the code; Different shell products require manual replacement of molds or fixtures.
5. Assembly methods: manual replenishment, automatic assembly, automatic detection, and automatic cutting.
6. The equipment has alarm display functions such as fault alarm and pressure monitoring.
7. There are two operating systems available: Chinese and English.
8. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
9. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
10. Having independent independent intellectual property rights.

制造产业数字化开创全新高效的自动化模式

Digitalization of the manufacturing industry creates new and efficient automation modes

072



低压电器实验室检测设备

Low-voltage electrical laboratory testing equipment



MCCB塑壳断路器手工瞬时检测设备, MCCB塑壳断路器手工延时检测设备, MCCB塑壳断路器机械寿命检测设备, MCCB塑壳断路器标准长延时检测设备, MCCB智能重合闸断路器标准长延时检测设备, MCCB智能重合闸断路器老化检测设备, MCCB智能重合闸断路器瞬时检测设备, MCCB智能重合闸断路器特性检测设备, MCCB智能重合闸断路器延时检测设备, MCCB塑壳断路器电气寿命检测设备, MCB微型断路器手工瞬时检测设备, MCB微型断路器手工延时检测设备, MCB微型断路器机械寿命检测设备, MCB微型断路器标准长延时检测设备, MCB微型漏电断路器老化检测设备, MCB微型断路器电气寿命检测设备, MCB微型断路器温升/功耗检测设备, MCB微型断路器高低温检测设备

MCCB molded case circuit breaker manual instantaneous testing equipment, MCCB molded case circuit breaker manual time-delay testing equipment, MCCB molded case circuit breaker mechanical life testing equipment, MCCB standard long delay testing equipment for molded case circuit breakers, MCCB intelligent reclosing circuit breaker standard long delay testing equipment, MCCB intelligent reclosing circuit breaker aging testing equipment, MCCB intelligent reclosing circuit breaker instantaneous testing equipment, MCCB intelligent reclosing circuit breaker characteristic testing equipment, MCCB intelligent reclosing circuit breaker delay testing equipment, MCCB molded case circuit breaker electrical life testing equipment, MCB miniature circuit breaker manual instantaneous testing equipment, MCB miniature circuit breaker manual time-delay testing equipment, MCB miniature circuit breaker mechanical life testing equipment, MCB miniature circuit breaker standard long delay testing equipment, MCB miniature leakage circuit breaker aging testing equipment, MCB miniature circuit breaker electrical life testing equipment, MCB miniature circuit breaker temperature rise, power consumption testing equipment, MCB miniature circuit breaker high and low temperature testing equipment



设备功能与特点 EQUIPMENT FUNCTIONS AND FEATURES

具有瞬时电流、延时电流、开距超程、回路电阻、机械特性、通断、耐高压、过欠压、远程通讯、机械寿命、电气寿命、温升、功耗、高低温、老化、盐雾试验、插拔力、合闸扭力、脱扣力、脱扣行程、终压力、负载等工序的检测试验。在线检测, 实时监控, 质量溯源, 条码识别, 元器件寿命监测, 数据存储, MES系统与ERP系统联网, 参数任意配方, 智慧能源分析与节能管理系统, 智能装备服务大数据云平台等功能。

With instantaneous current, delayed current, open distance overtravel, circuit resistance, mechanical characteristics, on-off, high-voltage resistance, over-under-voltage, remote communication, mechanical life, electrical life, temperature rise, power consumption, high and low temperatures, aging, salt spray test, insertion and extraction force, closing torque, release force, release trip, final pressure, load and other processes, online testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, MES system and ERP system networking, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment services, big data cloud platform and other functions.



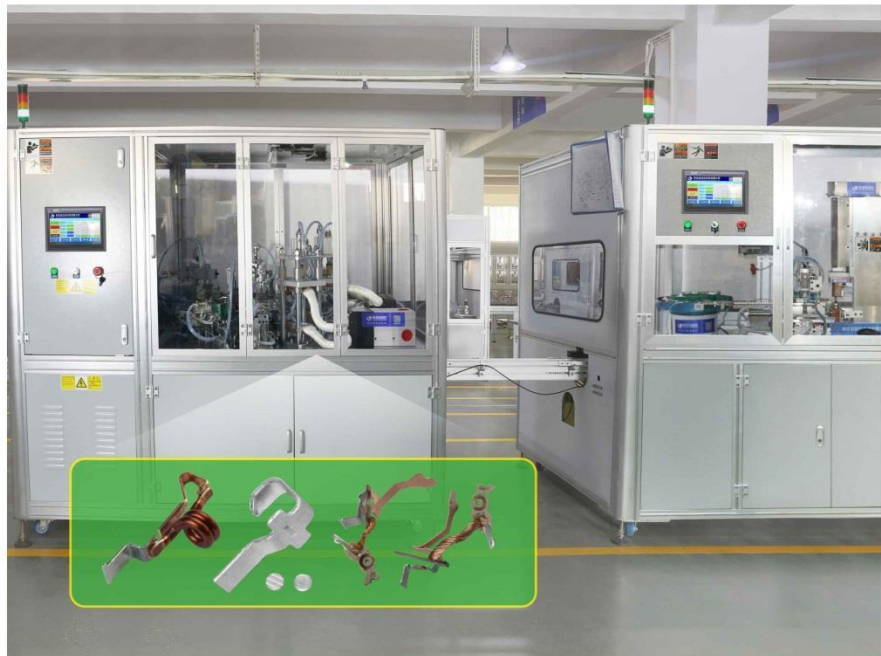
设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

1. 设备输入电压 $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. 设备兼容: MCB断路器、漏电断路器、MCCB塑壳断路器、ACB框架断路器、光伏重合闸断路器、直流断路器、电能表外置断路器、物联网智能断路器、交流接触器、双电源转换开关、互感器、信号灯、按钮开关、自复式过欠压保护器、墙壁开关、熔断器、浪涌保护器、隔离开关、时空开关等。
3. 不同壳架产品, 不同型号产品可以人工切换或一键切换或扫码切换均可; 切换不同规格产品需要人工更换/调整模具或夹具。
4. 检测试验方式: 人工装夹、自动检测。
5. 设备试验夹具可根据产品型号定做。
6. 设备具有故障报警、压力监测等报警显示功能。
7. 中文版和英文版两种操作系统。
8. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
9. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
10. 具有独立的自主知识产权。
1. Equipment input voltage: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. Equipment compatibility: MCB, MCCB, RCCB, RCBO, ACB, ATS, EV, DC, AC, DB, SPD, VCB
3. Different shell products and models can be manually switched, one click switched, or scanned for switching; Switching between products of different specifications requires manual replacement/adjustment of molds or fixtures.
4. Testing methods: manual clamping and automatic detection.
5. The equipment test fixture can be customized according to the product model.
6. The equipment has alarm display functions such as fault alarm and pressure monitoring.
7. There are two operating systems available: Chinese and English.
8. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
9. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
10. Having independent intellectual property rights.



焊接类专用设备

Specialized equipment for welding



MCB微型断路器银点/静触头自动焊接设备、MCB微型断路器磁组件或线圈组件自动焊接设备、MCB微型断路器导线/温度感应片接线板自动焊接设备、MCB微型断路器磁组件或线圈组件自动成型/检测/冲压/焊接一体化设备、MCB微型断路器磁轭、银点、引弧角自动焊接设备、MCB微型断路器双金/动触头/编织线自动焊接设备、MCB微型断路器接线板/连接片自动焊接设备、MCB微型断路器双金组件/接线板组件引弧片自动焊接设备、MCB塑壳断路器银点/静触头自动焊接设备、MCB塑壳断路器银点/动触头自动焊接设备、MCB塑壳断路器银点/动触头/编织线/线圈自动焊接设备、ACB框架断路器银条/静触头自动焊接设备、ACB框架断路器银点/动触头/编织线自动焊接设备、浪涌保护器模块自动焊接设备、交流接触器静触头自动焊接设备、墙壁开关银点自动焊接设备、机器人+自动氩弧焊设备、线路板自动锡焊设备、自动高频感应焊接设备、自动摩擦焊接设备、

MCB miniature circuit breaker silver point/static contact automatic welding equipment, MCB miniature circuit breaker magnetic assembly or coil assembly automatic welding equipment, MCB miniature circuit breaker wire/temperature sensing piece/terminal board automatic welding equipment, MCB miniature circuit breaker magnetic yoke/silver point/arc angle automatic welding equipment, MCB miniature circuit breaker double gold / moving contact / braided wire automatic welding equipment, MCB miniature circuit breaker terminal board/connection piece automatic welding equipment, MCB miniature circuit breaker double gold assembly / terminal board assembly / arc-guiding piece automatic welding equipment, MCCB molded case circuit breaker silver point/static contact automatic welding equipment, MCCB molded case circuit breaker silver point / dynamic contact automatic welding equipment, MCCB molded case circuit breaker silver point / moving contact / braided wire / coil automatic welding equipment, ACB frame circuit breaker silver bar/static contact automatic welding equipment, ACB frame circuit breaker silver point / moving contact / braided wire automatic welding equipment, Automatic welding equipment for surge protector module, AC contactor static contact automatic welding equipment, Wall switch silver point automatic welding equipment, Robot+ automatic argon arc welding equipment, Automatic tin welding equipment for circuit boards, Automatic high frequency induction welding equipment, Automatic friction welding equipment,



设备功能与特点 EQUIPMENT FUNCTIONS AND FEATURES

具有自动装配、加焊焊接辅助材料、检测、焊接、不良品区分、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、焊接、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of assembly, on-line testing, welding, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service, etc. It is equipped with the functions of automatic assembly, filling of welding auxiliary materials, testing, welding, defective product differentiation, packaging, palletizing, AGV logistics, and lack of material alarm and other processes.



设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
2. 设备兼容性 & 生产节拍：可根据客户要求定做。
3. 焊接方式：根据不同生产工艺及要求，可以采用电阻焊接、中频焊接、高频感应焊接、激光焊接、气体保护焊接、锡焊、摩擦焊接、超声波焊接等方式实现。
4. 焊接工艺：人工装配自动焊接或自动装配自动焊接两种模式可任意选配。
5. 设备夹具可根据产品型号定做。
6. 设备具有故障报警、压力监测等报警显示功能。
7. 中文版和英文版两种操作系统。
8. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
9. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
10. 具有独立的自主知识产权。
1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Equipment compatibility and production pace: can be customized according to customer requirements.
3. Welding methods: According to the different production processes and requirements of the product, resistance welding, medium frequency welding, high-frequency induction welding, laser welding, gas shielded welding, tin welding, friction welding, ultrasonic welding and other methods can be used to achieve.
4. Welding process: There are two modes to choose from: manual assembly and automatic welding or automatic assembly and automatic welding.
5. The equipment fixtures can be customized according to the product model.
6. The equipment has alarm display functions such as fault alarm and pressure monitoring.
7. There are two operating systems available: Chinese and English.
8. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
9. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
10. Having independent intellectual property rights.



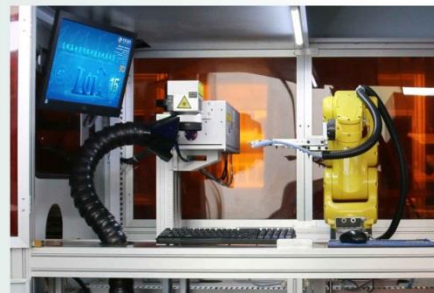
激光应用专用设备

Specialized equipment for laser applications



MCB微型断路器二维码自动激光打标设备、MCB微型断路器自动激光打标设备、MCBB塑壳断路器自动激光打标设备、
时控开关自动激光打标设备、熔断器自动激光打标设备、SPD浪涌保护器自动激光打标设备、交流接触器自动激光打标设备、
双电源自动转换开关自动激光打标设备、墙壁开关自动激光打标设备、隔离开关自动激光打标设备、负荷隔离开关自动激光打标设备、
光伏直流隔离开关自动激光打标设备、锂电池上盖二维码自动激光打标设备、桌面激光打标设备、便携式激光打标设备、视觉激光打标设备、

MCB miniature circuit breaker 2D code automatic laser marking equipment, MCB miniature circuit breaker automatic laser marking equipment,
MCBB molded case circuit breaker automatic laser marking equipment, Automatic laser marking equipment for time control switch,
Automatic laser marking equipment for fuses, SPD surge protector automatic laser marking equipment,
Automatic laser marking equipment for AC contactor, Automatic laser marking equipment for double power automatic transfer switch,
Automatic laser marking equipment for wall switch, Automatic laser marking equipment for disconnecting switch,
Automatic laser marking equipment for load disconnectors, Automatic laser marking equipment for photovoltaic DC disconnecting switch,
Automatic laser marking equipment for lithium battery cover two-dimensional code, Desktop laser marking equipment,
Portable laser marking equipment, Visual laser marking equipment,



设备功能与特点 EQUIPMENT FUNCTIONS AND FEATURES

具有自动装配、加注焊接辅助材料、检测、焊接、打标、不良品区分、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

With automatic assembly, filling welding auxiliary materials, testing, welding, marking, defective products distinction, packaging, palletizing, AGV logistics, lack of material alarm and other processes of assembly, online testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, MES system and ERP system networking, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, intelligent equipment services big data cloud platform and other functions.



设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

1. 设备输入电压: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. 设备兼容性 & 生产节拍: 可根据客户要求定做。
3. 激光加工方式: 根据产品的不同生产工艺及要求, 可以采用光纤激光打标机、紫外激光打标机、飞秒激光打标机、激光焊接等方式实现。
4. 激光加工工艺: 人工装配自动打标或焊接、自动装配自动打标或焊接两种模式可任意选配。
5. 设备夹具可根据产品型号定做。
6. 设备具有故障报警、压力监测等报警显示功能。
7. 中文版和英文版两种操作系统。
8. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
9. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
10. 具有独立的自主知识产权。

1. Equipment input voltage: $380V \pm 10\%$, $50Hz$; $\pm 1Hz$;
2. Equipment compatibility and production pace: can be customized according to customer requirements.
3. Laser processing method: Depending on the different production processes and requirements of the product, fiber laser marking machines, ultraviolet laser marking machines, femtosecond laser marking machines, laser welding and other methods can be used to achieve this.
4. Laser processing technology: There are two modes to choose from: manual assembly, automatic marking or welding, and automatic assembly, automatic marking or welding.
5. The equipment fixtures can be customized according to the product model.
6. The equipment has alarm display functions such as fault alarm and pressure monitoring.
7. There are two operating systems available: Chinese and English.
8. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
9. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
10. Having independent intellectual property rights.



机器人应用专用设备

Specialized equipment for robot applications



MCB微型断路器机器人+塑料外壳自动上料设备、MCB微型断路器机器人+自动延时检测设备、MCB微型断路器机器人+自动电子综合检测设备、MCB微型断路器机器人+自动激光打标设备、MCB微型断路器机器人+自动码垛设备、MCCB塑壳断路器机器人+塑料外壳自动上料设备、MCCB塑壳断路器机器人+自动延时检测设备、MCCB塑壳断路器机器人自动拧螺丝设备、MCCB塑壳断路器机器人+自动码垛设备、物联网智能断路器机器人+自动老化检测设备、漏电断路器机器人+自动老化检测设备、光伏断路器机器人+自动老化检测设备、机器人+冲床自动上下料设备、浪涌保护器机器人自动装配模块设备、光伏直流隔离开关机器人上料下料设备、机器人+数控机床自动上下料设备、机器人+折弯机自动上下料设备、机器人+自动上下料设备、

MCB miniature circuit breaker robot plastic shell loading equipment, MCB miniature circuit breaker robot automatic delay testing equipment, MCB miniature circuit breaker robot electronic integrated testing equipment, MCB miniature circuit breaker robot laser marking equipment, MCB miniature circuit breaker robot automatic palletizing equipment, MCCB molded case circuit breaker robot plastic shell loading equipment, MCCB plastic case circuit breaker robot automatic delay detection equipment, MCCB Molded Case Circuit Breaker Robot + Automatic Screwing Equipment, MCCB plastic case circuit breaker robot automatic palletizing equipment, IoT intelligent circuit breaker robot automatic aging testing equipment, Leakage circuit breaker robot + automatic aging and testing equipment, Photovoltaic circuit breaker robot + automatic aging and testing equipment, Robot + punch press automatic loading and unloading equipment, Surge protector robot loading and unloading equipment, Surge protector robot automatic assembly module equipment, Robot loading and unloading equipment for photovoltaic DC disconnect switches, Robot + CNC machine tool automatic loading and unloading equipment, Robot + bending machine automatic loading and unloading equipment, Robot + automatic loading and unloading equipment,



设备功能与特点 EQUIPMENT FUNCTIONS AND FEATURES

具有自动装配、上下料、检测、不良品区分、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic assembly, loading and unloading, inspection, defective product differentiation, packaging, palletizing, AGV logistics, lack of material alarm and other processes such as assembly, on-line inspection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of the MES system with the ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service.



设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

1. 设备输入电压：380V±10%，50Hz；±1Hz；
2. 设备兼容性 & 生产节拍：可根据客户要求定做。
3. 机器人选配：根据产品的不同生产工艺及要求，可以采用三轴机器人、四轴机器人、五轴机器人、六轴机器人、六轴机器人+地轨、双臂机器人、协作机器人等方式实现。
4. 设备夹具可根据产品型号定做。
5. 设备具有故障报警、压力监测等报警显示功能。
6. 中文版和英文版两种操作系统。
7. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
8. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
9. 具有独立的自主知识产权。



1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Equipment compatibility and production pace: can be customized according to customer requirements.
3. Robot selection: Depending on the different production processes and requirements of the product, it can be achieved through methods such as three-axis robots, four axis robots, five axis robots, six axis robots, six axis robots+ground rails, dual arm robots, collaborative robots, etc.
4. The equipment fixtures can be customized according to the product model.
5. The equipment has alarm display functions such as fault alarm and pressure monitoring.
6. There are two operating systems available: Chinese and English.
7. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
8. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
9. Having independent intellectual property rights.

视觉应用专用设备

Specialized equipment for vision applications



MCB微型断路器自动装配检测设备, MCB微型断路器铆钉自动检测设备, MCCB塑壳断路器自动激光、移印、检测设备、
MCCB塑壳断路器自动移印检测设备, MCCB塑壳断路器参数自动检测设备、银点正反面自动检测设备、线圈剥皮自动检测设备、
双金属片正反面自动检测设备、自动插芯单元-视觉检测设备、自动装卡扣单元-视觉检测设备、

MCB miniature circuit breaker automatic assembly testing equipment, MCB miniature circuit breaker rivet automatic inspection equipment,
MCCB molded case circuit breaker automatic laser, pad printing, testing equipment,
MCCB molded case circuit breaker automatic pad printing inspection equipment,
MCCB molded case circuit breaker parameters automatic testing equipment, Silver point positive and negative automatic detection equipment,
Coil stripping automatic inspection equipment, Bimetal sheet positive and negative automatic inspection equipment,
Automatic insertion unit-visual inspection equipment, Automatic snap unit-visual inspection equipment,



设备功能与特点 EQUIPMENT FUNCTIONS AND FEATURES

具有自动检测有无、尺寸检测、不良品区分、缺料报警等工序的装配。在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic detection of presence or absence, size detection, defective product differentiation, lack of material alarm and other processes of assembly, online detection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service.

设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

1. 设备输入电压: 380V \pm 10%, 50Hz; \pm 1Hz;
2. 设备兼容性 & 生产节拍: 可根据客户要求定做。
3. 视觉检测选配: 根据产品的不同生产工艺及要求, 可以采用高精度视觉、机器人+高精度视觉等方式实现。
4. 设备夹具可根据产品型号定做。
5. 设备具有故障报警、压力监测等报警显示功能。
6. 中文版和英文版两种操作系统。
7. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
8. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
9. 具有独立的自主知识产权。

1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
2. Equipment compatibility and production pace: can be customized according to customer requirements.
3. Visual inspection options: Depending on the different production processes and requirements of the product, high-precision vision, robot+high-precision vision, and other methods can be used to achieve this.
4. The equipment fixtures can be customized according to the product model.
5. The equipment has alarm display functions such as fault alarm and pressure monitoring.
6. There are two operating systems available: Chinese and English.
7. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
8. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
9. Having independent intellectual property rights.



物流输送专用设备

Specialized equipment for logistics and conveying



水平循环输送设备、水平输送线、螺旋物流输送设备、倍速链物流输送设备、平面皮带输送线/激光打标机专用输送线、

Horizontal circulation conveying equipment, Horizontal Conveying Line, Screw logistics conveying equipment,

Double speed chain logistics conveying equipment,

Flat Belt Conveyor Line / Specialized Conveyor Line for Laser Marking Machine.



设备功能与特点 EQUIPMENT FUNCTIONS AND FEATURES

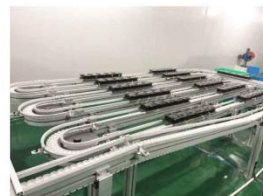
具有自动物流、输送、提升、循环、不良品区分、缺料报警等工序的装配。在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic logistics, conveying, lifting, cycling, defective product differentiation, lack of material alarm and other processes of assembly, on-line inspection, real-time monitoring, quality traceability, bar code identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service, and so on.

设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

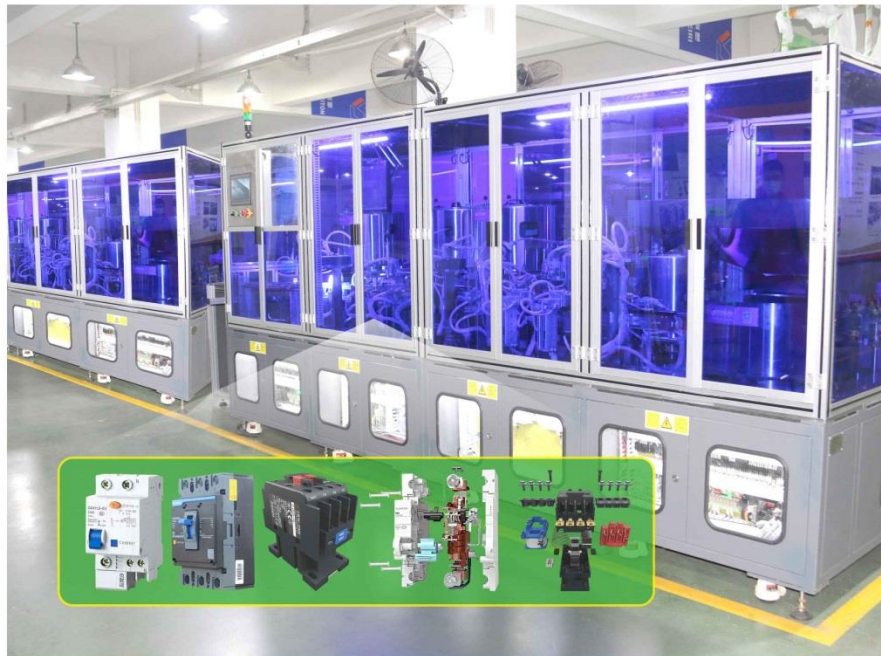
1. 设备输入电压：380V \pm 10%，50Hz； \pm 1Hz；
2. 设备兼容性 & 物流速度：可根据客户要求定做。
3. 物流输送选配：根据产品的不同生产工艺及要求，可以采用平面皮带输送线、链板输送线、倍速链输送线、提升机+输送线、循环输送线等方式实现。
4. 设备输送线尺寸及负载可根据产品型号定做。
5. 设备具有故障报警、压力监测等报警显示功能。
6. 中文版和英文版两种操作系统。
7. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
8. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
9. 具有独立的自主知识产权。

1. Equipment input voltage: 380V \pm 10%, 50Hz; \pm 1Hz;
2. Equipment compatibility and logistics speed: can be customized according to customer requirements.
3. Logistics transportation options: Depending on the different production processes and requirements of the product, flat belt conveyor lines, chain plate conveyor lines, double speed chain conveyor lines, elevators+conveyor lines, and circular conveyor lines can be used to achieve this.
4. The size and load of the equipment conveyor line can be customized according to the product model.
5. The equipment has alarm display functions such as fault alarm and pressure monitoring.
6. There are two operating systems available: Chinese and English.
7. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
8. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
9. Having independent independent intellectual property rights.



自动化装配及专用设备

Automated assembly and specialized equipment



自动装配线圈骨架+插针设备、GV2电磁线圈组件自动装配设备、电磁阀芯自动装配检测设备、接线柱自动组设备、
调节螺丝自动组设备、铁芯组件自动装配设备、脱扣组件自动装配设备、银点自动装配铆接设备、自动装配接线框组件设备、
自动装配接线框组件设备、卧式注塑机镶件自动上下料设备、立式注塑机电极自动上下料设备、米袋扣自动装配设备、
注塑机上下料伺服机械手、交流接触器附件自动装配设备、新能源光伏连接器自动装配设备、继电器触头自动检测拨盘设备、

Automatic assembly equipment for coil bobbins + pins, GV2 solenoid coil assembly automatic assembly equipment,
Solenoid valve spool automatic assembly testing equipment, Automatic assembly equipment for terminal block,
Automatic assembly equipment for adjusting screws, Iron core assembly automatic assembly equipment,
Automatic assembly equipment for disconnecting components, Silver point automatic assembly and riveting equipment,
Automatic assembly of terminal block assembly equipment, Automatic assembly of junction frame components,
Horizontal injection molding machine insert automatic loading and unloading equipment,
Vertical injection molding machine electrode automatic loading and unloading equipment,
Automatic assembly equipment for rice bag buckle, Servo robot for loading and unloading of injection molding machine,
AC contactor accessories automatic assembly equipment, New energy photovoltaic connector automatic assembly equipment,
Relay contact automatic inspection and plating equipment,



设备功能与特点 EQUIPMENT FUNCTIONS AND FEATURES

具有自动托盘供料、装配、检测、不良品区分、包装、码垛、AGV物流、缺料报警等工序的装配、在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

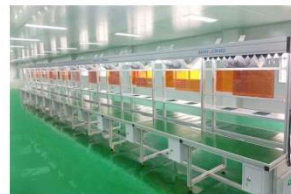
It has the functions of automatic pallet feeding, assembly, testing, defective product differentiation, packaging, palletizing, AGV logistics, lack of material alarm and other processes such as assembly, on-line testing, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of the MES system and ERP system, parameter arbitrary formulation, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service.



设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

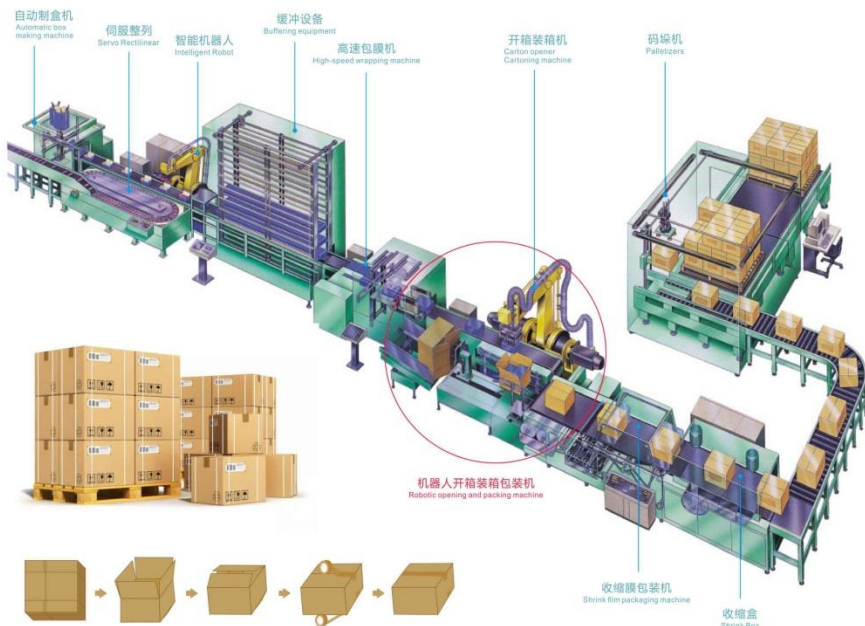
- 1、设备输入电压：380V±10%，50Hz；±1Hz；
- 2、设备兼容性生产效率：可根据客户要求定做。
- 3、装配方式：根据产品的不同生产工艺及要求，可以实现产品的自动装配。
- 4、设备夹具可根据产品型号定做。
- 5、设备具有故障报警、压力监测等报警显示功能。
- 6、中文版和英文版两种操作系统。
- 7、所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
- 8、设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
- 9、具有独立的自主知识产权。

1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Equipment compatibility and production efficiency: can be customized according to customer requirements.
3. Assembly method: According to the different production processes and requirements of the product, automatic assembly of the product can be achieved.
4. The equipment fixtures can be customized according to the product model.
5. The equipment has alarm display functions such as fault alarm and pressure monitoring.
6. There are two operating systems available: Chinese and English.
7. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
8. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
9. Having independent independent intellectual property rights.



自动包装专用设备

Specialized equipment for automatic packaging



BL50E自动电驱立式背封包装机、BL50-35全自动视觉数粒立式背封包装机、BL50-15自动称重立式背封包装机、BL50-10全自动混合计数立式背封包装机、BL5-25K全自动给袋式大容量称重包装机、BL5-25K全自动给袋式大容量称重包装机、BL5-50K全自动给袋式称重包装机、BL-GD250给袋式包装机、茶叶类自动包装设备、快消品类自动包装设备、450L型全自动封切机、BS4020L型收缩机、FXJ-6050上下驱动胶带封箱机、全自动捆扎机不带滚筒、BL-KX自动开箱机、BL-ZG自动折盖机、BL-JBFX自动角边封箱机、自动装箱机。

BL50E Automatic Electric Drive Vertical Back Seal Packaging Machine, BL50-35 Automatic Visual Counting Vertical Back Seal Packaging Machine, BL50-15 Automatic Weighing Vertical Back Seal Packaging Machine, BL50-10 Automatic Mixing and Counting Vertical Back Seal Packaging Machine, BL5-25K Automatic Bag-Feeding Large Capacity Weighing and Packing Machine, BL5-25K Automatic Bag-Feeding Large Capacity Weighing and Packing Machine, BL5-50K Automatic bag feeding weighing and packaging machine, BL-GD250 bag packaging machine, Tea category automatic packaging equipment, Automatic Packaging Machine for Fast Moving Consumer Goods, 450L Automatic Sealing and Cutting Machine, BS4020L Shrinking Machine, FXJ-6050 Upper and Lower Drive Tape Sealer, Automatic Strapping Machine without roller, BL-KX Automatic Carton Opener, BL-ZG Automatic Folding Machine, BL-JBFX Automatic Corner Edge Sealing Machine, Automatic Carton Packing Machine.



设备功能与特点 EQUIPMENT FUNCTIONS AND FEATURES

具有自动物流、分选、折内盒、装内盒、内盒贴标、称重、内盒盒盖、外箱开箱、装外箱、外箱盒盖、外箱贴标、封箱、捆扎、托盘供料、码垛、AGV物流、缺料报警等工序的装配, 在线检测、实时监控、质量溯源、条码识别、元器件寿命监测、数据存储、MES系统与ERP系统联网、参数任意配方、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of automatic logistics, sorting, folding inner box, loading inner box, labeling inner box, weighing, inner box lid, outer box opening, loading outer box, outer box lid, labeling outer box, sealing box, bundling, pallet feeding, palletizing, AGV logistics, lack of material alarm and other processes such as assembling, on-line inspection, real-time monitoring, quality traceability, barcode identification, component life monitoring, data storage, networking of MES system and ERP system, parameter arbitrary recipe, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service.



设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

1. 设备输入电压: 380V±10%, 50Hz; ±1Hz;
2. 设备兼容性 & 生产效率: 可根据客户要求定做。
3. 同一系列产品, 不同型号可以一键切换或扫码切换均可; 切换不同系列产品需要人工更换模具或夹具。
4. 包装方式: 人机结合半自动包装、全自动包装两种可任意选配。
5. 设备夹具可根据产品型号定做。
6. 设备具有故障报警、压力监测等报警显示功能。
7. 中文版和英文版两种操作系统。
8. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
9. 设备可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
10. 具有独立的自主知识产权。



1. Equipment input voltage: 380V ± 10%, 50Hz; ± 1Hz;
2. Equipment compatibility and production efficiency: can be customized according to customer requirements.
3. The same series of products can be switched between different models with just one click or by scanning the code; Switching between different series of products requires manual replacement of molds or fixtures.
4. Packaging method: The combination of human-machine and semi-automatic packaging, as well as fully automatic packaging, can be optionally matched.
5. The equipment fixtures can be customized according to the product model.
6. The equipment has alarm display functions such as fault alarm and pressure monitoring.
7. There are two operating systems available: Chinese and English.
8. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
9. The equipment can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
10. Having independent intellectual property rights.

MES智能制造生产过程执行系统 MES Intelligent Manufacturing Process Execution System



具有自动化生产线所有工序的在线数据监测、设备在线状态、实时监控、质量溯源、条码识别、关键元器件寿命监测、数据存储、与ERP或SAP系统联网通讯对接、参数任意配方、远程维护、智慧能源分析与节能管理系统、智能装备服务大数据云平台等功能。

It has the functions of online data monitoring of all processes of automated production line, online status of equipment, real-time monitoring, quality traceability, barcode identification, life monitoring of key components, data storage, networking communication docking with ERP or SAP system, arbitrary formulation of parameters, remote maintenance, intelligent energy analysis and energy-saving management system, and big data cloud platform for intelligent equipment service.



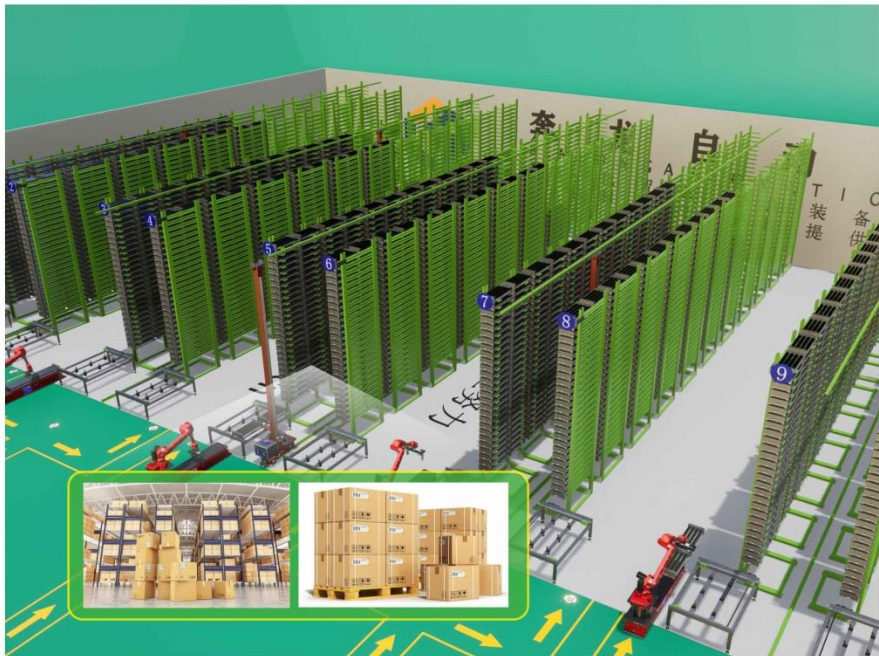
设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

1. 设备输入电压: 220V \pm 10%, 50Hz; \pm 1Hz
2. 系统可与ERP或SAP系统联网通讯对接, 客户可选配。
3. 系统可根据客户要求定做。
4. 系统具有双硬盘自动备份、数据打印、数据共享等功能。
5. 系统采用中文版和英文版两种操作系统。
6. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
7. 系统可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
8. 具有独立的自主知识产权。



1. Equipment input voltage: 220V \pm 10%, 50Hz; \pm 1Hz
2. The system can communicate and connect with ERP or SAP systems through networking, and customers can choose to configure it.
3. The system can be customized according to customer requirements.
4. The system has functions such as dual hard disk automatic backup, data printing, and data sharing.
5. The system adopts two operating systems: Chinese and English versions.
6. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
7. The system can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
8. Having independent intellectual property rights.

智能仓储 Intelligent warehousing



WMS 制造业仓储管理系统，适用于生产制造企业仓储精细化管理。多仓管理、智能盘点、策略规则、绩效管理等相关软件模块搭配 PDA、RFID、AGV、机器人等智能硬件，全面助力制造业仓储数字化升级。WCS 仓储控制系统介于 WMS 系统和智能硬件系统之间，可以协调各种物流设备之间的运行，为上层系统的调度指令提供执行保障和优化，实现对各种设备系统接口的集成、统一调度和监控。

WMS manufacturing warehouse management system for manufacturing warehousing fine management. Multi-bin management, intelligent inventory, strategy rules, performance management and other software modules with PDA, RFID, AGV, robots and other intelligent hardware, comprehensively help manufacturing warehousing digital upgrade. WCS warehouse control system is between WMS system and intelligent hardware system, which can coordinate the operation between various logistics equipment, provide execution guarantee and optimization for the scheduling instructions of the upper system, and realize the integration, unified scheduling and monitoring of various equipment system interfaces.



自动化
Automation



信息化
Informatization



模块化
Modularization



可视化
Visualization



定制化
Customization



柔性化
Flexibilization



云计算
Cloud Computing



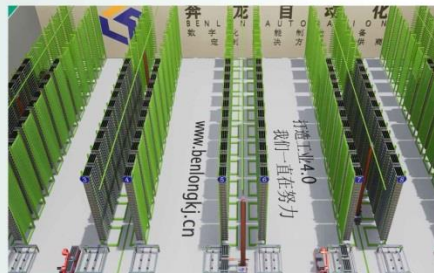
一键切换
One-Click Switching



远程维护
Remote Maintenance



数据采集
Data Acquisition



设备技术参数 EQUIPMENT TECHNICAL PARAMETERS

1. 设备输入电压: 220V ± 10%, 50Hz; ± 1Hz
2. 系统可与 ERP 或 SAP 系统联网通讯对接, 客户可选配。
3. 系统可根据需求要求定制。
4. 系统具有双硬盘自动备份、数据打印功能。
5. 中文版和英文版两种操作系统。
6. 所有核心配件均采用意大利、瑞典、德国、日本、美国、台湾等不同国家和地区的进口配件。
7. 系统可选配《智慧能源分析与节能管理系统》和《智能装备服务大数据云平台》等功能。
8. 具有独立的自主知识产权。



1. Equipment input voltage: 220V ± 10%, 50Hz; ± 1Hz
2. The system can communicate and connect with ERP or SAP systems through networking, and customers can choose to configure it.
3. The system can be customized according to the requirements of the demand side.
4. The system has dual hard disk automatic backup and data printing functions.
5. There are two operating systems available: Chinese and English.
6. All core accessories are imported from different countries and regions such as Italy, Sweden, Germany, Japan, the United States, and Taiwan.
7. The system can be optionally equipped with functions such as the Smart Energy Analysis and Energy Conservation Management System and the Smart Equipment Service Big Data Cloud Platform.
8. Having independent independent intellectual property rights.

FINE PACKAGING

客户验收合格后将机器用多层保护膜包裹，再用空气泡沫多层包裹，以避免机器在运输过程中产生伤痕。外面是特别定制

的木箱，用于加固和包装，以满足运输要求。收到货后，

最好仔细检查机器的整体外观我们将非常感谢您的反馈。

The machine will be wrapped with shrink film, and then wrapped with air foam in multiple layers to avoid scars in the transportation of the machine.

The outside is specially customized wooden case for reinforcement and packaging to meet the shipping requirements. After receiving the goods, it is best to carefully inspect the overall appearance of the machine.

Your feedback will be highly appreciated.



客户验收合格后发货
Delivery after customer acceptance



多层保护膜包裹
Multi-layer protective film wrapping



空气泡沫包裹设备
Air Foam Wrapping Equipment



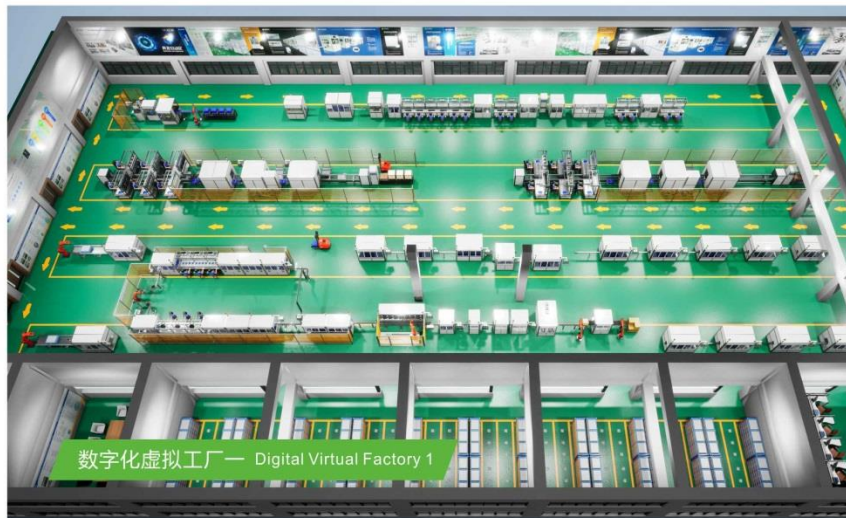
设备木箱现场包装
On site packaging of equipment wooden boxes



木箱单个定制包装
Individual customized packaging in wooden crates



叉车装车发货
Forklift truck loading and delivery



BENLONG INTERNATIONAL CUSTOMERS

奔龙国际客户



来自沙特阿拉伯客户
Customers from Saudi Arabia



来自俄罗斯客户
Customers from Russia



来自巴西客户
Customers from Brazil



来自阿尔及利亚客户
Customers from Algeria



来自阿根廷客户
Clients from Argentina



来自俄罗斯客户
Customers from Russia



来自巴西客户
Customers from Brazil



来自俄罗斯客户
Customers from Russia



来自俄罗斯客户
Customers from Russia



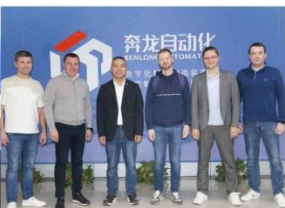
来自俄罗斯客户
Customers from Russia



来自伊朗客户
From Iranian customers



来自伊朗客户
From Iranian customers



来自俄罗斯客户
Customers from Russia



来自阿尔及利亚客户
Customers from Algeria



来自澳大利亚客户
Customers from Australia



来自印度客户
Customers from India



来自俄罗斯客户
Customers from Russia



来自孟加拉客户
Customers from Bangladesh



来自越南客户
Customers from Vietnam



来自日本客户
Customers from Japan



来自伊朗客户
From Iranian customers



来自印度客户
Customers from India



来自越南客户
Customers from Vietnam

来自伊朗客户
From Iranian customers

来自俄罗斯客户
Customers from Russia



来自印度客户
Customers from India

来自澳大利亚客户
Customers from Australia

来自伊拉克客户
From Iraqi clients



来自沙特阿拉伯客户
Customers from Saudi Arabia

来自印度客户
Customers from India

来自印度客户
Customers from India



来自白俄罗斯客户
Customers from Belarus

来自印度客户
Customers from India

来自巴基斯坦客户
Customers from Pakistan



来自印度客户
Customers from India

来自印度客户
Customers from India

来自乌克兰客户
Customers from Ukraine



来自澳大利亚客户
Customers from Australia

来自印度客户
Customers from India

来自马来西亚客户
Customers from Malaysia



来自马来西亚客户
Customers from Malaysia

来自俄罗斯客户
Customers from Russia

来自肯尼亚客户
Customers from Kenya



来自印度客户
Customers from India

来自伊朗客户
From Iranian customers

来自乌克兰客户
Customers from Ukraine

伊朗德黑兰国际展览中心
Tehran International Exhibition Center, Iran



越南胡志明市国际会展中心
International Convention and Exhibition Centre, Ho Chi Minh City, Vietnam



中国进出口商品交易会（广交会）
China Import and Export Fair (Canton Fair)



上海/温州展会 Shanghai/Wenzhou Exhibition



河南展会 Henan Exhibition



温州展会 Wenzhou Exhibition



不忘初心 牢记使命

Never forget your original intention
Remember the mission

领导
LEADER'S CARING
关怀



周口党委书记
Zhoukou Party Secretary



湖北省常委
Hubei Standing Committee

Leadership care warms the heart
Moving Forward in Rain or Shine

领导关怀暖人心 风雨无阻向前行

奔龙自动化成立以来，得到了省政府，市委等各级领导热情关怀和大力支持，不断鼓励公司全体干部员工团结一致，攻坚克难，努力开创全新高效的自动化模式，为中国制造业添砖加瓦，实现中华民族伟大复兴目标贡献力量。

Since the establishment of Benlong Automation, the provincial government, municipal party committee and other leaders at all levels of warm care and Great support, and constantly encourage all cadres and staff of the company to unite and overcome the difficulties, and strive to create a new and efficient automation model for China's manufacturing industry to add bricks and mortar, to achieve the great recovery of the Chinese nation to contribute to the goal. The goal of the great recovery of the Chinese nation to contribute.



市政府领导
City Hall Leaders



河南省工商联主席
Chairman of the Henan Provincial Federation of Industry and Commerce



郸城县政府
Dancheng County Government



淅水县政府
Xishui County Government



芦溪县工业园领导
Lush County Leadership



温州市湖北商会
Hubei Chamber of Commerce



签订战略合作协议
Signing of strategic cooperation



武穴电视台
Wushu TV



清华大学马俊
Seika University Ma Jun



清华大学杨禹
Yang Yu, Seika University

关于我们 ABOUT BENLONG

我们是一群满怀激情的人，怀揣着共同的信念而聚首。

We are a group of passionate people who have come together with a common belief.



HonorsQualifications

荣誉与资质》

我们从实际出发，坚持质量把控和创新，
通过不断的努力下获得国内外多项权威证书。

We insist on quality control and innovation from the practical point of view.

We have obtained many authoritative certificates at home and abroad through our continuous efforts.



Patentinformation

专利信息》



41⁺

发明专利信息
PatentInformation



102⁺

实用新型专利信息
Utility Model Patent Information



26⁺

软件著作权信息
Software copyright information



82⁺

商标信息
Trademark Information

OUR CLIENTS

我们的客户

上市公司合作:

Cooperation with listed companies



部分品牌客户:

Some brand customers



长期合作企业1200余家 (排名不分先后)

More than 1200 long-term cooperative enterprises (ranking in no particular order)



LOOKING FORWARD TO YOUR JOINING 期待您的加入.....