

江苏春兰机械制造有限公司

Jiangsu Chunlan Machinery Manufacturing Co., Ltd.

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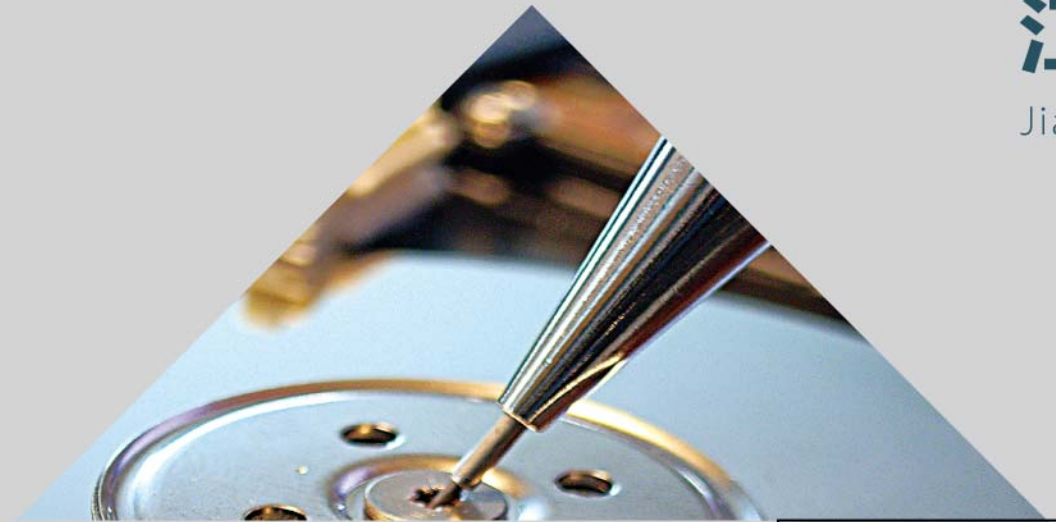
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春兰(集团)公司是集制造、科研、投资、贸易于一体的多元化、高科技、国际化的大型现代公司,是中国最大的企业集团之一。

春兰集团拥有海内外数十家独立子公司,其中制造公司18家,并设有春兰研究院、春兰学院、博士后工作站和国家级技术开发中心。

春兰产业覆盖制造业、流通业、投资业、能源产业、服务业和房地产业等,主导产品包括家用空调器、商用空调器、洗衣机、压缩机、除湿机、高能动力电池及电源系统、机械及动力产品等。

作为“科技先导型”企业,春兰集团承担着国家众多科技项目的研究,不仅领衔国内节能、环保、智能、健康等家电产品的研发,而且引领并推动着中国新能源产业的进步与发展。连续列入国家重大科技专项的春兰高能动力电池,已广泛应用于混合动力汽车、纯电动轿车、高速机车、储能电站、智能机器人、大型船舶等领域,其中“混合动力城市客车节能减排关键技术”获得了国家科技进步奖;取得重大进展的春兰锂离子电池、燃料电池等新能源尖端产品,已完成中试即将产业化;世界前沿科技产品——人体基因修复和深高比无线通讯设备研究均已取得阶段性突破。

新世纪后十年,春兰集团将通过深入推进“创新型矩阵管理”,全面整合和优化创新资源,进一步加快全球经营的步伐,并充分履行社会责任,建设低碳、循环经济,构筑友好、和谐企业,为中国经济和各项事业又好又快发展作出更大的贡献。

新境界、新战略、新跨越——春兰正朝着建成世界著名多元化公司的战略目标迈进!



As one of the largest enterprise groups in China, Chunlan (Group) corporation is a diversity, high-tech and internationalized modern company in manufacturing, research, investment and trade areas. Chunlan group has administered dozens independent subsidiaries, 18 of which are involved in manufacturing, and also boasts Chunlan Research Institute, Chunlan College, The Post-doctoral Work Station and National technology development center.

Chunlan industry covering manufacturing, circulation industry, investment, energy industry, service industry and real estate, the main products including residential air conditioners, commercial air conditioners, washing machines, compressors, dehumidifiers, high-energy power battery, mechanical engineering products.

As a "technology leader" enterprise, Chunlan group Undertake many scientific research projects of nation, not only leading the R&D of the Energy saving, environmentally friendly, intelligent, healthy home appliances in domestic market, and also promote the development of China's new energy industry. The high power batteries which had been Included in the national major science and technology, has been widely used in hybrid cars, electric cars, high-speed locomotives, energy storage power stations, intelligent robots, large ships, and other fields, and "the Key Technology of energy saving for hybrid bus" won the National Technology Progress Award; Chunlan high energy products of the lithium-ion battery, fuel cell which had made significant progress, has become industry; the leading edge technology products - human genome repair and height and depth radio wireless communication devices have access to the phasic breakthrough.

The first decade of the new century, chunlan promoted the "innovative matrix management", to comprehensive integrated and optimized the resources, accelerated the global prosecution, fulfilled the social responsibility, created the low-carbon and cyclic economy, build a friendly and harmonious enterprise, made a greater contribution to the "sound and fast" development of China's economy and various undertakings.

New realm, New strategy, New development - Chunlan is proudly moving forward to its ultimate strategic goal of becoming a world-famous diversified corporation.



春兰工业园鸟瞰图

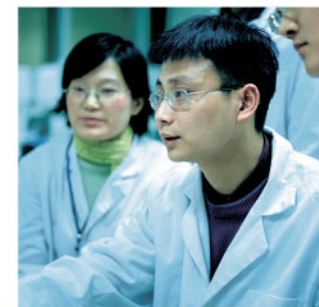




江苏春兰机械制造有限公司是春兰（集团）公司核心子公司之一，公司占地面积14.8万平方米，固定资产3亿元。公司从美国、德国、日本引进近百台先进设备组建成世界先进水平的高、低压铝合金压铸生产线、金加工柔性生产线、注塑成型生产线、EPS发泡成型生产线、轨道交通售检票系统生产线、亲水铝箔涂覆生产线及非标设备制造、模具加工中心等，设备总量300多台。公司设计生产的高低压铝合金压铸件、售检票系统及机芯、注塑成型件、非标设备、模具等达到世界先进水平。经过春兰企业文化长期熏陶的700余名员工是企业创造价值的永不枯竭源泉。2010年上海世博会期间，我司与上海合作伙伴联合设计、制造的自动检票机，以零缺陷圆满完成7300万人次的检票任务。

Jiangsu Chunlan Machinery Manufacturing Limited Company is one of core subsidiaries of Chunlan Corporation (group). The company covers an area of 148,000 square meters with fixed assets of approximately ¥300 million. Hundred sets of advanced equipment group which are introduced from American, Germany and Japan, constitute the advanced world level production line of aluminum alloys die casting produced by high pressure or low pressure, flexible manufacture string of metal processing, production line of injection molding, production line of foam molding, production line of Automatic Fare Collection System applied in the railway communication, the production line of hydrophilic aluminum foil, non-standard equipment manufacturing and Mould Machining Center etc., with totally 300 sets of equipment or more.

The products such as Aluminum alloy die castings produced by high pressure or low pressure casting, fare collection system, movements, injection molding parts, non-standard equipment and molds, which are designed and produced by the company have reached the world advanced level. More than 700 employees, who have been long nurtured by the Chunlan corporate culture, are the inexhaustible sources of creating value for the corporation. During the 2010 Shanghai World Expo, by the joint design and manufacturing with the cooperative partners in Shanghai, we produce automatic ticket checking machine, successfully completing the check-in task of 73 million without a fault.





低压铸造机
Low Pressure Die Casting Machines



抛丸机
Ball Blast Machine



光谱分析仪
Spectrometer



压铸成型加工 Die-casting Molding

引进日本350吨~900吨卧式冷式压铸机14台、低压铸造机10台，并配套取件机器人，采用电脑实时控制，具备全自动诊断功能，可以生产投影面积为100~1000平方厘米的各类铝合金压铸件。

配备中子造型机、熔炼油炉、抛丸、浸渗、金加工、涂装以及美国DV6直读光谱分析仪等加工、检测设备，可实现铝合金压铸件压铸成型、金加工、表面涂装、检测等全部工艺过程，年生产能力达6000吨。

14 sets of Cold Chamber Die Casting Machines ranging from 350T to 390T, 10 sets of Low Pressure Die Casting Machines introduced from Japan, allocating with pickup robots and real-time controlling computers, have auto-diagnostic functions. We can produce all kinds of aluminum alloy die castings with projected area of 100 to 1,000 square centimeters.

Equipped with the processing and testing equipment such as Neutron Molding machine, melting oil furnace, ball blast, impregnating, metal processing, lacquering, and American-produced direct reading spectrometer etc., the whole process of the Aluminum alloy die casting molding, metal processing, surface lacquering, and testing etc. can be achieved. The annual production capacity reaches 6,000 tons.



压铸成型生产线
Production Line of Die Casting Molding



金加工生产线
Production Line of Metal Processing

金加工 Metal Processing

引进美国、日本立式加工中心四十多台，配套气动组合夹具和系列刀具组成适应高精度加工的柔性加工生产线。同时，配备了三坐标测量仪、对刀仪、万能工具显微镜、气动量仪等高精度检测设备。

可以批量加工生产各类金属、非金属高精度产品零部件和非标产品。

Forty vertical machining centers that are introduced from the United States, Japan and Taiwan, with Pneumatic modular fixture and a series of cutters, build up flexible manufacture string which is suitable for the high-precision machining. At the same time, we are equipped with high-precision testing equipment, such as Three-coordinate Measuring Machine, Tool Checking Instrument, Universal Tool Microscope, High-precision Testing equipment and Air Gauging etc.

We can mass process and produce various kinds of metals, non-metallic parts of high precision products and non-standard products.

立式加工中心
Vertical Machining Centers

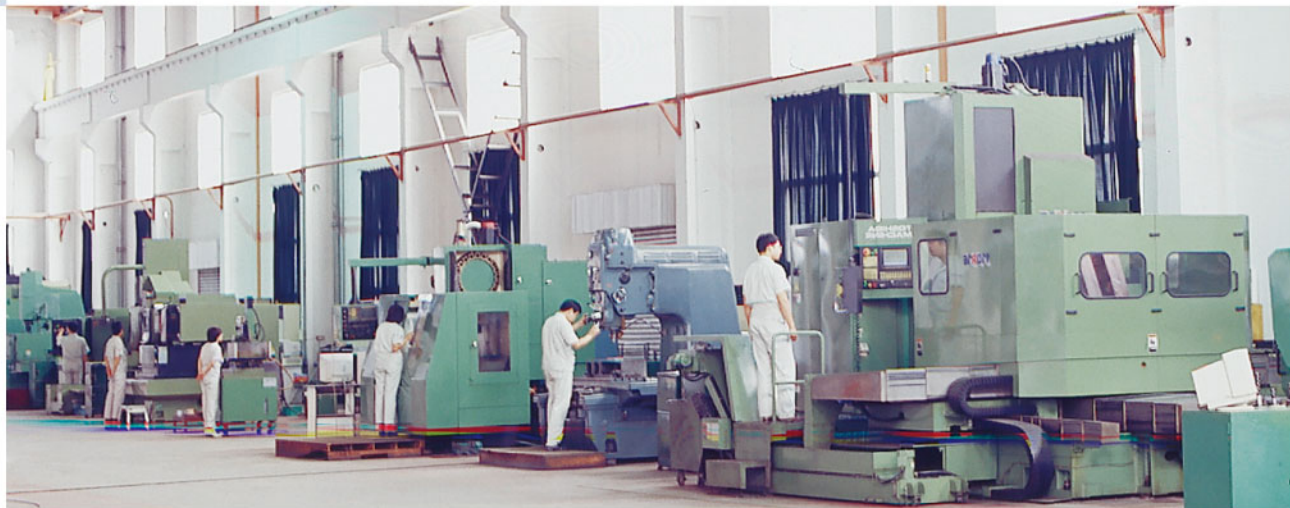


对刀仪
Tool Checking Instrument



刀具库
Cutter Library





低压铸造机
Low Pressure Die Casting Machines

非标设备 模具加工

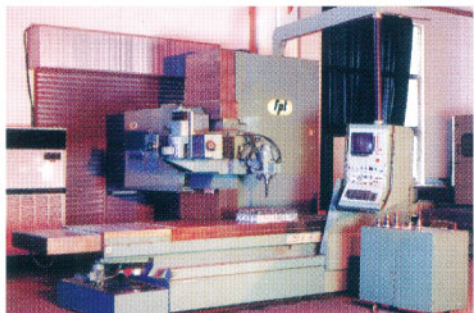
Non-Standard Equipment and Mold

引进日本大型五轴加工中心、卧式加工中心、电火花成型机、精密线切割机床、高速穿孔机和意大利数控仿型铣等具有世界先进水平的加工设备。

在国内率先引进、消化、吸收Pro/E、UG、CIMATRON、Mold flow等CAD/CAM/CAE软件。成功设计开发出具有行业先进水平的空调器、洗衣机、摩托车塑料件注塑模具，冰箱内胆吸塑模，发泡模，空调器生产用全自动胀管机、弯管机、整形套环机、清洗机和国内外知名品牌轿车组装流水线的升降机等专用设备。



电火花成型机
EDM Machine



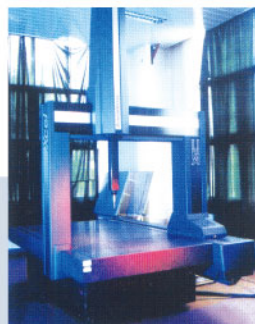
数控仿型铣
Numerically Controlled Milling Machine

We introduce advanced world-level processing equipment from Japan, for instances, Five-Axis Machining Center, Horizontal Machining Center, EDM machine, Precise WEDM machine, high-speed perforating machine, and numerically controlled milling machine from Italy.

We are among the first who introduce, digest and absorb CAD/CAM/CAE software, such as Pro/E、UG、CIMATRON、Mold flow etc. We designed and developed advanced-level air conditioners, washing machines, injection mold of plastic parts in the motorcycles, refrigerator cabinet vacuum forming mould, foaming mould, auto tube expander, bender Sizing & Ring Machine, clean machine used in air conditioner production and hoist used in the assembly line in famous brand car manufacturing at home and abroad.



卧式加工中心
Horizontal Machining Center



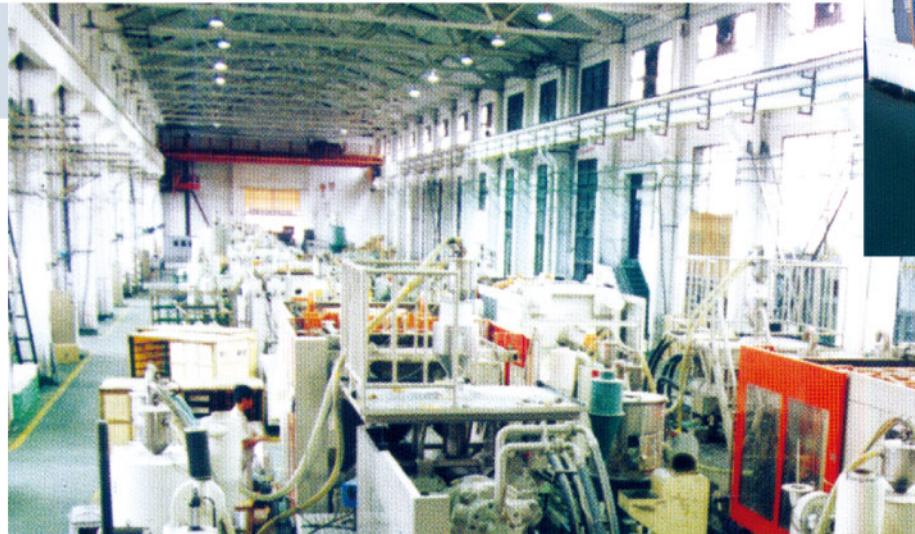
三坐标测量仪
Three-coordinate
Measuring Machine

注塑成型加工

Injection Molding

拥有日本及国内先进水平的注塑成型机40多台，锁模吨位240吨~1800吨，可注塑成型50克~10000克各种型号家电、机电、汽车等产品塑料件，年加工能力达10000吨。

配备热变形温度测定仪、熔体流动速率仪、智能化光泽仪、拉伸强度及冲击强度试验机等全套塑料件机械性能、热性能检测仪器，可确保塑料件产品质量。



注塑成型生产线
Production Line of Injection Molding



注塑成型机
Injection Molding Machines

We possess more than 40 advanced Japanese injection molding machines with clamping tonnage ranging from 240T~1800T, which can injection mold various models of plastic parts ranging from 50g~10000g used in household appliances, mechanical and electrical products and automobiles. Our annual processing capacity can reach 10,000 tons

With the help of a full set of detection instruments for mechanical properties and thermal properties of the plastic parts, such as Heat Deflection Temperature Measuring Instruments, Extrusion Plastometer, Intelligent Gloss Meter, Tensile and Impact Testing Machine and so on, we ensure the high quality of our plastic products.





退火消磁发蓝炉
Demagnetization Blueing Furnace



高速冲床退火消磁发蓝炉
High Speed Punch Presses

电机加工

Electric Motor Process

引进两台台湾300吨高速冲床，单台冲次达330次/分钟，配备履带式退火消磁发蓝炉以及压铸成型机，具备日产4800~5500只电机定、转子生产能力。

配备电机转子断条测试仪、电机转速测试仪等电机试验、检测仪器，可适应规模化、大批量电机定、转子生产加工。

We introduce two 300tons High Speed Punch Presses from Taiwan, whose punch speed reaches 330 punches per minute. Supporting by the crawler-type anneal and demagnetization blueing furnace and Die casting machines, we can produce 4800~5500 Motor stators and rotors every day. With the help of Motor tests and some testing instruments, such as Rotor Broken Bars Detection Meter, Rotate Speed Meter of Motor etc., we can mass process and produce motor stators and rotors.



泡沫成型生产线
Production Line of Foam Molding

泡沫成型加工

Foam Molding

拥有国内先进水平的真空1400型、1600型、1700型全自动泡沫成型机10多台，最大泡沫件尺寸1430mm×1230mm×300mm，年生产能力达1200吨。可为家用电器以及各类小型机电产品配套生产泡沫零部件和包装件。

We have more than 10 advanced Vacuum 1400, 1600, 1700 automatic foam molding machines. Maximum size pieces of foam—1430mm × 1230mm × 300mm—can be produced. The annual production capacity is 1,200 tons. We can provide all kinds of foam parts and packages for small household appliances and small mechanical and electrical products.



泡沫模具
Foam mold

自动售检票系统加工

Automatic Fare Collection System Production

自动售检票系统又名AFC系统, 全称Automatic Fare Collection System, 是一种由计算机集中控制的自动售票(包括半自动售票)、自动检票以及自动收费和统计的封闭式自动化网络系统。

我司现已成功开发出具有自主知识产权的应用于自动检票系统的重要部件SGZM-00A型三杆闸机和DZJ系列门式电动闸机, 并已实现批量化生产。该产品可广泛应用于高铁、轨道交通、航运、公共交通、展会、公园、楼宇等场所的自动检票系统。

2010年, 我司与上海合作伙伴联合设计、制造的600多台自动检票机, 承担了上海世博会期间7300万人次的检票任务, 圆满完成任务。

Automatic Fare Collection System is also called AFC for short, is a closed-end automation network system which contains automatic ticket (semi-automatic ticket), automatic check in, automatic fare collection and statistic central controlled by computers.

Our company has successfully developed important components—Tripod Turnstile of SGZM-00A and electric barrier gate of DZJ series—used in Automatic Fare Collection System with independent intellectual property rights and has realized mass production. The product can be widely used in automatic fare collection system that is needed in high-speed rail, rail transport, shipping, public transport, exhibition, parks, buildings and other places of. In 2010, by the joint design and manufacturing with the cooperative partners in Shanghai, we produce more than 600 sets of automatic ticket checking machines, successfully completing the check-in task of 73 million during the Shanghai Expo without a fault.



上海世博会检票口场景
Pictures of the ticket gate in Shanghai World Expo



三杆闸机
Tripod Turnstile equipment

门式闸机
Electric Barrier Gate



检票机生产调试场景
Pictures about the production and debugging of the Ticket Checking machine

品质控制

Quality Control

质量方针

Quality Policy



质量体系

Quality System

江苏春兰机械制造有限公司于1999年8月通过ISO9002: 1944版质量体系认证, 并于2010年10月通过ISO9001: 2008版换版认证工作。

Jiangsu Chunlan Machinery Manufacturing Limited Company passes the authorization and the audit of ISO9002: 1944 Quality System in August 1999 and pass changed version of the ISO9001: 2008 in October 2010.

证书

Certification



江苏春兰机械制造有限公司坚持以科技创新为主导，践行“沉下去、走出去、请进来”的工作思路，采取自主研发为主、产学研联合开发的发展模式，拥有结构有限元分析、动力学仿真、模态分析、整机三维实体造型和虚拟装配、动态检测等现代研发技术，打造一流的研发团队，具备“高端切入，跟踪前沿”的研发实力。其主导产品设计和制造技术达到了国内领先、国际一流水平，能满足质量、精密度和灵活度等要求高的产品定制加工的要求。

“十二五”期间，公司将瞄准国家重点工程与支柱产业所需的机械装备，以高效、低耗、环保、精密为目标，朝着专业化、标准化、系列化、智能化方向发展，不断提高加工设备的档次和精度，应用新工艺、新材料、新技术，为国内外家电、机电、汽车、轨道交通等领域，创新研发各类高尖端产品，成为国内外重要的机械产品制造、供应和集成商。

Jiangsu Chunlan Machinery Manufacturing Limited Company adheres to the scientific and technological innovation, puts the work idea—"Concentrate on, Go out, Bring in"—into practice, adopts the developing model which focuses mainly on independent research and development and a joint development of production, teaching and research. We have structure finite element analysis, dynamic simulation, modal analysis, the whole three-dimensional solid modeling and virtual assembly, dynamic testing and other modern Research and Development technology, which support our first-class research and development team that has capabilities of "Produce with high technology, Keep pace with the frontier science." Our leading product design and manufacturing technology has reached the domestic and international leading first-class level and can meet the product customization that require high quality, precision and flexibility.

We will aim at most mechanical equipments for national key projects and pillar industry during the National Twelfth Five-Year Plan period. We set our sights on high efficiency, low consumption, environmental protection, precision, aiming at exactness, specialization, standardization, serialization and intelligence. We are willing to be a main machinery manufacturer, supplier and system integrator at home and abroad, for this, we are continuously improving our product quality and precision, applying new material and new technology, and also we are designing and innovating many kinds of highly sophisticated products for household appliances, automobile, track transportation and so on.

春兰机械产品(成果)

Chunlan Machinery Products (Achievement)

1、铝合金压铸、金加工

- (1) 摩托车发动机外壳、箱体件
- (2) 通用发电机箱体件
- (3) 微波通讯腔体件

2、模具

- (1) 空调器等家电类塑料件注塑、吸塑和发泡模具
- (2) 铝合金压铸模具

3、专用设备

- (1) 空调器生产用全自动胀管机、弯管机、整形套环机、清洗机
- (2) 压缩机生产用多工位钻机
- (3) 轿车组装流水线专用升降机

4、塑料制品

- (1) 家电类塑料壳体、面板等
- (2) 汽车塑料内饰件
- (3) 全密封、免维护铅酸蓄电池塑料壳体
- (4) 各类POS机塑料壳体

5、空调、冰箱等家电类发泡产品件、包装件

6、空调器压缩机电机定、转子

7、空调器亲水铝箔

8、AFC产品

- (1) 上海世博会专用自动检票机
- (2) 上海浦江公司专用轮渡自动检票机
- (3) 三杆闸机装置及三杆式自动检票机
- (4) 门式电动档闸门及门式自动检票机
- (5) 检票机用自动收发卡装置

1. Aluminum die casting, metal processing

- (1) Motorcycle engine casing and case
- (2) General generator case
- (3) Microwave communication chamber pieces

2. Mold

- (1) Injection mold of plastic parts, blister, foam mold in the household appliances such as air condition.
- (2) Aluminum alloys die casting mold

3. Special Equipment

- (1) Auto Tube Expander, Bender Sizing & Ring Machine, Clean Machine used in air condition production
- (2) Multi-Position Drilling Machine used in compressor production.
- (3) Special hoist used in automobile assemble line.

4. Plastic Products

- (1) Plastic shell and pane etc. that are used household appliances,
- (2) Plastic Interior trim in cars
- (3) Plastic shell for the sealed and maintenance-free lead-acid battery
- (4) Plastic shell for all kinds of POS machines

5. Foam products and packages used in air-conditioners and refrigerators.

6. Compressor motor stators and rotors in air-conditioners.

7. Hydrophilic aluminum foil in air-conditioners.

8、AFC Products

- (1) Automatic checking ticket machine for Shanghai World Expo Special
- (2) Ferry automatic ticket checking machine for Shanghai Pujiang Company
- (3) Tripod Turnstile equipment and Tripod automatic ticket checking machine
- (4) Full-height electric barrier gate and gate automatic checking machine
- (5) Automatic card collecting and dispensing equipment used in ticket checking machine

⚙️ AFC项目成功案例

Successful cases of AFC program

⚙️ 上海世博会专用自动检票机

Automatic checking ticket machine for Shanghai World Expo



⚙️ 上海浦江公司专用轮渡自动检票机

Ferry automatic ticket checking machine for Shanghai Pujiang Company



⚙️ 地铁自动检票机、华东六省一市公交一卡通

Subway automatic ticket checking machine, All-in-one bus cards used in Shanghai, Jiangsu, Zhejiang, Shandong, Anhui, Fujian, and Jiangxi in the east China.



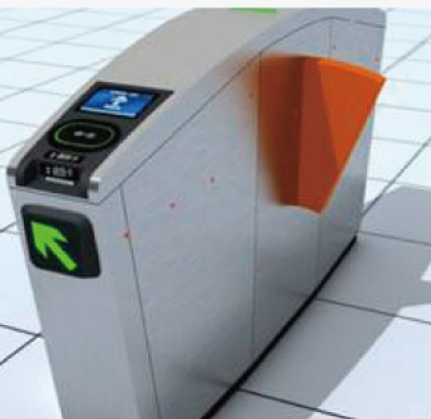
⚙️ 高铁自动检票机 (方案进行中)

Automatic ticket checking machine for High Speed Railway (The program is ongoing)



产品系列

Products



DZJ系列门式电动闸机

DZJ Series Electric Barrier Gate

适用范围： Scope of Application：

- 1、各类轨道交通、铁路、航运等自动检票系统；
- 2、各类大型展会、博览会自动检票系统；
- 3、各类公园、游乐场自动检票系统；
- 4、机关单位、学校、图书馆门禁系统；
- 5、特殊通道；

1. Various types of Automatic Fare Collection system for rail transport, railways, shipping etc.
2. Various types of Automatic fare collection system for large-scale exhibitions, fairs etc.
3. Various types of Automatic Fare Collection for parks, Amusement park etc.
4. Access control systems for departments and units, schools, libraries etc.
5. Special passage-ways.

功能详述： Function Description：

控制模式：

DZJ系列门式电动闸机通过RS232接口与检票机主控制器相连接，检票机每接收一次通行信号，则向该电动闸机发出一次通行模式指令。

通行模式：

DZJ系列门式电动闸机伸缩臂装置向两侧收回后再向中间关闭为一次完整的通行，结束一次通行后，两伸缩臂必须处于关闭位置。

禁止通行：

DZJ系列门式电动闸机在没有接收到通行信号的情况下，伸缩臂被禁止打开或收回。

断电紧急模式：

DZJ系列门式电动闸机在断电紧急模式情况下，伸缩臂自动收回，确保通道处于畅通状态。

主要特点： Features：

- 1、规格齐全，适合行人、行李箱（车）、婴儿车以及轮椅、自行车等类似交通工具无障碍通行（通行模式下），具有单门、双门两种类型；
- 2、独有的门结构设计，专利产品，采用进口优质橡胶，具有防撞击、防夹伤功能，安全性能高；
- 3、采用进口直流电机，低噪音，高效率，运行稳定、可靠；
- 4、先进的传动机构设计，低噪音；
- 5、控制模式简单，响应速度快，通行能力强；
- 6、结构设计科学，稳定、牢固，便于安装、维护。

Control mode：

DZJ series Electric Barrier Gate connects to the ticket machine main controller through the RS232 interface. Ticket machine sends an access mode command to the gate on receiving a access signal.

Access Mode：

The Electric Barrier Gate allows one access by drawing back its two arms to both sides and then closes the gate by extending the arms to the middle. After an access, the gate is locked as a barrier.

Access Denial：

DZJ series Electric Barrier Gate is forbidden to open or pull back without receiving the access signal.

Emergency power-off mode：

DZJ series Electric Barrier Gate will pull back the bars automatically under the emergency power-off mode in order to make sure that all pathways are clear.

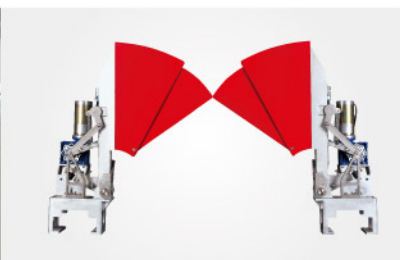
1. Complete specifications, suitable for pedestrians, the luggage case (barrow), baby carriages and wheelchairs, bicycles and other similar transport to pass smoothly (under Access Mode), two types: single door or double doors.
2. Unique gate design, patented products, use imported high-quality rubber, anti-shock, anti-crush features, high security.
3. Use imported direct current motor, low noise, and high efficiency, stable and reliable.
4. An advanced transmission design, flexible rotation, low noise, long service life.
5. Simple operation, fast response, high accessibility.
6. Scientific structural design, solid, stable, easy to install and maintain.



技术参数：

Technical Parameters：

性能 Performance	型号 Model	DZJ-50A	DZJ-70A	DZJ-90A (原DZJ-00A) (Originally DZJ-00A)	DZJ-110A	DZJ-55B
门结构 Doors		单门 One Door	双门 Double doors	双门 Double doors	双门 Double doors	双门 Double doors
外形尺寸 Dimensions (宽W×长L×高H)		300×230×830	300×230×830	300×230×830	315×230×830	200×230×830
门高度 (M) Door height (M)		470	470	470	470	470
通道宽度 (L) Pathway width (L)		500	700	900	1100	550
重量 (单个机构) Weight (single machine)		28Kg	30.7Kg	30.7Kg	31Kg	29Kg
工作电压 Operating voltage		48±2V 24±2V	48±2V 24±2V	48±2V 24±2V	48±2V 24±2V	48±2V 24±2V
工作电流 Current		≤5A	≤5A	≤5A	≤5A	≤5A
空载电流 Load current		≤0.5A	≤0.5A	≤0.5A	≤0.5A	≤0.5A
响应时间 Response time		≤0.5秒(s)	≤0.7秒(s)	≤0.7秒	≤0.7秒(s)	≤0.5秒(s)
控制接口 Control Interface		I/O RS232	I/O RS232	I/O RS232	I/O RS232	I/O RS232
工作环境 Work environment		-10℃~+50℃	-10℃~+50℃	-10℃~+50℃	-10℃~+50℃	-10℃~+50℃
储存环境 Storage Environment		-20℃~+70℃	-20℃~+70℃	-20℃~+70℃	-20℃~+70℃	-20℃~+70℃
紧急模式 Emergency mode	紧急模式下伸缩臂自动收回, 打开通道 Pull back the bars automatically under the emergency power-off mode in order to keep the door open.					
通行能力 Anti-trap function		≥40人(person)/分钟(m)	≥40人(person)/分钟(m)	≥40人(person)/分钟(m)	≥40人(person)/分钟(m)	≥40人(person)/分钟(m)
防夹功能 Service life		≤70N	≤70N	≤70N	≤70N	≤70N
使用寿命 times		≥150万次(times)	≥150万次(times)	≥150万次(times)	≥150万次(times)	≥150万次(times)



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产品系列

Products

SAZM-00A三杆式闸门装置

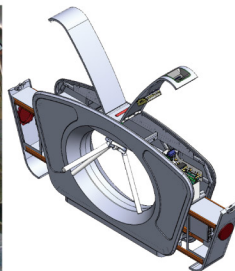
SGZM-00A Tripod Turnstile

功能特点：

Features：

- 1、结构设计先进，转动力矩小，运行稳定、可靠；
- 2、先进的传动机构设计，转动灵活，低噪音，长寿命；
- 3、控制模式先进，可选择正反两个方向转动，适合不同的机箱结构；
- 4、结构设计科学，牢固、稳定，便于安装、维护。

1. A sophisticated design with small rotary moment, stable and reliable;
2. An advanced transmission design, flexible rotation, low noise, long service life;
3. Advanced control mode, positive or negative direction of rotation can be selected, suitable for different chassis structure;
4. Scientific structural design, solid, stable, easy to install and maintain



功能详述：

Function Description：

控制模式：

SAZM-00A三杆式闸门装置通过RS232接口与检票机主控制器相连接，检票机每接收一次通行信号，则向该闸门装置发出一次通行模式指令。

通行模式：

三杆装置在外力推动下旋转120度为一次完整的通行，结束一次通行后，三杆装置处于锁定位置。

禁止通行：

SAZM-00A三杆式闸门装置在没有接收到通行信号的情况下，三杆装置被禁止旋转。

断电紧急模式：

SAZM-00A三杆式闸门装置在断电紧急模式情况下，自动落杆，确保通道处于畅通状态。

Control mode：

SGZM-00A Tripod Turnstile connects to the ticket machine main controller through the RS232 interface. Ticket machine sends an access mode command to the gate on receiving a access signal.

Access Mode：

The tripod equipment allows the access by rotating 120°. After an access, the tripod equipment is locked.

Access Denial：

SGZM-00A Tripod Turnstile is forbidden to rotate without receiving the access signal.

Emergency power-off mode：

SGZM-00A Tripod Turnstile will drop the bars under the emergency power-off mode in order to make sure that all pathways are clear.

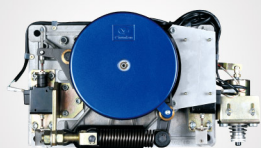
适用范围：

Scope of Application：

- 1、各类轨道交通、铁路、航运等自动检票系统；
- 2、各类大型展会、博览会自动检票系统；
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- 5、特殊通道。

1. Various types of Automatic Fare Collection system for rail transport, railways, shipping etc.
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5. Special passage-ways





技术参数：
Technical Parameters：

性能 Performance	指标 Indicator
外形尺寸 (长×宽×高) Dimensions (L × W × H)	
安装尺寸 Installation dimensions	
重量 Weight	
工作电压 Operating voltage	DC24±2V
工作电流 Current	≤3A
空载电流 Load current	≤1A
转动推力 (通行模式下) Thrust of the rotation(Access Mode)	≤10N
常开模式 Operational Mode	有
常闭模式 Normally close Mode	有
正向转动 Positive direction rotation	有
反向转动 Negative direction rotation	有
正/反连转记数 Count the number of Positive / Negative rotation	有
转一次/发一次信号 Rotate once / Send signal onc	OK
控制接口 Control Interface	RS232
工作环境 Working Environment	-10℃~+50℃
储存环境 Storage Environment	-20℃~+70℃
紧急模式 Emergency mode	紧急模式下自动落杆，通道畅通 drop the bars under the emergency power-off mode to make sure that all pathways are clear.
通行能力 Discharge Capacity	≥29人/分钟
寿命 Service life	≥150万次