



Factory Brief Introduction

Baiyear Electric

| Mold Design and Making | Injection Molding | Sheet Metal Processing |

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Baiyear 柏大产业园
共建全球安全新未来

Baiyear

Development Process

Production Workshop

Customer Case Products

Looking Towards the Future



01

Baiyear is a comprehensive manufacturing enterprise that integrates mold design and production, plastic injection molding, and sheet metal processing. We specialize in the production of plastic components for fire automatic alarm and firefighting linkage control systems, as well as emergency lighting and evacuation indication systems. Our factory was established in June 2009.

In 2019, we established our first holding subsidiary, "Zhejiang Baida Plastic Industry Co., Ltd." Since then, we have subsequently established "Yueqing Baida Mold Co., Ltd.," "Yueqing Baida Automation Technology Co., Ltd.," "Yueqing Baida Standard Parts Co., Ltd.," and "Zhejiang Baida Plastic Industry Co., Ltd. Liu Market Branch." This expansion allowed us to cover the entire process from product design, research and development, production, support, to sales.

Our company has a standardized production workshop covering an area of over 20,000 square meters. We have a specialized injection molding production base of over 5,000 square meters, with more than 400 employees, including over 30 senior technical personnel. We possess over 90 advanced precision injection molding machines, all of which are equipped with MES intelligent systems, professional ERP information systems, and centralized feeding systems. Additionally, we have 20 sets of fully automated assembly machines and multiple automated production lines.



02

We have established sincere cooperation with several leading domestic fire protection companies, including QN Fire Technology Co., Ltd., Sichuan Jiuyuan Intelligent Fire Equipment Co., Ltd., Beijing Weitai Safety Equipment Co., Ltd., and Beijing Zhongke Zhichuang Electric Co., Ltd. In October 2022, Baiyear established a strategic partnership with Siemens, and on April 25, 2023, we successfully passed Siemens' VDA6.3 process audit, further deepening our collaboration with Siemens International Business Department.

Adhering to the business philosophy of "quality-driven, innovation-focused, pursuit of excellence, and continuous improvement," we provide honest services and sincere cooperation to achieve mutual development and deliver high-quality products to our customers. Over the years, we have consistently surpassed ourselves, continuously creating value for our customers, and wholeheartedly dedicated ourselves to providing them with superior technology, products, and services.

With a professional technical team, precision production equipment, and advanced management practices, we have gained the support and trust of numerous customers, becoming the designated production supplier for QN Fire Technology's plastic structural components. While we strive for advanced technology and excellent quality, we continuously strive to become a leading domestic manufacturer of fire safety equipment components.

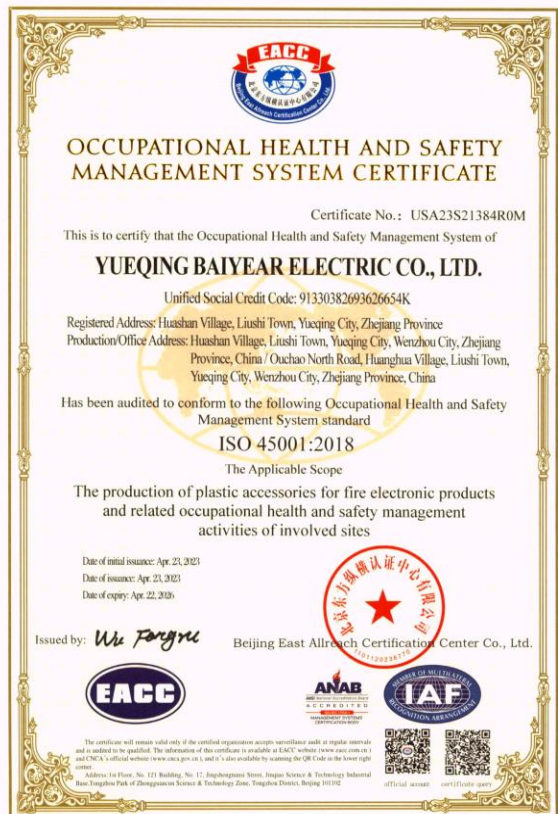
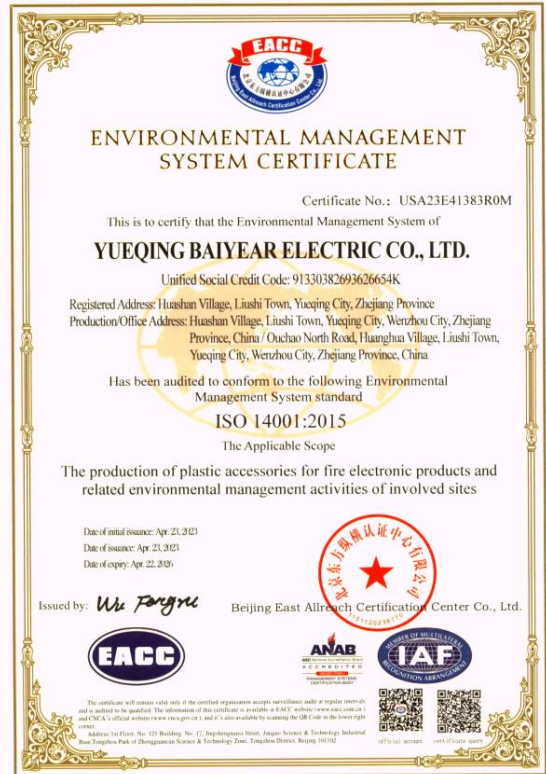


The latest ISO 9001 certificates



Each division of Baiyear has passed the latest ISO 9001 Quality Management System certification, as well as the latest certifications for ISO 45001 Occupational Health and Safety Management System and ISO 14001 Environmental Management System.

ISO45001 and ISO14001 Certificates



Team



Baiyear are a plastic injection molding factory with a team of 10 project engineers specializing in plastic component injection processes. Our mold design and production team consists of 30 skilled professionals dedicated to creating high-quality molds. In our Quality Department, we have a team of 30 experienced quality inspectors who ensure that our products meet the highest standards.

Additionally, we have dedicated departments such as Procurement, Material Control, Logistics, Production, Sales, Finance, and Process Engineering. These departments work together seamlessly to support our operations and provide exceptional service to our clients.

At our facility, we prioritize elegance and efficiency in all aspects of our operations. With a focus on precision, our engineers meticulously oversee each project to ensure optimal results. Our state-of-the-art equipment and advanced manufacturing processes enable us to deliver superior plastic injection molding services.

We take pride in our commitment to customer satisfaction and constantly strive to exceed expectations. With a strong emphasis on quality control and streamlined production processes, we consistently deliver products that meet the highest industry standards.

In summary, our plastic injection molding factory boasts a talented team of project engineers, mold design experts, and quality control professionals. Supported by efficient departments and a dedication to excellence, we provide elegant solutions for all your plastic component needs.

Injection Molding Workshop



Injection Molding Raw Material Processing Center



We are a plastic injection molding factory with 100 machines and 25 material processing equipment. Our advanced technology and skilled team produce high-quality plastic components. With precision engineering and strict quality control, we ensure efficient production. Our dedicated material processing center prepares top-grade materials for consistent performance. We accommodate various project sizes and prioritize customer service and timely delivery. Trust us for exceptional plastic injection molding.

Pad Printing and Assembly Workshop



Our Pad Printing and Assembly Workshop is a highly automated facility with 95% automation rate and 100 advanced equipment. We specialize in precise pad printing and efficient assembly operations, delivering superior plastic components with exceptional quality and efficiency.

Mold Design and Production Center



Sheet Metal Processing Center



Baiyear's Mold Design and Production Center, along with Sheet Metal Processing, operates within a single division. The Mold Design team consists of 30 skilled professionals, supported by 35 mold-making machines. The Sheet Metal Processing team comprises 50 experts and utilizes 60 machines, including laser cutting and welding equipment.

Currently, Baiyear's Mold Design and Production Center primarily focuses on meeting the mold requirements for plastic components used in firefighting equipment. The Sheet Metal Processing department specializes in manufacturing electrical distribution boxes and explosion-proof enclosures that complement the plastic components for firefighting applications.

With a strong emphasis on quality and precision, Baiyear's Mold Design and Production Center ensures the seamless integration of mold design, manufacturing, and sheet metal processing. This integration enables us to provide comprehensive solutions for the production of firefighting equipment, meeting the industry's stringent requirements. Looking ahead, Baiyear is committed to further expanding its capabilities in mold design and sheet metal processing, catering to a wider range of industries and applications. By leveraging our expertise, advanced equipment, and dedication to excellence, we aim to be at the forefront of delivering innovative solutions in the field of plastic components and sheet metal fabrication.

Baiyear's Mold Design and Production Center is dedicated to providing top-quality products, reliable services, and forging lasting partnerships with clients. We continually strive for excellence, seeking new opportunities to advance our expertise and contribute to the success of our customers in the ever-evolving manufacturing landscape.

Laboratory



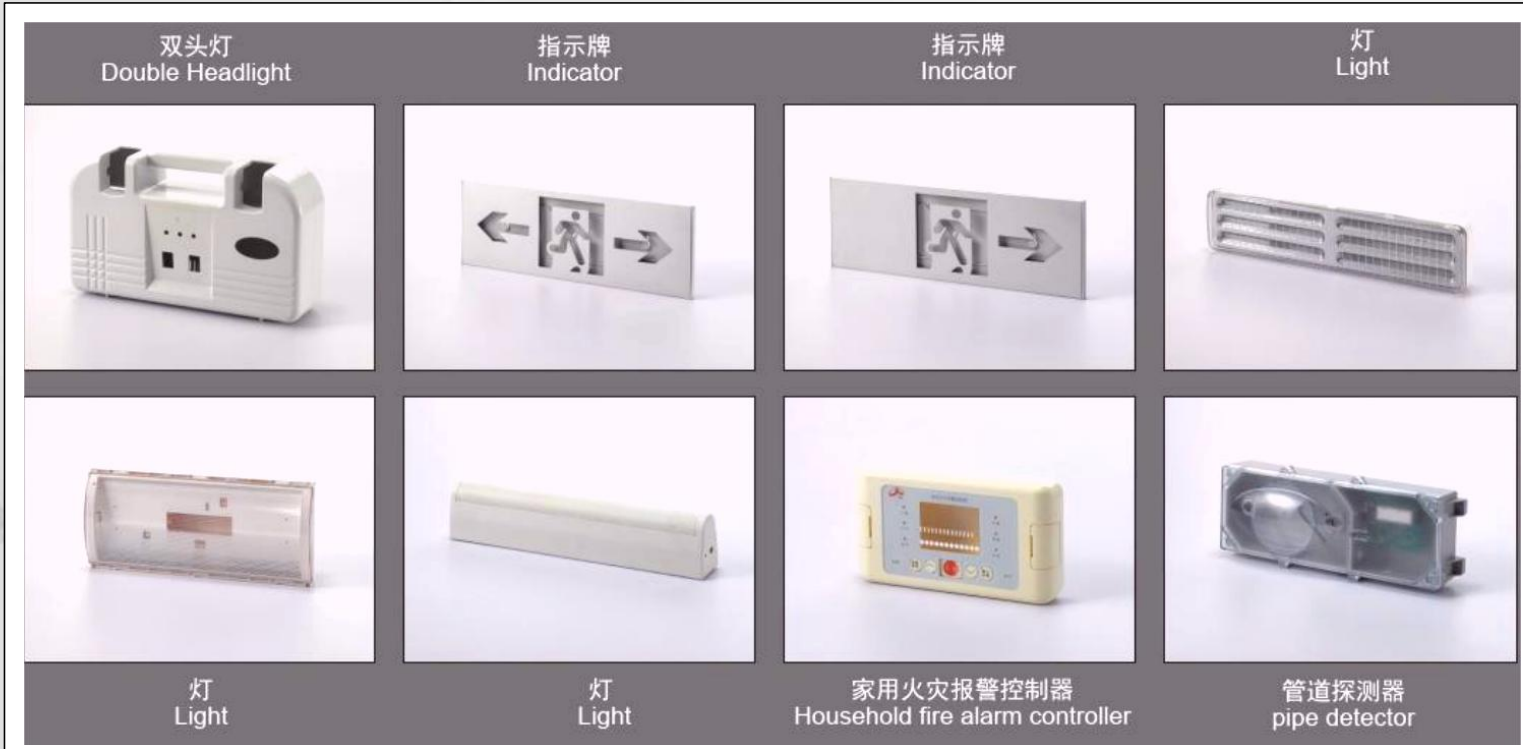
Logistics and Warehousing



Baiyear's fully-equipped laboratory. With approximately 50 advanced testing instruments, we conduct thorough analysis to ensure the quality and performance of our plastic components. Our skilled technicians evaluate mechanical strength, durability, chemical resistance, and dimensional accuracy. We continually research and develop innovative materials and manufacturing techniques to enhance efficiency. Our laboratory's rigorous testing adheres to international standards, guaranteeing high-quality plastic products for our valued customers.

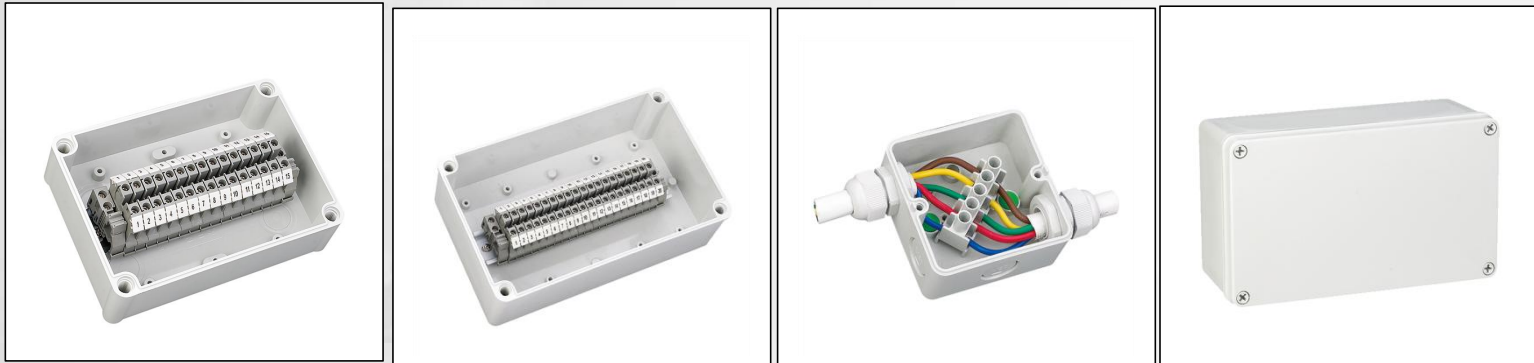
Baiyear encompasses an efficient Logistics Center and a well-organized Warehouse, exemplifying excellence in storage and distribution. With meticulous attention to detail, our Logistics Center ensures smooth transportation and timely delivery of products, optimizing supply chain operations. Complemented by our Warehouse, equipped with state-of-the-art facilities, we maintain meticulous inventory management to meet customer demands promptly. Together, our integrated Logistics Center and Warehouse enable seamless coordination and efficient handling of materials, guaranteeing reliable and expedient service for our valued clients.

Plastic components for firefighting equipment



The products mentioned above are just a sample of the offerings we provide to our esteemed customers. Baiyear has proudly collaborated with Qingniao Firefighting Co., Ltd. for over 13 years, continuously striving for excellence in the field of plastic components for firefighting equipment. Our partnership remains strong as we continue to work together, specializing in manufacturing plastic parts for smoke alarms, detectors, and other related products. We are committed to delivering superior quality and innovative solutions that meet the evolving needs of the firefighting industry.

Plastic Wire Connection Waterproof Box and Waterproof Protective Window Cover



Our Plastic Wire Connection Waterproof Box is a cutting-edge solution designed to ensure the utmost protection for electrical connections in challenging environments. With its robust and waterproof construction, it effectively shields the wiring from moisture, dust, and other potential hazards. The box's innovative design facilitates easy installation and maintenance, making it ideal for both indoor and outdoor applications. In addition, our Waterproof Protective Window Cover provides a reliable and stylish shield for sensitive equipment, safeguarding against water ingress without compromising visibility or functionality. Its durable and transparent material allows for clear visibility of the equipment's display or indicators while ensuring maximum protection against water, dust, and other contaminants. Whether used in industrial settings, outdoor installations, or even residential applications, our Plastic Wire Connection Waterproof Box and Waterproof Protective Window Cover are essential components that provide peace of mind, ensuring the longevity and optimal performance of your electrical systems.

Sheet Metal Processing for Various Metal Distribution Boxes



Precision. Durability. Excellence. We specialize in sheet metal fabrication, crafting a diverse range of metal distribution boxes and explosion-proof enclosures. Our skilled craftsmen ensure impeccable quality and seamless functionality, while our state-of-the-art equipment guarantees precision and efficiency. Trust us to deliver robust and reliable solutions that meet the highest standards of safety and performance. Experience the power of our sheet metal expertise, tailored to meet your specific requirements.

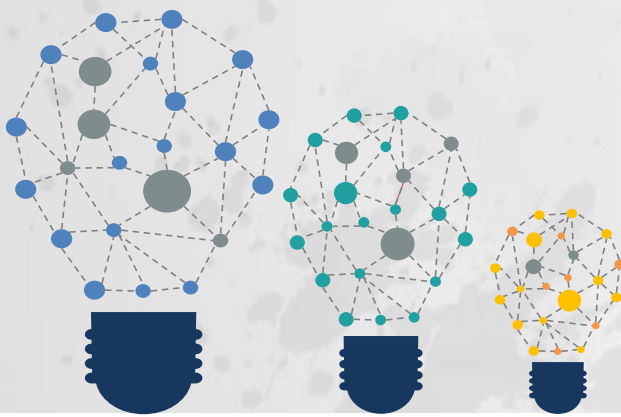
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Partial Plastic Component of Mold Products



Empower your vision with our expertise. We offer end-to-end solutions for designing and manufacturing various plastic component molds. Our dedicated team of designers and craftsmen bring your ideas to life, ensuring precision and innovation at every step. With state-of-the-art facilities and a commitment to excellence, we deliver molds that meet your exact specifications. Experience the power of customization and unleash the potential of your plastic components. Trust us to transform your ideas into reality, with quality, efficiency, and reliability as our driving forces.

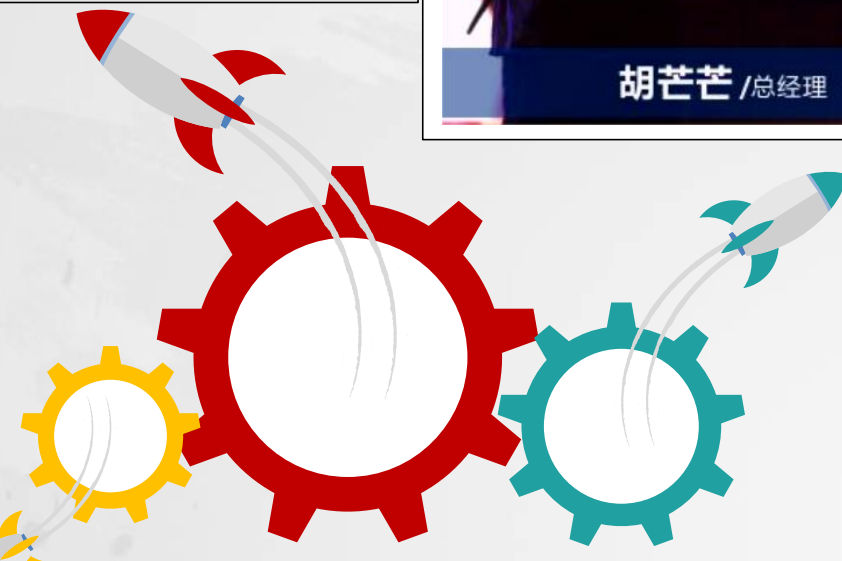
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Looking Towards the Future

Baiyear
ELECTRIC

As a plastic injection molding factory, led by our General Manager, Mr. Humang Mang, we are committed to exploring diverse opportunities and embracing challenges in different industries. Our aspiration is to become a leading one-stop solution provider for plastic injection molding by 2025. We strive to expand our business to every corner of the world, continuously innovating and growing. With a steadfastly positive mindset, we aim to maintain our upward trajectory, delivering exceptional services and products to our valued customers.



Long-standing and ongoing cooperative clients

 青鸟消防
JADE BIRD FIRE

 久远智能
JIUYUAN INTELLIGENCE

 Maple Armor

 惟泰安全
Vitalsafety

 中科知创
Science

SIEMENS

 CHINT
正泰集团
CHINT GROUP

 DELIXI
中国·德力西

 TENGAN

 HUUYU
环宇集团

Baiyear will join hands with both new and existing clients to create a brighter future.

Join us now and experience the added value we can bring to you.

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Welcome to visit our factory

Baiyear
ELECTRIC

Andy

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