

- Prototype Injection Molding
- Custom Injection Molding
- CNC Machining

- Design & Engineering
- Assembly & Secondary
- 3D Printing

BROCHURE

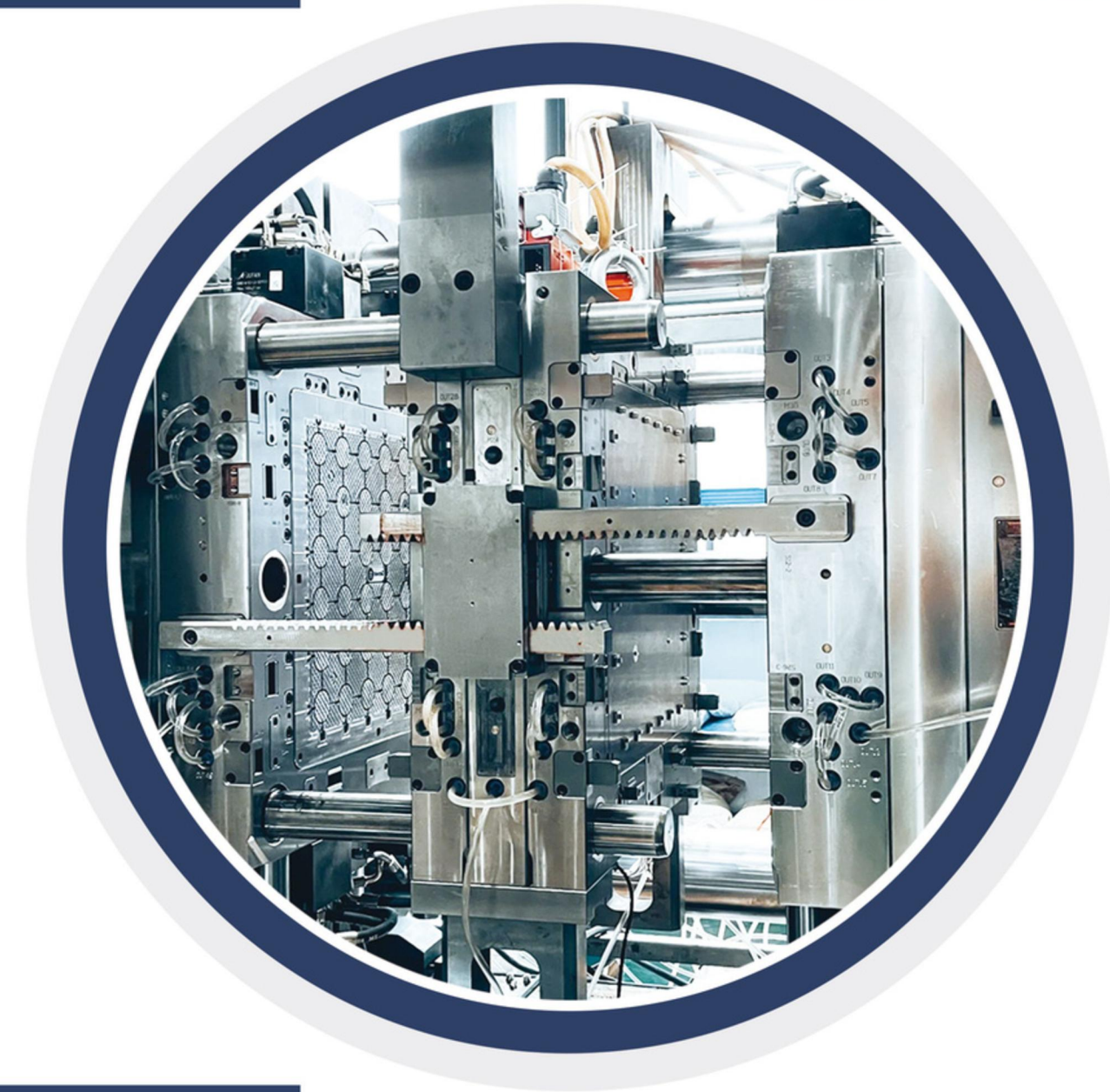


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CERTIFICATIONS

ISO 9001:2015
ISO 14001:2015
ISO 13485:2016
IATF 16949:2016



MET MOULD

Precision Molding for a Smart Future

WHY US



REDUCE YOUR MANUFACTURING COSTS WITH MET MOULD

Met Mould has been a leader plastic injection molding for over 15 years, delivering high-precision, durable plastic parts that outperform materials

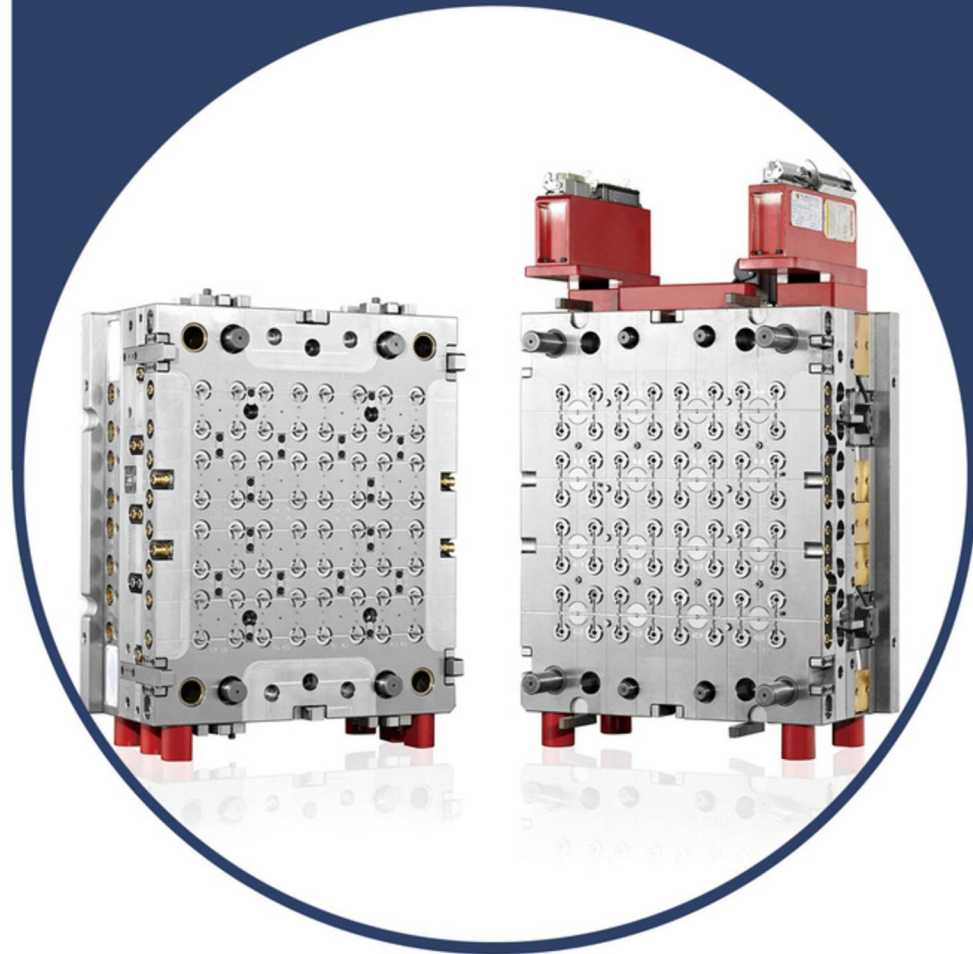
With strict quality control and in-house production at Met Mould, we eliminate delays from subcontractors or overseas manufacturers, ensuring on-time delivery every time.

Our quality certifications include:

- ▲ ISO 9001: 2015
- ▲ ISO 14001: 2015
- ▲ ISO 13485: 2016
- ▲ IATF 16949: 2016

- We complete injection molding, machining, and assembly in house
- Over 35 engineers to help designing your products, as promised
- A 20,000sqm injection factory with 400+ workers in Dongguan
- Our 80 injection machines from 35 to 1400 tons to serve your project
- 10 years working with ANKER, AIPER, SHARK, ROBOROCK, DREAME in smart tech

PRECISION MOLDING FOR A SMART FUTURE



With 15 years of accumulated industry experience, Met Mould has evolved from focusing solely on mold processing and injection molding to becoming a high-tech enterprise integrating product structure development, mold design, injection molding, assembly, and secondary processing services. Its expertise lies in high-tech product sectors, with a strong focus on mold design, plastic enclosures, and precision mold development. Its solutions, known for their high quality and precision, are widely applied in intelligent technology products, agricultural tools, medical devices, and mobility sectors, including smart consumer robot components. Over the years, Met Mould has built a solid reputation by consistently delivering innovative and customized solutions that exceed client expectations. Through continuous technological advancements and a commitment to excellence, it aims to expand its footprint globally and empower industries with cutting-edge solutions. Driven by innovation, Met Mould is committed to empowering the future and shaping a smarter life.

WE SERVE YOUR ENTIRE PROJECT

What sets Met Mould apart is our commitment to full services precision manufacturing. We go beyond plastic injection molding—we handle grinding, machining, and other secondary processes to achieve exceptionally tight tolerances. Our team of experts specializes in every aspect of industrial plastic manufacturing, ensuring your project receives a comprehensive, high-quality solution from start to finish.



CUSTOM INJECTION MOLDING

With over 15 years of experience, we deliver premium custom plastic injection molding using innovative, proven techniques. Offering precise manufacturing, free CAD design, and efficient, deadline-focused service, we've earned a reputation as an industry leader.



PROTOTYPING & 3D PRINTING

Met Mould offers fast 5-hour plastic prototyping services, enabling quick creation, testing, and redesign of models to simulate real-world conditions. Using 3D printing and other rapid methods, they ensure efficient testing of product functionality and design before market launch.



CNC MACHINING

We have delivered top-quality CNC metal machining services for over 15 years, producing custom prototypes and end-use parts using 3-axis and 5-axis processes. Whether high, low, or mixed volume, we ensure reliable solutions for all your production needs.



DESIGN & ENGINEERING

With our expertise in plastic part design, we provide CAD services to transform your 2D sketches or drawings into detailed 3D files. Our team ensures your design is optimized for production efficiency and cost-effectiveness.



ASSEMBLY & SECONDARY

Specializing in production runs from 100 to 100,000 units per order, our molding company provides reliable assembly services and customizable options to meet your specific manufacturing needs, ensuring high-quality production with flexibility and efficiency.

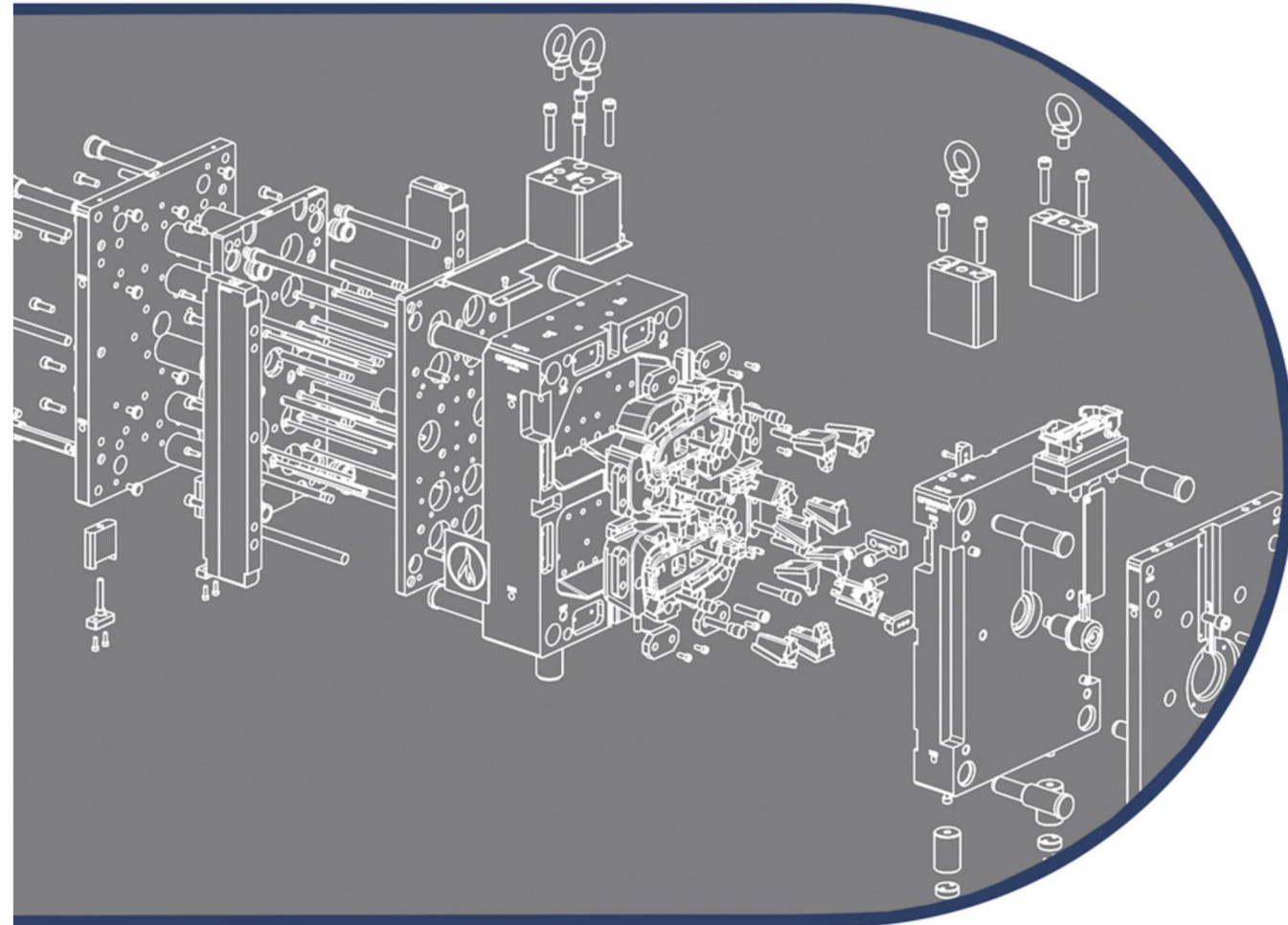


INVESTMENT FOR DEVELOPING

We are eager to invest in promising projects and innovative ideas. For users with great potential but limited funds, we're willing to offer flexible credit terms on mold costs, sharing the financial burden to bring your vision to life!



PRECISION MOLD MANUFACTURING



With 35+ engineers in the molding industry, Met Mould has established itself as a leader in precision mold manufacturing. Our facility is equipped with 38 advanced machines, including 3-axis, 4-axis, and 5-axis CNC machines, robotic-arm drilling machines, milling machines, precision grinders, and electric discharge machines. We utilize cutting-edge wire cutting technology and a three-dimensional measuring instrument to ensure exceptional accuracy, reaching 0.01mm precision.

Backed by a highly skilled team and optimized cost-control strategies, we deliver high-performance, durable molds with efficiency and innovation. Our rigorous quality control processes ensure consistency and reliability in every project. By continuously investing in R&D and the latest manufacturing technologies, we stay ahead of industry trends and provide customized solutions tailored to our clients' needs. With a commitment to excellence, Met Mould helps businesses achieve superior product quality and production efficiency.

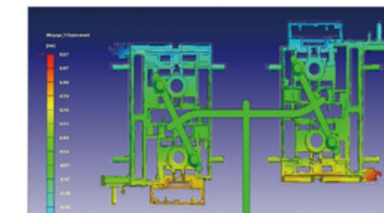
HOW DO WE MAKE MOLD MANUFACTURING PRECISE?

At our company, we specialize in high-precision mold manufacturing, delivering exceptional quality and reliability for industries requiring tight tolerances and superior durability. Our process integrates advanced engineering, cutting-edge machining, and rigorous quality control, ensuring each mold meets the highest standards. From concept to mass production, we focus on efficiency, accuracy, and longevity, optimizing every step to enhance performance and reduce costs. With expertise in CNC machining, EDM, and precision assembly, we provide molds with up to 0.01mm accuracy. Our seamless end-to-end manufacturing process guarantees stable production and long-lasting performance, backed by comprehensive maintenance and technical support. Below is our streamlined workflow:

▲ HIGH PRECISION | HIGH EFFICIENCY | LONG LIFESPAN

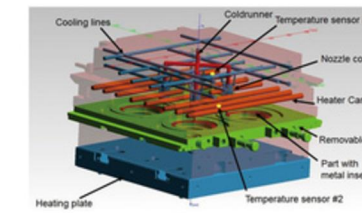
▲ PRECISION UP TO 0.01MM

▲ EMPOWERING HIGH-END MANUFACTURING



HIGH-PRECISION MOLD MANUFACTURING PROCESS

Thoroughly analyze product requirements to ensure optimal mold structure, enhancing efficiency, durability, and manufacturability. Through in-depth evaluation and design refinements, we streamline production while maintaining high precision.



PRECISION MOLD DESIGN

Utilize advanced CAD/CAE software for 3D modeling to ensure exceptional accuracy and optimized mold performance. Through precise simulations and structural analysis, we refine designs to enhance durability, efficiency, and manufacturability.



PREMIUM MATERIALS & PRECISION MACHINING

Employ top-grade mold steel for superior strength and reliability, leveraging cutting-edge CNC, EDM, and grinding methods to achieve meticulous craftsmanship. Our refined manufacturing techniques ensure outstanding accuracy and production efficiency.



METICULOUS ASSEMBLY & PRECISION TUNING

Our skilled team meticulously assembles each component, making precise adjustments to ensure seamless functionality and peak performance. Through expert calibration, we guarantee stability and long-term reliability.



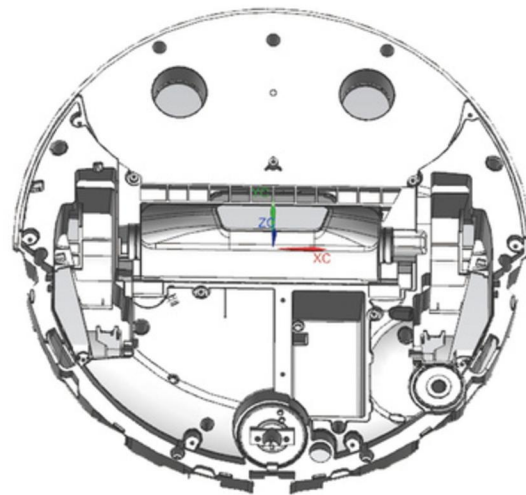
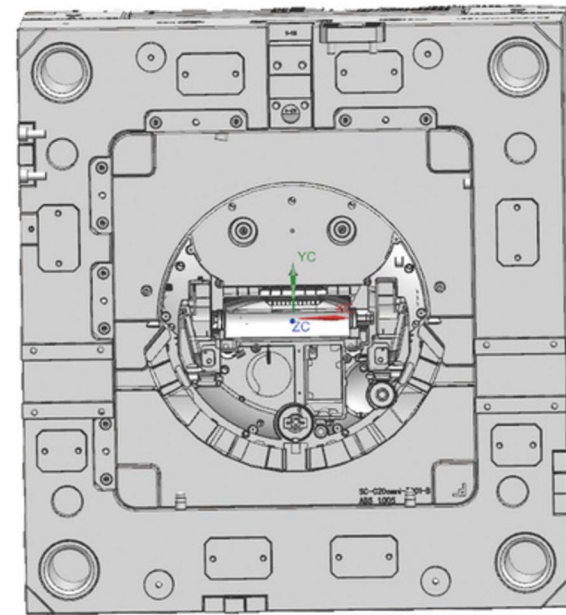
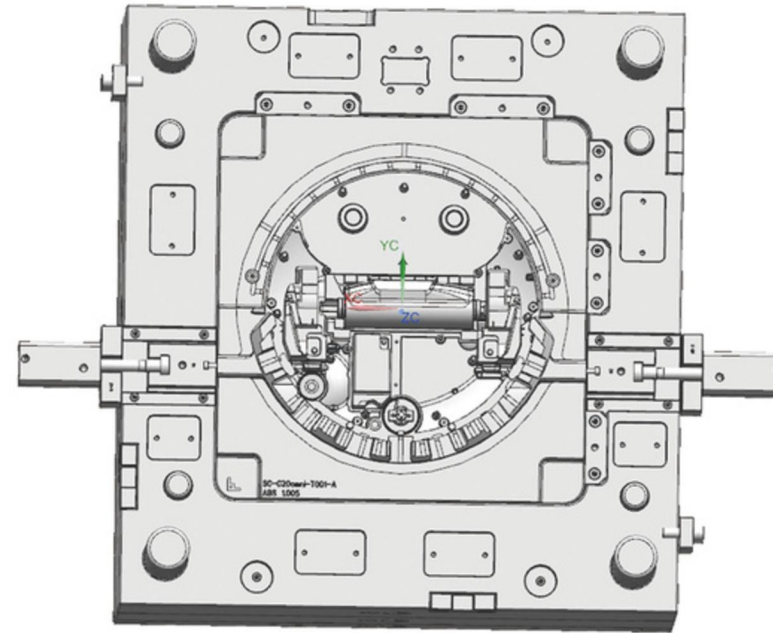
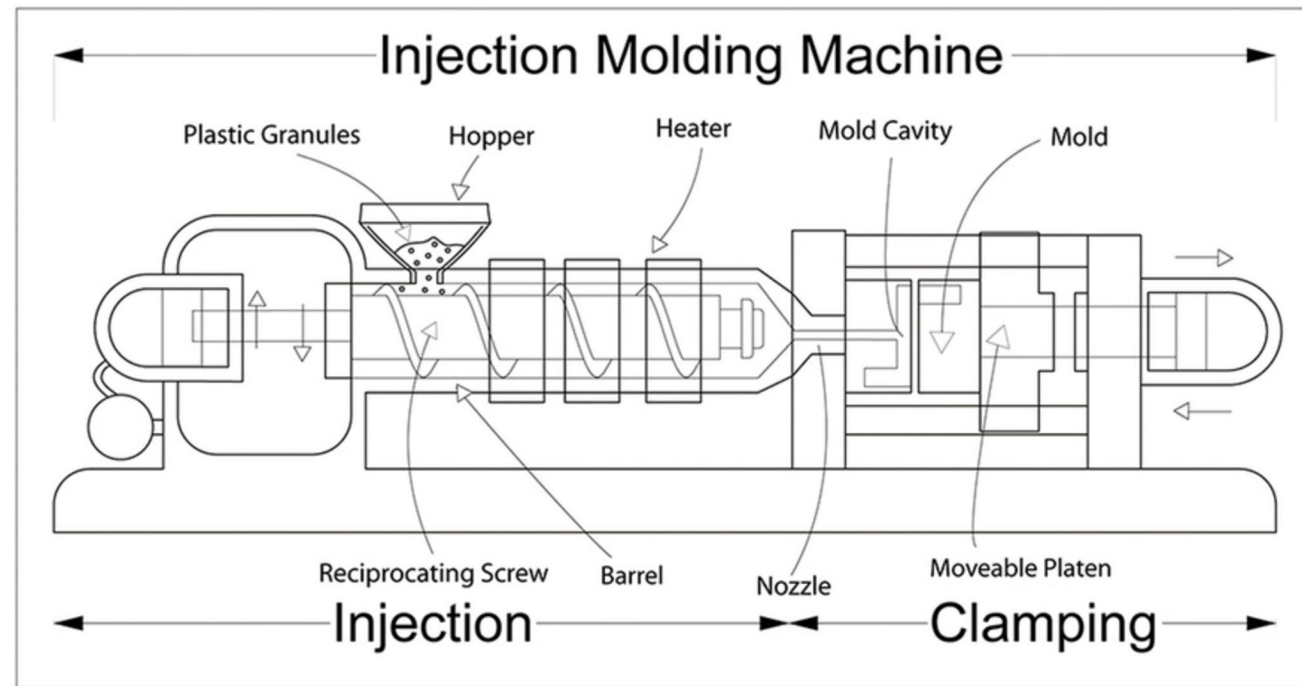
TRIAL MOLDING & QUALITY INSPECTION

Trial Testing & Quality Assurance
Perform T0 trial runs to validate accuracy, thoroughly analyze data, and implement strict tolerance controls. Through rigorous testing and refinement, we ensure consistent high-quality performance.



MASS PRODUCTION SUPPORT & MOLD MAINTENANCE

Maintain seamless manufacturing with dedicated upkeep and expert assistance. Through routine inspections and timely interventions, we extend mold lifespan and ensure uninterrupted operation.



PREMIUM MATERIALS

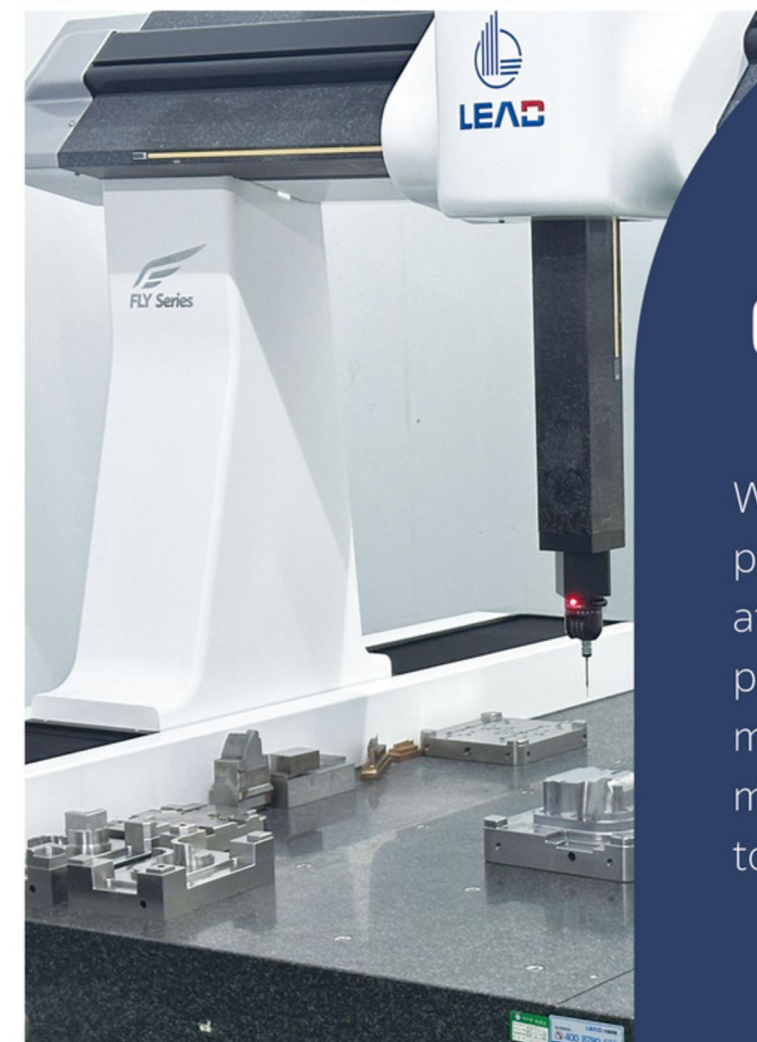
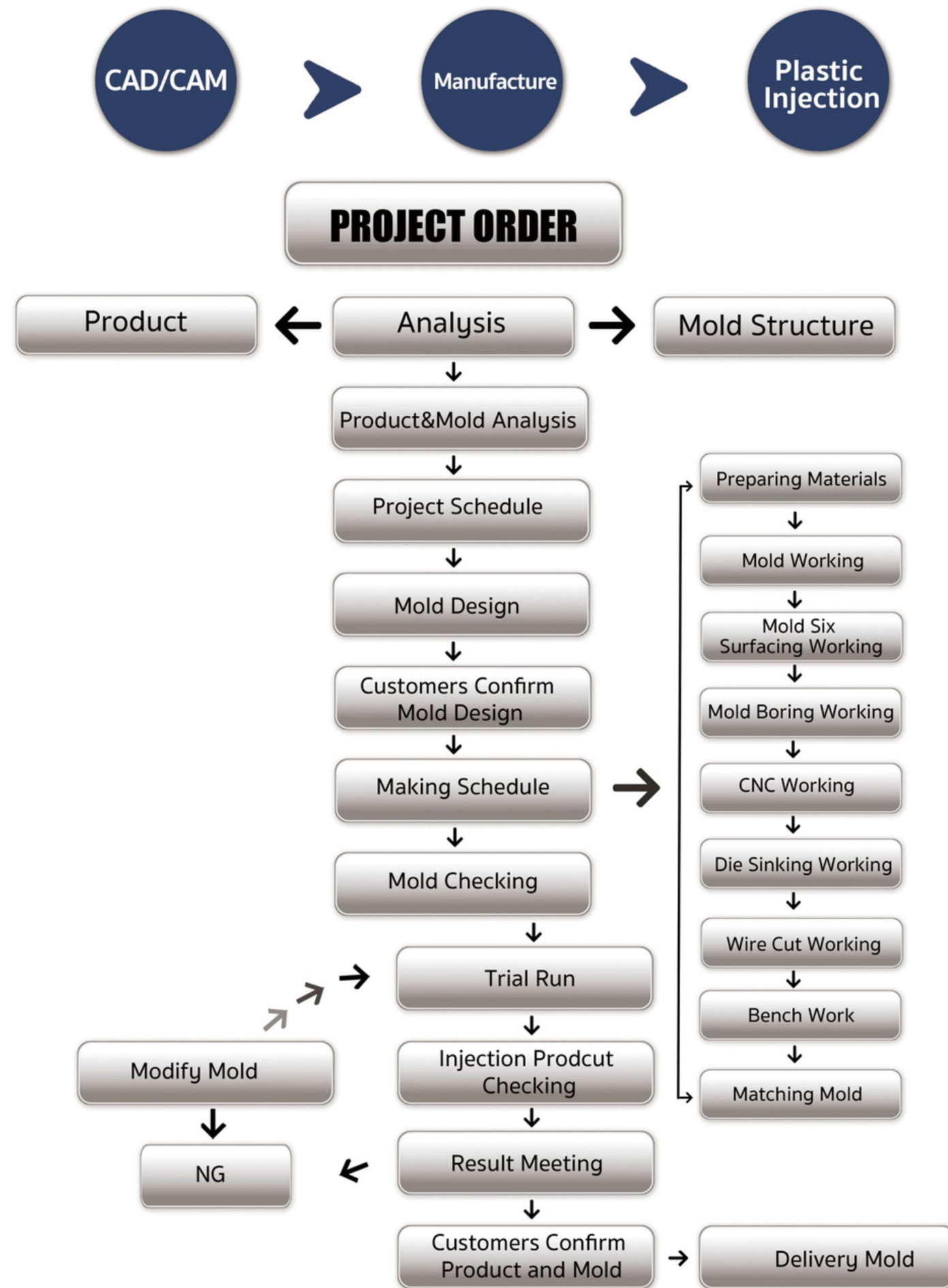


Our mold production process follows strict quality control standards by using high-grade materials to ensure exceptional mold longevity and performance. We utilize premium imported steel from Switzerland (ASGM-HH, SWST 2738HHMOD, AS136-VIP, ASPM-VIP) and Japan (PAC5000, S-STAR-A), known for their superior hardness and polishability.

In addition, we employ trusted domestic materials such as 718H, 738H, NAK80, PS136H, 139M, FDAC, and SKD61, which meet our high standards for durability and precision. By carefully selecting these premium materials, we maintain consistent quality and enhance the performance of our molds.



FOR LASTING DURABILITY



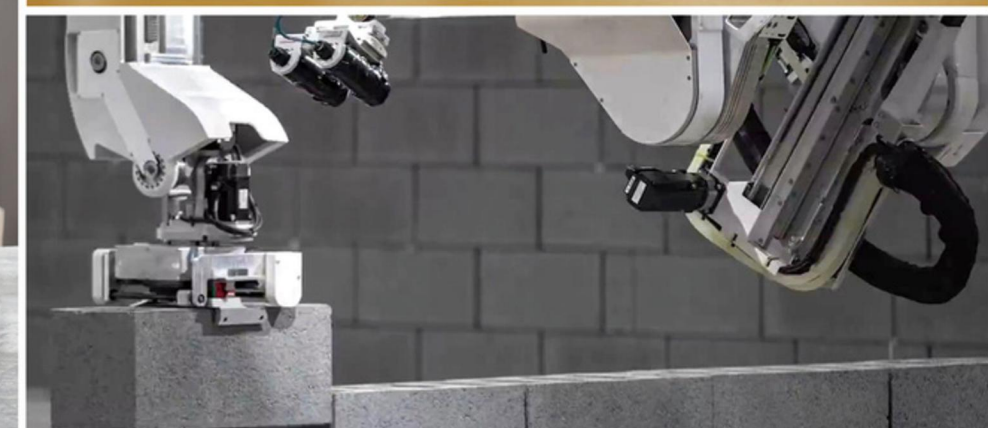
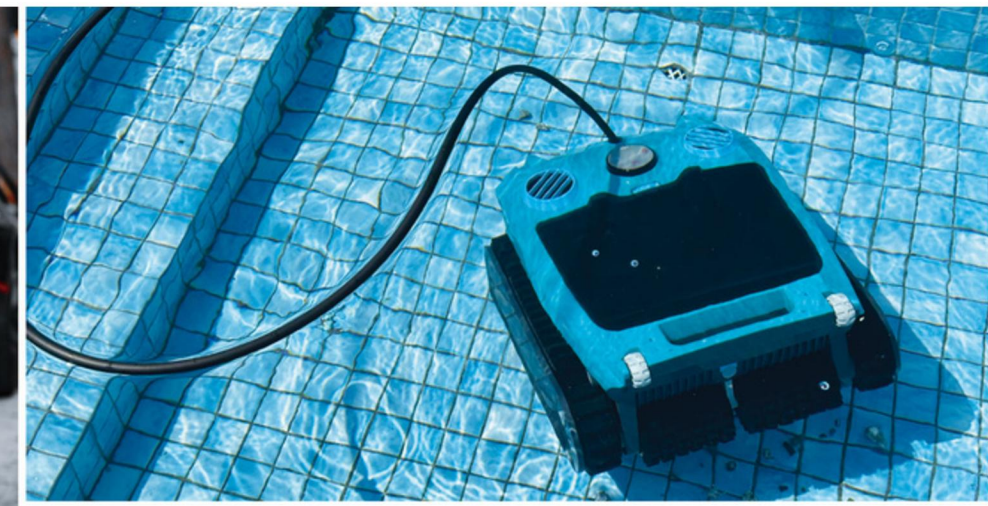
MOLD PRODUCTION PROCESS ENSURING QUALITY AT EVERY STEP

We follow a strict, standardized mold production process from design to after-sales service. Each step, from product design, prototype confirmation, mold making, to trial production and mass production, is carefully to top-quality results for our clients.

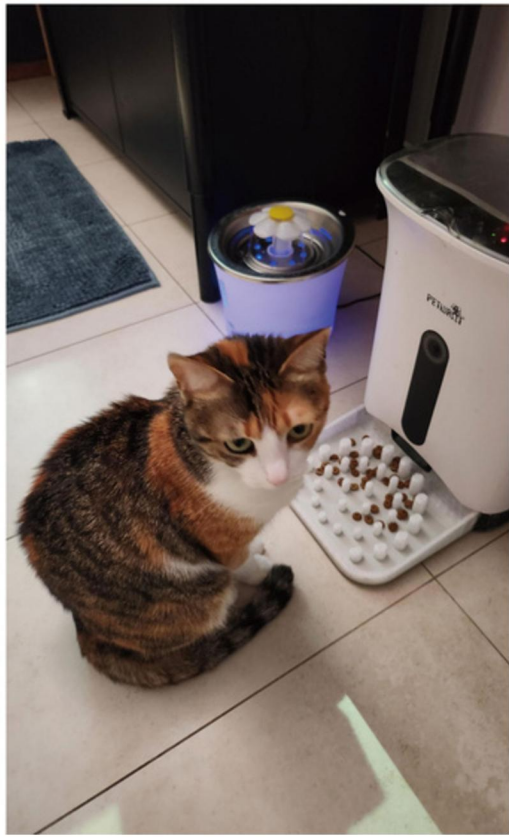
- SMART HOME: Enabling intelligent living solutions.
- ELECTRIC VEHICLE: Innovating EV component technologies.
- AGRICULTURE: Advancing modern farming equipment.
- CONSTRUCTION: Supporting durable infrastructure solutions.
- AUTOMOTIVE: Enhancing vehicle performance and safety.
- ELECTRONICS: Driving advanced technological innovations.
- MEDICAL: Ensuring precision in healthcare solutions.



INDUSTRIES WE SERVE







STORY OF MET MOULD

2011: THE BEGINNING OF A VISION

In 2011, driven by a passion for the industry and a clear vision, Mr. Huang Yongsan founded Dongguan Mingyu Electronics Technology Co., Ltd. (MET MOULD). Initially, the company focused on the research and manufacturing of plastic molds. With strict craftsmanship and exceptional quality, MET quickly gained recognition and established its presence in the industry.

GROWTH AND EXPANSION: FROM WORKSHOP TO 20,000 SQM FACTORY

As business grew, MET MOULD built a 20,000 sqm independent factory equipped with dedicated mold workshops and advanced machinery. Today, the company operates multiple injection molding machines, including a 1,400-ton model. Over 400 employees are supported with free, high-quality dormitories and canteen services.

FUTURE OUTLOOK: SHAPING INFINITE POSSIBILITIES

With its vast industry experience, strong technical expertise, and outstanding customer service, MET MOULD is poised to expand its footprint in the global market. Moving forward, the company will continue to embrace innovation and uphold its mission of "Precision Molding for a Smart Future," empowering customers to achieve greater success



PROFESSIONAL TEAM & ONE-STOP SERVICE

MET MOULD has a team of 35 experienced engineers providing full-service support — from product design and mold manufacturing to injection molding, packaging, and secondary processing. This full-service model has earned the trust of many global technology brands.

GLOBAL PARTNERSHIPS & MARKET PRESENCE

MET MOULD maintains long-term partnerships with brands like ANKER, SHARK, ROBOROCK, and DREAME. With over 1,000 molds and 10 million plastic parts produced annually, the company continues to grow steadily. It has also showcased its capabilities at major trade shows such as Plastimagen (Mexico) and K Show (Germany).

INNOVATION & CERTIFICATIONS

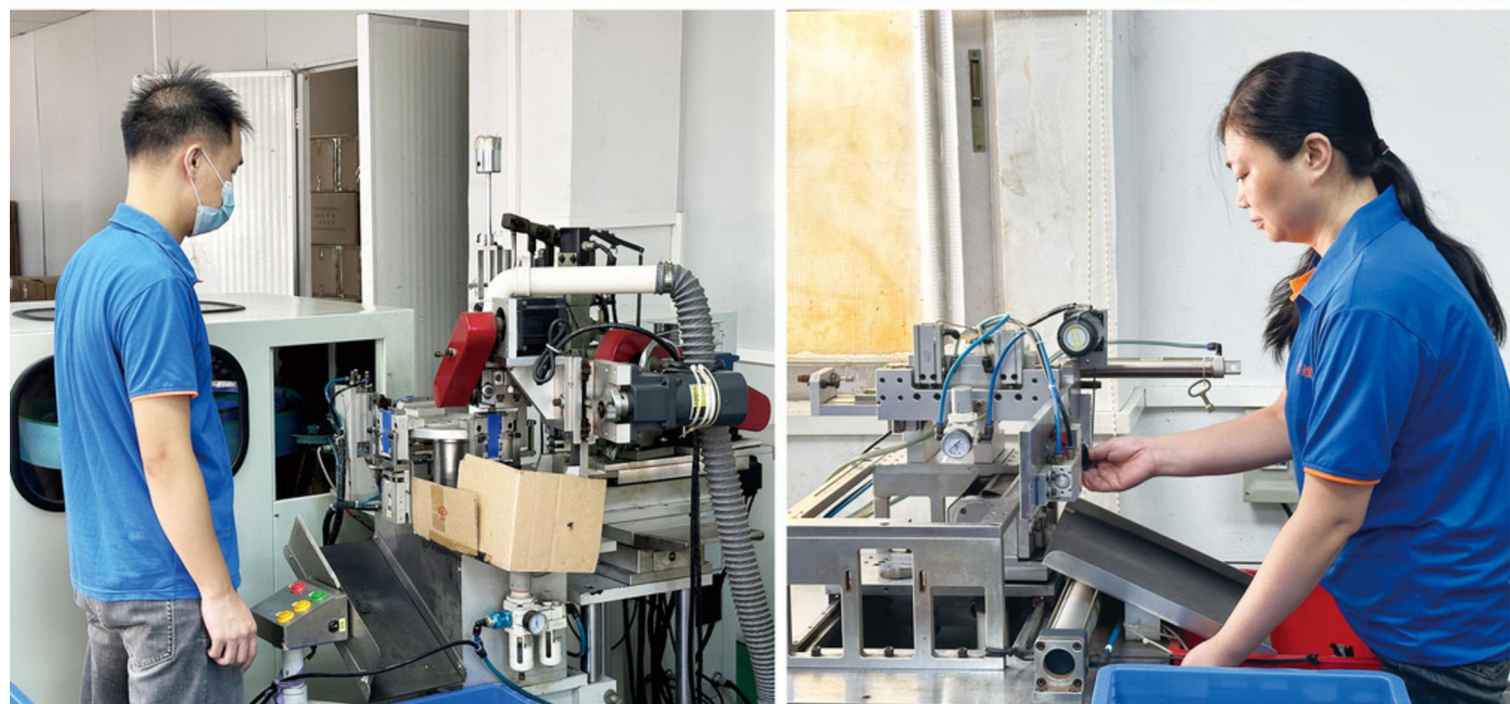
As a recognized high-tech enterprise in Guangdong, MET MOULD emphasizes innovation and quality. The company is certified with ISO 9001, ISO 14001, ISO 13485, and IATF 16949 ensuring top-level manufacturing standards.

CORPORATE CULTURE & INCLUSIVENESS

MET MOULD fosters a strong, inclusive culture and is committed to being a women-friendly workplace, offering equal opportunities for all. Its slogan, "Precision Molding for a Smart Future," reflects its dedication to quality and progress.

OUR
TEAM







**MAIN
PARTNERS**



CASES

