

TEYI 特藝工業
INDUSTRIAL

TEYI INDUSTRIAL

ZHUHAI TECHNIQUE PLASTIC CONTAINER FACTORY CO., LTD

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01

COMPANY PROFILE





ABOUT TEYI

Zhuhai Teyi founded in 1994 in Zhuhai, Guangdong, is a professional manufacturer deeply engaged in daily - use plastic products, outdoor drinkware, and reusable containers. With high - quality offerings, it has gained strong recognition in both domestic and international consumer goods and daily chemical packaging markets.



IN THE INDUSTRY

31 years

BUILDING AREA

40000 m²

EMPLOYEES

200+

After over 30 years of steady growth, our scale has continuously expanded. Currently, we own 30,000 m² of land and over 40,000 m² of factory facilities. Our professional team of more than 200 employees specializes in developing high - end non - disposable plastic products, including household plastic daily necessities, kitchenware, plastic food containers, premium sports water bottles, and outdoor items.

02

CORE ADVANTAGES



CORE ADVANTAGES

As a leading plastic product manufacturer, we deliver high-quality solutions backed by comprehensive certifications and advanced production capabilities. We hold international authoritative certifications including QS, ISO9001, ISO22000, HACCP and SEDEX, and have been named a "High-Tech Enterprise", ensuring our products meet international standards for quality, safety and environmental protection.

In production, we have 40 injection molding machines (including two-color models) with a daily output of 500,000 pieces on average; 9 injection stretch blow molding systems (including Aoki one-step process) for 100mL-3L containers; and 9 extrusion blow molding machines (supporting double-layer and overmolding) with single-machine daily capacity up to 30,000 pieces, covering 150mL-10L product needs. Our efficient, flexible manufacturing meets global market standards.

● Production Capacity

Full molding and post-processing are completed in-house, with an annual processing capacity of 3,000 tons.

● Technical & Processes

1&2 - step injection stretch blow / extrusion blow / injection molding
Assembly, silk - screen printing, pad printing, heat transfer printing, ultrasonic, laser welding & perforation, etc.

● Material Specialties

PCT-G (Tritan/Ecozen) PP LLD/LD/HD-PE ABS TPE PETG PET, etc.



03

FACTORY DISPLAY



// FACTORY DISPLAY



Production Building

- * Equipped with an intelligent production building featuring high - automation operation
- * A research building focusing on technology R & D and quality inspection
- * A quality center strictly controlling product standards
- * A warehousing building with efficient management
- * An office building integrating administration and operation, comprehensively guaranteeing production activities

-
- 1 & 2 - step injection stretch blow molding (electric/with in - mold labeling, including Aoki)
 - Extrusion blow molding (electric/double - layer/with in - mold labeling, screw diameter \varnothing 55 - 90)
 - Injection molding (electric/dual - color/vertical and horizontal, tonnage 160 - 400t)
 - Focus on PCT - G (Tritan/Ecozen), all types of PE, ABS, TPE, PETG, PET, etc.
 - Integrated multi - process assembly workshop (assembly/silk screen printing/pad printing/heat transfer printing/gilding/ultrasonic welding/laser welding and perforating/drip molding/heat shrinkable film, etc.)
 - Annual production capacity exceeding 3000 tons



// PRODUCTION WORKSHOP - Injection Molding

The injection molding process is equipped with 40 high - performance machines (160 - 400T), fully covering horizontal /vertical single - color and dual - color molding processes. It adopts equipment from internationally renowned brands such as Toshiba (fully imported electric), Haitian, and Yizumi. A 1:1 robot automation configuration is realized to ensure the precise molding requirements of diversified products. Meanwhile, the whole workshop has central water supply/power supply/material feeding, and gas collection.



- Vertical Injection Molding Machine



- 250T Dual - Color Machine * 8



- Injection Molding with Central Material Feeding System (Raw materials are separated from the production site)

The extrusion blow molding system is equipped with 9 sets of professional equipment. The equipment configuration covers a screw diameter range of \varnothing 55 - 90mm, and can produce single - layer/double - layer products with a capacity specification of 150mL - 10L. It supports flexible adjustment of production capacity planning according to customer needs. All equipment is equipped with labeling robots to meet customers' highly personalized needs.



● Overview of EBM Equipment



● Electric Double - layer EBM Equipment



● EBM and Labeling Equipment

PRODUCTION WORKSHOP - Injection Stretch Blow Molding

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The injection stretch blow molding production workshop is equipped with internationally leading Aoki one - step, Jiasu one - step, and fully automatic two - step molding systems, along with high - precision robotic arms. It specializes in producing medical - grade and food - grade high - end plastic containers with a capacity range of 100mL - 3L.



● Aoki Electric One - Step Process



● Jiasu Electric One - Step Process



● Injection Stretch Blow Two - Step Process,
Equipped with Electric Injection Molding
Machines and Six - Axis Robots

PRODUCTION WORKSHOP - Multi - Process Assembly Workshop

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● Silk Screen Printing



● Pad Printing



● Heat Transfer Printing



● Digital Printing



● Steam Heat Shrinkable Film
Production Line



● Air - Conditioned Clean Workshop

// PRODUCTION WORKSHOP - Multi - Process Assembly Workshop

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● General Assembly



● Vacuum Assembly



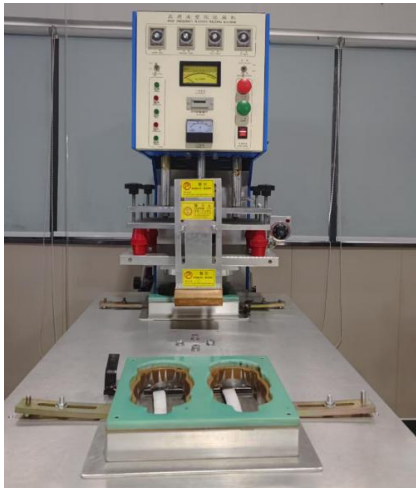
● Automatic Packing



● Automatic Glue Dispensing



● Laser Marking



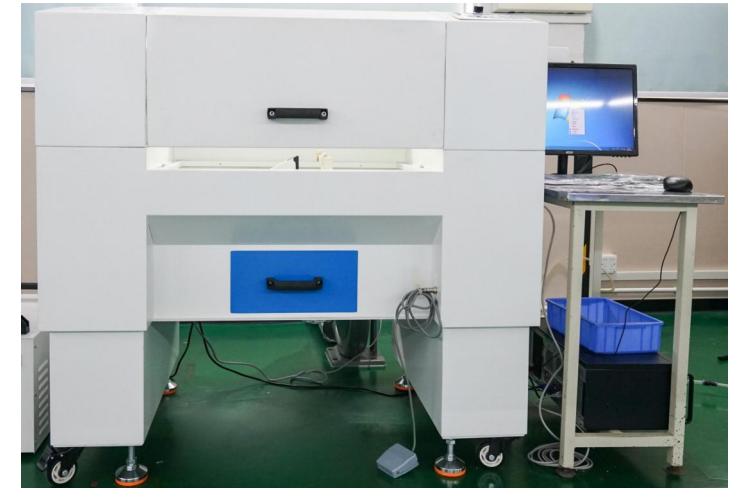
● High - Frequency Welding



● Ultrasonic Welding



● Laser Welding



● Laser Drilling Machine

// FACTORY DISPLAY



R & D Building

In the early stage, the R & D department assists customers in evaluating and improving product structures. In the mid - stage, it implements product quality and technical standards, designs molds, and arranges for mold implementation. In the later stage, it conducts mold tests and product trials, and finally enables the product to be launched.

TEYI INDUSTRIAL implements a full - process quality control system:

- Overall Process Quality Planning (APQP) from R & D to mass production
- Strict implementation of IQC/IPQC/OQC three - level inspection mechanism
- SPC statistical control for key processes, with data - driven continuous improvement (PDCA)
- Closed - loop customer feedback handling, targeting a customer satisfaction rate of $\geq 98\%$





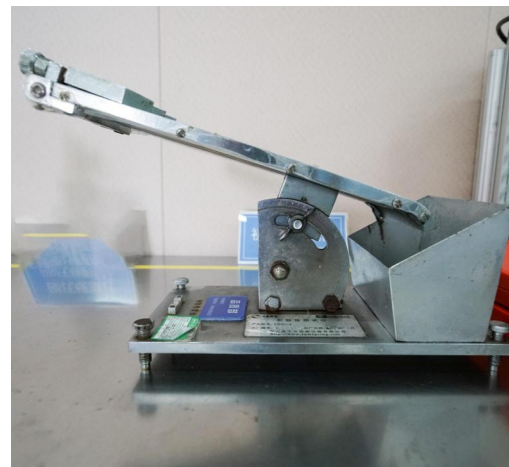
In line with the process requirements of the ISO9001 and QS quality systems, we participate in product quality planning from the start of R & D. This involvement runs through the entire product realization process, including new product evaluation, mold testing, trial production, and mass production, to identify risk points at each stage of the product.



● Moisture Tester



● Dew Point Tester



● Initial Adhesion Tester



● Melt Flow Rate Tester



● Salt Spray Test Chamber

R & D BUILDING - Testing Instruments (Partial Display)

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● Gauss Meter



● OGP 2D Measuring System



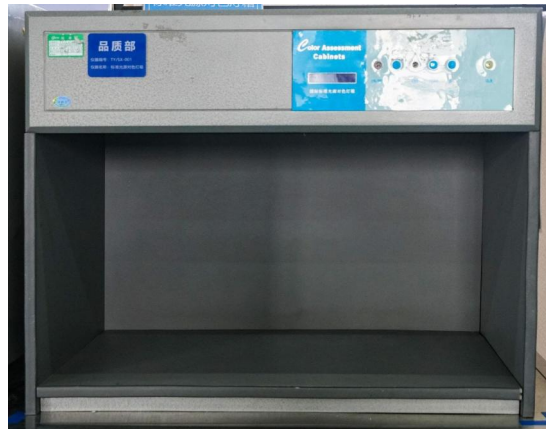
● Electric Hot Air Drying Oven



● Programmable Temperature - Humidity Aging Chamber



● Olympus Portable Thickness Gauge



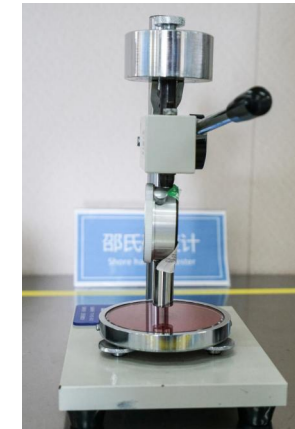
● Standard Light Source Color Matching Cabinet



● Drop and Dishwasher Testing Area



● Push - Pull Force Tester



● Shore Hardness Tester



● Torque Tester

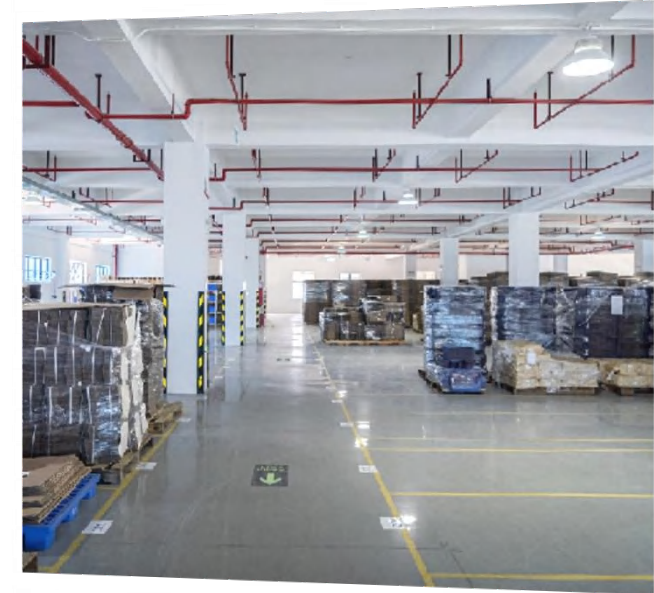
The warehouse is equipped with a modern intelligent warehousing system and adopts a partitioned and specialized management mode to realize the scientific and intelligent management of materials throughout the entire process.



● Semi - finished Product Warehouse



● Finished Product Warehouse



● Packaging Material Warehouse

// OFFICE BUILDING

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04

PROCESS DISPLAY





PROCESS DISPLAY (Finished products)

TEYI INDUSTRIAL masters a comprehensive plastic molding and post-processing technology system. The product processes cover all the above-mentioned processes, and it is equipped with complete surface treatment and assembly capabilities, achieving full-process manufacturing coverage from basic molding to high-end processing.

● Core Molding Processes:

Cover advanced molding technologies such as single/dual-color injection molding, extrusion blow molding (including in-mold labeling), and one-step/two-step injection stretch blow molding.

● Post-Processing Capabilities:

Full-process surface treatment and assembly processes including surface treatment (silk screen printing/heat transfer printing/pad printing/gilding/spray painting/electroplating), welding (ultrasonic/laser), marking (laser coding/coating), filling (dispensing/vacuum assembly/foaming), and assembly (vacuum shrinking/dispensing/labeling/heat shrinking/hole punching).

// PROCESS DISPLAY

It covers single-color/dual-color precision injection molding technology, and is supported by high-end surface treatment solutions, including:

Surface Treatment Processes: Mold texturing, Silk screen printing (precision: $\pm 0.1\text{mm}$), Heat transfer printing (full circumferential), Hot stamping (metallic texture imitation), Spray painting

Molding Processes: Single/dual-color precision injection molding, One-step/two-step injection stretch blow molding, Foam filling, Vacuum assembly



More surface treatment processes:

Physical vapor deposition , Electorplating, digital printing, overmolding of soft and hard materials, glitter decoration, etc.



05

COOPERATIVE PARTNERS



COOPERATIVE PARTNER (partial)





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THANK YOU

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