

# 塑懋機械有限公司

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## 企業沿革

2001 年 塑懋機械有限公司成立  
研發《一步法塑膠射出吹瓶機械》，專門生產高品質生技醫藥包裝容器  
2008 年 研發《四工位射出吹氣成型機》，專為化妝品容器設計。  
2010 年 通過《德國 TUV 歐盟 CE 合格認證》、  
獲得台北國際塑橡膠工業展 (Taipei PLAS)  
研究發展創新產品獎  
2011 年 研發《三站式射出延伸吹氣成型機》，專門生產日化系列容器  
2013 年 遷入現址  
2015 年 研發《複合式多層射出吹氣成型機》，並取得中華民國及大陸專利書  
2017 年 取得日本專利《複合式多層射出吹氣成型機》  
2022 年 獲得台北國際塑橡膠工業展 (Taipei PLAS) 研究發展創新產品獎  
2023 年 獲得中華民國國際工商經營研究社聯合會  
創新競賽 第二名  
2024 年 研發《多功複合射出吹瓶機》，並獲得中華民國及大陸專利證書

2025 年 榮獲第 31 屆中區傑出行銷經理人獎

榮獲第 24 屆臺中市金手獎

榮獲第 28 屆小巨人獎

榮獲第 32 屆中小企業創新研究獎

## 主要產品

- ① 一步法塑膠射出吹瓶機
- ② 複合式多層射出吹氣成型機
- ③ 多功複合射出吹瓶機

## 企業簡介

塑懋機械於 2001 年在台中市成立，專注於『一步法塑膠射出吹瓶機械』的研發與製造。透過機構創新、模具創新及成型技術的整合、優化低碳的製程，從設計到成型，提供一站式高效解決方案，協助客戶實現高附加價值產品，搶佔國際市場先機。

成立 24 年期間研發 6 大系列機型，應用於生技醫藥容器、化妝品容器、家用日化容器的產業，主要銷售

業務以外銷出口為主。

隨著 ESG 浪潮興起，於 2024 年發表業界首創 3 種成型 All-in ONE 機型【多功複合射出吹瓶機】，更具高效能、低碳率、智慧化特性，協助客戶導入高效、低碳、智能化製造，成為國際知名品牌綠色供應鏈與提升永續競爭力，實現綠色生產邁向淨零碳排目標。

## 出口實績及國際競爭力

近三年出口總額 占總營收 85%，主要出口地區為中國大陸、日本、及波蘭市場。透過市場分析及行銷策略達成，近 3 年業績成長平均達 38%。

塑懋提供客戶一站式成型設備及技術服務。主要的客戶多為國際知名品牌指定生產供應商，提升了塑懋的品牌價值，不僅彰顯了對我司在技術與品質上的卓越表現，更鞏固了其在化妝品及醫藥包材市場的領導地位。未來，我司團隊將積極拓展全球市場，打入國際一線品牌的全球供應鏈，進一步擴大市場占有率與品牌影響力。

## 營運管理與績效

- ① 以成為「高端塑膠容器設備領航者」為願景，整合研發、生產、行銷與服務四大環節。
- ② 建立 PDCA 管理與 KPI 制度，強化數據決策能力與部門協同效率。
- ③ 導入數位化資訊管理系統，提升團隊更有效率管理。

## 永續經營

- ① 知識管理：導入 KM 系統與技術資料庫，促進跨部門知識共享與再利用。
- ② 技術傳承：建立標準化流程與改善專案，制度化研發創新。
- ③ 人才培育：建立新進人員培訓課程、提供中高階主管外訓及認證課程、參與「小人提」專案，提升員工職能與持續精進。
- ④ 產學合作：與中興大學合作實習計劃，提供在學學生實習機會及實地參訪，促進產學接軌及培育專業人才。

## 綜合評語

1. 化妝品包裝容器及醫藥包裝容器內層 PET、外層 rPET、雙射成型等產品具有特色，技術門檻高，並協助客戶導入高效、低碳、智能化的製程。
2. 專注於一步法塑膠吹瓶機械，提供設備、模具及成型參數一站式交付服務，具特色，以客戶價值導向。
3. 員工產值高，小而精，小而美，團隊職員工向心力強。



# SUMA PLASTIC MACHINERY CO., LTD.

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## History

- 2001 SUMA founded; developed the "One-Step Injection Blow Molding Machinery" for high-quality biotech and pharmaceutical bottles.
- 2008 Developed the "4-Station Injection Blow Molding Machinery" for premium cosmetic bottles.
- 2010 Passed Germany TUV EU CE certification; Won Taipei PLAS Innovation Award.
- 2011 Developed the "Injection Stretch Blow Molding Machinery" for personal care bottles.
- 2013 Relocated to current facility; received Poland PLASTPOL 2013 Innovation Competition Award.
- 2015 Developed "IBM-2K Machinery (for 2 layer color bottle)".
- 2017 Obtaining patents in Taiwan, China, and Japan.
- 2022 Won Taipei PLAS Innovation Award; All models renewed CE Certificate Of Conformity.
- 2023 Awarded in Taiwan International Management Council Innovation Competition Award.

2024 Developed the "Multifunctional Injection Blow Molding Machinery"; Awarded patents in Taiwan and China.

2025 31st Taiwan Manager Excellent Award, 24th Taiwan Golden Hand Award, 28th Taiwan Rising Star Award, 32nd Taiwan SMEs Innovation Award.

## Business Items

- ① One-Step Injection Blow Molding Machinery
- ② IBM-2K Machinery (for 2 layer color bottle)
- ③ Multifunctional Injection Blow Molding Machinery

## Introduction

Founded in 2001 in Taichung, SUMA Plastic Machinery Co., Ltd focuses on the development and manufacturing

of One-Step Injection Blow Molding Machinery. By integrating mechanical innovation, mold design, and molding technology, SUMA optimizes low-carbon manufacturing processes and provides one-stop molding solutions.

Over the past 24 years, SUMA has developed six major machine series, serving biotech and pharmaceutical bottles, cosmetic packaging, and household and personal care bottles, with exports as its main source of revenue.

In 2024, SUMA launched the industry-first Multifunctional Injection Blow Molding Machinery with three all-in-one molding modes, featuring high efficiency, low carbon emissions, and smart automation. This innovation helps clients adopt energy-saving, low-carbon, and intelligent production processes, supporting international brands in building sustainable supply chains and achieving net-zero carbon targets.

## Sustainable Management

- ① Knowledge Management: Implement KM systems and technical databases to promote cross-department knowledge sharing and reuse.
- ② Technical Transfer: Standardize processes and internal improvement projects to institutionalize R&D innovation.
- ③ Provide new employee training, executive external courses and certifications, and participate in the "Multi-beneficiary Vocational Training Program" to enhance employees' skills.
- ④ Industry-Academia Collaboration: Cooperate with National Chung Hsing University for internship programs, providing students with practical experience and industry exposure, nurturing future professionals.



## Export Competitiveness

Over the past three years, exports have accounted for 85% of total revenue, with key markets including China, Japan, and Poland. Average annual revenue growth over the past three years reached 38%.

SUMA's integrated capabilities in mechanical innovation, mold design, and molding technology enable one-stop solutions for clients. Key customers include internationally recognized brands, enhancing SUMA's brand value and solidifying its leadership in cosmetic and pharmaceutical packaging markets. The company plans to further expand into global supply chains, increasing market share and brand influence.

## Operation Performance Management

- ① Vision & Strategy: To become a "Leader in High-End Plastic Bottle Equipment" by integrating R&D, production, marketing, and service.
- ② Management Systems: Implement the PDCA cycle and KPI system to enhance data-driven decision-making and cross-department efficiency.
- ③ Digital Transformation: Deploy ERP, PDM, KM, CRM, and project management systems to integrate client, talent, R&D, production, and financial data, enabling transparent and data-driven operations.

