



求新求變 塑膠用品龍頭業者 再創活力獲佳績

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主要產品

- 一、化妝品／乳液及功能性押頭
- 三、PET / PE 瓶及 PET 瓶胚
- 五、客製化模具

- 二、清潔／美髮噴槍
- 四、各式瓶蓋

自我期許大使命 集力湧泉獲成長

1991 年成立的集泉，草創之初只擁有個位數的員工，至今已達到台灣及海外員工人數超過 300 人、廠房面積成長至 18,000 平方米的規模。二十年的歲月，奠定了今日集泉的基礎；隨著時空演進與市場需求導向，不斷開發新產品以「滿足客戶的需求及賺取公司的價值成長」，是集泉公司堅持努力不懈的使命。集泉公司為了回饋各界賢達與客戶的支持，自我期許做好傳承的工作，精益求精，未來希望在集泉全體同仁齊心協力的努力中，實現「集力湧泉」的願景，以源源不停的活力，經營發展與幸福成長。

營運歷程：塑膠工業的昨日，民生用品的未來

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|---------------------------|--|
| 1991 成立集泉塑膠工業(股)公司。 | 2003 通過 ISO 9001 認證。獲得經濟部工業局協助傳統工業發展計畫 A+ 評鑑。 |
| 1992 註冊登記。 | |
| 1993 開發第一支 3.5cc 乳液押頭。 | 2007 越南廠正式成立並生產運作。 |
| 1994 開發第一代噴槍。 | 2008 開發磨砂用押頭。 |
| 1999 成立 PET 部門。 | 2010 開發糖漿用押頭。 |
| 2000 通過 ISO9002 認證。 | 2011 遷至新廠台中市霧峰區 |
| 2002 成立 Aeco-Pack 於美國洛杉磯。 | 2012 通過 ISO 14001 2004 年版認證
通過 ISO 22000 / HACCP 年版認證 |

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Business Items

- I. Cosmetic/cream and functional pumps
- II. Cleaning/Trigger Sprayers
- III. PET/PE bottle and PET preforms
- IV. Various caps
- V. Custom-made molds



Company Introduction

1991 Living Fountain Plastic Industrial Co., Ltd. was established

1992 Registered

1993 The first 3.5cc Dispenser Pump was developed

1994 Trigger Sprayer of the first generation was developed.

1999 PET Department was established

2000 Obtained ISO9002 certificate

2002 Aeco-Pack Corporation was set up in Los Angeles, U.S.A

2003 Obtained ISO 9001 certificate

Conventional Industry Technology A + Award honored by the Industrial Development Bureau, Taiwan

2007 Vietnam factory was officially established and put into operation

2008 Pumice Pump was developed.

2010 Food Grade Pump was developed for syrup

2011 Was moved to new factory in Wufeng District, Taichung City

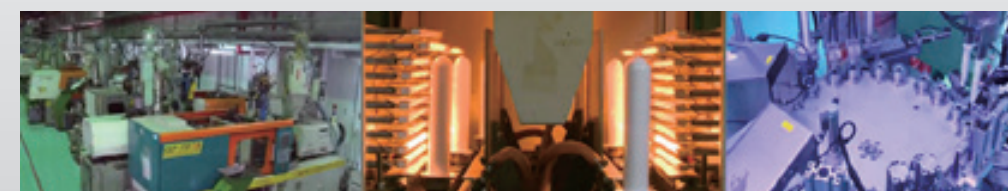
2012 Obtained ISO 14001 2004 certificate

Obtained ISO 22000 / HACCP certificate

2013 Obtained CITD auxiliary project (plastic cap with temper resistant ring)

Introduced TIPS Patent Intelligent Property Management System

Production Line





國際競爭力：知名品牌採用 光芒指日可待

集泉公司的目標是全球市場，目前每年營業額約 5 億，其中內銷約占 54%，外銷約占 46%。為了提供全球客戶多重選擇及更優質的服務，除了在台灣深耕外，也拓展北美市場；於 2002 年前往美國洛杉磯成立辦事處，以加強美洲地區的服務。此外，於 2007 年在越南新加坡工業區設立工廠，更是突破了東協會員國貿易關稅屏障，難能可貴。

在提供客戶全方位的產品服務方面，集泉公司除了自身的包材外，也協助提供客戶其他相關的服務，讓客戶的需求可具體的在集泉完成，提高客戶對集泉的滿意度與信任度。以嚴謹的品質控管，包括：產品及零件必須分別通過拉力測試、扭力測試、抽真空測試、耐候測試、耐疲乏測試、鹽霧測試等，確實依照 ISO 程序書執行品管，使得集泉的生產品質不斷提升。

而集泉也透過刊登國際包材期刊及參與大型國際性的展覽活動，提供專業的公司網站，讓國際客戶能深入了解集泉，因此成功打進了美國麥當勞、德國施巴 -Seba、日本高絲 -Kose、越南 Unza 等全球知名企業，獲得了國際市場的採用。目前，公司的業務同仁隨時與客戶保持密切聯繫，期望能直接聽到客戶的聲音、了解客戶的需求，持續改進缺失，不斷的自我學習和創新。

為了符合時代需求，現今規畫將朝生技產業需求作發展；初期將以漱口水及生機飲品包材為切入產品，研發「新型排除防盜撕斷緣傷害之安全瓶蓋構造及瓶身」，此部分已取得台灣及美國專利，並得到今年 CITD 專案補助；集合眾人創造成功的集泉，將是最指日可待的明日之星。



核心管理：效率、成長 共創共享

在公司治理方面，由集泉公司董事長帶領業務、研發、管理三大部門，業務部門有國內國外、北美公司以及越南分公司；研發部門有模具、3D 製圖、及自動控制。管理部則以生產、財務、資材為主軸；運作上以 ERP 從顧客端到供應商端做完整接軌；品質上以 ISO 程序書做為執行規範。

至於企業創新及研發策略上，集泉公司運用 NAS 磁碟陣列管理圖檔，研發作業以創新設計為主軸，重要研發案搭配了研發記錄簿的詳實記錄，運用 Auto Cad、Solid Work、Pro E 等軟體設計，以及引進 CNC 自動車床及電腦放電機提高了製模精度及效率。近日並導入 TIPS 智財管理來深化專利佈局。

最重要的生產與作業管理方面，生產管理從 5S 著手，品質管理則隨著 ISO 的演進，亦不斷更新、持續改進。除確保作業流程完整性及品質的可靠性，從套裝進銷存轉換為 ERP 全面性的資訊傳遞，因而提高了供料排程及交貨的效率。

另外，在財務管理績效上，二十年來公司穩健經營，營業額從每年數百萬元成長到目前約五億，資本額亦從原先的三百萬成長到目前的六千八百萬。未來的展望方面，期望邁向目前的生技產業主流，使集泉公司不斷創新求變，符合時代要求，讓公司持續發展，達成「主動溝通，勇敢擔當，創享三贏」。

Export Competitiveness

Our target is the global market. Currently our annual turnover is 500 million NTD, of which domestic sales account for about 54%, and export sales accounts for about 46%.

In order to provide global customers with multiple choices and high-class services besides Taiwan Company, we set up an office in Los Angeles, U.S.A to enhance our service for our America region. In addition, in 2007 we established a factory in Vietnam in order to eliminate the trade tariff restriction for ASEAN Member States.

I. Provide customers with all-around product service

In addition to our own packing materials, we also provide customers with other relevant services so that customers' product requirements can be fulfilled in Living Fountain and company credibility are enhanced.

II. Strict quality control

Products and components must pass such tests as tensile test, torsion test, vacuum test, weather-proof test, fatigue resistant test, and salt spray test. Quality control is carried out according to ISO procedures.

III. We publishing articles in international packing material periodicals and large-scale international exhibitions, and we also established a professional company website so that international customers can thoroughly understand our products and services. Therefore, our products are accepted and used USA's McDonalds, Germany's Seba, Japan's Kose, Vietnam's Unza, etc.

IV. Our sales staff team keep close contact with customer at all times in order to be cognizant of customers' needs. By understanding customer demands, we continuously conduct self-evaluations and make strides in innovation.

V. In order to continue as a pace setter in our market, we plan to develop towards production and technology industry.

We will use mouthwash and energy drink packing materials as the entry point products to develop "new type caps and bottles with temper resistant ring", which have already obtained both Taiwan, and USA Patents, and have earned the CITD's commendation of the year.

Operation management

I. Company governance:

Our president leads our sales department, R&D department and administrative department. Our sales department includes Taiwan, branches in North America and Vietnam; R&D department has a mold section, a 3D drawing section and an automatic control section. The administrative department consists of production sections, a finance section, a materials and equipment section. We use ERP to make a complete connection from customers to suppliers; we use ISO procedures to control quality.

II. Innovation and R&D strategy of company:

Our company use NAS disk arrays to manage image files. R&D uses innovative design as the basis of operations. Important R&D cases are recorded in R&D record books. Design software like Auto Cad, Solid Work and Pro E are used. CNC automatic lathes and computer EDMs are introduced to enhance molding precision and efficiency. In recent days, we have introduced TIPS intelligent management to protect innovation and intellectual property rights.





專業生產 成功經營

集泉公司為專業生產乳液押頭、噴槍的工廠。1998 年時因客戶要求為取代 PVC 製瓶開始生產 PET 瓶器，也讓公司的產品線更完整。在全球市場競爭的壓力下，集泉深知被動的開發已經不能滿足客戶，因此集泉公司特別重視研發的能力，從設計、製圖、開模到生產，全部親自實行；每年大約提撥營業額的 2% 為創新開發的費用，歷年下來，集泉公司已生產出近千種產品供客戶選擇，擁有了 60 項的專利。

除了產品的創新，集泉公司也不斷針對生產的環境做要求。於 2012 年將清淨室的概念用於生產線上，使得集泉公司的產品從清潔類包材進步到食品包材工廠。另外，集泉特別重視人性的管理，視員工為公司的寶貴資產，協助員工技能的提升與成長，並協助在其職位發揮個人長才。公司陸續配合管理顧問公司作一系列的廠內教育訓練課程，依個別本職需求，由員工自行申請參加中國生產力、工業局等在職訓練課程，也鼓勵員工工作短期的留職停薪出國深造。為了照顧結婚生子的員工，更制定生育獎勵金及育嬰津貼來幫助員工養育新生兒。

值得一提的是，集泉追求企業合理利潤的同時，更積極參與社會公益活動，包括：2004 年起贊助伊甸基金會迄今；2009 年透過慈濟樂捐二十萬予八八水災小林村事件之受災戶；2010 年捐贈新台幣十萬元予因公受傷之消防人員，另亦贊助橡塑機協會親子公益活動。學術方面也提供了朝陽科大獎助學金鼓勵學生創新設計與暑假期間工廠實習。多元的回饋，是企業帶動社會活力的最佳示範。



得獎綜合評語

- 一、公司主要營業項目為生產各式容器及噴槍，外銷市場以日本、泰國、美國、澳洲、加拿大為主，尤以日本每年外銷比例均達 17% 以上，顯示產品具有外銷競爭力。
- 二、公司擁有多項國內外專利，且注重智財權長期規劃，並申請經濟部 TIPS 認證，強化產品保護防禦及未來布局收益，在設計繪圖、模具開發、組立機設計等，皆可快速因應客戶差異化需求。
- 三、注重產品開發及自動化生產，有效減少人工生產成本及提高產品品質，並通過 ISO 9001、14001、22000 及 HACCP 多項認證，亦跨足生化醫療產業，擁有相當的競爭優勢。
- 四、提供員工入股，在教育訓練上亦有良好制度規範，女性中高階主管比率超過 70%，營造出兩性平等的工作環境，亦善盡社會責任積極參與公益活動及捐款。

III. Production and operation management:

Production management starts with 5S. Quality control varies with our ISO certificate evidences our continual improvement in quality. In addition to that the completeness of operation procedures and quality assurance, we change the purchase-sale-stock system to an ERP system to carry out comprehensive information transfers so as to enhance feeding schedules and “of goods” delivery efficiency. We arrange inside and outside education and training, and actively encourage employees to receive on-the-job education.

IV. Financial management performance:

For more than 20 years, our company has grown steadily, and our turnover has grown to about 500 million NTD per year. Our capital also has grown from 3 million to 68 million NTD.

V. Future prospects:

Only by continuous innovation and improvement, can our company develop continuously. “Actively Communicate, Bravely Take Responsibility, Share Triple-Win” constitute our operation philosophy aiming vigorous growth.

Enterprise Characteristics

- I. Living Fountain is a factory professionally producing dispenser pumps and trigger sprayers. In order to respond to customer requirements, we started to produce PET bottles instead of PVC bottles in 1998, which make our production line more complete.
- II. Under the pressure of global market competition, Living Fountain knows that passive development already cannot meet customers' needs. Therefore, Living Fountain attributes especially importance to research and development. From design, and drawing to molding and production, Living Fountain executes these with expertise and care. Each year, we allocate 2% of turnover for the cost of new development. Over the years, Living Fountain has produced approximately 1,000 products and obtained 60 patents.
- III. Besides product innovation, our company also continuously carries out environmental protection and improvements. In 2012, we used the concept of “clean room” in our production lines so that we advanced from a cleaning type packing materials factory to food class packing materials factory.
- IV. We treat our employees as our valuable assets, help them to improve their skills, and help them to give full play to their professional knowledge. Our company also offers a series of in-factory educational and training programs along with consultant firms. According to the individual needs, employees voluntarily apply for training programs at the China Productivity Center and Industrial Development Bureau. We also encourage employees to further study abroad through short-term leaves. In addition, in order to take care of employees who get married or give birth to babies, we formulated birth-giving bonuses and infant care allowances to help employees during the child rearing years.
- V. While pursuing reasonable profit, our company actively participates in social activities for public good. Since 2004, we have started to sponsor the Eden Social Welfare Foundation; in 2009, we donated NTD 200,000 to victims suffering from the 88 Flood; in 2010, we donated NTD 100,000 to firefighters injured at work, and sponsored the Parent-Child Camping of the Rubber and Plastic Association. We provide the Chaoyang University of Technology with student subsidies to encourage students to make innovative design, and also provide students with free internship in summer vacation.