



Support to Customer
成就客戶



Innovation to Success
創新為要



Total Quality Control
全面品質



Valued Employee
重視員工



Think Green
綠色思維



Company Culture 鑫野文化

KING'S Solution Corp. was founded in 2016 by KING'S Machinery & Engineering Corp., which has been dedicated in injection molding solutions for over 30 years. We have the experience of making over thousands of sets of customized injection molding machines with automation and turn-key solutions. Our team specializes in self-developed automation construction, pneumatic & hydraulic equipment, servo control, AOI, and IPC programming.

We are committed to manufacturing smart machines as the front line of Industry 4.0.

With reliable, sustainable and innovative system application, KING'S Solution Corp is the Best partner to help customers stand out as the leader in the market.

鑫野智動工業股份有限公司，成立於2016年，由擁有33年專用射出機歷史的鑫興機械工業股份有限公司投資成立，以超過1,000台射出專用機及自動化整廠規劃經驗，結合自主開發的自動化機構、空油壓、伺服控制、視覺檢測以及工業電腦編程的強大工程能力，投入工業4.0所需的第一線 - 智能機械之研發銷售。

以永續的技術應用創新與系統解決方案，支持顧客成為市場領導者。

KING'S Creates Solutions with :

- SMART CONTROL
- GREEN DESIGN

鑫野專注製造設備:

- 智能控制
- 綠色設計

KING'S Creates Value for Customers:

- LEAN PRODUCTION
- INDUSTRY 4.0

鑫野為客創造價值:

- 精實生產
- 工業4.0

1979 - Chung-Ying Automation Corp, dedicated to Machinery Automation System.

1983 - Head office of **KING'S Machinery & Engineering Corp.** set up in Taipei together with factory in Tao-Yuan & start developing **hydraulic injection molding machines.**

1984 - **V line PET preform injection molding machine** developed.

1985 - Vertical / Horizontal injection molding machine for **glasses frame.**
C-type IMM for plug parts & electronics parts.

1989 - **Bi-color** vertical injection molding machine.
C-type/Vertical IMM with shuttle-table.

1996 - China factory opened : **KING'S Industries (Huiyang) in Guangdong.**

1998 - C-type multi-station injection molding machine with **rotary table.**

2001 - **5 Gallon PET preform machine** with 4-cav mold & bottle turn-key solution.

2002 - High Speed **Automatic pin-inserted shoe heel** injection molding machine.

2004 - 4 station **core rotation IMM** for rubber band & plastic resin processing.

2005 - **BGA bumping press machine** – for intel cpu BGA board.
First in First out rubber vertical IMM with IPC.
LSR – Liquid Silicon injection molding machine with rotary table.

2006 - **C type 8 station** injection molding machine.

2007 - Full series adopted **Variable Pump**, proportional power unit, **Save 50% energy.**

2008 - Double injection with rotary table for dc power cord .

2009 - **IMD (FIM film insert molding)** VIMM for Laptop Cover.
(Inj. Speed 400 mm/sec, Clamping force 300-1000 ton)

2010 - VIMM with **Servo driven rotary table.**
Servo pack to save energy **up to 90%.**

2011 - Super High Speed VIMM for **LED leader frame.**
(Injection Speed 800 mm / sec)
Injection Machine for **Frame of paper cup** with Automation Systems.

2012 - 5th Generation Customized High Speed 2 Stage Injection Molding Machine for **5 gallon PET preform with 2 core molds and outing cooling system.**

2013 - Automatic **Coffee machine Filter** Molding Machine.
Automatic **Speaker Driver** Molding Machine.
Low Pressure Molding Machine- **HOTMELT** water proof sealing.

2014 - Multi Color Injection Molding Machine with **in-mold assembly and online inspection with AOI.**
Vertical Liquid Silicone Rubber Injection Molding Machine with **Static Mixer** and **Quick-Change Pigment System.**

2015 - Certificate of Registration as a **Technological Automation Engineering Service Organization** from Industrial Development Bureau, Ministry of Economic Affairs.

2016 - **KING'S Solution Corp.** established.
Devoting effort in **Industry 4.0** Automation Services.
Gallon preform molding smart factory develop plant set up.
Bi-injection molding machine (Plastic + Rubber)

2017- 700g PET Preform Injection Molding Machine with 8+8 Cavity Mold.
(Capacity: 7,200 pcs / day)
Low Pressure Molding Machine has full CE Certification, **shuttle table** or **rotary table** configurations available.

前身—中盈自動化機器有限公司成立。
鑫興機械工業股份有限公司台北總公司成立桃園廠正式營運。

PET瓶胚射出專用機量產。V-line 2段式射出。
眼鏡框斜背式、臥式專用射出機；**插頭電源線C型**射出機之研發。
雙色立式射出機；**立式滑模、C型滑模**射出機。

鑫興大陸惠州廠-**鑫興工業(惠陽)有限公司**設立。
C型4站式轉盤射出機。

20L PET瓶胚二段式高速射出機，並增設瓶胚射出部與日本KATA模具技術合作。

高速**自動進針鞋跟**射出機含水箱運輸系統。

硬碟專用轉盤橡膠雙用射出機-2代機**index-4**站式轉盤。

IC封裝錫球壓平機—INTEL CPU 覆晶基板專用。

精密立式橡膠射出機。

LSR矽膠轉盤射出機。

C型8站式轉盤射出機。

全機型導入**變量泵系統**及工業電腦控制，節能50%。

DC電源線頭尾成型立關立射雙射轉盤機。

IMD筆電專用埋膜成型高速立式射出機。

伺服轉盤立式射出機。

導入**伺服節能系統**(節能至多90%)。

推出立式**LED支架**超高速精密射出機

(射速800mm)

紙杯邊框專用成型機及自動化系統。

推出第五代5加侖**PET瓶胚二段式高速射出機雙公模+模外冷卻**。

自動化**咖啡機濾網**成型機。

自動化**喇叭罩體**埋射成型機。

低壓射出成型機開發成功 - 電子產品**防水封裝**。

日系車廠開發**無人化多色立式**射出機並導入**模內組裝及同步檢測**。

LSR液態矽膠射出機搭配靜態混和器與快拆換色系統。

經濟部工業局技術服務機構**能量登錄認證**。

鑫野智動工業股份有限公司成立。

投入**工業4.0**自動化服務。

PET瓶胚生產智慧工廠控制技術服務商品化。

異材質橡膠雙射射出機。

8+8穴五加侖PET瓶胚機，日產量7,200個700克瓶胚。

低壓機取得CE認證，可搭配**雙滑模**或**轉盤**。

LEAN Production 精實生產

"To eliminate of waste is centered on making obvious what adds value by reducing everything else".

KING'S Solution Corp. is dedicated to customized machines and Turn-Key projects. With our smart machines, we can practically eliminate the following seven wastes:

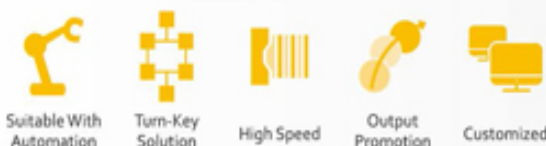
減少浪費，為終端客戶創造最高經濟價值。

鑫野從系統設備的設計規劃，為客戶落實減少以下七項浪費：

1. Transport 運輸
2. Inventory 庫存
3. Motion 運動
4. Waiting 等待
5. Overproduction 生產過剩
6. Over Processing 重工
7. Defects 瑕疵

KING'S provides customers solution based approach aims to achieve JIT, by using a variety of techniques. The effort to achieve JIT exposes many quality problems that are hidden by buffer stocks. By forcing smooth flow of only value-adding steps, these problems become visible and must be dealt with explicitly.

我們的解決方案以JIT精神為核心，減少工作中的變量，降低所有隱藏的庫存，僅讓有價值附加的工作順暢流動，達到精實生產的目標。



SMART Factory 智能化工廠

With 40 years of injection molding experience, KING'S smart machines have built-in smart control program and sensing system. Need no human frequent setting and inspection, which can drive and monitor the machines throughout the whole plant. It can also communicate with each other to produce by controller command, avoid human errors, achieve "Smart Factory for Industry 4.0".

KING'S 智能機械，內建40年經驗自行開發之IPC控制系統，藉由位置尺、溫度模組、光學感應、伺服控制、壓力流量偵測、視覺辨識系統等回饋之訊號，導入閉迴路控制，蒐集製程資訊並以SPC系統加以分析判斷，使進出料、成型條件、機構動作、產品檢測，完全在同一台電腦控制，減少因人工生產導致的變因及浪費。連結雲端監控，可同時控制多台設備，同時建立生產資料庫，產品生產歷程輕鬆可得，並可設定保養提醒，遠端維護調機，大幅降低設備維護成本，實現智能化工廠理想。

INDUSTRY 4.0 工業 4.0

