



Constantly pursuing the enterprise's internationalization has been Conmax' strategic goal ever since the company was first established. To achieve this objective, we are not only dedicated to upgrading our technical level, but also to reinforcing our enterprise structure, thus enabling us to meet new challenges in the future.

不斷追求企業國際化是耀陸公司自從創立以來的既定目標。我們除了追求技術提升，更致力於強化企業體質，以迎接未來的新挑戰。

新台通商是專業壓鑄設備商，以在地連鎖技術服務工作為主，並代理日本、歐洲高效能鋁、鎂、鋅壓鑄機，爐具及台製週邊自動化設備、耗材等產品。

在鑄件品質要求高，然而單價低，人力不足且環保要求等嚴峻經營環境中，外加老舊壓鑄設備每天理所當然之氣孔、縮孔、黏模、拉模、強度不足等不良品之量產，以及斷PIN、機械常故障、維修零件及叫修困難等都是拖垮公司壓鑄部門的重要原因。

新台通商代理日本TOYO東洋壓鑄機、日商DAIKI大紀熔解爐、奧地利RAUCH勞和鎂合金溶解爐、日本Daichemi模具洗淨液、台灣CONMAX鋁合金自動配湯機、ABB自動化取出噴霧機械人等國際知名壓鑄設備，公司內擁有國內外資深技術服務工程師，提供24小時技術諮詢及售後服務，並將服務動態同步上網，提供客戶電腦及手機網路服務進度查詢功能，有效提升壓鑄廠競爭力。

新台通商連鎖集團總部：新北市新店區建國路257號8F - 11

TEL : +886-2-2218-7071 FAX : +886-2-2218-7072

台灣中區技術連鎖服務處（勝億企業社）：嘉義市朴子市

TEL : +886-936438868

上海技術連鎖服務處（上海各備机电设备有限公司）：上海市松江區北松公路6955號C幢

TEL : +86-13564728439

山東技術連鎖服務處：山東省金鄉縣街景苑小區

TEL : +86-13686373992

新台通商廣東直營服務處：深圳市龍崗區平湖鎮華南城2號交易廣場一樓D077

TEL : +86-755-89342669 FAX : +86-755-89342669

廣東技術連鎖服務處（深圳華南耀輝貿易有限公司）：廣東省東莞市鳳崗鎮雁田村布莖工業區一橫路4號

TEL : +86-769-82757691

廣東營業連鎖服務處（東莞市友科機械有限公司）：廣東東莞市塘廈鎮清湖村高麗5路6號

TEL : +86-769-82992709

SINTAI 新台通商

壓鑄設備·製品·連鎖技術服務·網路客服系統
Die Casting Equipment · Chain Technical Service · Internet Customer Service

www.sintai-corp.com



CONMAX Automatic Ancillary Equipment

Providing the Competitive Edge for Die Casting.



耀陸自動化週邊設備

提供壓鑄作業的競爭優勢

Traveling Automatic Melt Supply System

先進鋅鋁配湯概念

架空自走型鋅鋁配湯機



PLC CONTROL COMBINED WITH TOUCH-SENSING SCREEN

控制器搭配簡易人機界面

- The controller employs a Japanese OMRON PLC, featuring maximum stability of performance.
- Touch-sensing screen provides easy operation.
- Melt supply station can be set as desired.
- Melt supply counting and display for each die casting machine.
- Trouble indication permits convenient maintenance.
- Position display function.
- 採用日本OMRON PLC控制器，性能穩定。
- 觸控螢幕，操作簡易。
- 給湯站數可自由設定。
- 每台壓鑄機給湯計數與顯示。
- 故障指示，維修方便。

SCL-15

FEATURES:

- Choice of melt supply capacities for 5-15 sets of die casting machine.
- Overhead traveling structure for space saving and high efficiency melt supply.
- Continuous safety power rails feature high tightness, high temperature resistance, and smooth traverse.
- All new melt supply system is ideal for die casting automation and unmanned operations.
- Greatly upgrades zinc and aluminum material stability.
- Reduces material waste during melting processes.
- Reduces melt temperature difference.
- Employs Omron PLC controller for maximum operation convenience.
- Advanced multiple transmission device for high sensitivity signal transmission.
- Lack of material display and automatic material supply.
- Buzzer sounds when machine traverse, ladle elevates, material feed and safety door open and close.
- Warning lamp flashes when motion occurs.

特性:

- 適合5-15台壓鑄機之自動給料。
- 架空自走式構造，不佔空間，高效率給料。
- 連續型安全電軌，密封性佳，耐高溫，行程平穩順暢。
- 自動化，無人化壓鑄作業的高效率，全新功能機種。
- 大幅提昇鋅鋁溶湯材質之穩定性。
- 降低鋅鋁熔解過程之損耗。
- 降低溶湯溫差。
- 先進多重信號傳輸，高靈敏度。
- 壓鑄機缺料顯示，並自動供料。
- 警示警響顯示配料機之移動，昇降，給湯，安全門動作。
- 動作時警示燈閃爍。

CONTINUOUS SAFETY POWER RAIL

The melt supply machine moves on the advanced overhead continuous safety power rails, which features high tightness and high temperature resistance. Variable travel speeds are controlled by a frequency inverter. Fast braking combined with buffering stop function ensures smooth stop motions and accurate positioning.

連續型安全電軌

配湯機滑軌採用先進之架空式連續型安全電軌，具高密封性，耐高溫特性。行程速度以變頻器控制，提供無段變速。並可快速煞車，搭配緩衝停止功能，停止定位動作平穩順暢，定位精準。

MAIN CONTROL BOX

This control box is located on the workshop floor.

Employs PLC controller for maximum operation convenience. Control signals are transmitted to the control box of melt supply machine through the advanced multiple transmission device for accurate remote control.

- Single multiple transmission control
- Manual control melt supply for individual machine
- Manual operation control
- Motion displays
- Malfunction displays

主控制箱

此控制箱安置於地面，採用PLC控制器，提供簡易之操控。控制信號經由先進的多重傳輸至配湯機控制箱，作精確遙控。主控制箱提供多功能控制如：

- 配湯機自動信號多重傳輸控制
- 單機手控自動配湯
- 各部動作手動控制
- 各部動作顯示
- 各機能故障顯示

CONTROL BOX FOR MELT SUPPLY SYSTEM

This control box is mounted on the melt supply machine. Standard design for controlling 5 sets of die casting machines. Control for more machines is available upon request. Maximum controls up to 15 sets of die casting machines.

配湯系統控制箱

此控制箱安裝於配湯機上。標準功能可控制5台壓鑄機之給湯作業。並可另行要求增加控制台數，最多可控制15台壓鑄機之供料。



CONMAX Automated Ancillary Equipment Helps Die Casting Industries Stay Ahead

耀陞自動化週邊設備

壓鑄作業的致勝利器

Established in 1990, Conmax Automation Company designs and manufactures automated ancillary equipment for die casting. They are widely applied for magnesium, aluminum and zinc alloy die casting. With over 20 years of accumulated technological experience, Conmax constantly develops new models to serve die casting industries. Conmax automation equipment will provide the most competitive edge for each customer.

To meet customers' requirements, Conmax has also set up a used machinery department. This department conducts thorough restoration for various brands of die casting machines, both domestic and overseas. The restored machines are sold together with used automation equipment.

For over 20 years, we have been constantly dedicated to our profession, pursuing high technology levels and a modern management system. Conmax has grown steadily to its scale of today. However, our policy of pursuing growth will never stop. We always strive hard to meet new challenges.

創立於1990年的耀陞企業有限公司，專業設計製造壓鑄機自動化週邊設備，應用在鋁、鎂合金壓鑄作業。歷經20年來的技術經驗累積，耀陞公司不斷開發新機種，為壓鑄業界提供各種週邊設備，為客戶提升競爭優勢。

為了因應客戶需求，耀陞公司特別設立中古機械事業部，將來自於國內外各品牌的壓鑄機徹底整修翻新，並配合自動化週邊設備整理銷售。

20年來我們始終堅持本業，不斷追求更高的技術層次以及現代化的管理體系，耀陞公司規模也在穩定中逐漸發展成今天的規模。然而我們追求成長的目標永遠不停，我們不斷向更高的目標挑戰。



Automatic Ancillary Equipment for Magnesium Alloy Die Casting Machines

鎂合金壓鑄機專用自動化週邊設備

鎂合金噴霧機

AUTOMATIC MAGNESIUM ALLOY SPRAYER

機械特性:

- 管路採用特殊材質製，安全性高。
- 手臂具迴旋功能，適合冷式、熱式壓鑄機。
- 手臂上昇、下降動作快速、平穩。並可作不定點噴霧、吹氣動作。
- 特殊雙迴路設計，噴頭可作定面噴霧，銅管可定點噴霧。

MACHINE FEATURES:

- Special material of pipes features high safety.
- Swivelling arm suits cold and hot chamber die casting machines.
- Fast, stable arm raising and lowering motions. The arm can perform spraying and blowing at random positions.
- Special double circuit design. The nozzle can perform spraying at a fixed position while copper tube performs spraying at random positions.



CAMGS-400A



CAMGE-400A

鎂合金取出機

AUTOMATIC EXTRACTOR FOR MAGNESIUM ALLOY

近年來，鎂合金壓鑄在國內已蔚為風潮，許多廠商紛紛投入生產，而技術和設備方面，仍需全部仰賴進口。鎂合金製品大部分應用在現代化的3C產業，其特點是輕、薄短小。可惜國外機械並未特別針對這種特性，開發出最符合業界需求的自動取出機，本公司經歷長期研究開發，成功推出最適合的機種。

機械特性:

- 針對鎂合金射出後快速冷卻特性，取出機手臂採用雙截式設計，提昇取出速度。
- 手臂可增加迴旋功能(選購配備)。
- 本機可配合安全活動門動作控制。

In recent years, magnesium alloy die casting has become a trend. Many industries have become involved in such production. However, technologies and equipment in this field still completely rely on imports. Magnesium alloy is light weight, thin and durable, making it ideal for 3C industries. As currently foreign manufacturers do not offer the correct automatic sprayer and automatic extractor that fully meet local customers' requirements, Conmax has dedicated itself to much research and development and now presents the excellence of automatic ancillary equipment that customers have come to demand.

MACHINE FEATURES:

- To meet the fast cooling after ejection of magnesium alloy the extractor arm is specially designed with a two section structure for upgrading extracting speed.
- Arm swivel is available (optional function).
- The extractor is available with motion control for safety door.

Automatic Ancillary Equipment for Aluminum Alloy Die Casting Machines

CASS-35A

迴轉式噴霧機

SWIVELING AUTOMATIC SPRAYER

MACHINE FEATURES:

- Separated mold waxing systems for movable and fixed molds.
- Individual blowing function.
- Manifold plate copper tube base is manufactured from aluminum material for convenient replacement.

機械特性:

- 活動模，固定模離型劑系統為分離式。
- 具獨立吹氣功能。
- 迴路板，銅管座採用鋁材製成，更換方便。



銅管及鋁管噴嘴，尺寸可依客戶要求提供。

Brass & Aluminum Nozzle, Size According to Customer's Request.



SSB-35

自動噴霧機

AUTOMATIC SPRAYER

MACHINE FEATURES:

- Innovative forward and backward motions for bumping free motion and extremely smooth and stable motions, which also meet special die motions.
- Exclusive automatic position adjustment for mold thickness.
- Specially designed circuit to provide versatile functions (mist, shrinkage, and uniformity).
- Separated system for spraying release agent for fixed and movable mold platen.

機械特性:

- 首創前後動作，防碰撞動作順暢，平穩，更可配合特殊模組動作選用。
- 首創模厚自動定位調整。
- 特殊迴路設計，以達噴霧機三重點訴求，霧化，縮水，平均度。
- 固定模，活動模噴離型劑系統分離。



Automatic Ancillary Equipment for Zinc & Aluminum Alloy Die Casting Machines

CAE-35A

直進式取出機 (鋅製品專用)

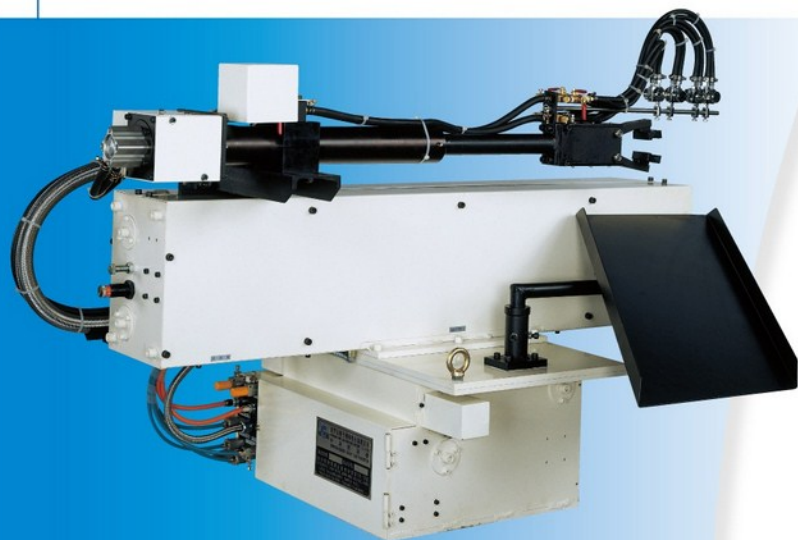
**TRAVERSE TYPE AUTOMATIC EXTRACTOR
(FOR ZINC ALLOY)**

MACHINE FEATURES:

- Smooth product placing prevents colliding while ensuring product appearance and quality.
- Specially designed control circuit, cross traverse ready function, combined with various modules to effectively shorten cycle time.
- Traverse type arm design assures fast and stable traverse motion.
- The arm is available to fit with a mold waxing liquid spray device (optional).

機械特性:

- 製品夾出後輕放避免製品碰撞。確保製品之美觀合品質。
- 特殊電路設計。手臂具待機，橫行前待機等功能，配合各種不同模組，有效縮短動作循環時間。
- 手臂直進式作業，速度快，動作穩定。
- 手臂可加裝噴離型劑裝置 (選購配備)。



CAE-35C

昇降式取出機

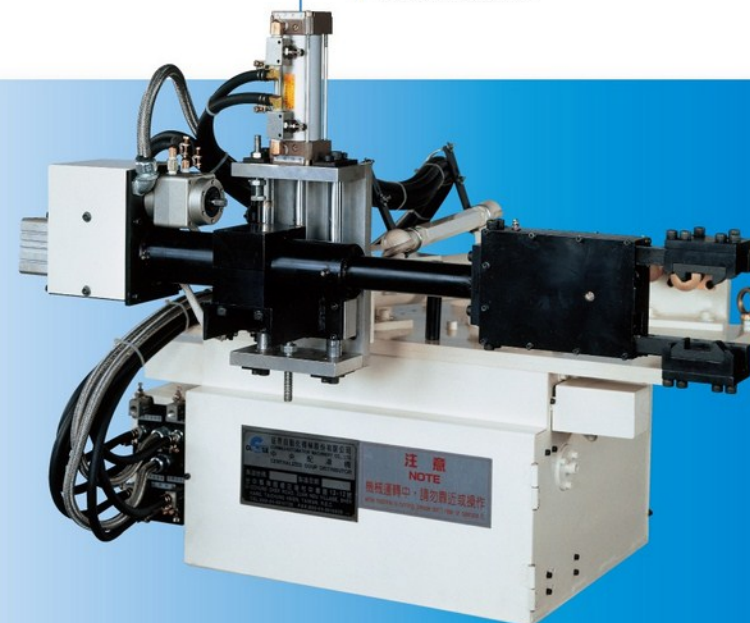
**VERTICAL TRAVERSE TYPE
AUTOMATIC EXTRACTOR**

MACHINE FEATURES:

- The extractor arm raising and lowering makes this extractor ideal for picking special products.
- Suitable for use on a vertical die casting machine.

機械特性:

- 手臂上昇、下降動作，適合特殊製品之取出作業。
- 可使用在立式壓鑄機。



Automatic Ancillary Equipment for Zinc & Aluminum Alloy Die Casting Machines

SEB-35

自動取出機 (鋅鋁合金)

**AUTOMATIC EXTRACTOR
(For Zinc & Aluminum Alloy)**

MACHINE FEATURES:

- Exclusively automatic adjustment for cross, forward and backward traverses.
- Three points gripper, picking providing stable and loosening free performance.
- The extractor arm is manufactured from special material for effortless and stable motions.
- Specially designed circuit allows for forward and cross traverse waiting function to meet various mold platens operations and reduce cycle time.

機械特性:

- 首創橫行前進，後退自動調整。
- 夾爪三點夾取，夾取穩固，製品不易脫落。
- 手臂特殊材質，動作輕巧且穩定。
- 特殊電路設計，手臂可作前待，橫行前待等動作，配合各種不同模組運用和縮短動作時間。



CAE-35B

迴轉式取出機 (鋅鋁合金)

**SWIVELING AUTOMATIC EXTRACTOR
(For Zinc & Aluminum Alloy)**

MACHINE FEATURES:

- Compact machine structure for space saving and easy installation.
- Specially designed control circuit combined with quality constructed machine structure guarantees maximum speed and stability of extracting motion.
- Three-point product picking assures drop-free product maneuvering.

機械特性:

- 機體小，節省空間，安裝方便。
- 特殊電路設計，機電一體，取出動作快速、平穩。
- 三點式夾取設計，製品不易脫落。



Automatic Ancillary Equipment

自動化週邊設備

CAW-25A

比例式自動混合壓送機

**PROPORTIONAL TYPE
AUTOMATIC MIXING FEEDER**

MACHINE FEATURES:

- The entire machine is constructed of stainless steel for long service life and easy cleaning.
- Electrode type liquid level control assures high accuracy.

機械特性:

- 全機體採用不鏽鋼製成，使用壽命長清洗容易。
- 電極式液面控制、動作精準。



DIAPHRAGM PUMP

隔膜泵浦

Employs an imported England Beaver 25 diaphragm pump for superior delivery performance and minimum trouble.

採用英國進口Beaver 25型隔膜泵浦壓送量大故障率最低。

HIGH QUALITY DOSATRON PROPORTIONAL FORMULA FILLING

比例式加藥機

The machine employs a world famous French DOSATRON D16 proportional formula filling device.

採用法國名牌DOSATRON D16比例式加藥機。



CAC-300A

履帶式輸送機

LINK CHAIN CONVEYOR

機械特性:

- 履帶式輸送機、不變形、零故障。
- 採用鏈條式傳動，無空轉毛病。
- 前後端高度採把手調整，方便、快速。
- 輸送機底下附活動輪及煞車，移動、定位方便。



MACHINE FEATURES:

- The link chain conveyor features deformation-free and trouble-free performance.
- Chain drive eliminates idle running problem.
- Height adjustments on front and rear are convenient and fast by using the adjustment handles.
- Four castors built under the conveyor stand with braking function for convenient moving and positioning of the conveyor.



CAC-300B

輸送機

CONVEYOR

機械特性:

- 附隧道式冷卻電扇。
- 活動式工作台，附日光燈照明，提供製品品管之方便性。

MACHINE FEATURES:

- Equipped with tunnel type cooling fan.
- Movable table equipped with fluorescent light, providing convenience for product quality inspection.

WORLD-FAMOUS KUKA ROBOT

世界名牌 KUKA 機器人

The KUKA robot is suitable for automatic take-out of die casting parts, parts water-cooling or placing parts on a punch press.

適用壓鑄成品自動取出，成品浸水冷卻或將成品放置到沖床。

Advanced Controller

The KUKA robot is equipped with advanced control. It employs a humanified control panel, featuring convenient program editing. Easy to learn and understand.

採用先進控制器

KUKA 機器人採用的控制器，具人性化的操作面板，提供簡易的程式編輯特性。易學易懂。

YSP-10T
YSP-20T

油壓沖床

HYDRAULIC PRESS

FUNCTION:

The hydraulic press is suitable for removing burrs on die casting parts. The machine is ruggedly constructed for minimum trouble.

功能：

本機適用於壓鑄成品毛邊之去除作業。機體結構穩重，故障率低。



SPECIFICATIONS / 規格表：

Model	機型	YSP-10T	YSP-20T
Output force	出力	10 tons(噸)	20 tons(噸)
Stroke	行程	400mm	420mm
Sizes inside columns	柱內尺寸	520 x 330mm	580 x 370mm
Inside dia. of cylinder	油壓缸內徑	φ 100mm	φ 125mm
Motor	馬達	3HP	5HP
Max. pressure (Low pressure pump)	最大壓力 (低壓泵浦)	70kg/cm ²	70kg/cm ²
Max. pressure (High pressure pump)	最大壓力 (高壓泵浦)	210kg/cm ²	210kg/cm ²
Column diameter	立柱直徑	φ 55mm	φ 70mm
Platen thickness	板厚	61mm	71mm
Machine dimensions	機械尺寸(長x寬x高)	500 x 700X 2140mm	600 x 800X 2160mm

CONMAX Automatic Ancillary Equipment Provides the Competitive Edge for Die Casting

耀陞自動化週邊設備

耀陞企業有限公司-

專業設計製造壓鑄機自動化週邊設備，是鎂、鋁、鋅合金壓鑄作業自動化的利器。多年來，耀陞自動化設備，是產業升級不可或缺的重要配備。

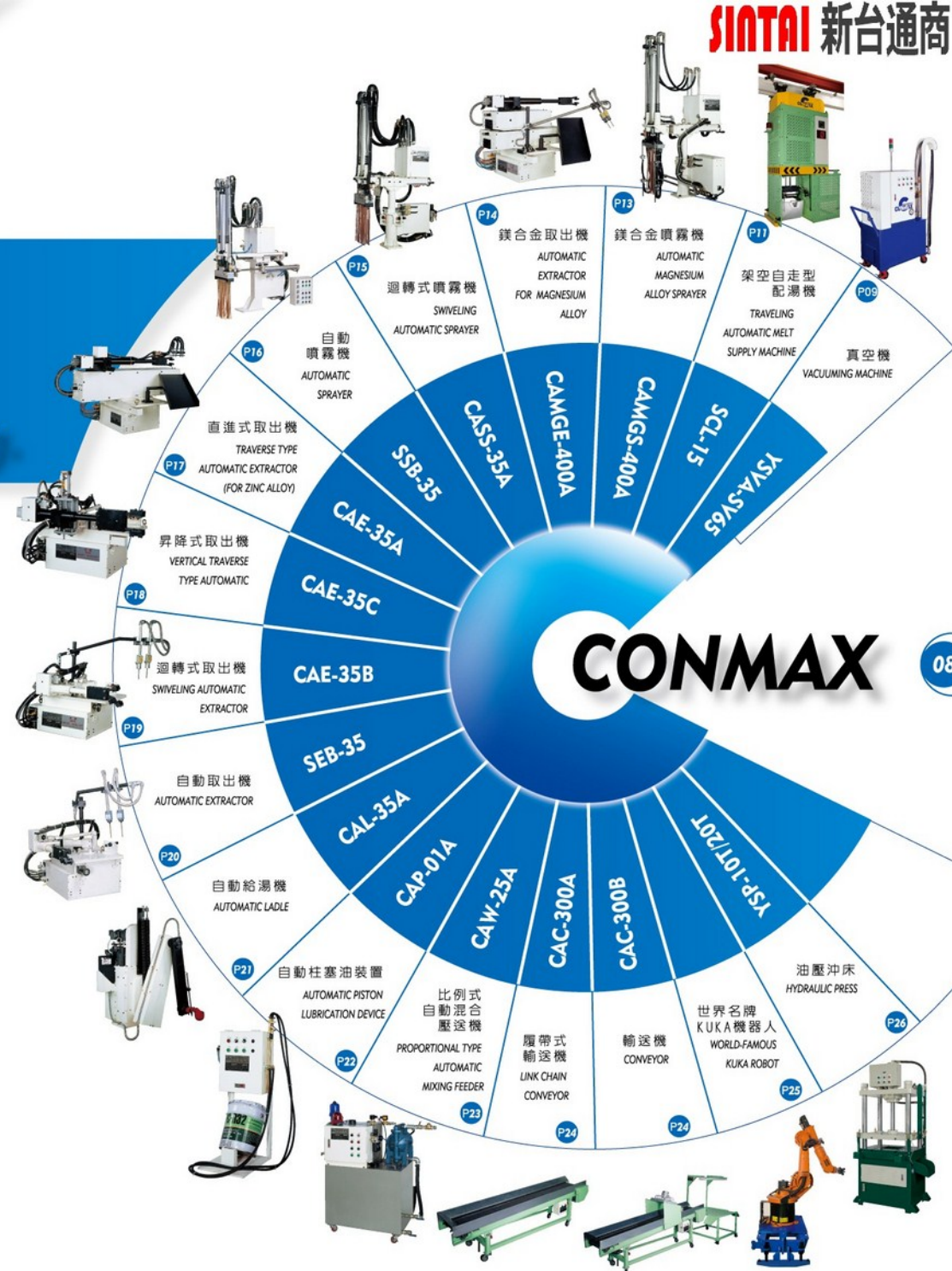
耀陞鎂、鋁、鋅合金壓鑄自動化週邊設備，在任何惡劣的作業環境中，有最佳的防護措施。全系列機種配備全覆蓋式保護蓋，完全避免油、水等雜物進入機體內，確保電氣零件及機械壽命。

耀陞機械在出廠前，都經歷嚴格的品質和性能測試，以展現最佳的品質標準。除此之外，技術服務更是我們對客戶的堅決承諾，快速服務是耀陞公司的傳統。

Conmax Automatic Machinery Co., Ltd. is a specialist in design and manufacturing of Automatic Ancillary Equipment for magnesium, aluminum and zinc alloy die casting. Conmax equipment is designed and engineered to provide the most competitive edge for die casting industries. Over the years, Conmax equipment has played an important role in industrial upgrading.

Conmax automatic ancillary equipment for magnesium, aluminum, and zinc alloy die casting is well guarded to remain resilient in any poor working environment. The complete series of equipment is fully guarded by covers to prevent oil or water from entering into the machine. This ensures the performance of all electronic parts and service life of the machine.

Each Conmax machine is subject to rigorous quality control prior to shipment in order to achieve the best possible quality. Furthermore, we have a strong commitment to customer service; prompt service is a tradition at Conmax.



Synchronized Vacuuming Machine

壓鑄真空機

Designed for Upgrading Product Quality!

Helps Create Profits!

提升鑄件品質！

創造利潤！

YSVA-SV65

MACHINE FEATURES:

- Eliminates product porosity while upgrading surface smoothness.
- Improves product density and structural stiffness.
- Eliminates product surface peeling off during shot blasting operation.
- Eliminates product surface bubbling after plating.
- Extends mold service life.
- Eliminates material shortage in blind holes of product.
- Greatly upgrades production efficiency and creates profits.

機械特性:

- 消除鑄件表面氣孔毛病，提升表面精細度。
- 改善鑄件密度，鑄件材質組織更紮實。
- 解決研掃脫皮現象。
- 解決電鍍起泡毛病。
- 延長模具使用壽命。
- 解決盲孔缺料毛病。
- 提升生產效率、創造利潤。



EUROPE IMPORTED VACUUM PUMP

The machine employs a Europe imported rotary vacuum pump, assuring complete vacuum in mold cavities. It facilitates die cast production. The vacuum pump is excellent for long time continuous die casting operations, and features long service life, and low noise.

歐洲進口真空泵浦

本機採用歐洲進口迴轉式真空泵浦。使模穴達到徹底真空境界，利於高級鑄件之產生。真空泵浦可耐長時間連續壓鑄作業，使用壽命長、運轉低噪音。

A Profitable Performer for Die Casting of Zinc, Aluminum, Copper, and Magnesium Alloys!

鋅、鋁、銅、鎂合金壓鑄競爭優勢的新利器！

SPECIAL SYNCHRONIZED VACUUM VALVE

The specially designed vacuum valve is directly controlled to eliminate the problem of gear teeth breakage.

It permits synchronized motions for vacuuming and high speed injection. The vacuum valve can be interchanged to meet all types of molds.

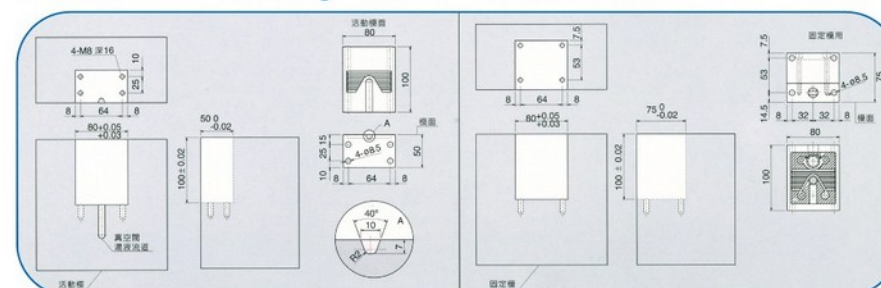
特殊設計同步真空閥

真空閥採用直接控制設計，無齒輪崩齒之虞。同步真空閥提供抽真空。與高速射出同步動作。真空閥可依模具型式互相對調，使用極為方便。



大陸專利號碼: ZL02 2 01383.0
臺灣專利號碼: 新型第 200343

Dimensional Drawing/ 真空閥、模具配合尺寸



- The vacuum valve can be interchanged to meet all types of molds. (In case fixed mold thickness is not sufficient, it can be fitted on movable mold.)
- 依模具之需要，可相互對調，如：(固定模之模厚不夠時，可製作於活動模)