達爲兼濟天下　誠乃立業根本

廣東達誠技術有限公司
Guangdong Designer Technology Co.,Ltd
汕頭市達誠環保精機科技有限公司（全資子公司）
ShanTou Designer Precise Machinery Co.,Ltd
大連達誠環保機械有限公司（全資子公司）
Dalian Dacheng environmental protection machinery Co.,Ltd

达诚 DESIGNER

高新技術企業
National High Technology Enterprise
國際先進設備
International advanced equipment

地址：汕頭市濠江區臺商投資區濠江片C04單元
ADD：Unit C04 , TaiShang Investment Area HaoJiang Disctric , ShanTou , China
郵政編碼（ZIP）：515098
銷售直綫（Tel）：[+86-754] 81885111　81885186　81885160　81885261
郵箱：gxr@dcdesigner.com　wsz@dcdesigner.com
Export Dept. Tel：[+86-754] 81885111　81885162　81885163　81885165
81885166
Export Dept. E-mail: gxr@dcdesigner.com　wsz@dcdesigner.com
總部傳真（Fax）：[+86-754] 81885158　81885222
客户服務（After-sale Tel）：[+86]4006301388　[+86-754] 81885192
Https://www.dcdesigner.com

國内辦事處（Branches）
華北（Tianjin office）：天津市河東區耐火路寧月花園2號樓1-201
手機（Mobile phone）：[+86]13825888916　13825884150
華東（Kunshan office）：江蘇省昆山市四季華城小區30棟905
手機（Mobile phone）：[+86]13825887254　13825884298
華南（Dongguan office）：東莞市常平鎮四季康城A12棟902
手機（Mobile phone）：[+86]13825884693　18823931851

印度尼西亞、泰國辦事處：
Indonesia Office：MITRA BAHARI, Jl. Pakin Raya No.1, (Pasar Ikan) Penjaringan,
Jakarta 14440, Indonesia
Mobile phone: [+86] 13825818250

Thailand Office: 181/141 Pracharat Road 2, Bangsue, Bangkok 10800, Thailand
Mobile phone: [+86] 13825884435　[+86] 13825884652

臺灣辦事處：
Taiwan Office: Floor 4-2, No. 6, Alley 2, Lane 439-17, Peitun Rd.,
Taichung, Taiwan
臺灣臺中市北屯區北屯路439-17巷2弄6號4F-2
Mobile phone: [+86] 13825884435　13825884691

版權所有,侵權必究　All Rights Reserved by DESIGNER MACHINERY

企業簡介
Company introduction

廣東達誠技術有限公司系集研發設計、制造、營銷、服務于一體的高新技術企業。公司專注于技術研發和制造塑料機械，主要產品包括擠出片材機、熱成型機、生物基降解機械、包裝機械及模具，在國内外行業中享有：國際先進設備，國際知名品牌，產品涵蓋PET、PP、PS、PE、ABS、EVA、EVOH、PBAT、PBS、PLA、生物基降解料、澱粉基降解料等材料應用領域。我們的核心競争力：

- 卓越的核心技術，核心部件源于自制；
- 穩定可靠的品質，選材考究，加工精度高；
- 智能化控制，高效節能；
- 擁有遍布全球的銷售和服務網絡
- 具有强大的工程設計和生産能力，我們能提供定制最優化的解决方案

公司擁有一批專業且實踐經驗豐富的技術人員和工程師，并與東北大學、西安交大、華南理工大學、四川大學、江南大學、廣東以色列理工學院聯合建立産、研、學平臺和實驗室，目前已取得200余項自主知識産權的專利科技成果，其中發明專利30多項。

公司始建于一九九三年，現有廠區面積7萬多平方米，擁有保障高精度加工設備及檢測手段，包括德國德瑪吉五軸加工中心、三軸加工中心、瑞士阿奇米慢走絲和漢斯坐標磨床、美國哈斯加工中心、德國蔡司三坐標光柵測量儀等。公司産品全面實行ISO 9001:2008質量體系和CE認證體系管理，爲客户現場生産提供領先的解决方案、技術服務和技術培訓。

公司擁有廣泛的全球銷售服務網絡，産品輻銷國内三十多個省市，産品出口熱銷50多個國家和地區。并且與國内、國際知名企業締結了戰略合作伙伴關系，成爲其長期供應商，包括香港勉勵龍、臺灣安捷、臺灣易升、日本中央化學、喜之郎集團、新天力集團、河北博强、廣州卓高泰、湖南萬容、河北萬容、恒鑫集團、日之容等。

一直以來，廣東達誠技術股份有限公司致力于高品質標准，不斷創新，追求卓越，服務全球，整合資源，持續發展，爲客户提供領先、可靠的産品和服務，實現共贏。

Guangdong Designer Technology is a notional high-tech enterprise , which engages in R&D , design , manufacture , marketing & services of plastic machinery. The company specializes in R&D and manufacture of plastic machines, the main products are Sheet Extruder, Thermoforming Machine, Biodegradable Starch Sheet Extruder, Packaging Machine and Moulds. In the domestic and foreign industries enjoy: international advanced equipment, international well-known brands, production including PET、PP、PS、PE、ABS、EVA、EVOH、PBAT、PBS、PLA、Biodegradable Starch etc application area. Our core competitiveness is :

- Excellent core technology, core components from ourselves
- Stable and reliable quality, careful select material, high machining accuracy
- Intelligent control, efficient, energy saving
- Has worldwide sales and service network
- powerful design and production capability, we can provide customized and optimized solutions

The company has a group of professional and technical staff with a wealth of practical experience and engineers, and Northeastern University, xi ' an Jiaotong university, south China university of technology, Sichuan university, Jiangnan university, Guangdong Israel institute of technology combined to establish production, research and learning platform and laboratory, currently has more than 200 independent intellectual property rights of patent technology achievement, including more than 30 for a patent for invention

The company was established in 1993, and now has new workshops of total over 70,000㎡, has the guarantee high - precision processing equipment and detection means , including DMG CNC 5-Axis machining center, American HAAS AUTOMATION , Swiss HAUSER CNC Jig Grinder. The company controls the quality of the products strictly under ISO 9001:2008 Quality Management System and Management of CE certification system, Provide leading solutions, technical services and technical training to customers on site.

The company has an extensive global sales and service network. the products sells well over China 30 different province and cities, and are exported to 50 different country and areas. And with the domestic and international well-known enterprises to conclude strategic cooperative partnership, become its long-term supplier And with the domestic and international well-known enterprises to conclude strategic cooperative partnership, become its long-term supplier , including Mineron (Hongkong) Co. , Ltd, Guangdong Strong Group Co. , Ltd, Rizonepack Co. , Ltd. Taiwan Yi Shen Plastic Corp. , Pac, & Proper Co. , Ltd, ZheJiang XinTianLi Packages Co. , Ltd of Japan Ltd, Hebei Boqiang Plastic Products Co. , Ltd, Hunan Vary Packaging Co. , Ltd, Ting Hsin International Group (Master Kong) , etc.

Guangdong designer technology co. , ltd. has been committed to high quality standards, continuous innovation, pursuit of excellence, service to the world, integration of resources, sustainable development, to provide customers with leading and reliable products and services, and achieve win-win results.

國家高新技術企業

2015年度納税大户

CE 證書

質量管理體系認證證書

實用新型專利

用心締造卓越

主要合作企業 Main partners

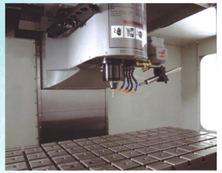
部分供應商 Suppliers

- Leybold 德国莱宝泵
- SIEMENS 西門子
- Lenze 德國倫茨
- SMC 日本SMC
- 奥地利貝加萊
- SEW EURODRIVE SEW—傳動設備
- Rossi Motoriduttori Group 意大利罗西减速机
- ABB ABB变频器
- 意大利意其格
- YASKAWA 日本安川電機
- ELSTEIN 德国加热片
- Nordson 诺 信

部分用户 Users

- 喜之郎集团
- Otor 新天力
- 台湾安捷
- 日之容 RIZONE PACK
- VARY 万容
- 酋什集团
- 金彩材料 JIN CAI MATERIAL
- 沃森塑业
- BQ 博强 博强塑料
- MINERON 勉勵龍
- Goldstone 金石包装
- Tragot® 卓高泰包装
- Jie'an 漳州杰安
- 易昇塑膠
- HXIN 恒鑫
- 永华硕天 BRIWELL
- EPP 泰國東方
- 越南 TRUNG SƠN
- ET MX 欧盟 MIHAIL HRISTOV Co.
- RIA ENGINEERING 印尼
- KP 盟西哥
- 迪拜精密
- TECNOLAM s.a.r.l. 阿根廷
- Diamond Plastic Factories 約旦
- Graco Pack GP ¡Calidad para llevar! 危地马拉

設備加工能力
Equipment Processing Capacity

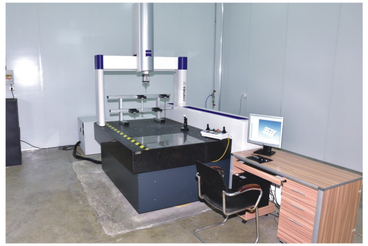


- 購自德國德瑪吉五軸加工中心和三軸加工中心、瑞士阿奇米慢走絲和漢斯坐標磨床、美國哈斯加工中心、德國蔡司三坐標光柵測量儀、臺灣高速高精度數控銑床及CNC雕銑機等高精度加工機床，是我們制造高質量設備的基礎
- 由具有十多年設備加工經驗的技術人員組成的專業設備制造團隊，是我們質量穩定的保證！
- “精益求精，誠實奮進”的企業精神，是我們時刻關注細節，嚴格控制質量的行動指導！

- DMG Five-Axis Machining Center and Tri-Axis Machining Center from Germany, The Agie Sodick and Hasuser Jig Grinder from Switzerland,Haas Machining Center fromThe US, Carl Zeiss Coordinate Measuring Machine from Germany,Taiwan High Speed&Accuracy Machining Center and CNC High Speed Engraving & Milling Machining Center, etc., are our basis for manufacturing high quality machines.
- The professional team of technicians with over 10 years experiences in equipment processing is our guarantee of quality & stability.
- The company's spirit of "keep improving, keep honest" is our guidance of being detail-oriented and quality-oriented.

德國五軸加工中心
Five-Axis Machining Center

德國三軸加工中心
Tri-Axis Machining Center



德國蔡司三坐標測量儀
Carl Zeiss Coordinate Measuring

市場營銷網絡
Sales Network

達誠公司是片材機和熱成型機專家。
憑借自身良好的品牌形象，過硬的產品質量，合理的產品價格，獨特的產品概念，新穎的設計理念和周到的客户服務，達誠機械的品牌深得廣大客户的認可，產品暢銷國内外市場。

Designer Machinery is professional in extruding & thermoforming machines.
With good brand image, excellent product quality, reasonable prices, unique concept of products, innovative designs and thoughtful customer services, Designer Machinery obtains customers' recognitions, and its products are well sold in domestic & overseas markets.

國内版塊

國際板塊

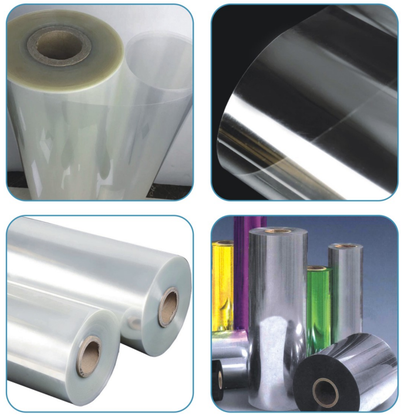
PET/PLA雙螺杆擠出片材機組
Twin-screw Extruder

- 應用于PET、PLA片材的生產，無需預結晶干燥系統，并且適應用于二次料的生產，具備高產量，低能耗、優塑化的特點。
- 螺杆爲積木式結構，多元組合，應用範圍廣泛，不僅適應于PET的生產，同時也適宜于PLA全生物降解料、澱粉基降解料。
- 機筒設置雙真空排氣,保證水氣充分排出。
- 擠出機配備熔體計量泵定量穩壓輸出，并且設置壓力與速度閉環自動控制。
- 整機采用PLC控制，實現參數設置、數據運算及反饋、報警等功能的自動化控制。

參數 Parameters / 機型 Model	適應物料 Suitable materials	螺杆規格 Screw size	螺杆形式 Screw form	片材厚度(mm) Sheet thickness	片材寬度(mm) Sheet width	最高擠出量(kg/h) Max throughput	裝機容量(kw) Total Capacity
WSJP75-1200	PET、PLA	Φ72	積木式 Toy bricks type	0.12-1.6	≤800	400-500	315
WSJP75H-1200	PET、PLA	Φ72		0.12-1.6	≤800	500-600	315
WSJP85-1200	PET、PLA	Φ83		0.2-1.6	≤1000	750-850	380
WSJP95-1200	PET、PLA	Φ93		0.12-1.6	≤950	1000-1200	495
WSJP110-1200	PET、PLA	Φ110		0.2-1.6	≤950	1200-1500	505
SJP75-1200	澱粉基降解料 degradable material	Φ72		0.3-2.0	≤800	350-450	275

省電 30%
SAVE POWER 30%

- Use in producing PET/PLA sheets , no need pre-drying crystallization of the energy consumption and adapt to the material for the production of the second, high yield, low energy consumption, high-quality plastics characteristics.
- The screw to the modular structure, multiple portfolio, its extensive scope, not only adapted to the production of PET. also suitable for the PLA and starch biodegradable materials production.
- Barrel used double exhaust outlets, vacuum exhaust ensure full emit water vapor.
- Extruder equipped with molten metering pump quantitative output, and set up the pressure and speed closed loop auto control.
- The twin-screw extruder Used PLC control , the actual parameter setting, data and the feedback operation, the alarm and other functions of automation.



▲ PET樣品 PET samples

高智能擠出成型一體化生產綫

Automatic Cups Production Line (Extruder connected with Thermoformer)

- 該機組集自動計量上料、片材擠出、塑化成型、自動堆疊和計數、廢邊及邊料在綫破碎回收爲一體的全自動連續生產綫。
- 具有高效節能、節約人力資源、塑杯生產衛生可靠等優點。
- 擠出、成型同步化控制，實現片材綫速度自動跟隨。

- The automatic cups production line contain automatic feeding system, extruder, thermoforming machine, stacker, recycling crusher, so that it can continuous production.
- Extruder and roller are all using speed inverter. Thermoforming machine use four pole structure so that the machine can move tranquilization to advance the molding precision..
- Synchronization control the sheet line speed and molding sending speed.

▲ 樣品 samples

參數 Parameters / 機型 Model	適應物料 Suitable materials	螺杆規格 Screw size	片材厚度(mm) Sheet thickness	成型深度(mm)	最大成型面積 (mm)	最大制品產量 (kg/24h) Max throughput	裝機容量(kw) Total Capacity
JPCX105/F73B型擠出成型機 JPCX105/F73B Extruder with Thermoforming machine	PP、PS	Φ105	0.3-2.5	≤170/180	680×320	4000	365
JPCX120/F73B型擠出成型機 JPCX120/F73B Extruder with Thermoforming machine	PP、PS	Φ120	0.3-2.5	≤170/180	680×320	5000	435

高智能擠出成型一體化生產綫

Automatic Cups Production Line (Extruder connected with Thermoformer)

- 該機組集自動計量上料、片材擠出、塑化成型、自動堆疊和計數、廢邊及邊料在綫破碎回收爲一體的全自動連續生產綫。
- 具有高效節能、節約人力資源、塑杯生產衛生可靠等優點。
- 擠出、成型同步化控制，實現片材綫速度自動跟隨。

- The automatic cups production line contain automatic feeding system, extruder, thermoforming machine, stacker, recycling crusher, so that it can continuous production.
- Extruder and roller are all using speed inverter. Thermoforming machine use four pole structure so that the machine can move tranquilization to advance the molding precision..
- Synchronization control the sheet line speed and molding sending speed.

参数 Parameters / 機型 Model	適應物料 Suitable materials	螺杆規格 Screw size	片材厚度(mm) Sheet thickness	成型深度(mm)	最大成型面積 (mm)	最大制品產量 (kg/24h) Max throughput	裝機容量(kw) Total Capacity
JPCX105/K78型擠出成型機 JPCX105/K78 Extruder with Thermoforming machine	PP、PS	Φ105	0.3-2.0	≤120	780×560	5000	360
JPCX120/K78型擠出成型機 JPCX120/K78 Extruder with Thermoforming machine	PP、PS	Φ120	0.3-2.0	≤120	850×800	7000	430

▲ 樣品 samples

單螺杆排氣式片材機組
Exhaust type single screw extruder

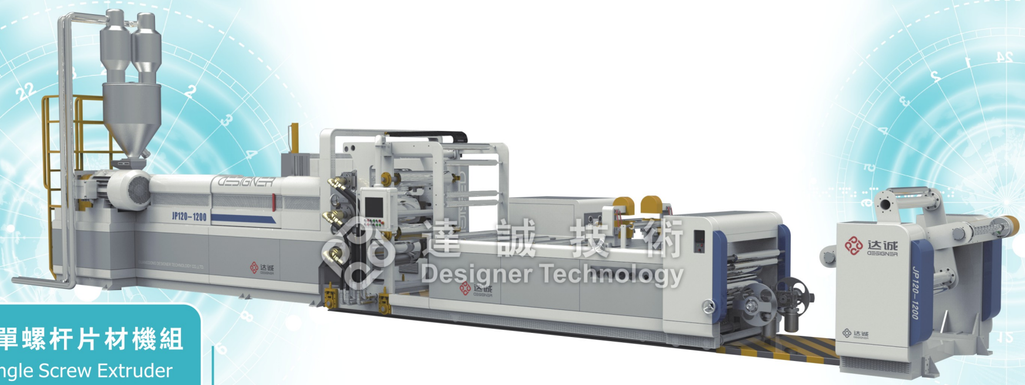
達誠技術
Designer Technology

- 采用獨特的排氣式設計，保證水汽充分排出，無需預結晶干燥系統，可直接餵料生產，比國產普通單螺杆設備節省電能。
- 擠出機配備容體計量泵定量穩壓輸出，設置壓力與速度閉環自動控制。
- 整機采用PLC控制，實現參數設置、數據運算及回饋、報警等功能的自動化控制。
- 結構緊湊，占地面積小，維護方便。

- It reduce pre-drying crystallization of the engergy consumption by the special exhaust design to ensure the moisture be exhausted from the low materials, so that it can direct feeding production, the energy saving than the ordinary single-screw extruder.
- Extruder equipped with molten metering pump quantitative output, and set up the pressure and speed closed loop auto control.
- PLC control system used to achieve parameter setting, data computing and back, alarm and other functions of automatic control.
- Compact structure, small footprint, easy maintenance.

参数 Parameters / 機型 Model	適應物料 Suitable materials	螺杆規格 Screw size	片材厚度 Sheet thickness	片材寬度 Sheet width	最高擠出量 Max throughput	裝機容量 Total capacity
WJP120P-1200	PET、PLA、KPS	Φ 120	0.16-2.0	≤800	550-650	310
WJP120P/65P-1200	PET、PLA、KPS	Φ 120 Φ 65	0.16-2.0	≤800	600-700	365

▲ 樣品 samples



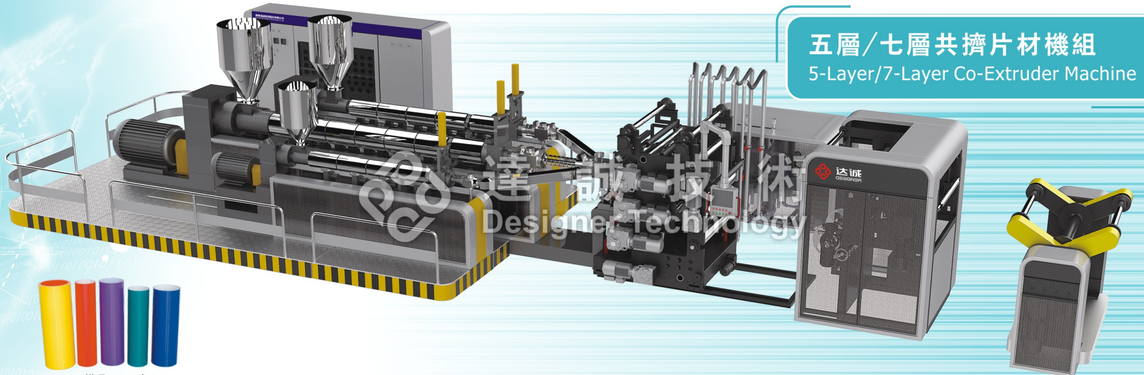
PS/PP單螺杆片材機組
PS/PP Single Screw Extruder

- 自動計量上料生產，比國產普通單螺杆設備節省電能。
- 擠出機配備容體計量泵定量穩壓輸出，設置壓力與速度閉環自動控制。
- 整機采用PLC控制，實現參數設置、數據運算及回饋、報警等功能的自動化控制。
- 結構緊凑，占地面積小，維護方便。

- Automatically feeding system.
- Extruder equipped with molten metering pump quantitative output, and set up the pressure and speed closed loop auto control.
- PLC control system used to achieve parameter setting, data computing and back, alarm and other functions of automatic control.
- Compact structure, small footprint, easy maintenance.

參數 Parameters / 機型 Model	適應物料 Suitable materials	螺杆規格 Screw size	片材厚度(mm) Sheet thickness	片材寬度(mm) Sheet width	最高擠出量 (kg/h) Max throughput	裝機容量(kw) Total capacity
JP105-1200	PP、PS、PE	Φ105	0.3-2.0	≤850	PP:350 PS:400	210
JP120-1200	PP、PS、PE	Φ120	0.3-2.0	≤850	PP:450 PS:500	250
JP135-1200	PP、PS、PE	Φ135	0.3-2.0	≤850	PP:800 PS:900	435
JP120H-1200	PP、PS、PE	Φ120	0.3-2.0	≤850	PP:550 PS:600	320
JP150H-1200	PP、PS、PE	Φ150	0.3-2.0	≤850	PP:850 PS:900	460

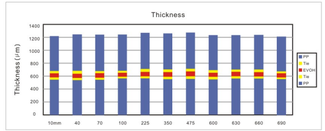
▲ 樣品 samples



五層/七層共擠片材機組
5-Layer/7-Layer Co-Extruder Machine

▲ 樣品 samples

- 本機組采用三臺或五臺擠出機共擠技術,應用于PP、PS、EVOH、Tie等材料的五層或七層片材生產,如PP/Tie/EVOH/Tie/PP結構,EVOH層爲隔氧層,可延長包裝保質期。
- 各擠出機配備熔體計量泵定量穩壓輸送，并且配備意大利Dynisco壓力傳感器，壓力與擠出機轉速閉環控制。
- 精密五層分配器，采用流量比例與葉片間隙比例雙調節技術，分層更加均勻，保證成型拉抻后永不斷層。
- 獨立的動力系統，并且采用直聯傳動，提高傳動效率。
- 整機采用PLC控制，實現參數設置、數據運算及反饋、報警等功能的自動化控制。

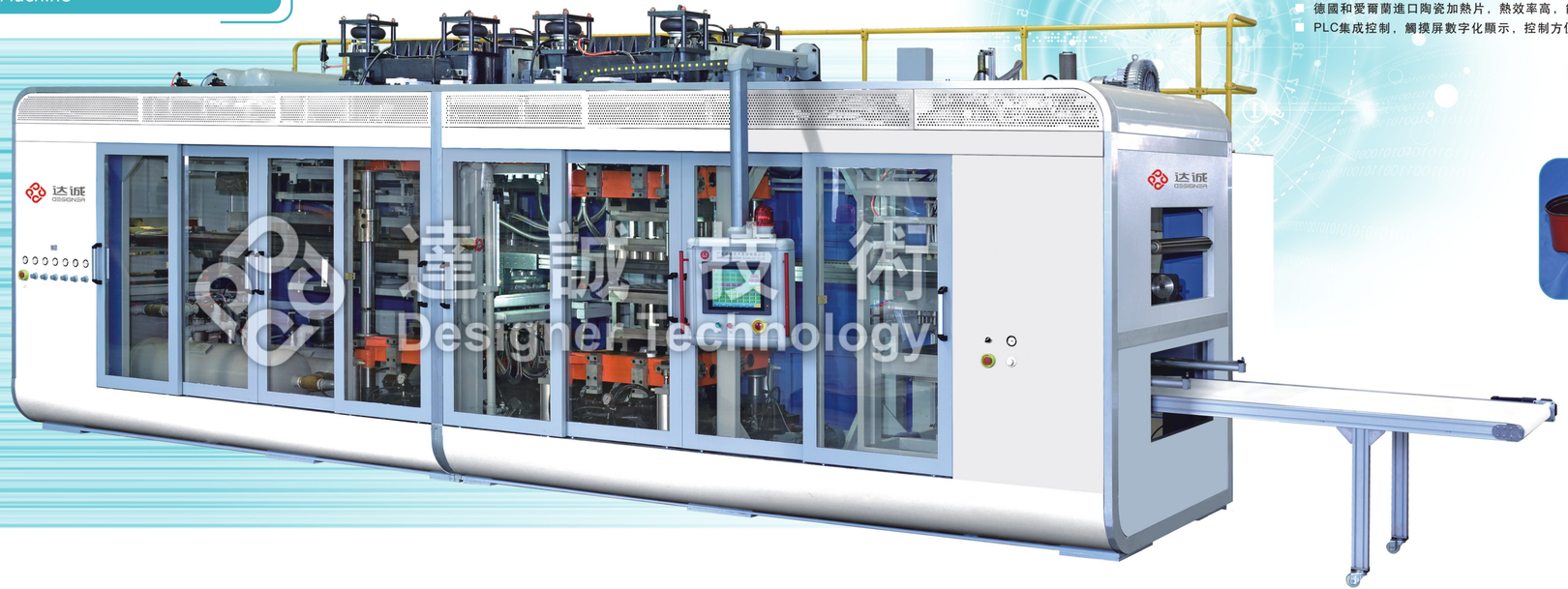


▲ 五層片材通過株式會社可樂麗公司(日本)檢驗合格
The five layer sheet guality had been proofed by Japanese Kuraray co.

- It used three or five extruder structure,suitable in PP, PS, EVOH,Tie and other material production, if PP/Tie/EVOH/Tie/PP structure, EVOH layer separated oxygen layer, can extended packaging quality period.
- The extruder equipped with gear pump quantitative transmission, and with the Inaly Dynisco pressure sensor, pressure and extruder rev closed-loop control.
- Five layer feed box , using flow and the leaves space technology, make layered more uniformly, never fault after molding drive plug assist.
- Independent power system, and used straight conjunction drive to improve transmission efficiency.
- Used PLC Control, the actual parameter setting, data and the feedback operation, the alarm and other functions of automation.

參數 Parameters / 機型 Model	適應物料 Suitable materials	螺杆規格 Screw size	分層數 Layer device	片材厚度(mm) Sheet thickness	片材寬度(mm) Sheet width	最高擠出量(kg/h) Max throughput	裝機容量(kw) Total Capacity
WJPG105/45/45-1200	PP、PS、EVOH	Φ105 Φ45 Φ45	≤5	0.3-2.0	≤900	300-350	260
WJPG120/50/50-1200	PP、PS、EVOH	Φ120 Φ50 Φ50	≤5	0.3-2.0	≤900	400-500	320
WJPG120/75/50/50/50 -1200	PP、PS、EVOH	Φ120 Φ50 Φ75 Φ50 Φ50	≤7	0.3-2.0	≤900	500-550	425

多工位氣壓熱成型機組
Multi-station Thermoforming Machine



- 機組分成型工位、衝孔工位、衝剪工位、堆叠工位四個工位，全自動成型、衝孔、衝剪、堆叠、計數。
- 成型工位、衝孔工位、衝剪工位采用上下兩組伺服電機控制，驅動偏心輪連杆結構分別帶動兩模臺上下運動并配備正負壓氣源，可實現產品正負壓成型。
- 采用四導柱結構，成型模臺運行穩定，精度高。
- 伺服電機驅動送片及拉伸成型，運動精度高，控制方便。
- 德國和愛爾蘭進口陶瓷加熱片，熱效率高，能耗低，壽命長。
- PLC集成控制，觸摸屏數字化顯示，控制方便

- Four positions: forming position, punching position, cutting position, stacking position. Automatically forming, punching, cutting, stacking and counting.
- Use two sets of servo motor to control forming position, punching position and cutting position. With pressure and vacuum air, the machine use eccentric wheel and connecting rod to drive the mould for forming products.
- Four columns structure guarantee high precision plane accuracy of the running mould sets.
- Servo motor drive sheet sending and plug assist device, offer high precision running, easy to control.
- Germany and Ireland heater, high heating efficiency, lower power, long life span.
- PLC with touch screen control system, easy be operated.

▲ 樣品 samples

参数 Parameters / 機型 Model	適應物料 Suitable materials	主電機功率 Main motor power	適用片材厚度(mm) Sheet thickness	成型深度(mm) Formed depth	工作效率 Work efficiency cycle/min	最大成型面積(mm) Max formed area	耗氣量(L/min) Consumed air	加熱功率(kw) Heating power
K7816-1	PLA、PS、PET、PP 淀粉降解等	5.0×2	0.3-1.8mm	≤120mm	≤50模次/分钟	780×560mm	3500-4000	135kw
K7816-3	PLA、PS、PET、PP 淀粉降解等	5.0×2+7.0×2	0.3-1.8mm	≤120mm	≤50模次/分钟	780×560mm	3500-4000	135kw
K7816-4	PLA、PS、PET、PP 淀粉降解等	5.0×2+7.0×4	0.3-1.8mm	≤120mm	≤50模次/分钟	780×560mm	3500-4000	135kw
K8016-3	PLA、PS、PET、PP 淀粉降解等	7.0×4	0.3-1.8mm	≤120mm	≤40模次/分钟	850×800mm	3500-4000	150kw
K8016-4	PLA、PS、PET、PP 淀粉降解等	7.0×6	0.3-1.8mm	≤120mm	≤40模次/分钟	850×800mm	3500-4000	150kw

塑片氣壓熱成型機組(配翻轉模)
Automatic Thermoforming Machine with Tilting Mould

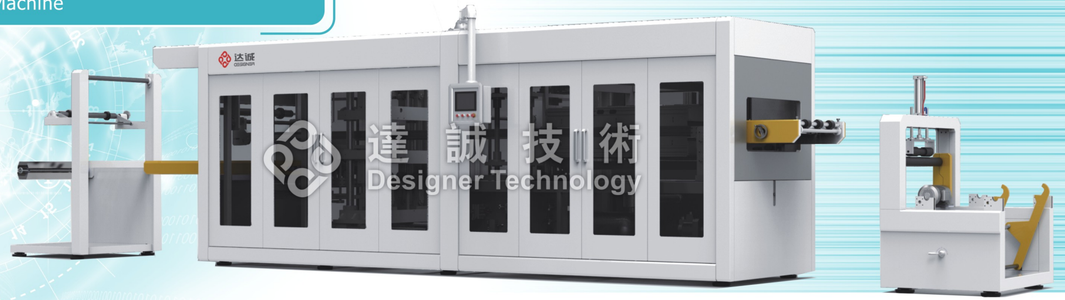
- 采用共軛凸輪傳動結構，運行更加平穩，操作、維護更方便。
- 采用四導柱結構，成型模臺運行穩定，精度高。
- 模臺可自動升降，模具更換方便、安全。
- 伺服電機驅動送片及拉伸成型，運動精度高，控制方便。
- 德國進口陶瓷加熱片，熱效率高，能耗低，壽命長。
- 獨特的翻轉堆疊結構，可實現高速成型下的自動堆疊。
- PLC集成控制，觸摸屏數字化顯示，控制方便

- Conjugate Cam driving system offer more smoothly running, easy be operated and maintained
- Four column structure guarantee high precision plane accuracy of the running mould sets
- Mould installation sets can be automatic lifting, so it is easy and safe when you changing the mould
- Servo motor drive sheet sending and plug assist device, offer high precision running, easy be controlled
- Germany heater, high heating efficiency, lower power, long life span.
- Special tilting mould structure, it can stacking when the machine is running in high speed.
- PLC with touch screen control system, easy be operated.

型號 Model \ 參數 Parameters	適應物料 Suitable materials	適合片厚 Suitable sheet thickness(mm)	成型深度 Formed depth (mm)	工作效率 Work efficiency cycle/min	最大成型面積(mm) Max formed area	加熱功率 Heating power (kw)
F73-S170A	PLA,PP,PS,PET, PVC,ABS, Degradable material	0.3-2.0	≤170/180	≤42	680×320	135
F73-S170B	PLA,PP,PS,PET, PVC,ABS, Degradable material	0.3-2.5	≤170/180	≤42	680×320	132

▲ 樣品 samples

三工位氣壓熱成型機組
Three station Thermoforming Machine



- 機組分成上料工位、成型工位、衝剪工位、堆疊工位、收卷工位組成。
- DK–800成型工位，衝剪工位爲上下雙曲臂液壓系統，伺服電機送片。
- D-800B成型工位，衝剪工位爲雙曲臂絲悍連動伺服系統，運行效率穩定，操作便利。
- 堆疊工位伺服控制計數堆垛，傳送帶輸送產品。
- PLC集成控制，觸摸屏數字化顯示，控制方便。

- Feeding position, forming position, cutting position, stacking position, winding position. Automatically forming, punching, cutting, stacking and counting.
- The up and down action of DK-800 model forming postiton is running by double swing arm hydraulic system.Servo motor for sheet feeding.
- The up and down action of DK-800B model forming postiton is running by double swing arm servo motor system,Servo motor for sheet feeding.
- The counting action of stacking position is running by servo motor.
- PLC with touch screen control system, easy to be operated.

型號 Model \ 參數 Parameters	適應物料 Suitable materials	主電機功率 Main motor power	適用片材厚度(mm) Sheet thickness	成型深度(mm) Formed depth	工作效率 Work efficiency (cycle/min)	最大成型面積 Max formed area	耗氣量(L/min) Consumed air	加熱功率(kw) Heating power
DK-800	PS、PET、PP、PLA CPLA、淀粉降解等	11kwX2+ 2.9kwX2	0.15-1.2mm	120mm	≤20模次/分钟	760×500mm	3500-4000 L/min	94kw
DK-800B	PS、PET、PP、PLA CPLA、淀粉降解等	7.5kwX4+ 2.9kwX2	0.15-1.5mm	120mm	≤40模次/分钟	760×500mm	3500-4000 L/min	125kw

▲ 樣品 samples

塑片氣壓熱成型機組
Thermoforming Machine

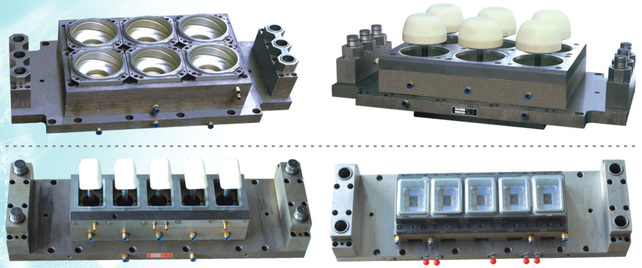
達 誠 技 術
Designer Technology

- 采用共軛凸輪傳動結構，運行更加平穩，操作、維護更方便。
- 采用四柱結構，成型模臺運行穩定，精度高。
- 鏈軌設計后退功能，更換模具方便、安全。
- 伺服馬達送片，送片精度高。
- 伺服馬達拉伸成型，拉抻速度快、穩定，停位准確，控制方便。
- 德國進口真空陶瓷加熱板，熱效應高，溫控精度高,低能耗,長壽命。

- Conjugate Cam driving, much more easy to use and to maintain.
- Four column structure to ensure stable forming precision.
- Chain exit device to ensure rapid mold changing.
- Used servo sheet feeding which has the high precision sending.
- Use servo motor drive plug assist device which will supply even sheet forming.
- Use German heater to ensure heater long life span and save energy.

參數 Parameters / 機型 Model	適應物料 Suitable materials	主電機功率(kw) Main motor power	拉伸伺服電機功率(kw) Plug assist servo motor power	適用片材厚度(mm) Sheet thickness	成型深度(mm) Formed depth	工作效率 Work efficiency cycle/min	最大成型面積(mm) Max formed area	耗氣量(L/min) Consumed air	加熱功率(kw) Heating power	整機重量(kg) Total weight
S7125D	PLA、PP、PS、PET、PVC、澱粉環保料等 Bio degradable material	11kw	7.0kw	0.3-2.0	≤180	≤29	680×390	4000-4500	96.4kw	12000
S71C(I)	PLA、PP、PS、PET、PVC、澱粉環保料等 Bio degradable material	11kw		0.3-2.0	≤120	≤29	680×390	3000-3600	96.4kw	6500

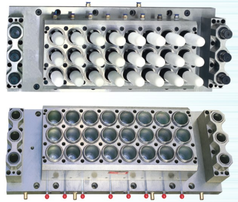
▲ 樣品 samples

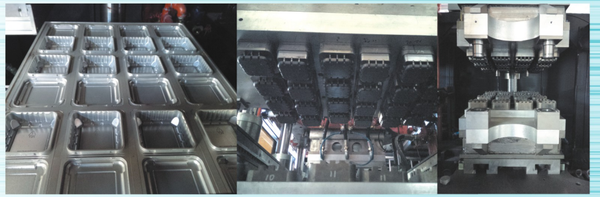


模　具
Mould

采用CAD及3D等專業模具設計軟件，配有高精密CNC數控加工中心，CNC綫切割機，放電加工機，TDV三維掃描儀等加工設備。主要設計各種塑杯、塑碗、塑盒等塑料器皿熱成型模具。其中“防燙碗脚的塑料器皿模具”、“塑料氣壓熱成型模具”等已獲國家實用新型專利。

Adopting professional mould design soft ware such as CAD,3D and so on, equipped with high precision CNC digital control process center, CNC line cutter, discharging processing machine, TDV three-dimensional scanner and so on. We major in designing thermoforming mould for plastic container, such as all kinds of plastic cups, plastic bowls, plastic boxes and so on, in which, Therm-proof bowl foot plastic container Mould and Plastic Pneumatic thermoforming Mould have got national New Practical Patent.





翻轉模具
Tilting Mould

- 配合翻轉式熱成型機，生產出的制品不經吹出，故不易變形。
- 模具底部設有負壓裝置，保證模具生產時的排氣性與制品外觀。
- Match with the Automatic Thermoforming Machine, the products are automatically stacked without deforming.
- The mould bottom with vacuum device assures the exhaustion and the product appearance when molding.

多工位模具
Multi-Position Thermoformer's Mould

- 全自動成型、衝孔、衝剪、堆疊、計數，穩定快速。
- 采用上下兩組伺服電機控制，可實現產品正負壓成型。
- Automatically forming, punching, cutting, stacking and counting, stable and fast.
- Two sets of servo motors enable forming with pressure and vacuum air.

邊料粉碎機
Roller-Press Conveying for

針對寬面的板料、廢料、薄膜、及熱成型邊料，開發各種專用粉碎機，以自動拉引進料輸送到粉碎室細碎，再透過風車運送至旋風器儲存，藉由定量比例與原料混合，造成小型的回收系統。減少運作成本與廢料產生，是經久耐用的機型。

AR series aims to granulate wide board material, waste material, film, and thermo forming edge material; we develop this model with roller design to automatically transport the material into granulating room, and adopt blower to send material into cyclone to store material. With proportional mixing of raw material and granulated material, we have a small recycling and achieve the benefits of reducing operating cost, and raw material cost.

稱重混料機
Dosing Unit

TSM OPTI-MIX1500稱重混料機最大產能可達到每小時1.5噸，最多擴展到8個組份。該機器融合了TSM最新的閥門設計和專利混料螺杆技術，極大提高了稱重配比精度和攪拌均勻性。同時TSM爲每臺混料機單獨配備一個彩色觸摸操作屏，頁面采用圖標化設計，使操作更加方便和人性化。TSM混料機提供諸如以太網，Profi-Bus/Net，ModBus，RS422等多種通訊方式，以方便客户向上級系統傳輸數據。

OPTI-MIX 1500 Batch Blender can accommodate up to eight material components while providing throughput rates up to 1500 kg/hr (3300lb/hr). OPTI-MIX 1500 utilises patented TSM slide valve design and the patented reverse-flight auger mixing technology. This combination provides superior accuracies, blend ratios mixing homogeneity that is not achievable by competitive systems. All components are blended by weight based on the preset blend ratios on the microprocessor controller. Each component is metered separately into a single weigh hopper, which measures and controls their rate.

自動真空上料機
Vacuum Loader

采用三相高壓静音風車，規格型號多達50種以上，涵蓋輸送高度由4-10米，輸送能力自300-2000公斤/小時的顆粒原料、粉碎料、片材等，足以滿足各種應用需求。根據客户的實際應用，可加裝除塵裝置、抛空裝置和截料裝置。

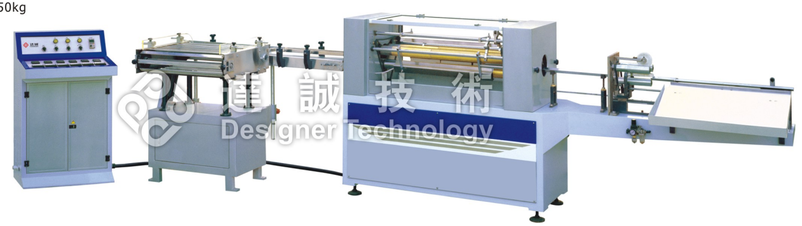
Autoloader is equipped with high-pressure and muting blower (3-phrase). There are more than 50 types of this series can be used to feed granule, regrinding or sheet. The feeding height is from 4m to 10m, and the capacity is from 300kg/h to 2000kg/h. There are some devices for option such as dust-remover, clean device, and material cut-off device.

- 調速方式：變頻調速
- 適應塑杯材料：圓形口PP、PS、PET塑杯
- 適應塑杯口徑：50～150mm
- 電源：380V／50Hz
- 卷邊速度：≤400個／分鐘
- 整機功率：13kw
- 耗氣量：0.5m³／min
- 設備尺寸：4500×1100×1300mm
- 重量：750kg

- Adjusting method：speed adjusted by frequency conversion
- Suitable cup material：round mouth PP、PS、PET plastic cup
- Suitable cup size：50-150mm
- Power：380V/50Hz
- Rolling speed：≤400pcs/min
- Total power：13kw
- Consumed air：0.5m³/min
- Measurement：4500×1100×1300mm
- Weight：750kg

▲ 樣品 samples

BAG50型卷邊機
BAG50 Rim Roller



自動包裝機
Automatic Packing Machine

- 一體式設計，光纖數杯。
- 高效率，低能耗。
- Counting with fiber optic sensor, the packing machine is integrated design.
- High efficiency and low power consumption.

參數 Parameters / 機型 Model	膜寬(mm) Film Width	包裝長度(mm) Packing Length	速度(分鐘) Max Speed(pcs/min)	杯子口徑(mm) Cup Diameter	杯子個數 Max Quantity
W-560	560	1000	50×25 cycle	40-110	100
W-400	400	900	50×25 cycle	40-105	100

預熱機
Pre-heater

採用2根熱滚筒低速運轉，對片材進行雙面貼體連續加熱，熱效應高；恒温控制，能耗低。與主機連接方便,操作簡單。

主要參數：

適應片材最大厚度：2.0mm
最大走片速度：約 210mm/s
最大加熱功率：34.2kw
最大驅動功率：1.1kw
鋁質輥筒：φ500×1000mm，兩根，表面硬氧處理。
温度設置範圍：常温140℃，建議控制在80-120℃間。
外形尺寸：L2500×W1400×H2100(mm)
重　　量：約 1.5T

There are two hot rollers running in low speed in order to heat the sheets clingyly in two sides constantly. The roller material is Al alloy, its heating effect is very high and low power consumption. It has the practical function. The roller connect with the main machine easily and operate simply.
Main parameter:
Max. sheet thickness：2.0mm
Max. sending speed：Approx. 210mm/s
Max. heating power：34.2kw
Max. driving power：1.1kw
Aluminium roller：Φ500×1000mm，two，surface is hard oxygen.
Temperature range：normal temperature 140℃，advice to control in 80—120℃.
Measurement：L2500×W1400×H2100(mm)
Weight: 1.5T

電腦定長裁切機
Computer drive setlength slitter

▲ 樣品 samples

- 采用伺服馬達引取片材
- 采用液壓缸切割片材
- 刀具材料：9CrSi四面刃口
- 裁片寬度：800-1500mm
- 裁片長度：50-1500mm
- 裁片厚度：0.15-3mm
- 裁片精度：±1mm
- 裁切最高頻率：40次/分鐘
- 動力功率：3kw
- 控制形式：PLC可編程控制
- 重　　量：約900kg
- 外形尺寸(長×寬×高)：1900×1700×1600(mm)

- Used servo sending
- Used hydraulic pressure tank to catting the sheets
- Cutter material：9CrSio fur sides cut
- Slitting width：800-1500mm
- Slitting lenth：50-1500mm
- Slitting thickness：0.15-3mm
- Slitting precision：±1mm
- Slitting speed：40pcs/min
- Drive power：3kw
- Control type：PLC
- Weight：about 900kg
- Measurement(length×width×high)：1900×1700×1600(mm)

印杯機
Cup Printer

- 最快每分鐘600個圓杯的印刷速度
- 8色配置和照片級的印刷效果可以滿足您任何高端印刷要求
- 杯模、印版更換迅速（20分鐘）滿足不同規格或相同規格多品項客户短期内集中供貨的特殊需求
- 最大印刷高度：150毫米
- 6塊橡皮方式最大印刷長度：368毫米
- 3塊橡皮普通挂板方式最大印杯長度：540毫米

- Speeds up to 600pcs/cups
- 8 clours and Photographic printing
- 20 Minutes mandrel and printing plate Changeover
- 150mm Maximum print height
- 368mm maximum print length using 6 blanket mode
- 540mm maximum print length using 3 blanket mode（Pin bar）

印杯機
Cup Printer

- 全伺服同步控制。（主電機，印刷主機，進杯，出杯，數杯都采用伺服電機）
- 采用日本進口分度箱。
- 歐洲UV系統。
- 印刷色組雙串墨輥。上墨輥通水冷却。
- 最大杯子口徑：142mm
- 最大印刷直徑：125mm
- 最大印刷高度：150mm
- 最大印刷速度：450個/分

- Full Servo Synchronous Control.（Main motor，printing unit motor，cup feeding，cup taking out and cup counting，all these parts are servo motor control）
- Adopting Imported Japanese Indexer.
- European UV System.
- Double Dancing Rollers in Inking Unit. Fountain Roller Water Cooling System.
- Maximum Cup Diameter (OD)：142mm
- Maximum Printing Diameter：125mm
- Maximum Printing Height：150mm
- Maximum Printing Speed：450pcs/min

破 碎 機
Crusher & Grinder

片材、邊料回收機適用于回收破碎擠出機生產綫工作時產生的合格產品及兩條以上的邊料，然后將粉碎的料經風機（或吸料機）立即吹（吸）送到擠出機入料口位置，從而達到100%回收邊料，達到循環利用、節省成本的效果。

Sheet and edge materials recycling machines are applicable for recycling the sheets and edge materials from plastic extruder. The procedure is tracting, crushing, blowing the flake pellets to the feeder, to achieve the goal of 100% recycling and save cost.

制杯粉碎回收機適用于制造飲用杯、碗等包裝機械（制杯機）配套使用。集即時粉碎、輸送、儲料爲一體的運作，過程中處在全封閉狀態下進行，避免污染及節省人工。

Auxiliary for thermoforming machine. On-line crushing, transporting and storage in the complete sealed condition, advoid the polution of the recyling materials and need less labor.

冷 水 機
Chiller

工業冷水機廣泛用于塑料、電子制造、醫藥化工、印刷等工業生產，它能精確控制現代工業機械化生產所要求的溫度，從而大大提高了生產效率及生產品質。采用名牌壓縮機及電氣元件，精確控制水溫±1℃，設定溫度範圍5℃–50℃。

Industrial chillers are widely used in industries, including plastic & rubber machinery, electroplating, pharmacy, chemical engineering and printing. They can precisely control temperature in any process requiring water cooling, and greatly improve the efficiency and quality of production.
Use famous brand compressors and electric components, precisely control water temperature with variation of ±1℃. Temperature can be set in the range from 5℃ to 50℃.

空 壓 機
Air compressor

主要應用于塑料包裝、化裝品包裝、藥品包裝、食品飲料包裝等吹瓶行業。噪音低、供氣性能穩定；一體化的集成系統構思；壓縮空氣殘油量≤ 0.001ppm，含水量爲常壓露點-23℃；機組采用獨特的風冷技術，具有更廣泛的適用性。

High stability and low noise;
Oil content ≤ 0.001 PPM, water dew point -23℃;
Air-cooled designed

客户服務
Customer Service

我們的追求就是：在最短的時間内，用最有效的方法，幫助我們的客户解决問題！

Our pursuit is: Using the most effective way to help our customers resolve the problem in the shortest time!

高速快捷的售后服務流程
Efficient after-sales service process