



明暉國際集團
MING WEI GROUP



www.max-gp.com
www.mingwei.com

明暉機械(東莞)有限公司

MING WEI MACHINERY (DONGGUAN) CO., LTD.

廣東省東莞市大朗鎮大朗水新路229號

No.229 Shuixin Rd., Da Lang Zhen, Dongguan City,

Guangdong Province, China

TEL: +86-769-8297-9100,

FAX: +86-769-8297-9110

E-mail: sales-dg@mail.mingwei.com.tw

Contact Person: Mr. Douglas Lin

MOBILE: +86-185 6590 9727

明暉紙器機械股份有限公司

MING WEI PAPERWARE MACHINERY CO., LTD.

臺灣總公司 HEAD OFFICE(TAIWAN)

臺中市沙鹿區清泉里清泉路1號

No.1, Qingquan Rd., Shalu District, Taichung City
433, Taiwan

TEL: +886 4 26153117

FAX: +886 4 26154017

http://www.mingwei.com

E-mail: mwcold@mail.ms15.hinet.net

康卓林機械股份有限公司

Control-ing Litho Laminator Machinery CO., LTD.

嘉義縣大林鎮中坑里大埔美園區三路32號

No.32, Dapumeiyuanqu 3rd Rd., Dalin Township,

Chiayi County 622, Taiwan (R.O.C)

TEL : +886 5 2955008

FAX : +886 5 2955007

E-mail : kangzhuolin@gmail.com

日本明暉分公司 JAPAN BRANCH

Royal Akasaka Saloon 706, 1-5-20, Motoakasaka,

Minato-ku, Tokyo, 107-0051, Japan

TEL: +81 3 5412 0577

FAX: +81 3 5412 0578

e-mail: zvd06204@gmail.com

泰國明暉分公司 THAILAND BRANCH

51/20 Moo 3, Bangpla, Bangplee, Samutprakarn

10540, Thailand

TEL: +66(0) 92 413 1878

E-mail: davidliu7293@mail.mingwei.com.tw

Contact: Mr. David Liu

印度分公司 INDIA Office - PUNE

G102, Empire Estate, Chinchwad, 411 019 Pune,

Maharashtra, India

E-mail: amanda@mail.mingwei.com.tw

mwcold@mail.ms15.hinet.net

Contact Person: Ms. Amanda Liao,

Mobile: +886 987 580 885

Contact Person: Mr. Piyush Kumar

MOBILE : +91-7709333582

阿聯酋(迪拜)明暉分公司 DUBAI BRANCH

Office No.1002, Westbury Tower 1 Marasi Drive,

Burj Khalifa Area Business Bay, DUBAI-UAE

TEL: +971 4 5808044

Mobile: +971 5064 57615 (Mr. Guang Zhao)

+971 5045 73572 (Mr. William Chen)

E-mail: mwzhaoguang@gmail.com (Mr. Guang Zhao)

william@mail.mingwei.com.tw (Mr. William Chen)



明暉國際集團

MING WEI GROUP

誠信負責 · 創新卓越

Integrity

Responsibility

Innovation

Excellence

DONGGUAN MINGWEI

明暉機械(東莞)有限公司

MING WEI MACHINERY (DONGGUAN) CO., LTD.

飞跃3000



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Design 積極開拓專業新領域

設計研發部 Research Proactively Develop New Professional Fields

明暉銷售全球100多國，累積30多年技術經驗，並不斷創新研發，結合國外策略聯盟伙伴的團隊共同研發設計及系統整合，平均1-2年即有新產品推出，並擅長整廠規劃設計與製造安裝測試，成功案例遍佈全球。

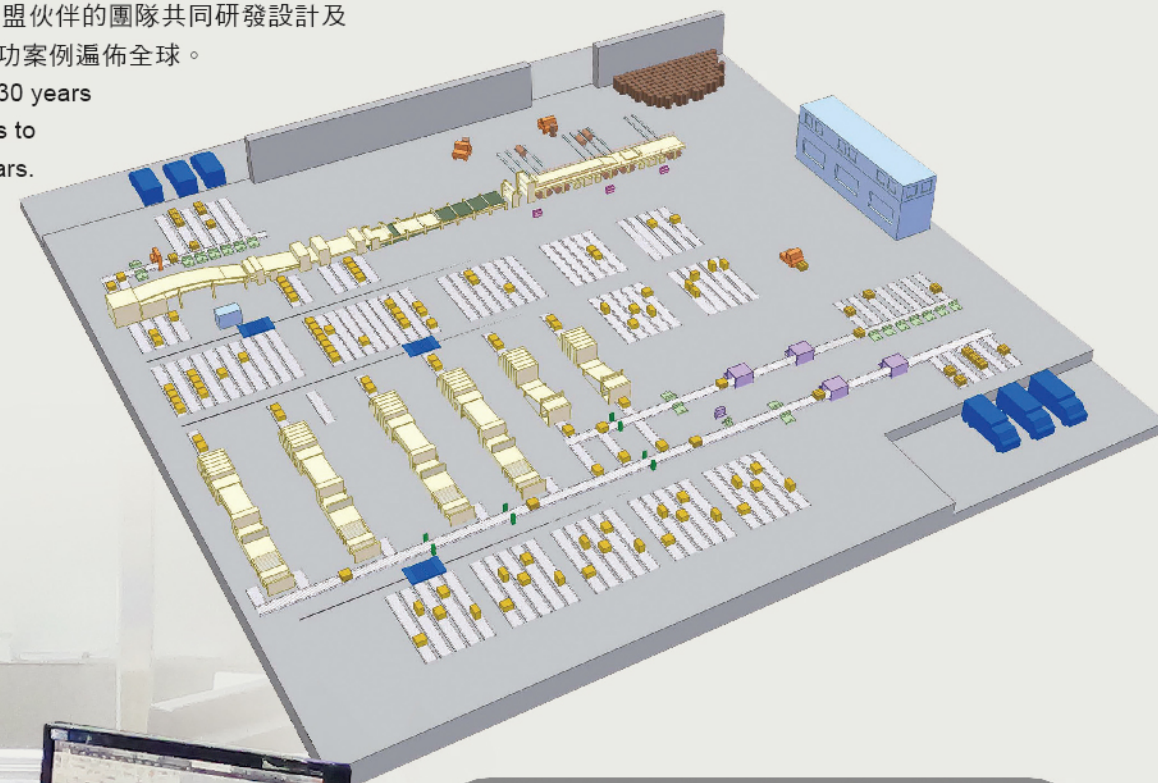
Ming Wei sells machines to global customers for about 100 countries with more than 30 years

specialized experience. We do R&D continually and integrate foreign alliance partners to

upgrade our R & D ability. Averagely we launch new products for every one to two years.

We are specialized in Turn-key project plan, designs, installation and running test.

We have a godd reputation in Turn-key projects all around the world.



總公司簡介

「台灣明暉紙器機械股份有限公司」創立於1986年，在台灣專業從事瓦楞紙板、紙箱製造設備與高速精密印刷聯動機的研發設計、生產製造和銷售，整廠投資的整合與全球銷售服務。產品獲得ISO9001程序作業的合格認證，並符合TUV和CE安全檢驗認證。明暉公司的產品銷售遍及全球100多個國家和地區，更連續榮登臺灣官方進出口績優廠商，瓦楞設備產業前三名，成為紙箱機械業的知名企業。公司於2000年，全電腦水性印刷開槽摺機T.LONG，2002年，卡匣式瓦楞紙板製造設備榮獲台灣官方頒發的台灣精品獎最高榮譽唯一獲獎單位。自2001年，即與台灣知名學校國立雲林科技大學與逢甲大學進行產學合作，在技術方面做最佳化的改善設計，為產品提供最優化的技術保障。2002年，明暉公司獲得台灣經濟部工業局【新產品創新研發專案計劃】首選企業。從2012年起，明暉更積極與美國、歐洲等先進的公司與日本資深顧問團進行新世代瓦楞紙設備的改善與研發，直到目前都持續在發展這些新技術。為了建立核心競爭力的優勢，實行資料共享，集團利益最大化，明暉公司實行全球化佈局，與美國荷蘭何倫斯系統（Alliance Machine Systems）、康卓林 Control-ing（西班牙）、日本靜岡工機（Shizuoka Koki）、日本石倉系統（Ishikura System）、日本山田機械（TOM）、日本資深顧問團等十多家結合成立【MAX GROUP】策略聯盟體系，提高聯盟伙伴在全球市場經營的競爭能力。



誠信負責・創新卓越 Integrity・Responsibility・Innovation・Excellence

推動企業不斷發展的動力和泉源是對員工與社會負責的態度、堅定的立場和永續經營的理念。Integrity, Responsibility, Innovation, and Excellence. They are the powers to push business go up and are the responsibilities for us to our employees and society.

About Ming Wei

“Ming Wei Paperware Machinery Co., Ltd” was established in 1986. Specialized in designs, manufacturing, selling, Turnkey plan with global service for corrugated cardboard making equipment, flexo printing slotter die cutter machines, IN LINE flexo printing slotter die cutter folder gluer machines and others conveyor machines. We're awarded ISO 9001, TUV, and the CE license. Our machines were sold to more than 100 countries. Ming Wei is honored as top 3 of Taiwan government Im-Export suppliers. In 2000 and 2002, we're also awarded as “Taiwan Innovalues” for cassette single facer and T.LONG Fully auto flexo printer slotter die cutter folder gluer IN LINE machines. Ming Wei is the only company that receives this honor in this field. In 2001, Ming Wei corporate with National Yunlin University and Feng Chia University to work on upgrading the technology designs. In 2002, Ming Wei was awarded the first enterprise of “New product innovation project” from Taiwan Ministry of Economic Affairs. And start in 2012 Ming Wei was cooperated with USA and Europe advance companies and Japan corrugator industry senior consultant team for improve new generation corrugator machines and system and still develop these new technology till now. Ming Wei integrated the top companies in the field worldwide into a corporation, called “Max Group.” The group has about more than ten companies, like Alliance Machine Systems (USA, Holland) , Control-ing (Spain), Shizuoka Koki (Japan), Ishikura System, Yamada Kikai (TOM, Japan), Japan Senior Consultant team...etc, to increase the total competitive advantage and to create the “win-win” situation.





經營願景 / Business Vision

精英團隊，成為最具競爭力企業 / 技術領先，締造為全球第一品牌 / 優質文化，共享卓越的經營成果
Excellent team for being a competitive company / Leading technology for establishing the No. 1 global brand / Harmonic but autonomic culture to share the outstanding management results



專業教育訓練 / 提昇服務品質

Specialized Training / Promote Service Quality



東莞公司簡介 / About Dongguan Ming Wei

明瑋機械(東莞)有限公司佔地面積25,000平方米，為明瑋集團中國大陸總部，承襲台灣明瑋三十多年瓦楞紙生產設備技術與經驗，以生產伺服控制為主流的產品，除了高速寬幅紙板線(寬幅1.8-2.8米，速度250-400米/分)，並提供高品質與具有競爭力的配套產品與服務。
Dongguan Ming Wei is a China headquarters of Ming Wei Group, total area 25,000 square meters, and it's technology is transfer from Ming Wei Taiwan with more than 30 years experiences, Dongguan Ming Wei will produce servo control products as main products in high speed wider heavy duty corrugated line (width 1.8-2.8 m, speed 250-400 m / min), and also provide high quality and with competitively coordinate set products and services.



經營使命 / Business Mission

領導全球品牌 / 追求技術創新 / 創造卓越品質 / 實現目標利潤
Lead global brand / Pursuit technology innovation / Create excellent quality / Perform the target margin





MAX-2000

生產管理系統(參數化電腦控制系統)

Production Management System
(Parameterize Computer Control System)

1. 全自動化生產作業，提高生產效率。

採用參數式設計，自動依據紙質，電腦調整各種參數，使生產線長時間保持最高速（250/300米/分）速度生產運轉。

2. 避免人為疏忽，減少停車時間，確保品質。

減少人員操作，人員只作原紙捲的更換的工作，其餘皆由電腦全自動控制，不需太多熟練的操作人員。

3. 準確的換紙信號，減少原材料的損耗。

訂單更換時，電腦系統自動判斷更換時機，並將廢紙藉由橫切機的切除後迅速排出，不需降低生產速度，確保長時間保持最高速度運轉。

4. 即時監控生產動態。

參數化電腦系統設計，即時提供各項生產數據，並提供精確的統計報表，方便管理人員監控與適時調整生產任務。

5. 集中化資料處理，提供管理分析。

管理報表提供各項生產數據分析，作為改善的參考依據。

6. 糊量與間隙壓力自動控制。

糊量與各項輪軸間隙與壓力，自動隨紙質，車速等電腦參數控制，達到最經濟的澱粉糊使用量與最佳的生產條件。

7. 使用Windows相容電腦，PLC控制維修容易，擴充性強。

採用Windows系統設計，與其他系統的相容性佳，並採用大量PLC程式控制器，作為參數式控制的設計。

1. Fully automatic production operation by computer setting, improve productivity.

The computer control system adopted parameter design according to paper material adjusting automatically, let the corrugated line always keep on highest speed production (250/300 m/min.)

2. Prevent manual operation mistakes, reduce the machines stop time, ensure quality

Reduce manual operation, operator just need to change the raw material paper rolls, other control all by computer to set, no need too much familiar skill operators.

3. Precision order change signal, reduce raw material consumption

Computer system judging timing for order change and let the waste paper sheets from NC cutter machine cutting and remove afterward immediately, no need reduce production speed ensure keep on highest speed production.

4. Monitoring production status on line.

Computer by parameterize design, on line provide relative data of production, and offer accurate statistics report for convenience management monitoring and adjusting production plans.

5. Centralized management report provide each production data analyze for improve productivity.

6. Glue volume and gap of each major rolls and pressure, adjusting according to paper material, speed automatically for approach most economy glue consumption and best production condition.

7. Adopted Windows programs accommodate computer and PLC control easy to maintenance and extension able.

Adopted Windows system to design program and easy accommodate with other computer system, also using big amount PLC programmable for parameterize control design.

飛躍300瓦楞紙板機 Corrugator Line

速度最高可達 **300** 米/分(M/min)
Machine design:300M/min

採用創新合理的設計及高精度
Apply innovation design and high accuracy

的歐美日系及台灣零組件，
Assembly parts (made in Europe, Japan, Taiwan).

具有全自動化及
Equip with fully automatic system and

電腦控制的操作功能，
Computer control system

設備穩定高性能、低耗損的
Machine stable, and lower consume

表現令人激賞！
With excellent performance.

寬幅 **1.8 到 2.5** 米(M)
M/C width from 1.8~2.5M



飛躍系列 MW series

累積30多年的經驗，設計為適用於1.8、2.2、2.5米的3、5、7層瓦楞紙板機，機械速度由200~300米/分，具有穩定的生產速度，採用可靠與易於保養的機構設計，選用最適用的元件與系統，配合精密的電控系統，搭配選配的自動化項目，可使濕部保持高速穩定地的生產，與乾部高效率的自動換單，產出的紙板貼合良好，有效控制彎翹等不良因素，及整齊堆疊的紙板，並藉由生產管理系統電腦化控制提供的控制，使得飛躍系列的高速穩定表現發揮得淋漓盡致。

With more than 30 years of experience, it is designed to be suitable for 1.8, 2.2, and 2.5 meters of 3, 5 and 7 ply corrugated cardboard making machines. Machine speed from 200 to 300 m/min. It has stable production speed, adopts reliable and easy-maintenance mechanism design, and options the most suitable components and systems. With the precise electrical control system and the optional automatic items, the wet end can maintain high-speed and stable production, and also automatic orders change system in dry end. The output cardboard bonding well, effectively controlling bending and other undesirable factors, And the neatly stacked cardboard, and the control provided by the computerized control of the production management system, so that the high-speed and stable performance of the MW series can be fully displayed.



Shaftless Mill Roll Stand 無軸式原紙架



Preconditioner 蒸紙預熱輪



Single Facer 單面瓦楞機



Auto Splicer 自動接紙機



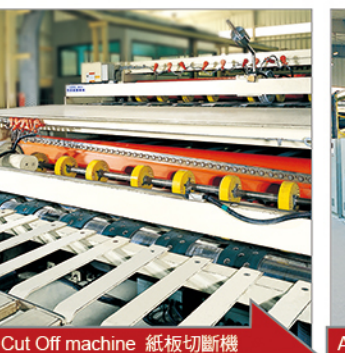
Glue Machine 雙層糊付機



Double Facer 熱板冷卻部



Slitter Scorer 電腦修邊壓線機



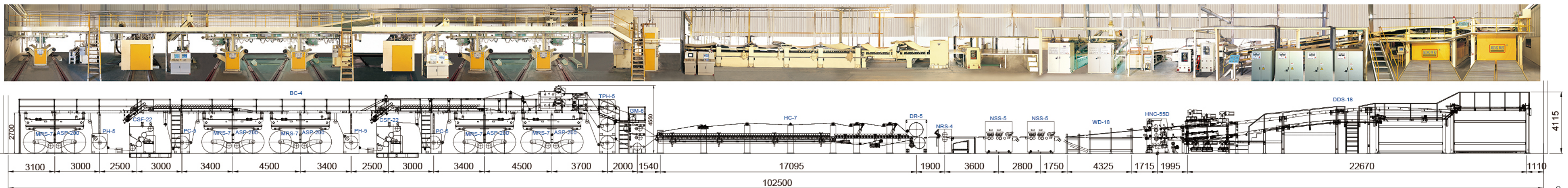
Cut Off machine 紙板切斷機



Auto Down Stacker 電腦式自動疊紙機



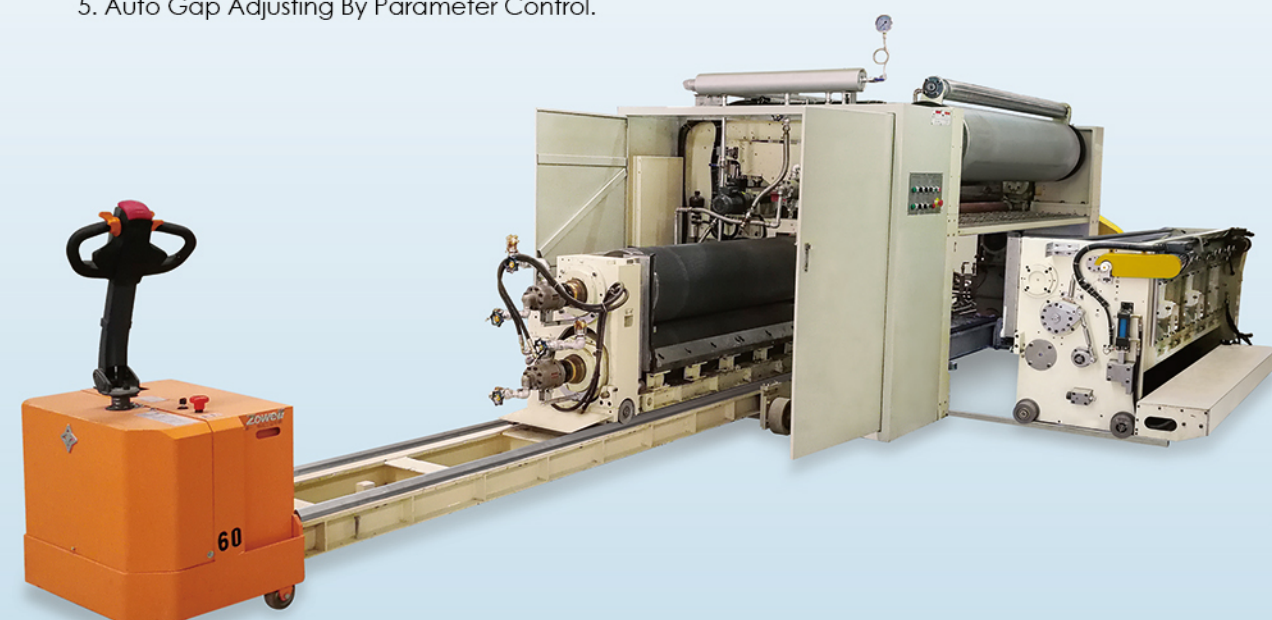
Product 成品



CSF-32H 卡匣式單面瓦楞機 (2.2~2.8M) Cassette Single Facer

1. 無糊叉正壓吹風式，上下瓦楞輪直徑：408, 340mm(大小輪設計)。
2. 最高機速：320米/分。
3. 卡匣式瓦楞輪，瓦楞輪更換快速。
4. 糊輪座分離式設計，可退出清洗，可觀測糊輪座視窗設計。
5. 參數式間隙自動調整設計。

1. Fingerless Positive Pressure Blowing Design, Upper/ Lower Corrugated Roll Dia. : 408, 340mm (Bigger, Smaller Dia. Design)
2. Max. Machine Speed : 320 M/min.
3. Quick Flute Change (Cassette Type).
4. Independent Glue Unit By Forward / Backward Moving With Visible Windows Design.
5. Auto Gap Adjusting By Parameter Control.



SF-30Q 固定式單面瓦楞機 (2.2~2.5M) Single Facer (Fixed Type)

1. 無糊叉負壓吸風罩式，上下瓦楞輪直徑：408, 360mm(大小輪設計)。
2. 最高機速：320米/分。
3. 固定模組式瓦楞輪設計。
4. 參數式間隙自動調整控制。

1. Fingerless Negative Pressure Suction Cover Design, Upper / Lower Corrugated Roll Dia. : 408, 360mm (Bigger, Smaller Dia. Design)
2. Max. Machine Speed : 320 M/min.
3. Fixed Module Type Corrugated Rolls Design.
4. Auto Gap Adjusting By Parameter Control.



SF-12Q 固定式單面瓦楞機 (1.8~2.2M) Single Facer (Fixed Type)

1. 無糊叉負壓吸風罩式，上下瓦楞輥直徑：360, 360mm。
2. 最高機速：250米/分。
3. 固定模組式瓦楞輪設計。
4. 參數式間隙自動調整控制。

1. Fingerless Negative Pressure Suction Cover Design, Upper/ Lower Corrugated Roll Dia : 360, 360mm
2. Max. Machine Speed : 150 m/min.
3. Fixed Module Type Corrugated Rolls Design.
4. Auto Gap Adjusting By Parameter Control.



SF-11Q 無糊叉式單面瓦楞機(外吸風型) (1.8~2.2M) Fingerless Single Facer

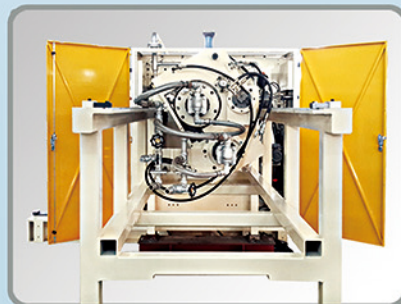
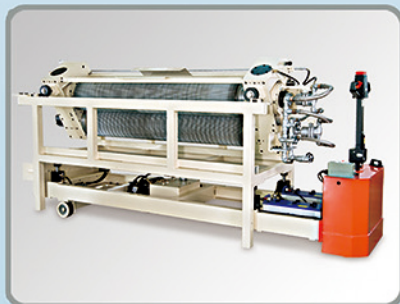
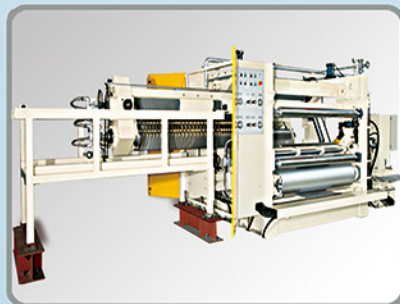
1. 無糊叉外吸風裝置。
2. 最高220m/min。
3. 瓦楞輥直徑Φ320mm、Φ320mm，壓力輪Φ320mm。
4. 糊量控制採用電動控制數字顯示方式。
5. 傳動齒輪使用浸油工業齒輪箱集中傳動，增加使用壽命。
6. 模組式換輪結構，方便迅速。

1. Fingerless & suction type.
2. Max. machine speed 220m/min.
3. Corrugated Dia. Φ320mm, Φ320mm, Pressure Roll Φ320mm.
4. Transmission gear is using oil bath gear box to extend life.
5. Modular corrugated roll change type to easy and quick operation.
6. Corrugated module type, easy to change.



CSF-22 卡匣式單面瓦楞機 (1.8~2.2M) Cassette Single Facer (Positive pressure type)

1. 正壓卡匣式設計，瓦楞輪在上，壓力輪在下。
 2. 最高速度250米/分。
 3. 瓦楞輥直徑Φ340mm、Φ340mm，壓力輪Φ390mm。
 4. 獨立式糊輪座可退出清洗，糊量控制採用電動控制數字顯示方式。
1. Positive Pressure Design.
 2. Top Speed 250 m/min.
 3. Corrugated Roll Dia. Φ340mm, Φ340mm, Pressure Roll Dia. Φ390mm.
 4. Independent Glue Unit Out Movable, Glue Gap With Digital Display.

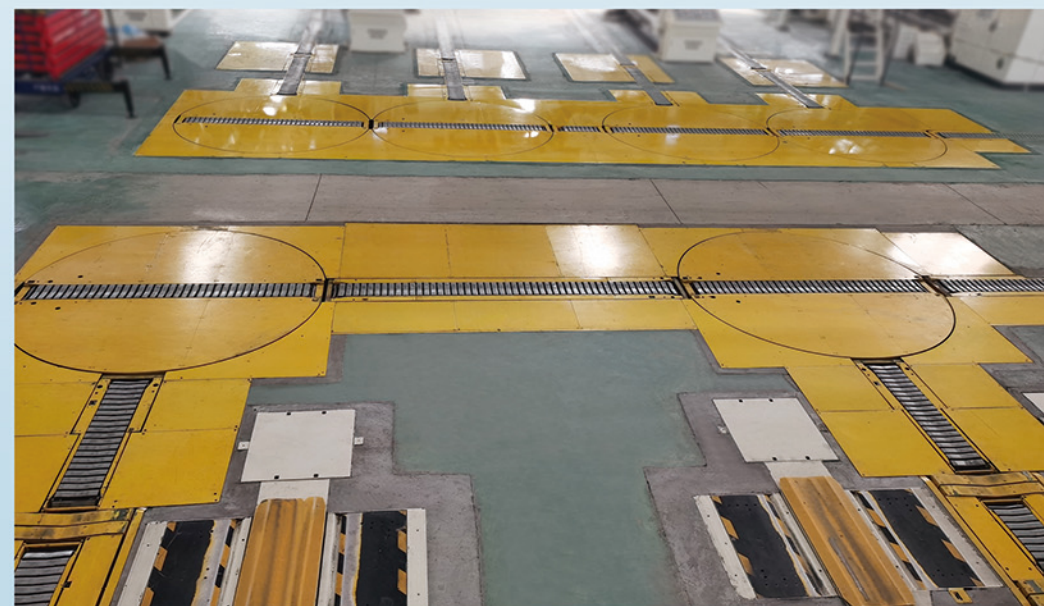
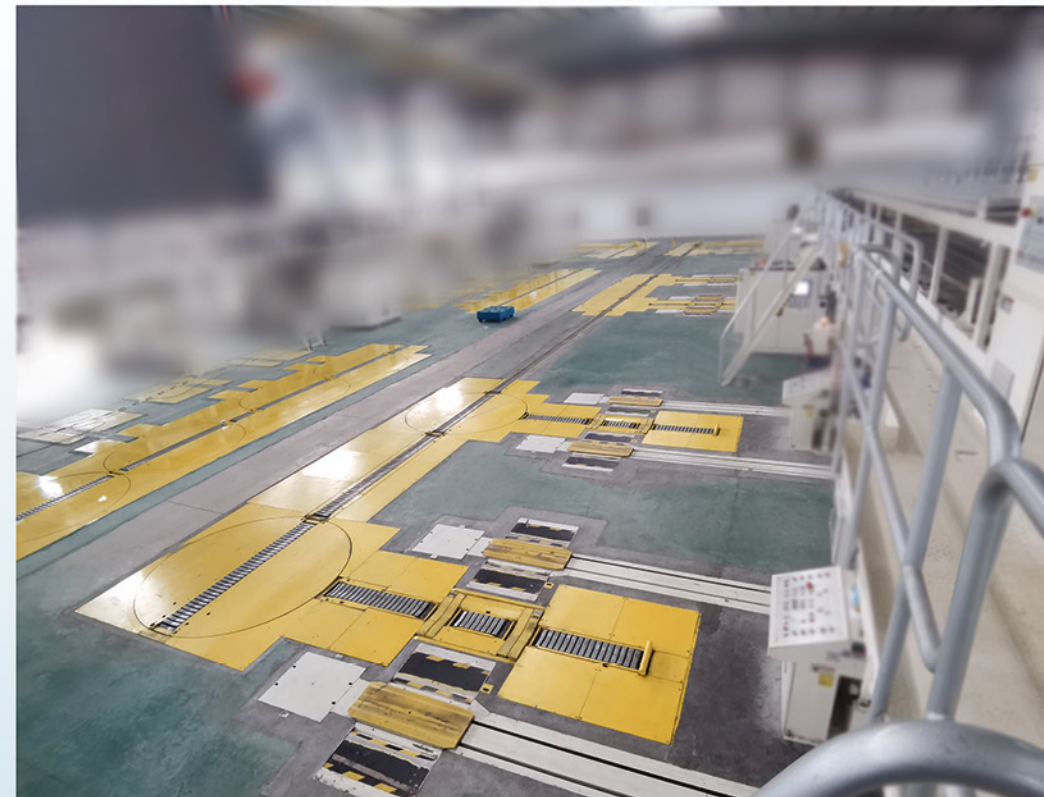
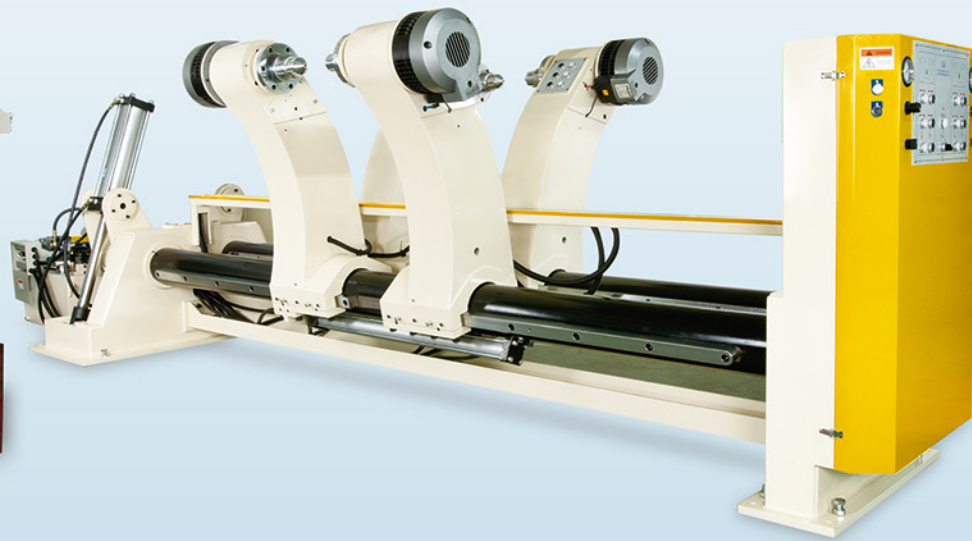


選配Optional:

張力剎車
Tension Brake

MRS-7 無軸式原紙架 Shaftless Mill Roll Stand

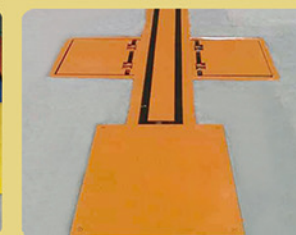
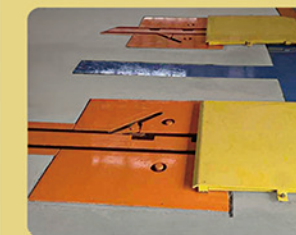
1. 最大夾紙直徑Φ1600mm。
 2. 全油壓力操作。
 3. 張力控制：採氣壓力剎車。
1. Max Roll Dia : 1600mm.
 2. Swing/Arc Arm Type.
 3. Fully Hydraulic Operation.
 4. Tension Control : Pneumatic Disc Brake.
 5. Chuck : Torque or Cone, Customer Option.



瓦楞紙板生產線進倉/回倉系統(選配) Corrugated Board Production Line Conveyor System

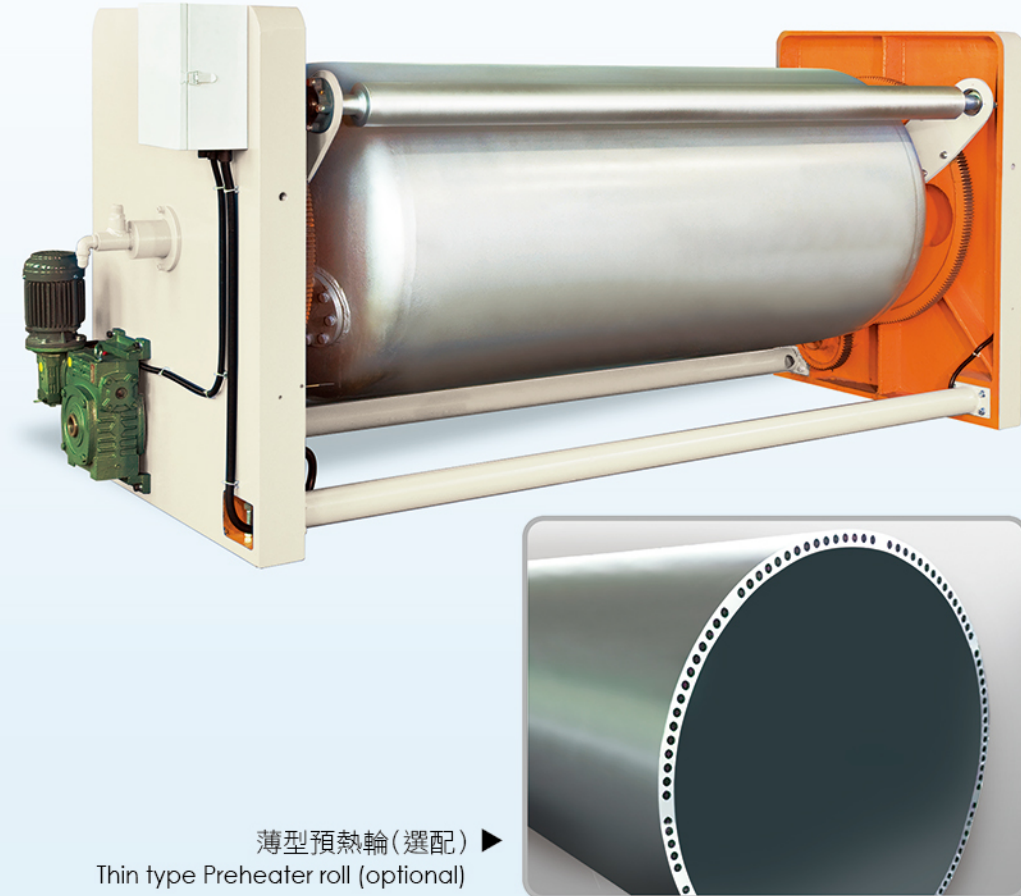
原紙輸送介紹：
原紙輸送系統包括原紙進紙輸送系統、原紙退紙輸送系統和原紙秤重系統。進紙系統可聯機生管系統和ERP系統，經鏈板輸送線、原紙轉盤等設備將原紙輸送到紙板線的指定位置。退紙系統自動檢測到退下的原紙後，經鏈板輸送線可自動輸送到原紙存放區，秤重系統可連線原紙退紙系統，並聯機ERP系統，將餘下紙捲的重量自動輸入ERP系統中。

Paper Roll Delivery System :
Including Feeder System, Release System And Weighing System. Feeder System Can Be Connected To Production Management System And Erp System, Conveying The Paper Roll To The Assigned Position Of The Corrugator Through The Chain Plate And Tuning Table Etc. Release System Automatically Detects The Unspent Paper Roll To Return To The Warehouse. The Weighing System Can Be Connneted. To Release System And Erp System, Automatically Input The Weight Of The Paper Roll Into Erp System.



PH-5 面紙預熱輪 Preheater

1. 預熱輪外徑 $\Phi 1000\text{mm}$ 。
 2. 預熱範圍 $60^{\circ}\sim 270^{\circ}$ 。
 3. 使用大外徑預熱缸，增加原紙預熱面積，使原紙能得到最適當的溫度與濕度。
1. Preheater Dia : 1000mm.
 2. Wrap Arc : 60 to 270 deg.
 3. Independently Driven for even heat transfer.



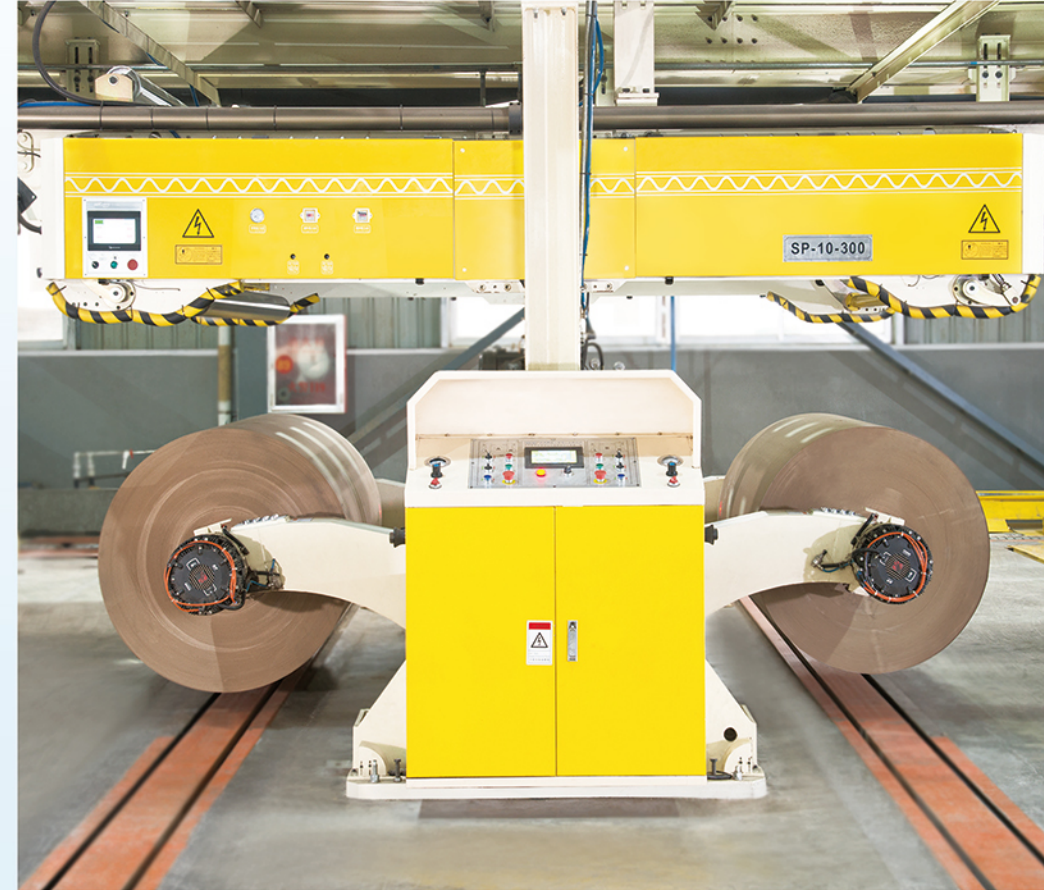
PC-5 蕊紙預熱輪 Preconditioner

1. 預熱輪外徑 $\Phi 1000\text{mm}$ 。
 2. 預熱範圍 $60^{\circ}\sim 270^{\circ}$ 。
 3. 採單面蒸氣霧裝置，調節芯紙濕度。
1. Preheater Dia : 1000mm.
 2. Wrap Arc : 60 to 270 deg.
 3. Independently Driven.

ASP-200/250/300 自動接紙機 Auto Splicer



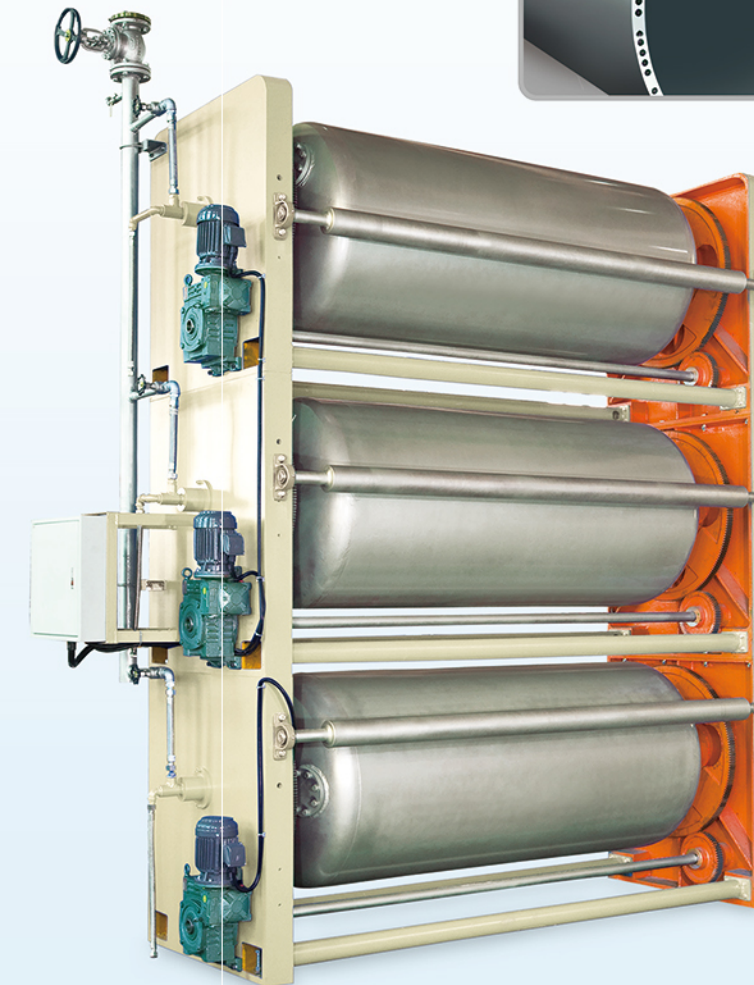
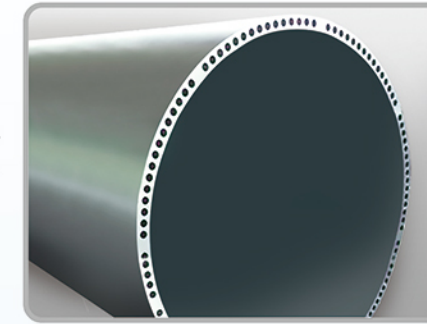
1. 懸吊式設計。
 2. 最高接紙速度 $200/250/300\text{ m/min}$ 。
 3. 附張力控制。
1. Hanging swing type.
 2. Max. splicing speed : 200/250/300 m/min.
 3. Tension control system.



TPH-5 三重預熱輪 Triplex Preheater

1. 預熱輪外徑 $\Phi 1000\text{mm}$ 。
 2. 最大預熱面積 $60^{\circ}\sim 270^{\circ}$ 。
 3. 使用大外徑預熱缸，增加原紙預熱面積，使原紙能得到最適當的溫度與濕度。
1. Preheater Dia : 1000mm.
 2. Wrap Arc : 60 to 270 deg.
 3. Independently Driven for even heat transfer.

薄型預熱輪(選配) ►
Thin type Preheater roll (optional)



BC-4 天橋輸送部 Overhead Bridge Conveyor

1. 各單瓦機上方安裝上引輸送架一組。
2. 採用高摩擦力輸送皮帶，與瓦楞機速度同步，使瓦楞紙輸送平整不倒楞。
3. 雙層式平行輸送架導引單瓦紙至三重預熱輪。

1. Take-up conveyor at each single facer.
2. High friction conveyor belt runs simultaneously with Single Facer, via follower drive, ensuring accurate efficient shingling.
3. Double level type conveyor guides the board into the triple Preheater.

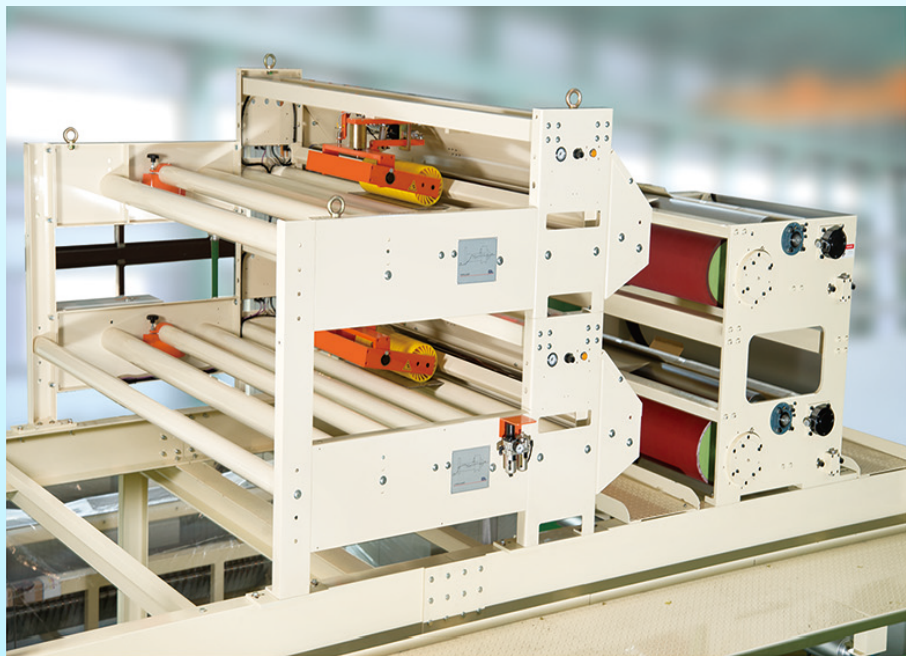


AT-4

自動對邊及剎車裝置

Edge Aligning & Tension Brake

- 1. 寬度可以依照紙寬自動調整。
 - 2. 低噪音,高準確性,以及紙張力需求的高穩定性。
 - 3. CCD顯像設計,校對準確方便。
 - 4. 改變紙寬自動根據新的紙張寬度。
- 1. Auto Adjusting Paper Width And Edge.
 - 2. Low Noise, High Accuracy And According To Paper Material Gsm Auto Adjusting.
 - 3. CCD Display, Convenience For Edge Aligning.
 - 4. Orders Change According To Paper Width Adjusting Automatic.

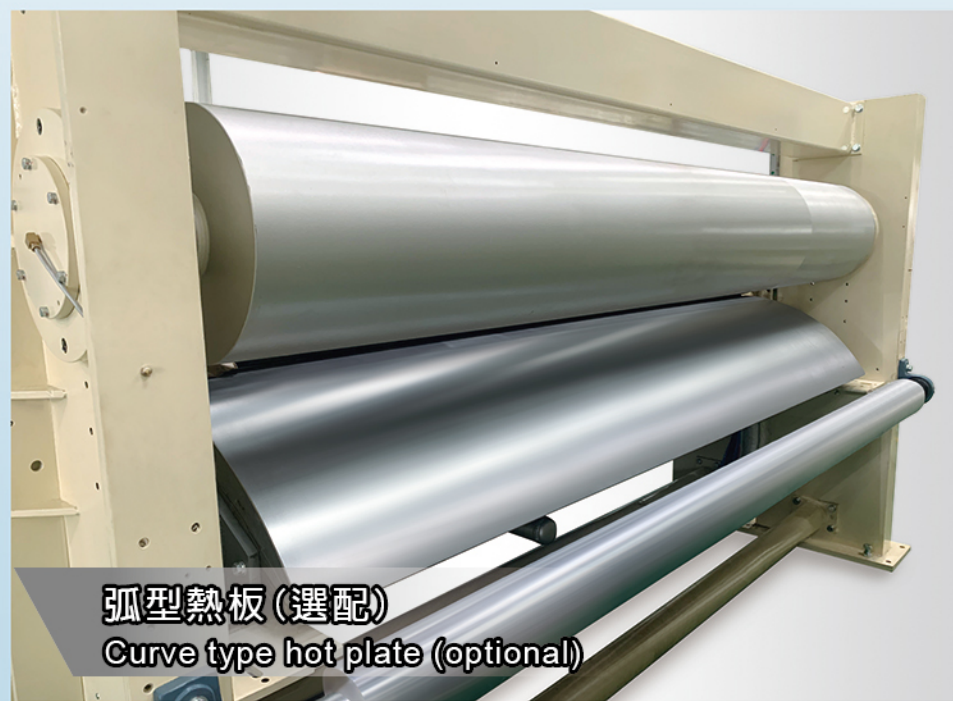


HC-7 熱板冷卻部 Double Facer

1. 重力輻之升降，以油壓電控操作，並可隨車速自動昇降加壓。
 2. 熱板表面經研磨及鍍鉻處理。
 3. 氣袋式加壓傳熱系統，可提高熱量傳導(SHS選配)。
-
1. Hydraulic raising & lowering of weight rolls via electrical control unit.
 2. Heating Plate is ground and chrome plated.
 3. Automatic tension adjustment for canvas belt.
 4. Optional press system increases heat transfer efficiency & speed.



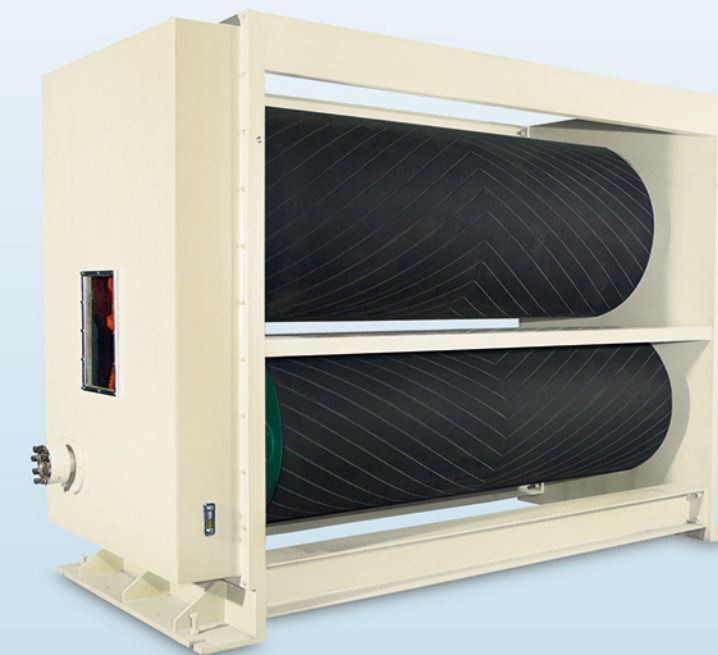
薄型熱板(選配)
Thin type hot plate (optional)



弧型熱板(選配)
Curve type hot plate (optional)

DR-5 驅動部 Drive Roll Stand

1. 驅動輪外覆螺旋型橡膠送紙板穩定佳。
 2. 油浴式齒輪箱，增長壽命。
-
1. Drive rolls are lagged with rubber for greater traction.
 2. Oil bathed lubrication system prolongs the lifespan of gears.

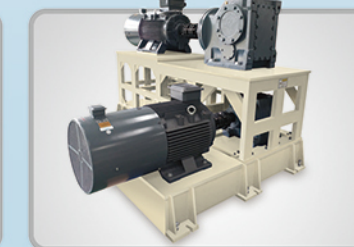
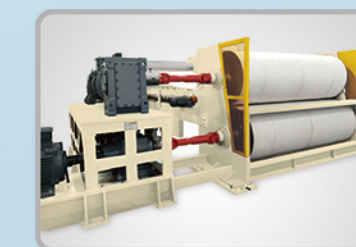


DR-6 驅動部(直接驅動)(選配) Drive Roll Stand (Direct drive) (optional)

1. 驅動輪外覆人字型橡膠使紙板傳送穩定。
 2. 採用大型萬向接頭，傳動穩定。
 3. 大型伺服驅動馬達，直接傳動驅動輪。
-
1. Drive Rolls Are Lagged With Rubber For Greater Traction.
 2. Adopted Universal Transmission Joint.
 3. Adopted Direct Connect For Servo Main Drive Motor Transmission.



溫控/蒸氣回收系統
Temperature control/ Steam
recycle system (選配)(Optional)

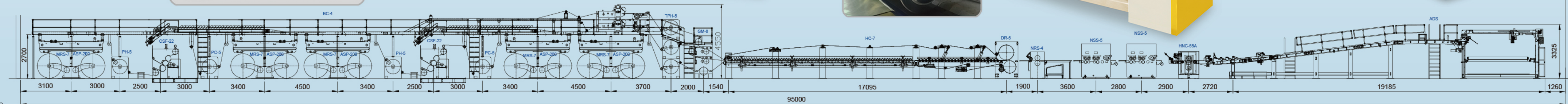
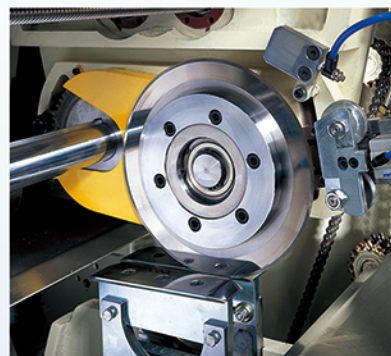


NRS-4 多功能廢紙剪斷機

Multi Functional Rotary Shear

1. 訂單更換時，切刀自動運作。
2. 可全寬幅切斷，也可局部切斷。
3. 模組式刀片設計，刀片伸縮由汽缸控制。

1. Blades Automatic Operation While Orders Changed.
2. Full Width Cut Off Or Partial Cutting Of Web.
3. Module Blades Design With Pneumatics Control Position Of Blades.



NSS-5 (Single) 電腦修邊壓線機

(Double) Slitter Scorer

1. 修邊刀5組(1.6/1.8m)，6組(2.2/2.5m)，壓線輪8組(1.6/1.8m)，10組(2.2/2.5m)。
2. 尺寸調整:採用電腦控制。
3. 自動磨刀裝置，可依預設之使用長度個別調整。
4. 使用空氣冷卻修邊刀，不變型，不污染紙板。

1. Slitter Knives : Dependant on machine width, for ref 5sets 1.6m/1.8m , 6 sets for 2.2m/2.5m.
2. Size : Set up by Computer Control.
3. Automatic Knife Grinding device, operation of unit established by blade usage.
4. Slitter Knives are air cooled, ensuring good knife life and no oil contamination of product.

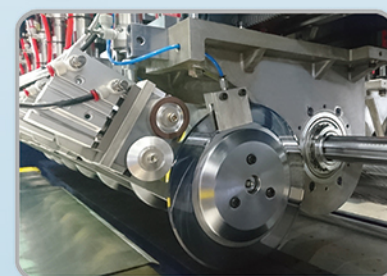


SNS-87H 電腦伺服修邊壓線機（上刀式）

Servo Type Nc Slitter Scorer (Upper Slitting Knives Type)

1. 採用電腦伺服設計，換單速度快。
2. 採用兩組分開的壓線輪，零壓線設計，並具有預壓線功能。
3. 下壓線輪具有平凹凸橫向移動切換功能。
4. 採用線性滑軌與單支滾珠螺桿設計，使伺服馬達定位精密，快速，可靠。
5. 修邊刀具有自動磨刀與空氣冷卻的功能，能得到更佳的分切品質。

1. Computer Servo Control Slitter Scorer Machine Design, No Stop And Order Change Quickly.
2. The Scorer Wheels By Separated Two Groups, With Zero Gap And Pre-scorer Design.
3. Lower Scorer Wheels With Flat-female-male Shape And Lateral Moving Design For Change Shape.
4. With Liner Rails And Single Ball Screw For Servo Motor Positioning Precision, Quickly, And Reliable.
5. Slitting Knives With Auto Grinding And Air Cooling Function For Get Better Slitting Performance.

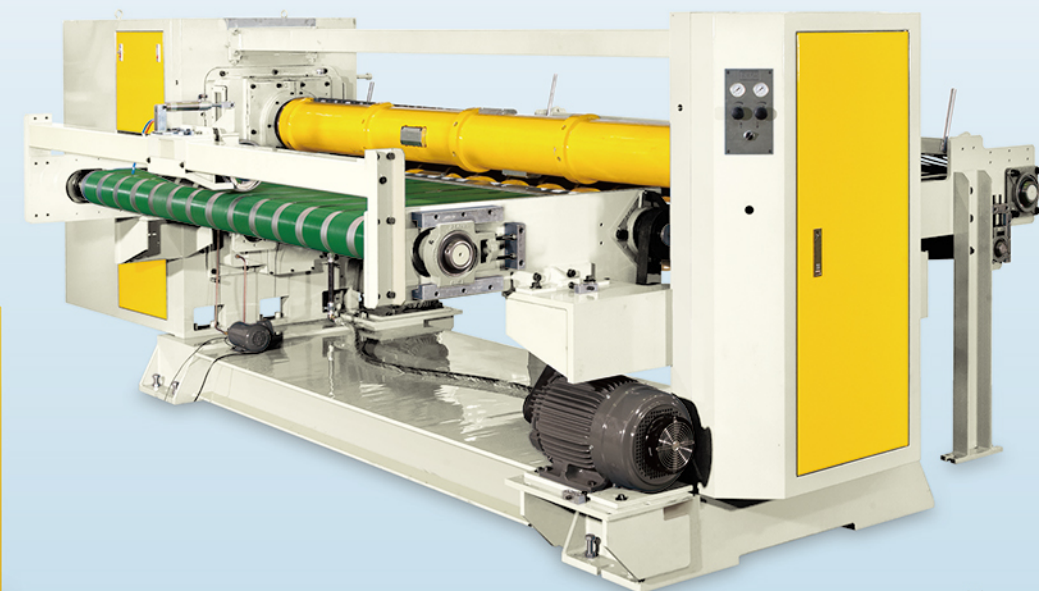


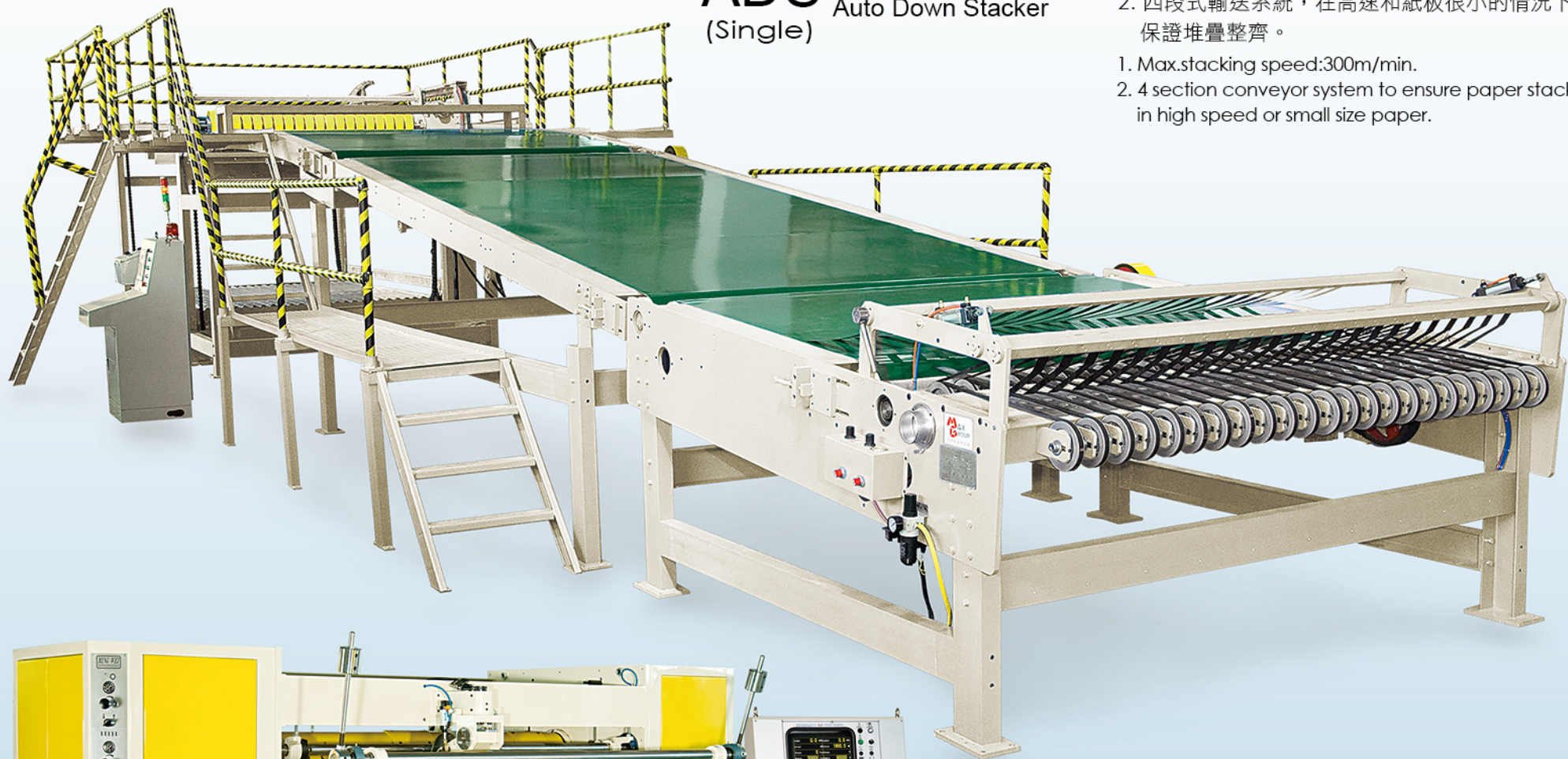
HNC-80H 電腦紙板切斷機(雙驅動)

NC Cut Off Machine (Double Drive)

1. 重型機壁與鋁合金刀管設計，刀軸重量輕，高速運轉穩定。
2. 採用螺旋刀，傳動齒輪經熱處理與精密研磨。
3. 特殊的潤滑油循環系統，確保齒輪與軸承得到絕對的潤滑。
4. 由電腦與伺服馬達控制切斷長度，上下刀軸採用2顆(HNC-80H)伺服馬達。
5. 最高機械速度350米/分，切斷紙長500mm時，切斷速度可達165米/分。

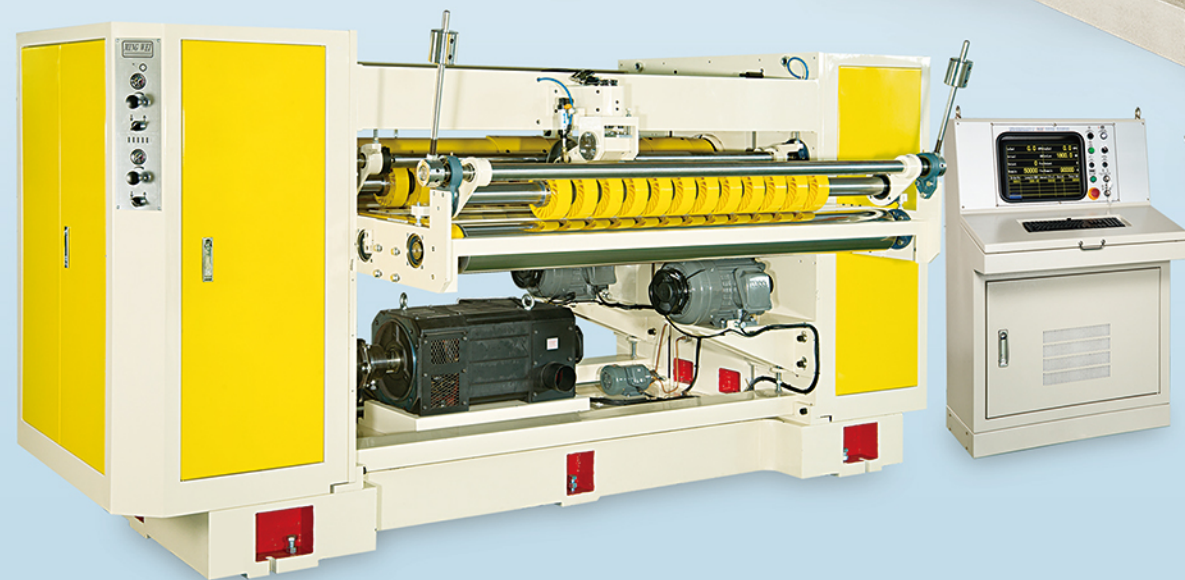
1. Heavy Duty Frames And Aluminum Alloy Tube Shafts Cutting Knives, Cutting Knives Lighting Design For High Speed Stable Running.
2. Helical Cutting Shaft Design And Transmission Gears Heating Treatment And Precision Grinding.
3. Special Lubricates Circulating System For Make Sure Gears And Bearings Get Lubricating Absolutely.
4. With 2 Units (HNC-80H) Or 4 Units(HNC-90H) Servo Drive Motor For Upper And Lower Two Knives Shaft And Computer Control Cutting Length.
5. Max. Machine Speed: 350 M/min., The Speed Can Reach 165 M/min When Cutting 500mm Length.





ADS 單層電腦式自動疊紙機
(Single) Auto Down Stacker

1. 最高疊紙速300m/min。
 2. 四段式輸送系統，在高速和紙板很小的情況下，亦能保證堆疊整齊。
1. Max.stacking speed:300m/min.
 2. 4 section conveyor system to ensure paper stacker square in high speed or small size paper.



● 螺旋刀電腦紙板切斷機
Helical NC Cut Off Machine (1.8-2.2M) **HNC-55A** (Single)

1. 採用螺旋刀設計，由電腦精密控制切斷長度。
 2. 採用AC伺服馬達與驅動器，節能省電設計。
 3. 機械速度180-300米/分，精度+/-1mm。
1. Helical knives designed by computer control precise cut off.
 2. Save energy and electricity power design by AC Servo motor driver.
 3. Max. machine speed: 180 to 300 m/min.

2 層電腦單瓦切紙機 (修邊，電腦橫切，收紙架)
2 Layer Single Facer NC Cut off machine (Slitting, NC Cut off, Stacker)



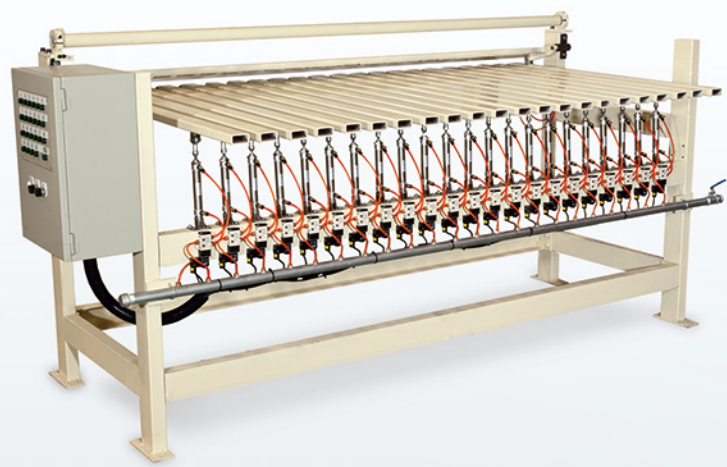
AS-3A 自動橫出點數機
Auto Delivery Output Machine with Counting Function



HNC-55D 雙層電腦紙板切斷機

Helical NC Cut Off
(Double Set Type)

- 1. 雙層式、螺旋刀設計，由電腦精密控制切斷長度。
 - 2. 採用AC伺服馬達與驅動器，節能省電設計。
 - 3. 機械速度180-300米/分，精度+/-1mm。
- 1.Double set type helical knives designed by computer control precise cut off.
2.Save energy and electricity power design by AC Servo motor driver.
3.Max. machine speed: 180 to 300 m/min. tolerance: +/- 1mm.



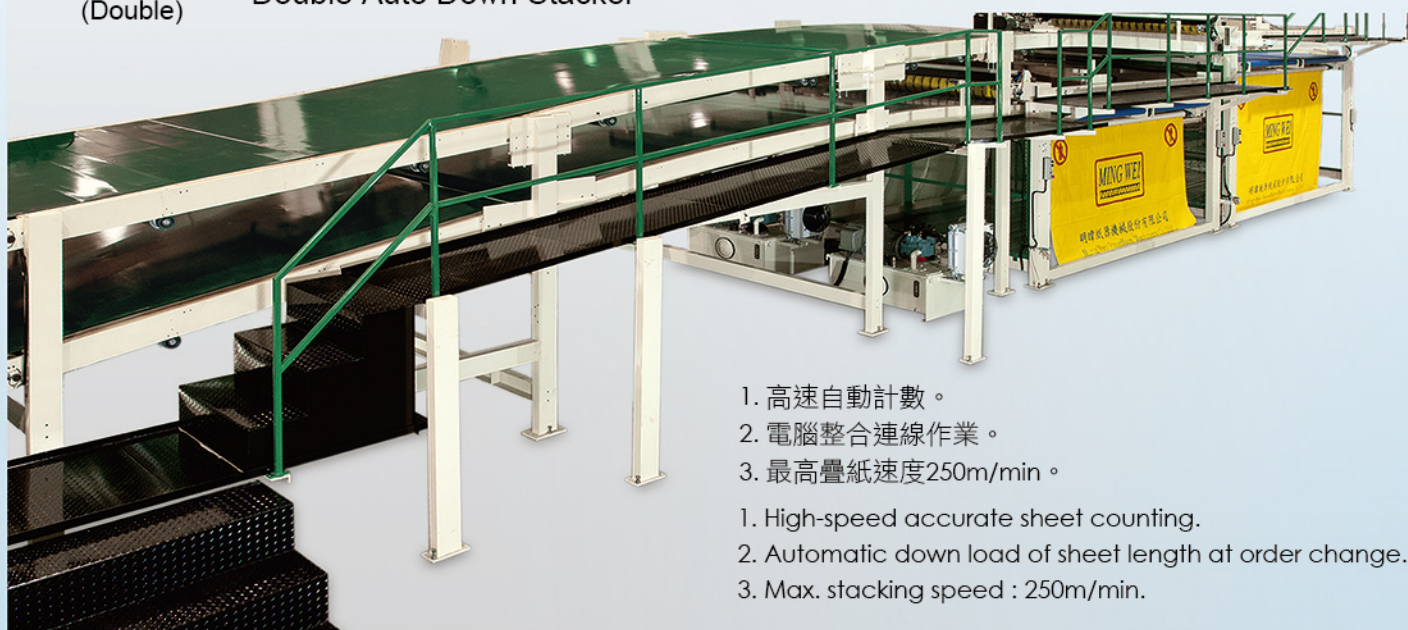
WD 分紙台

Web Director

- 1. 雙層橫切機時使用。
 - 2. 依生產管理系統指令自動分層。
 - 3. 採用氣壓缸上下分層。
1. Double NC Cut Off Using.
2. Auto Setting From Production Control System.
3. Adopted Pneumatics Cyclinder for Levels Guider Up/Down.

DDS 雙層電腦式自動疊紙機

(Double) Double Auto Down Stacker



- 1. 高速自動計數。
 - 2. 電腦整合連線作業。
 - 3. 最高疊紙速度250m/min。
1. High-speed accurate sheet counting.
2. Automatic down load of sheet length at order change.
3. Max. stacking speed : 250m/min.



規格表 Specification

瓦楞紙板製造設備 Corrugated cardboard making equipment

型 式 MODEL	最高機械速度 MAX. MACHINE SPEED	最大使用紙寬 MAX. PAPER WIDTH	產 能 PRODUCTION CAPACITY
MW-180-1800-2(1)	180 m/min	1800mm (71")	93000 M ² /8 hours
MW-180-2200-2(1)	180 m/min	2200mm (87")	114,000 M ² /8 hours
MW-250-1800-2(2)	250 m/min	1800mm (71")	114,000 M ² /8 hours
MW-250-2200-2(1)	250 m/min	2200mm (87")	139,000 M ² /8 hours
MW-250-2500-2(1)	250 m/min	2500mm (98")	158,000 M ² /8 hours
MW-300-2500-2(1)	300 m/min	2500mm (98")	180,000 M ² /8 hours

- -1:代表三層紙板機 ■ -2:代表五層紙板機 ■ -3:代表七層紙板機
-1:Single Wall (3 ply) -2:Double Wall (5 ply) -3:Triple Wall (7 ply)

楞 形 的 組 合

COMBINATION OF FLUTE

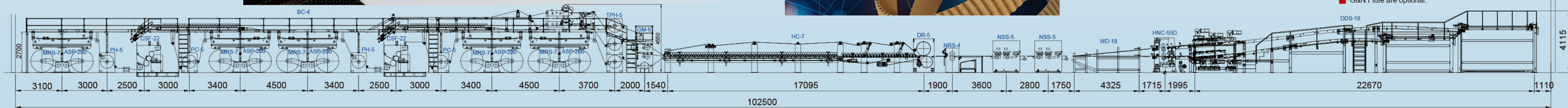
 A FLUTE SINGLE WALL	 A&B FLUTE DOULE WALL
 B FLUTE SINGLE WALL	 C&B FLUTE DOULE WALL
 C FLUTE SINGLE WALL	 E FLUTE SINGLE WALL
 F FLUTE SINGLE WALL	 E&B FLUTE DOULE WALL

瓦楞別 A,B,C,E,F 五種說明

CORRUGATION TYPE:A,B,C,E & F FLUTE SELECTED BY CUSTOMER.

- A楞： 34±2齒/300mm，楞高 4.7±0.15mm
B楞： 48±2齒/300mm，楞高 2.8±0.15mm
C楞： 40±2齒/300mm，楞高 3.7±0.15mm
E楞： 85±2齒/300mm，楞高 1.5±0.15mm
(一般五層紙板不採此楞形)
F楞： 126±2齒/300mm，楞高 0.95±0.15mm
(一般五層紙板不採此楞形)

- G&N客戶亦可選購
A-FLUTE: 34±2FLUTE/300mm，HEIGHT OF FLUTE 4.7±0.15mm
B-FLUTE: 48±2FLUTE/300mm，HEIGHT OF FLUTE 2.8±0.15mm
C-FLUTE: 40±2FLUTE/300mm，HEIGHT OF FLUTE 3.7±0.15mm
E-FLUTE: 85±2FLUTE/300mm，HEIGHT OF FLUTE 1.5±0.15mm
F-FLUTE:126±2FLUTE/300mm，HEIGHT OF FLUTE 0.95±0.15mm
■ G&N Flute are optional.





速必得 伺服固定式水性印刷糊折合機(連動線) 台灣明暉製造

Speedy Servo Fixed Tpye Flexo Printing Folder Gluer Machine (In Line) (Case Maker) **Made in Ming Wei Taiwan**



技術創新、高精度生產

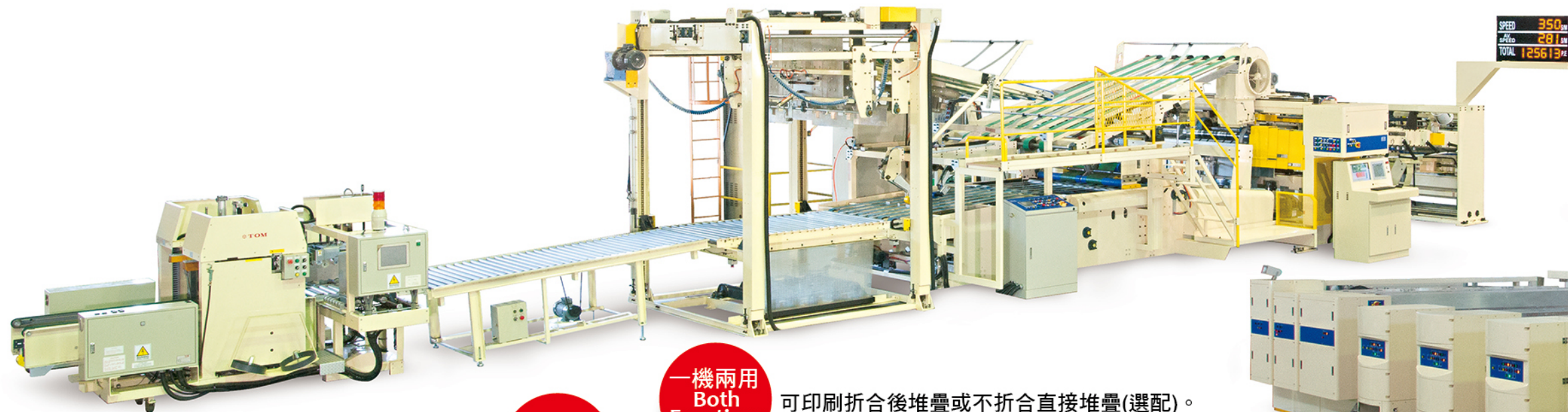
Technical Innovation, High-precision Production.

速必得

過去的數十年到現在，時代在不斷的變化，柔版印刷的糊折合機的製造水準也大幅提升。無論是任何時代，都秉承不拘泥於行業既定理念的創新思想，不斷的研究和開發單元固定式水性印刷糊折合機，為追求並實現紙箱生產線的小批量訂單、節省人力資源、高精度，我們努力不懈的開發出符合時代的最先進機型速必得。

SPEEDY

We have been making servo type fixed frames flexo folder gluer for last decades. As markets changed so have designs. The end result is most advanced flexo folder gluer the corrugated industry has ever seen. Our SPEEDY answers the industry's desire for better feeding performance, tighter print registration, unmatched folding accuracy and the ability to do quick order changes for the ever increasing smll lot business. Labor saving versatility, speed and accuracy are synonymous with the our SPEEDY.



快速換單
QUICK
SET

多驅動
MULTI
DRIVE

一機兩用
Both
Functions

可印刷折合後堆疊或不折合直接堆疊(選配)。
Machine can be folding and stacking after printing or without folding direct deliver to end upper conveyor for stacking (option).

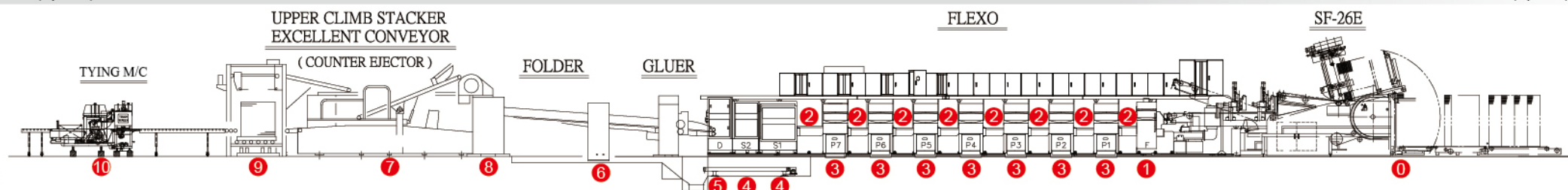
由伺服馬達對各單元的進行獨立驅動，實現高精度高品質印刷。
Each unit is individually driven by servo motors enabling high precision, high quality printing.

採用最新的固定單元式，最短可於2分鐘內換單換，大幅提高生產效率。
High productivity for small orders with setup times within two minutes achieved by latest fixed frames unit.

超過40年的行業經驗與基礎而開發的成型輪，採用專利成型輪設計，可適合客戶的各種紙箱摺紙精度的要求。
High folding accuracy that meets every customer's demands, using patented computer designed forming wheels system technology based on 40 years of experiences as a long established manufacturer.

成型輪
FORMING
WHEELS

- 10 打包機 Tying Machine (option)
- 9 上坡輸送帶 Excellent Conveyor
- 8 CNC電腦操作 CNC
- 7 計數部 Counter Ejector
- 6 折貼部 Folder Gluer
- 5 模切部 Die Cutting Unit
- 4 開槽部 Slotting Unit
- 3 印刷部 Printing Unit
- 2 CBS (輸送皮帶系統) CBS (Carrying Belt System)
- 1 送紙部 Feeding Unit
- 0 送紙機 Prefeeder (option)



- 標準裝配 Specification
- 各種機種規格 Each Model Specification
- 外形尺寸 Machine Dimension

機械規格 Model (7C+S+D)	最高速度 (張/分) Max machine speed	最大通紙 (mm) Max. Sheet feed size	最小通紙 (mm) Min sheet feed size	折架最小 (mm) Min. folding size	最大通紙(軋版) (mm) Max. sheet size (no folding)	最小通紙(軋版) (mm) Min. sheet size (no folding)	計數部寬度 (mm) Max. width of sheet no folding	最大印刷面積 (mm) Max. printing area	所需動力 (KW) Required power	重量概算 (Tons) Approx. weight (7C+S+DFFG)
921 型	350	880x2100	230x695	330	880x1100	220x600	1400	820x2000	420	50
1125 型	330	1050x2500	260x775	360	1050x1200	260x600	1500	1020x2100	480	74
1227 型	300	1210x2700	290x775	360	1210x1700	290x600	2000	1100x2600	530	82

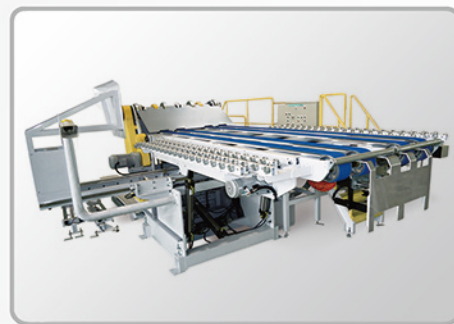
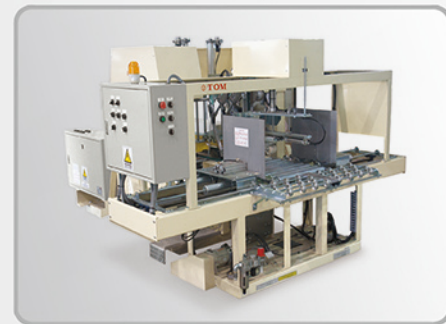
天龍618
T.LONG-618(迷你固定型) 全電腦式印刷開槽模切糊摺聯動線 台灣明暉製造 Made in Ming Wei Taiwan



Computer flexo folder gluer & corrugated case converting equipment 600x1800mm
MINI IN LINE printing unit fixed type (top print bottom fold)

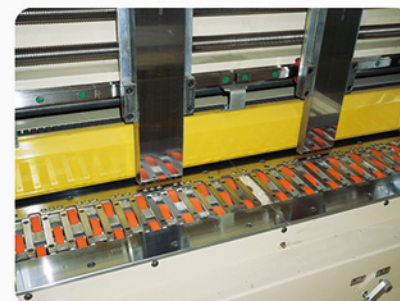
選配Optional

日本TOM 自動捆包機
Japan Tom Auto Tying Machine



送紙機
Fully / Semi Auto Pre Feeder

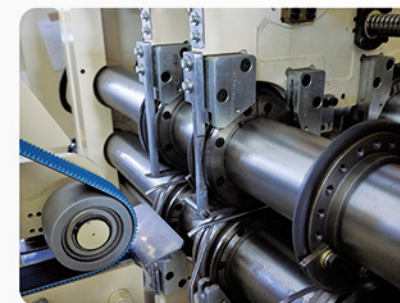
▼ 送紙部(美國太陽牌 前緣送紙)
Feeding Unit (Sun Lead Edge Feeder "Made In USA")



▼ 印刷部(固定式印刷座)
Printing Unit (Fixed type)



▼ 壓線 / 開槽部 (雙開槽刀)
Creasing / Slotting Unit (Dual Slotting Knife)



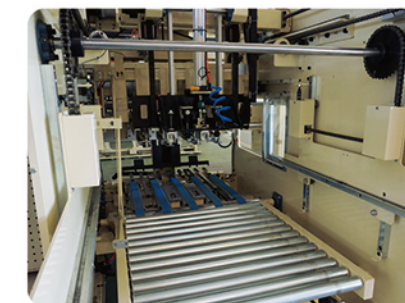
▼ 模切部
Rotary Die Cutter Unit



▼ 糊摺合部
Folder Gluer Unit



▼ 計數排出部
Counter Ejector Unit (Top Stack, One Stage Out-put Eject)



天龍618
T.LONG-618

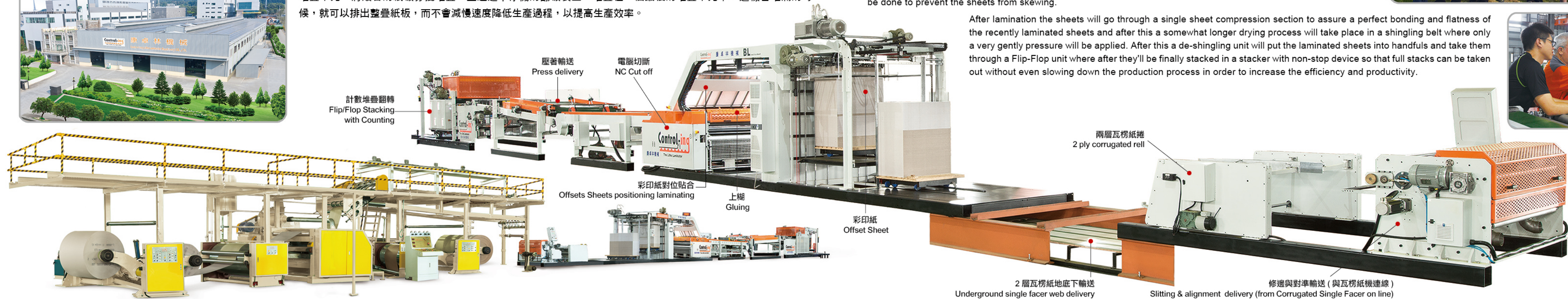
型 式 Model	通用規格 General Size	套色精度 Accuracy of printing tolerance	最高機械速度(張/分) Max. Machine Speed	最小糊摺間距 Min. Interval between folds	最大通紙量 Max. Sheet size	最小開槽間距 Min. Interval between slots	最大印刷面積 Max. printing area	佔地面積 Machine size	最小通紙量 Min. Sheet size	紙板厚度 Board thickness	機器重量(5色+模切) Total Machine Weight	重複印刷點(周長) Repeat Print point	機器總功率 Total Power
T.LONG-618	600x1800mm	±0.5mm	350 Sheets/min	240x150x240x150mm	625x1800mm	110x100x110x100 mm	600x1800mm	20.5x5.5x3.5m	200x435mm	1mm~8mm	55 tons (5C+D)	700mm	179HP(134kw)

全自動電腦智能彩印貼合連動線 Litho Laminator IN LINE Machine

Control-ing®
The Litho Laminator
康卓林機械 (台灣)
Made in Taiwan



台灣康卓林公司已獲得西班牙Control-ing公司的技術授權，並成功的技術移轉，西班牙Control-ing公司是知名的彩印貼合連動線的領導製造商，一直在西班牙進行研發與製造設備，現技術已授權移轉給台灣康卓林公司並製造生產設備，及銷售給整個亞洲市場。製造設備過程將由西班牙Control-ing進行監控與最終檢驗。彩印連動線包括全自動智能伺服系統控制，監視器顯示，簡單的操作系統功能，可控制單面瓦楞紙和彩印紙的位置，貼合時在正面和側面位置實現完美的套準，如同修整過後的效果。電腦化的PLC系統，將控制來自德國Mabeg進紙頭的供應的彩印紙，與製程中被切斷的瓦楞紙的精確貼合。瓦楞紙的前端先貼合到上面的彩印紙上，之後才進行裁切，以防止紙張歪斜。瓦楞紙與彩印紙貼合後，紙板將通過一張張的壓著過程，確保剛貼合的紙板具有完美的粘合與平坦度，此後，在帶狀輸送帶中將進行魚鱗疊輸送與稍長的干燥過程，在該帶狀輸送帶中僅施加非常輕的壓力。之後，紙板將分批進入堆疊單元，將貼合的紙板分批堆疊，並通過不停機的翻板裝置，堆疊在一個最後的堆疊單元中，這樣當堆滿的時候，就可以排出整疊紙板，而不會減慢速度降低生產過程，以提高生產效率。



型 號 Model	最高機械速度 Max.Machine Speed	最高貼合速度 Max.Lamination Speed	面紙厚度 Thickness of Sheet	最大送紙尺寸 Max.Feed Size	最小送紙尺寸 Min.Feed Size	所需動力 Machine Power	機械總長 Machine Length	機械重量 Machine Weight
BL-1600	150 m/min	10000 Sheet/hr	100-600g/m ²	1650(L)x1600(W)mm	500x500mm	90(kw)	50m (without Corrugated)	20Tons

Control-ing Taiwan has been licensed to use the technology of Control-ing – Spain who is a leading manufacturer of the well-known in-line and off-line Litho Laminators of this brand. The machines who's R&D has taken place in Spain, so far were manufactured in that country only but now the technology has been transferred to the Taiwanese company so that machines for the whole Asian market can be manufactured in these new premises. The manufacturing process will be monitored and approved by Control-ing Spain and recently an audit took place. The in-line laminator arrangement consists of a fully automatic intelligent servo system control, a monitor display, simple operation system features controlling the corrugated web and the offset printed sheet position to achieve a perfect register during lamination both in front position and in side position, integrating functions such as trimming, precision gluing and NC cut-off. A PLC system with computerized axis control will control the offset printed sheets coming from a Mabeg feeder head and laminate them in a perfect position onto the single face web coming from a single facer Wet End that is cut off in the same action to the right length. The front edge of the web is laminated to the printed top sheet first and only when this has taken place, the cut off will be done to prevent the sheets from skewing.

After lamination the sheets will go through a single sheet compression section to assure a perfect bonding and flatness of the recently laminated sheets and after this a somewhat longer drying process will take place in a shingling belt where only a very gently pressure will be applied. After this a de-shingling unit will put the laminated sheets into handfuls and take them through a Flip-Flop unit where after they'll be finally stacked in a stacker with non-stop device so that full stacks can be taken out without even slowing down the production process in order to increase the efficiency and productivity.



康卓林機械股份有限公司(台灣)
Control-ing Litho Laminator Machinery Co., Ltd. (Taiwan)

清廢收紙寶

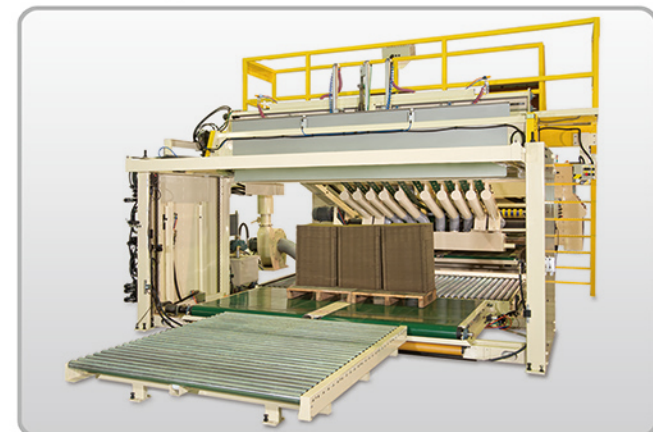
MW RDC Stacker (1628/1632)

台灣明緯製造

Made in Ming Wei Taiwan

美國何倫斯技術移轉授權由台灣明緯製造生產，專用配合圓壓圓模切機，具有震盪清廢、整齊輸送，具有整批堆疊與分批堆疊的雙重功能，可同時收齊2-6割。(依機型而定)

Alliance Machine Systems International L.L.C. (USA) technology transferred made in Taiwan Ming Wei, special for Rotary Die Cut sheets collection jobs, with vibration stripper, inclined suction belts delivery, completed stacking, or bundle stacking for 2 to 6 outs RDC jobs collection features.



多割模切 Multi outs rotary die cut (Customer prepared) → 震盪清廢 Vibration Stripper → 分割爬坡輸送 Suction inclined belts delivery sheets → 計數堆疊 (整批或分批) Counting stacker → 排出 Output



來自圓壓圓的模切紙板(2-6割)
From RDC sheets
(2-6 outs)



吸風爬坡輸送
Suction inclined belts
conveyor

油壓升降的伺服控制系統(整批或分批堆疊)
Servo control hydraulic elevator system
(completed/bundle stacking)



嶄新整合 縱橫全球

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Shizuoka

静岡工機株式會社(日本)
Shizuoka Koki Co., Ltd.



Japan
Tokyo

山田機械工業株式會社(日本)
Yamada Kikai Kogyo Co., Ltd.



Japan
Osaka

石倉系統有限公司(日本)
Ishikura System Co., Ltd.



U.S.A.
Spokane

何倫斯系統國際公司
Alliance Machine Systems
International, LLC.



Spain
Barcelona

西班牙康卓林
Control-ing

