

# YUELI

BEST SOLUTION PROVIDER FOR  
**CORRUGATED MACHINE**



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成立於  
ESTABLISHED IN  
1978

歷經近半世紀的技術淬鍊與市場洗禮  
With Nearly 50 Years of Technical Expertise  
and Market Experience

## 企業理念

裕力機械自創立之初便以「誠信負責」、「品質至上」、「永續經營」為品質政策核心，投入於抄紙與紙器相關機械設備之研發與製造。歷經近半世紀的技術淬鍊與市場洗禮，裕力機械不斷地拓展營運版圖，現已成為台灣規模最大、專業度最高的紙業機械製造商之一，旗下的產品設備行銷遍佈全球，涵蓋亞洲、歐洲、美洲等地，成功建立起「裕力出品，品質保證」的國際品牌形象。

裕力的企業精神建築於「務實」與「創新」的雙軸之上。面對日益競爭激烈的全球市場與技術革新浪潮，我們堅持在品質上精益求精，在製程上導入自動化與高精度技術，並透過技術合作、人才培育與知識轉型，持續提升研發能力與製造水平。我們深信，創新的本質不是一時的突破，而是持續的積累與全面的整合，而這也正是裕力能立足全球紙業舞台上領先的根基。

企業的發展離不開團隊的凝聚。裕力擁有一群高度參與、具備專業素養與使命感的團隊，不僅在新產品開發中扮演要角，更在客戶服務、設備升級、流程改善等方面發揮深厚能量。我們落實「品質、效率、服務、創新、團隊」五大核心信念，並導入 ISO 品保系統，以制度化、科學化的方法管理製程與品質，確保每一台出廠設備皆符合國際標準，每一項解決方案皆能為客戶創造實質價值。

展望未來，裕力將持續以「革新、進步、發展」為企業主軸，以全球化視野擘劃發展藍圖，探索綠色製造、智慧工廠、數位轉型等領域，深化產品能量，拓展服務廣度，並與客戶攜手邁向永續共榮的新時代。裕力機械不僅是設備的提供者，更是紙業製程的革新者、價值鏈的串聯者，以及產業永續的實踐者。



YUELI QUALITY, GLOBALLY GUARANTEED.

## MISSION & VISION

**YUELI** Machinery Co., Ltd. was founded in Taiwan by a group of passionate and professional pioneers who valued integrity above all. From the outset, **YUELI** has adhered to its core quality policies—**Integrity and Responsibility, Quality First, and Sustainable Development**—dedicating itself to the research, development, and manufacturing of paper and paperboard machinery.

With nearly 50 years of technical expertise and market experience, **YUELI** has continually expanded its business footprint. Today, it stands as one of Taiwan's largest and most specialized manufacturers of paper machinery. Our equipment is trusted worldwide, with worldwide presence earning a reputation defined by the promise of "**YUELI Quality, Globally Guaranteed.**"

The spirit of **YUELI** is built upon pragmatism and innovation. In response to intensifying global competition and rapid technological change, we relentlessly pursue excellence in quality, integrate automated and high-precision technologies into our processes, and promote technical cooperation, talent cultivation, and knowledge transformation to elevate our R&D and production capabilities. Innovation is not a fleeting breakthrough—it's a continual process of accumulation and holistic integration. The very foundation that empowers **YUELI** to lead in the global paper industry.

Corporate progress is anchored in five core values—**Quality, Efficiency, Service, Innovation, and Teamwork**—**YUELI** has implemented ISO-certified systems that ensure production is meticulously managed. Every piece of equipment leaving our factory meets international standards.

Looking forward, **YUELI** will continue to advance under the guiding principles of "**Innovation, Progress, and Development.**" With a global vision, we are actively exploring green manufacturing, smart factories, and digital transformation—deepening product capabilities and expanding our service offerings. Side by side with our clients, we are moving toward a future of sustainable growth.

**YUELI** is not merely a machinery provider—we are **innovators of paper manufacturing, connectors across the value chain, and dedicated practitioners of industrial sustainability.**



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EXPERIENCED AND PROFESSIONAL TEAM FOR  
DESIGN AND DEVELOPMENT



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# 牢固塞頭設計 降低殘捲耗損

## Rigid Chuck Design To Reduce Waste

### MILL ROLL STAND

- Maximum paper roll diameter 1500mm.
- Swing arm controlled by hydraulic system.
- Multiple design of core chucks for rigid clamping.
- Multi - pad brake system for consistent tension control.
- Precise tension control with auto splicer.
- Swing arm anti-collision prevention feature.

### OPTIONS

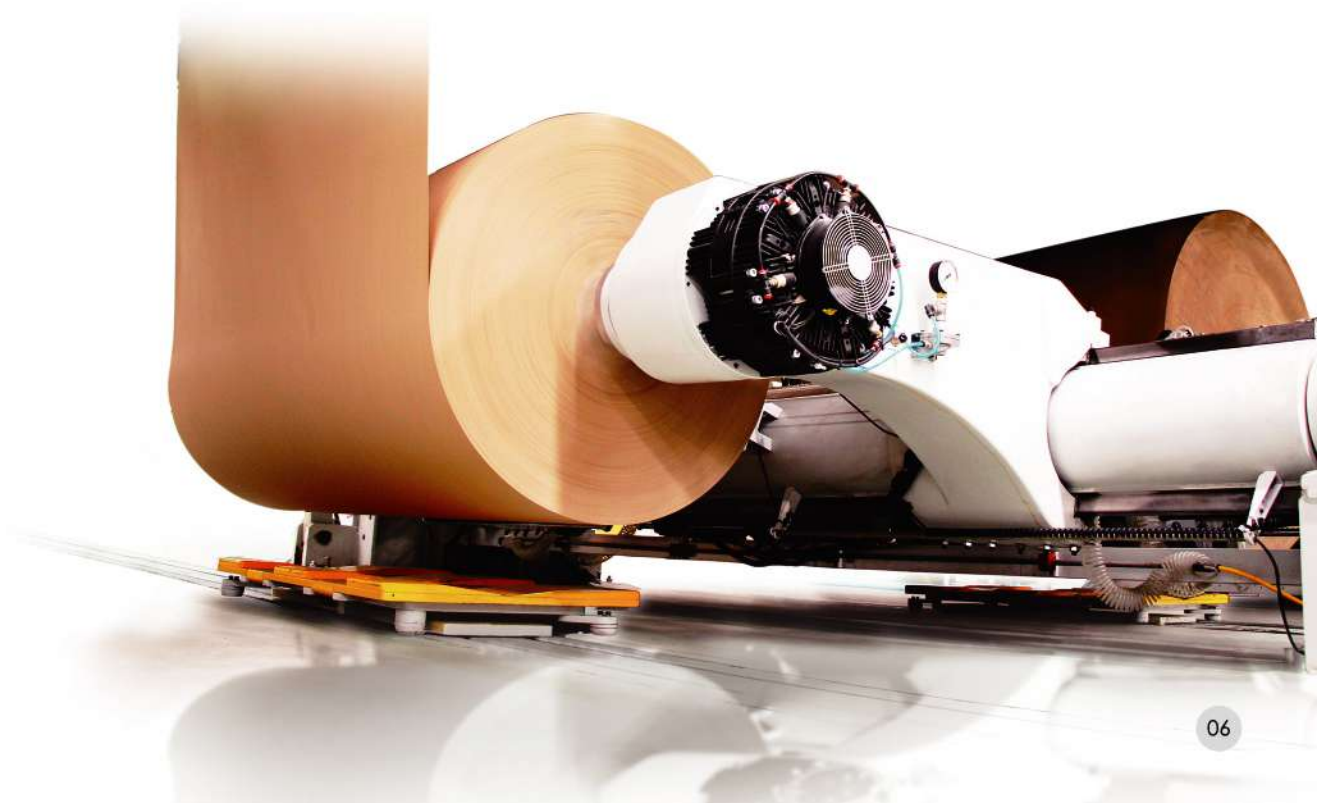
- Auto core pusher.
- Roll handling system.
- Double rolls combination.

### 原紙架

- 原紙直徑達 1500mm。
- 油壓控制擺臂夾紙。
- 多樣塞頭設計，原紙夾緊能力確實，夾持中心不鬆脫和不傷害。
- 多點式剎車，使張力控制穩定。
- 搭配自動接紙機提供穩定運行張力。
- 擺臂防撞功能。

### 選配

- 退紙管設備。
- 原紙輸出入系統搭配使用。
- 窄紙幅整併功能。



## 完美楞型呈現 提升紙板強度 Flute Formation For Strong Boards

### SINGLE FACER

- Excellent runnability, better bct/ fct/ ect, good adhesion of board.
- Glue gap adjustment by kiss touch; longer glue roll life.
- Design for quick cassette change or cassette storage platform.
- Suitable for paper basis weight range 80~440 g/m<sup>2</sup>.
- Cast iron frame to reduce vibration.
- Light Pressure mark .

### OPTIONS

- Automatic glue dam control by paper width.

### 單瓦機

- 走行性佳可提高破裂度, 平壓度, 垂壓度 ... 等, 貼合效果佳。
- 糊輾作用於段輾採微壓控制, 減少磨損和異常。
- 依廠房空間選用單卡匣快速換楞設計, 或機外卡匣儲存系統, 提昇換楞時效。
- 適用 80~440 g/m<sup>2</sup> 任何克重原紙。
- 鑄鐵的車壁設計耐震力強。
- 微壓痕設計。

### 選配

- 擋糊板隨紙幅自動調整。



# 穩定的熱傳導 增加紙匹的膠合強度

## Consistent Heat Transfer Across Paper Width Enhance Gluing Performance

### PRE-HEATER

- Standard pressure vessel certification.
- Motorized heating area adjustment.
- Synchronized speed control ensures stable tension.
- Stable wrapping angle is adjusted by guide roll.
- Design with brake device for paper roll to stabilize tension and prevent paper creasing.

### OPTIONS

- Automatic heating area adjustment synchronized with machine speed or temperature.
- Tension control roll.

### 預熱器

- 預熱缸均符壓力容器安全規定。
- 電動調整原紙加熱面積。
- 預熱缸隨車速同步控制，穩定紙匹張力。
- 擺動輥獨特設計不會跳動。
- 配備導紙輥手動剎車機構，提供較低的品質紙張穩定張力，消除紙折現象。

### 選配

- 隨車速或溫度控制包覆面積。
- 張力調整輥。



## 適合所有紙種的張力控制 零紙尾接紙 Suitable For All Paper Grade & Zero Tail

### AUTO SPLICER

- Reliable splicing.
- Zero tail splicing.
- Energy efficient.
- Ergonomic and friendly design for base paper preparation.
- Stable tension for better flute formation at the single facer.
- Suitable for paper basis weight range 80~440 g/m<sup>2</sup>.
- Available for narrow and full width operation.

### 自動接紙機

- 接紙成功率高。
- 無紙尾接紙。
- 低耗能。
- 簡易符合人體工學的備紙流程。
- 提供單瓦機穩定的運行張力。
- 適用 80~440 g/m<sup>2</sup> 任何克重原紙。
- 全幅或小幅紙寬接紙效果。



# 糾偏導正 流暢的紙行線

## Web Guiding System & Tension Control

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### OVERHEAD BRIDGE

- Automatic web guiding system.
- Drum brake for tension control.
- Rigid construction with walkways.
- Take - up conveyor.
- Drum brake with pre - drive function.
- On - bridge paper length is controlled by PCS.

### 天橋

- 紙匹自動導正系統。
- 可選擇剎車軛張力控制。
- 結構堅固，附安全走道欄杆。
- 紙板上引輸送帶，紙板傳送確實。
- 剎車軛預轉引紙流暢。
- 天橋積紙量可隨生管系統控制。



## 自動調整包角 受熱溫度平均 Automatic Adjustment Of Wrap Angle, Ensures Consistent Heating

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### TRIPLE PREHEATER

- Standard pressure vessel certification.
- Motorized heating area adjustment.
- Synchronized speed control ensures stable tension.
- Stable wrapping angle is adjusted by guide roll.

### OPTIONS

- Auto heating area adjustment synchronized with machine speed or temperature.
- Tension control roll.

### 三重預熱器

- 預熱缸皆符合壓力容器安全規定。
- 電動調整原紙加熱面積。
- 預熱缸隨車速同步控制，穩定紙匹張力。
- 擺動輾獨特設計不會跳動。

### 選配

- 隨車速或溫度控制包覆面積。
- 張力調整輾。



# 精密微調糊量機構 滿足不同生產需求

## Precision Glue Application

### GLUE MACHINE

- Glue application synchronized with machine speed to minimize glue waste.
- Contact bar design for precision glue application to eliminate crushing of sheet board.
- Motorized glue dam is adjustable as per paper width.
- Glue roll and doctor roll with roll idling function to avoid glue drying on roll surface.
- Anti-tangle design to prevent paper from damping and paper threading failure.
- Glue collecting tray to prevent glue spilling to the ground.

### 貼合機

- 隨車速自動調節上糊量，精密糊輾及上糊控制的系統，減少糊液消耗。
- 採用彈簧式觸壓棒壓紙，確保吃糊量時平均，楞型完好不壓潰，降低損耗。
- 電動擋糊追邊機構，節省人力操作效率有效提升，及減少熱板清潔耗時。
- 糊輾刮糊輾具停車基速運轉功能，有效防止糊液乾涸。
- 防捲入設計避免楞紙受潮，造成引紙失敗。
- 外接承糊盤，防甩糊滴落污染地面。



## 平坦貼合 紙板成型 Excellent Flat Board

### DOUBLE FACER

- Heating plates are of rigid and precise structure. Surface is chrome plated and fine ground to reduce thermal deformation and provide excellent heat transfer.
- Sectional control for spring type shoe press with adjustable paper width control system ensures excellent paper board formation and no crushing, better adhesion board.
- Powerful main drive system and reliable electronic control system.
- Consistent temperature control system.
- Sectional steam control system for flexible operation.
- Automatic pneumatic adjustment for canvas tension control.

### OPTIONS

- Flute change device.
- Static elimination device.
- Thinness hot plate, better heat transfer.

### 雙瓦部

- 高剛性高精密熱板結構，表面精密研磨鍍鉻，熱變形小熱傳導確實並穩定。
- 靈敏性高彈簧式加壓靴，分群控制並依紙幅選擇加壓面寬，避免紙匹壓潰，及提高最佳的貼合效果。
- 強有力的主傳動機構及可靠電控系統。
- 極佳的溫度控制系統。
- 熱板獨立蒸汽系統分群控制，靈活操控。
- 帆布張力可空壓調整及頂緊。

### 選配

- 換楞切紙設備。
- 靜電消除裝置。
- 薄板式熱板，熱傳導效率高。



# 減少耗材成本

## Reduce Consumable Costs

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### ROTARY SHEAR

- Accurate control for order change.
- Reliable waste diverter for defective sheets rejection.
- High quality helical top knife design with bottom padding.
- Servo controlled order change at high speed of 150 m/min.

### OPTIONS

- Edge cutting device ensures gapless and high speed order change without tail swerving, while keeping paper waste within 800mm.

### 迴轉截切機

- 精準的換單時機。
- 快速確實的排廢紙機構。
- 高品質的上螺旋刀配合下刀墊設計。
- 伺服控制高換單能力切紙速度達 150 m/min。

### 選配

- 搭配切邊設備，實現不切開換單，換單不需要降速，無甩尾問題，換單損耗 800mm 內。



## 快速的訂單切換 精準的下刀修裁 Quick Order Change Accuracy Guaranteed

### NC SLITTER SCORER

- Precision structure.
- Accurate order change coordination with production control system to reduce paper waste.
- Bottom knife design (razor type) to reduce paper dust and smooth edge.
- Special design of top knife pad for minimum 8mm trimmed edge width.
- Precise angle for grinding wheels to minimize dirt on ball screw.
- Slitting and scoring accuracy  $\pm 0.5\text{mm}$ .
- Accurate positioning is controlled by servo motor.
- Dust removal device to ensure clean products and surroundings.
- 3-in-1 scoring design with flat scoring plate. Off machine scoring is not required.

### OPTIONS

- Quick order change with servo control.
- Automatic trim edge guiding system.
- Independent position control for trim edge.

### 自動滾修機

- 高精密結構。
- 配合生產管理準確的換單，減少損耗。
- 下修裁刀薄刀式保持面紙切口的漂亮，減少紙粉的發生，印刷面無毛邊。
- 上刀墊採特殊設計，最小修邊尺寸 8 mm。
- 磨刀砂輪固定角度精密，良好裁切品質。
- 修裁刀及壓線機械精度  $\pm 0.5\text{mm}$ 。
- 移動架採伺服馬達驅動準確定位。
- 上刀墊附吸塵設備，減少環境污染。
- 三合一壓線設計搭載無壓痕平壓靴板，平壓線免外掛輔助壓線設備。

### 選配

- 伺服控制快速換單，確保連續生產。
- 自動追邊系統並連線控制。
- 修邊風管位置獨立控制。



# 截切精度高 生產效益最佳

## Accurate Cutting Increases Production Efficiency

### NC CUTTER

- Standard and durable solid knife shaft design, or low-inertia shell type design for less noise and high cutting performance, Extends knife life.
- Inlet crushless wheels ensure no crushing of paper board.
- Twin measuring wheel design for accurate cutting.
- Cutting length accuracy within  $\pm 1$  mm.
- Top straight and bottom serrated design of knife, less calibration and maintenance.
- Knife is interchangeable with rotary shear (dual-helical cutting type).
- Automatic gap adjustment for outlet paper roll for smooth runnability.
- Moveable frame design for knife change, with interlock device for easy maintenance.
- Helical knife design, longer lifetime and less noise
- Laser sensor for cutting length measurement, no slip and mechanical worn out issues, free from maintenance.

### OPTIONS

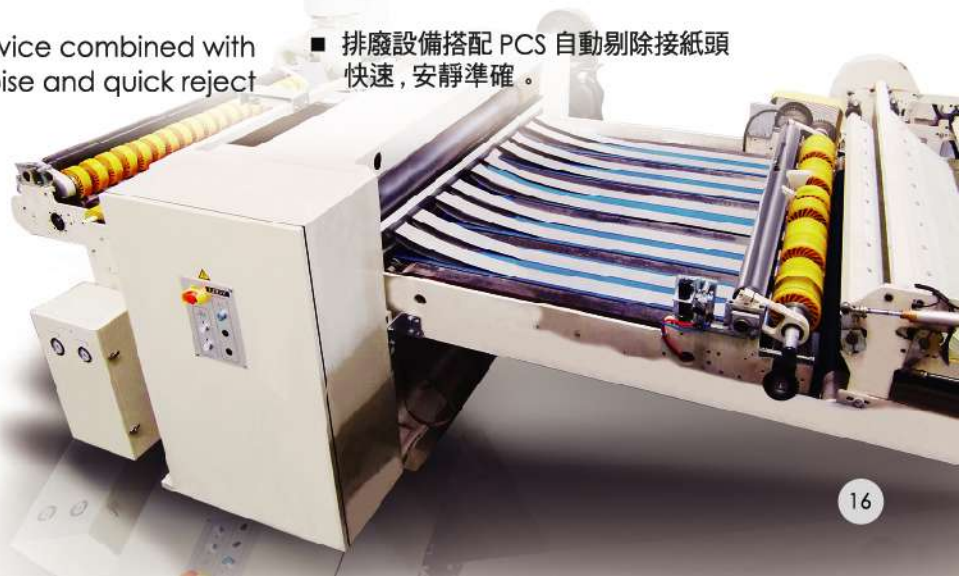
- Mark cutting for pre- print.
- Laser sensor measurement for cutting length. Free from maintenance.
- Automatic waste removal device combined with PCS ensures accurate, less noise and quick reject for paper joint.

### 終程截切機

- 實心刀軸型式，堅固耐用；外轉式刀軸，低慣量，高截切能力，切刀使用週期長。
- 入口太陽輪使用無壓潰輪，確保不壓潰平板。
- 尺寸精準採雙測量輻設計，紙板無壓痕。
- 數字控制切紙長度，精度  $\pm 1$  mm。
- 切口負載輕，刀刃採上平下齒刀經久耐用，減少校刀維護的時間。
- 切刀可與迴轉截切機共用（雙刀式）。
- 出口拉紙輻自動間隙調整，確保拉紙時平穩順暢。
- 入口車壁活動式設計，附安全連鎖裝置，使刀具保養維修空間大。
- 螺旋刀設計低慣性，截切壽命長噪音低。
- 遠端測量輪，採非接觸式雷射測米器，無紙板打滑，機械磨損問題，免保養。

### 選配

- 預印截切功能，速度同截切功能達。
- 近端可選配雷射測米器，免保養。
- 排廢設備搭配 PCS 自動剔除接紙頭快速，安靜準確。



## 換單快速 有效堆疊不同訂單 Efficient Order Change

### AUTO DOWN STACKER

- High performance stacking capacity for both long and short orders.
- Stacking cycle time 18 seconds.
- Intelligent conveyor belt design to prevent paper board crush.
- Ergonomic design on conveyor height for friendly operation.
- Accurate servo control for lifting table ensures smooth operation.
- Adaptable for short orders with multiple stacking function.
- Stacking height controlled by cutting length & slitting set to prevent paper board collapse.
- Adjustable inlet conveyor belt gap by motor to prevent creasing line and for better runnability.
- Automatic brush pressure adjustment by speed.
- Pit type stacking for short order.

### 自動積下機

- 高性能的堆疊，短單堆疊能力強。
- 積替時間 18 秒。
- 智慧型輸送設計，紙板無折痕。
- 輸送帶高度符合人體工學，方便操作。
- 升降台電動馬達類伺服控制，升降平順無頓點，高度定位精確。
- 多段堆疊功能，短訂單處理能力佳。
- 堆疊高度自動依才數和切斷長度進行調整，防止輸出時倒疊。
- 入口輸送帶落差可電動調整，防止折痕並提升走行性。
- 毛刷加壓壓力自動依車速調整。
- 堆疊採下潛獨特設計，適合短批量生產。



# SPECIFICATIONS | 規格表

項目形式 Model	最大紙寬 Max. Paper Width	最大速度 Max. Speed	蒸汽消耗量 Steam Cons.	動力 Power Required	蒸汽壓力 Steam Pressure	空氣壓力 Air Pressure
	m	m/min	kg/hr	kW	kg/cm <sup>2</sup>	kg/cm <sup>2</sup>
1.8		150	2000	180	12	7
		200	2500	290		
		250	3200	330		
		300	3800	370		
2.0		150	2200	200		
		200	2900	300		
		250	3600	390		
		300	4300	430		
2.2		150	2400	230		
		200	3200	350		
		250	4000	390		
		300	4800	430		
2.5		150	2700	360		
		200	3600	390		
		250	4500	440		
		300	5400	490		



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