

YOUR NEEDS

A COMMITMENT TO THE QUALITY SOLUTIONS

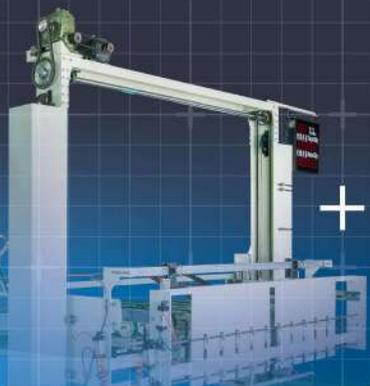
瓦楞紙箱水性印刷機 (上印式)

FLEXO PRINTER SLOTTER (TOP PRINTER)

SFSCT-CNC Series



<http://www.plus-energy.com.tw>



+ Quality / 品質第一

+ Service / 服務至上

+ Efficiency / 客戶滿意

CUSTOMER SATISFACTION PROVIDE OUR MOTIVATION



和能機械股份有限公司
PLUS ENERGY MACHINERY CORP.

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公司簡介 | Company Profile

經營理念 | Purpose

和能機械股份有限公司於 1995 年成立，專業製造瓦楞紙箱印刷機械及瓦楞紙相關整廠設備規劃，自成立以來產品銷售國內外，並與各國廠商技術合作創造出更符合客戶需求的設備。我們皆以高品質及高效能的目標，不斷的研究及創新研發出更安全耐用及操作保養簡便的機械，並提供及時有效的售後服務。

PLUS ENERGY MACHINERY CORP. was found in 1995, we specialize in FLEXPRIINTER MACHINE making and corrugated carton total solution for plant equipment. The high quality and high-efficacy is our company goals. Each product is developed for easy operation and maintenance for end user's we continuously improve technology for case-making equipment, integrating new safety measure, heavy-duty in all over aspect and the latest technology into a whole solution in order to enhance the performance and capability of machinery.

本公司的願景在於塑造創新的企業文化，善用全球資源研發更好的技術，朝國際化目標前進，服務國際市場，並創造合理的利潤，並達到永續經營的目標。

The company's vision is to create an innovative corporate culture, make good use of global resources to develop better technologies, advance toward internationalization goals, serve the international market, and create reasonable profits, and achieve sustainable business goals.

研究與創新 | Research & Innovation

因應時代進步及客戶需求的改變，專業的研發更好的產品來提高客戶生產效率及效能，自我研發「全自動電腦控制系統」、「前緣送紙系統」、「真空傳送系統」、「刮刀系統」等... 隨時傾聽客戶的需求，提高客戶產能，追求雙贏。

In response to up keep with latest techonlgiise and also with customer changes in requirements. We have professionally developed better products to improve customer productivity and efficiency, we are proud to proclaim our "automatic computer control system", "leading edge feeding system", "vacuum transfer system", "Doctor blade Systems, etc...., constantly listening to customer needs at all times, increasing customer productivity, and pursuing a win-win situation.

客製化生產 | Customize Design

和能成立以來，擁有多年的服務經驗，能依客戶需求及訂單結構客製化最符合客戶利益及效能的機械，亦可與客戶間相互溝通進一步修改及調整相關機械設備，能夠做到讓顧客滿意是我們的目標。

Since our establishment, we have many years of service experience. We can customize the machinery that best meets the interests and performance of our customers according to their needs and order structure. We can also communicate with customers to further modify and adjust related machinery and equipment. "A satisfied customer" is what we are try to achieve.

品質的堅持 | Adhere To Quality

零件的製造方面，主要原料及齒輪皆經過精粹流程確保產品的耐用性，並自行引進 CNC 精密加工機，自行加工處理提高零件之精密度。

In the manufacturing of parts, the main raw materials and gears have undergone a rigorous process to ensure the durability of the products, we are using CNC precision machining machines to improve the precision of their parts.

售後服務 | After sales service

當客戶在生產時發現之問題，我們提供專業人員在最短時間內為客戶處理好相關問題，並且能夠有效解決問題點，使客戶能在短暫時間內即可恢復生產。

When the customer finds problems during production, we provide professionals engineer's to handle the relevant issues for the customers in the shortest time and can effectively solve the problems so that the customers can resume production and minumise machine "Down Time" within the shortest priod.



瓦楞紙箱水性印刷機 (上印式)
FLEXPRIINTER SLOTTER (TOP PRINTER)
SFSCT-CNC Series



送紙部 | Feeder Unit

- + 採用安川伺服馬達驅動，提供更高速、精準的送紙系統。
YASKAWA server motor control system to enable, high speed and accuracy during feeding of cardboard.
- + 具有氣動式隔張送紙裝置，以生產大型紙箱。
With a pneumatic skip feed device in order to produce larger size boxes.
- + 側拍裝置可讓操作者更容易及快速的放入紙板。
Side-Kicker guide plate enable faster and easier operations for operators to feed cardboard.
- + 後扶紙架及左右擋板可自動定位並位移至設定的位置。
One touch bottom set-up after cardboard size is preset, side-kicker and rear cardboard support will automatically move into position according to cardboard size preset.



印刷部 | Printer Unit

- + 行星式齒輪組精密度高、堅固耐用、低噪音。
Steady high precision and noiseless planetary gears.
- + 印刷相位功能可選擇自動尋位或電動微調之功能。
Printer unit is complete with an AUTO positioning and electric adjustment, this function would allow operator's to position the printing drum back to printing position.

**選購
配備**
Optional

- + 真空傳送系統 (選配) 之導紙輪採用碳化鎢鋼材質，可克服紙板彎翹問題並提升印刷精度。
Vacuum transfer system (Optional) is equip with durable tungsten carbide guide wheels. This system greatly improve the printing accuracy and would overcome warp boards issues.



- + 密閉式刮刀系統 (選配) 可提高印刷品質及降低油墨成本。
Doctor blade (Optional) "Chamber" type would be suggested for high quality printing, hence this would also be a cost saving on the ink material.



開槽部 | Slotter Unit

- + 開槽刀座於左右位移時採用滾珠螺桿及線性滑軌，可使其在移動時更加平穩；配備上下五組開槽刀座及壓線破壞輪組。
Slotting Knife base lateral movement by ballscrew and linear guideway for smooth movement, with five unit of combined top and bottom slotting knives and Pre-creasing and creasing wheels.
- + 每組刀座皆可獨立移動。
Independent optional control for each Slotter knives movement.



- + 5 組開槽刀座可選擇完全分開或完全合併之功能。
5 Units of moveable slotter knives that allow full open and close options.



模切部 Die Cutter Unit

- + 刀模及膠墊間隙為自動調整，可延長刀員之壽命。
The auto gap control of cutting mould will prolonging the life spend of the die cut anvil.
- + 機器運轉時刀墊輪可左右位移，不會使刀員切於同一位置，並可有效延長刀墊之壽命。
The anvil roll is design with side motion movement to enable different depression area ont the anvil.
- + 模切相位可自動尋位並有自動歸零之功能。
Auto-searching die cutter position with auto-zero function.
- + 膠輪速度補償系統，可在膠墊修整後調整與模具輪間之速度比，並提高模切精度。
Speed compensation device system allow operator's to adjust the speed ratio between anvil and die mould cylinders.



選購配備 Optional 集塵部 Dust Collection Unit

- + 下導輪與真空吸風系統為電動同步調整高低位置，並有數值顯示。
Automatic adjustment bottom guide roll and suction system can be adjustment the up and down.
- + 吸風機構之風量由箱型尺寸自動調整。
Vacuum suction system's wind that auto adjust by box size to adjust it.
- + 真空傳送系統之導紙輪採用碳化鎢鋼材質，可克服紙板彎翹問題並提升印刷精度。
Vacuum transfer system is equip with durable Tungsten Carbide guide wheels. This system greatly improve the printing accuracy and would overcome warp boards issues.
- + 採用滾筒式電動毛刷系統，可有效將紙板上的粉塵掃除。
Use wheel electric brush system, can effective to clear up dust on the cardboard.
- + 靜電消除刷可有效消除將紙板上靜電，並將沾附於上面的粉塵有效清除。
Brush for the elimination of electrostatic sysem can effective to remove the elimination on the cardboard. And can to clear up dust on it.

自動疊紙機 | Stacker

- 1 輸送帶速度可依印刷機或操作者自行調整。
The stacker conveyor belt speed is complete with 2 option
1. Link-up (Interface) with Flexo speed.
2. Independent speed adjustment cording operator's requirement.
- 2 防墜落安全裝置。
Equipped with prevent fall safety design prevents outrigger dropping.
- 3 紙板拍齊裝置。
Stacker end would be complete with "Hydraulic Neat Stack" devise for finish carton.



選購配備 Optional 振盪去屑單元 Vibrator Unit

- + 可準確連結印刷機之紙板，並有效將 90% 連結於紙板上之紙屑抖落。
Accuracy to match cardboard of Flexo printer machine, effective to shake off wastepaper.
- + 內部配備方型軸心可有效抖落廢紙屑。
To equip with square shaft to shake off wastepaper.
- + 機械下方配備廢紙回收系統，可將抖落之紙屑回送紙廢紙溝內。
To equip with wastepaper system below the machine, can to transport wastepaper to wastepapaer canal.
- + 輸送帶為圓形皮帶傳動系統。
Convery belts circle belt.

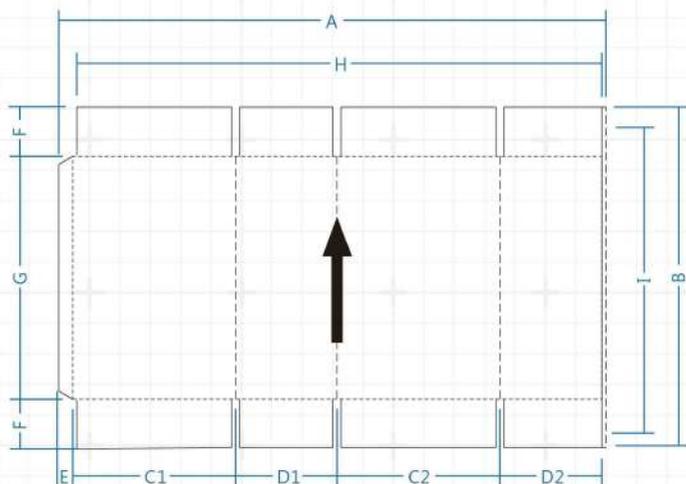


用紙尺寸及機械規格 | Cardboard Size and Specification

機型 Model	Unit	SFSCT CNC SERIES					JUMBO SERIES			
		SFSCT 924	SFSCT 1021	SFSCT 1227	SFSCT 1530	SFSCT 1632	SFSCT 1835	SFSCT 2236	SFSCT 2345	
最高生產速度 Max. Speed	sheet/min	250	250	220	180	160	140	100	100	
紙板長度 Cardboard Height	A	Max. mm	2400	2100	2700	3000	3200	3500	3600	4500
		Min. mm	650	650	650	750	800	800	900	900
紙板寬度 (不具隔張) Carboard Width (Non-skip)	B	Max. mm	820	820	1000	1300	1400	1600	2000	2100
		Min. mm	270	270	320	365	400	420	550	550
紙板寬度 (隔張) Carboard Width (Skip)	B	Max. mm	1200	1300	1500	1800	1900	2100	2500	2600
		Min. mm	270	270	320	365	400	420	550	550
紙箱長尺寸 Side Panel	C1=C2	Max. mm	1125	975	1275	1415	1515	1665	1705	2155
		Min. mm	220	220	220	230	230	230	300	300
紙箱寬尺寸 End Panel	D1=D2	Min. mm	60	60	60	70	70	80	80	80
			(130)	(130)	(145)	(145)	(145)	(170)	(170)	(170)
糊盒邊寬 Glue Flap Width	E	Max. mm	50	50	50	50	50	50	70	70
單開槽高度 Single Slotting Height	F	Max. mm	250	250	300	375	400	450	550	575
紙箱高度 Box Height	G	Min. mm	110	110	110	110	120	120	150	150
印刷範圍 Printing Area	H	Max. mm	2400	2100	2700	3000	3200	3500	3600	4500
		Min. mm	900	1000	1200	1500	1600	1800	2200	2300
橫切輪直徑 Diam. Of Die cutter Roller		mm	293	293	360	440	487.76	535	673.1	685

本公司提供客製化規格設計，如需特殊規格請與敝司聯絡。

The company provides customized design specifications, For special specifications please contact us directly.



機械外型尺寸 | Machine Size

Model	Unit : mm							
	SFSCT 924	SFSCT 1021	SFSCT 1227	SFSCT 1530	SFSCT 1632	SFSCT 1835	SFSCT 2236	SFSCT 2345
A	1864	1885	1950	2503	2777	2585	3530	3530
B	460	460	564	634	693	748	880	880
C	859	1200	1280	1385	1493	1115	965X2=1930	965X2=1930
D	511	630	750	800	900	950	1200	1200
E	5074	5555	6236	7224	7942	7642	10070	10070
F	8000	9000	9000	10000	10000	10000	13000	13000
G	8924	9825	10220	11368	11632	12385	14730	14730
H	724	861	976	950	950	966	977	977
Q	2872	2632	3005	3170	3190	3190	3947	3947
J	1050	1150	1150	1100	1100	1350	1500	1500
K	1200	1300	1500	1800	1900	2100	2500	2500
L	6467	6467	6667	7659	8556	7850	8581	8581
M	15500	17000	18000	20000	21000	21000	25000	25000
N	4000	3500	4439	4739	5250	5250	5350	5350
P	5070	4770	5517	5915	6145	6150	7052	7052

產品規格設計，本公司保有變更權利，恕不另行通知。

Specification design will be changed without informing customer.

