川菱機械
SMOOTH
MACHINERY CO., LTD.

SPM-340FT/SPM-320FT

CNC 雙軸高速雙座模切燙金機

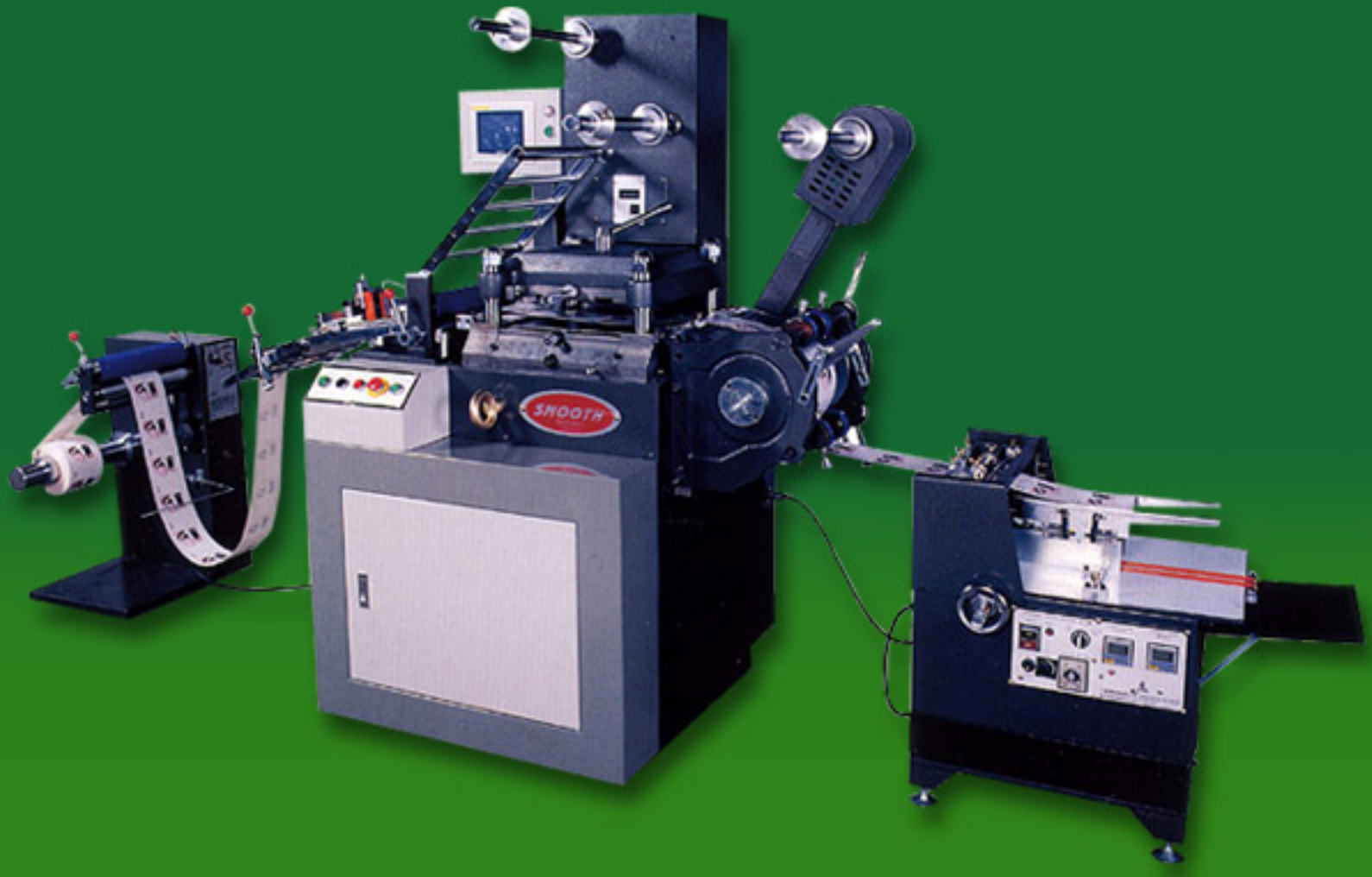
CNC Hight Speed Twin Stations Die-cut (Hot-Stamping) Machine



SPM-340F/SPM-320F

CNC 高速單座模切燙金機

CNC Hight Speed Single Station Die-cut (Hot-Stamping) Machine



SIMPLE • SMART • SMOOTH

Applicable Materials
Printing Samples



- SPM-340LR
- SPM-270LR





- SPM-340FT
- SPM-340F
- SPM-320FT
- SPM-320F



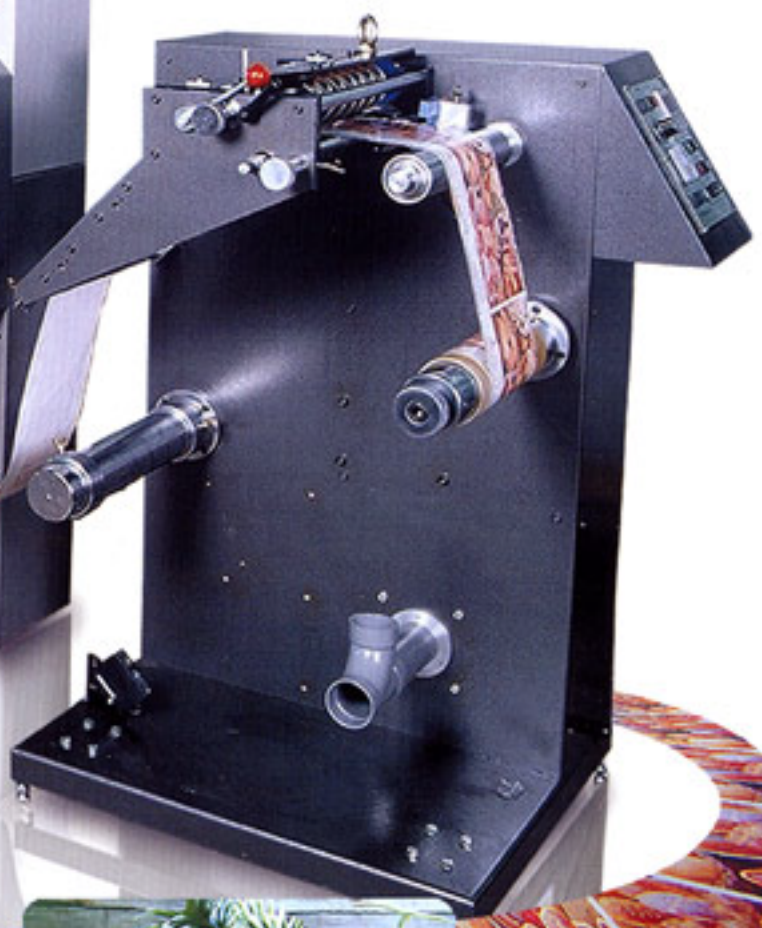
印刷及燙金在軟質PVC上
Print & hot stamping on flexible PVC

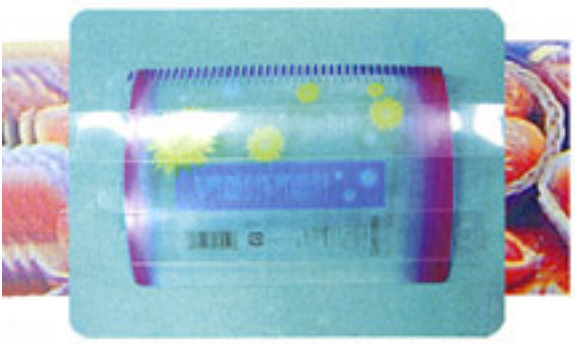
1. Applicable Materials :

Art paper, Mirror coat paper, Foil paper, PET, PVC, PP, PE, Electrostatic paper, Hologram (Laser) film, Phosphorescent film, Flockings paper, Binding cloth, Textile, Garment, Satin, Cardboard, Kraft, Crepe paper, Polar film, Diffuse film, Silver reflect film, Laminate copper foil, Aluminum foil, Photoelectric film, Conductor film, Soft PC plate, LCD conductor glue, High Tec. Laminate material, Shockproof glue, EMI insulator, Sponge rubber, Conductor Sponge rubber, Mylar, Glue side printing labels, Sercurity labels...etc !!

SPM-270LR-5VR + SL-300CR







多重印刷及模切在硬質PET上
Multiple print & die-cut on hard PET



顏色漸層印在銅板紙上
Color gradation on Art paper



光之漸層印在光滑P.P.上
Light gradation on slippery P.P.

Generally speaking all printing materials which are not too elastic can be printed by this machine.

SPM-340FT / SPM-320FT
CNC High Speed Twin Stations Die-cut (Hot-stamping) Machine
CNC 雙軸高速雙座模切燙金機

Specification :

最大進紙寬 Max. Web Width	340 mm (340FT), 320 mm (320FT)
最大模切面積 Max. Die-cut Area (WxL)	330 x 310 mm (340FT), 300 x 300 mm (320FT)
最大模切速度 Max. Die-cut Speed	300 RPM, 18,000 imp/hr (340FT) 200 RPM, 12,000 imp/hr (320FT)
電力 Power	3 phase, 13.2 kw
機器尺寸 Dimention (LxWxH)	270 x 130 x 170 cm
重量 Machine Weight	3500 Kg (N.W.) 4500Kg (G.W.)

Applicable Materials:
Art paper, Mirror coat paper, Foil paper, PET, PVC, PP, PE, Electrostatic paper, Hologram (laser) film, Phosphorescent film, Flockings paper, Binding cloth, Textile, Garment, Satin, foil, Aluminum foil, Photoelectric film, Conductor film, Conductor film Soft PC plate, LCD Conductor, High Tec, Laminate material, Shockproof glue, EMI insulator, Sponge rubber, Conductor Sponge rubber, Mylar, Glue side printing labels, Sercurity labels...etc!!

可應用材料:
模造紙、銅版紙、鏡銅紙、錫箔紙、特多龍(PET)、保麗龍(PVC)、合成紙(PP)、雷射紙、緞布紙、檀紙紙、卡紙、牛皮紙、偏光片、擴散紙、銀反射片、貼合銅箔、光電膜、導電膜、軟性PC板、LCD導電膠、防震膠、高科技複合材料、EMI絕緣材料、泡棉、導電泡棉...等不易收縮變形之材料。



SPM-340FT Max. speed :
300 rpm (imp/min) super high speed also 250 rpm (imp/min) can be on-line with SPM-340LR.

SPM-320FT Max. speed :
200 rpm (imp/min) super high speed on-line or off-line with SPM-270LR.

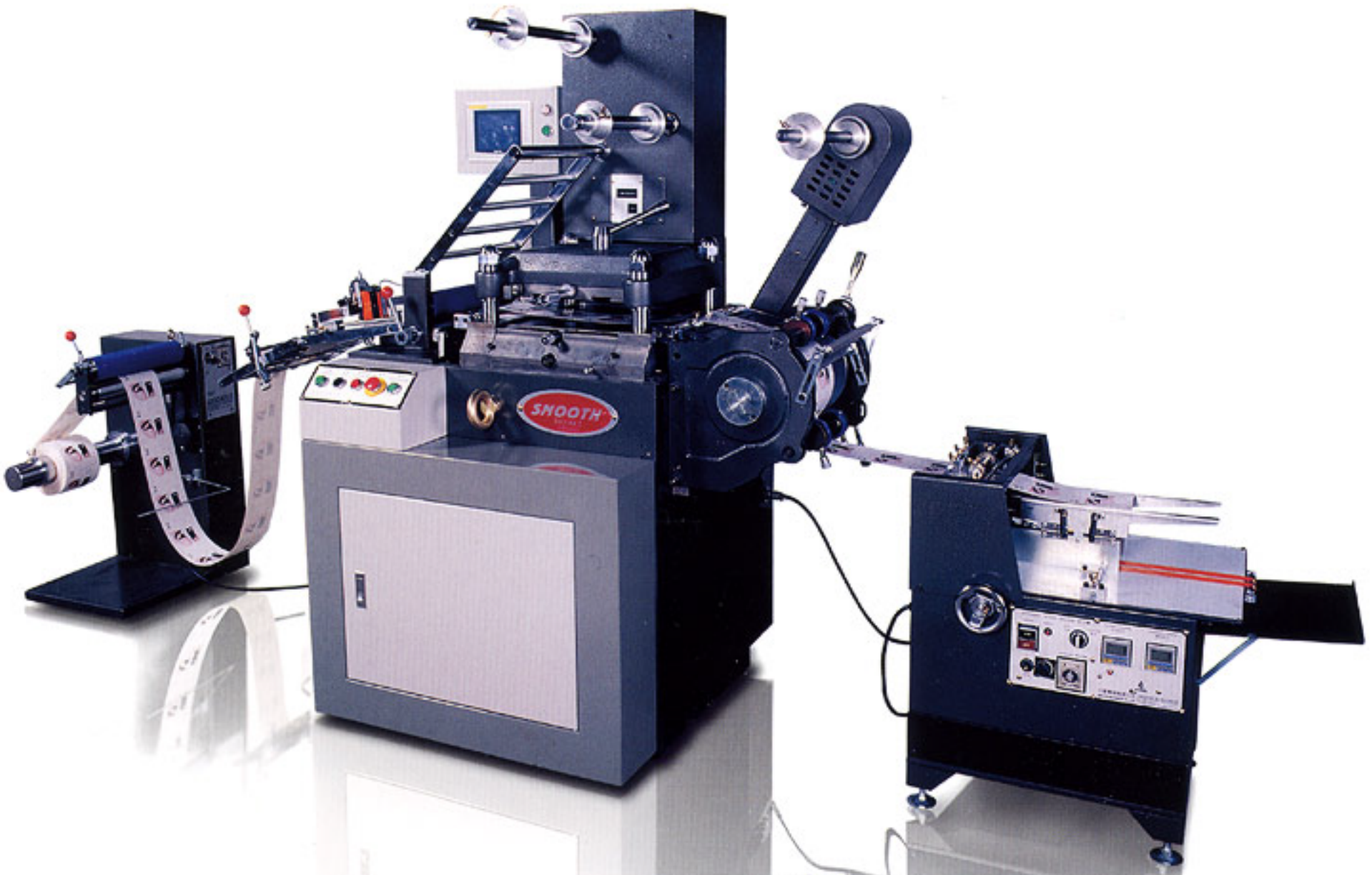
EB66705

SMOOTH

SPM-340F / SPM-320F
CNC High Speed Single Station Die-cut (Hot stamping) Machine
CNC 高速單座模切燙金機

Specification :

最大進紙寬 Max. Web Width	340 mm (340F) , 320 mm (320F)
最大模切面積 Max. Die-cut Area (WxL)	330 x 310 mm (340F) , 300 x 300 mm (320F)
最大模切速度 Max. Die-cut Speed	300 RPM, 18,000 imp/hr (340F) 200 RPM, 12,000 imp/hr (320F)
電力 Power	3 phase, 6.6 kw
機器尺寸 Dimension (LxWxH)	160 x130 x170 cm
重量 Machine Weight	2000 Kg (N.W.) 3000Kg (G.W.)



SPM-340F Max. speed :

300 rpm (imp/min) super high speed on-line or off-line with SPM-340LR.

SPM-320F Max. speed :

200 rpm (imp/min) super high speed on-line or off-line with SPM-270LR.

EB66706

Advantages:

A. Equipped with ***scanner CNC automatic computerized feeding & register system & unit*** to provide precise die-cutting (hot-stamping) results faster & easily controlled by ***Human machine interface touch screen*** (HMI).

B. ***Along, across & askew web angle adjustment*** for Die-cut (Hot stamping) station when the machine is operating. Non-stop pressure adjustment.

C. ***Flat-bed style station instead of oblique flat-bed style station*** design will provide equal pressure on 4 corners of the web instead of just 1 point caused pressure problems. Also web feeding will not flutter.

D. Special ***finished feeding drums*** no pressing traces remain on web while feeding. Especially benefits plastic materials printing.

E. ***Along the web style hot stamping instead of across the web style***. Hot stamping foil feeding direction is the same as the web feeding direction so the foil web feeding will be much more steady to touch the web.

F. ***CNC scanner twin positioning hot-stamping system & unit*** (for example : security mark on the hot-stamping foil stamping on the ordered position), ***CNC hot-stamping foil saver system & unit*** (foil feeding repeat length can be set for 1~ 2 groups both shorter than the machine repeat length can save much more foil wastage) can be chosen.

G. Special design such as ***multi-laminating shafts & poles, specialize full-cut unit***, specialize die-cut mold unit by male & female tools, heated die-cut or embossing unit…etc. available for client's request to design. Especially suitable for electronic, computer product, etc.

H. Twin stations machine die-cut (hot-stamping) station constructed by ***twin shafts sturdy balance device*** provided with even pressure up to maximum die-cutting (Hot-stamping) region. **Exclusive for 340FT, 320FT**

機器特性:

- 機身由精密CNC銑床搪孔及一體成型加工而成。
- 人機觸控式螢幕畫面 (HMI)
- 可於人機介面上設定機器之主速度及上光輪等之速度、工作張數、燙金溫度……等工作監視一目了然，操作簡便。
- CNC裝置配合電眼，以電腦驅動送紙，指撥式設定調整一次完成模切，精、準、快。
- 雙軸高精密度、壓力平衡裝置，超快速模切。
- 變速裝置:模切速度可自由調整 30~300 mm/min。
- 自動計數裝置:總數計量可隨意設定，並自動停機。
- 不停機仍可微調壓力及角度調整。
- 模切燙金面積: 300 x 300 mm, 超高速運轉可達到6000 RPH (imp/hr)
- 特殊需求如多重黏合裝置，全斷或半斷沖型裝置，全斷裝置……等，可依客戶要求來更改設計。
- 本機可連接分條機、切刀機、複捲機或單獨使用。



Optional Unit :

SL-340CR / SL-300CR : Slitter & Rewinder

最大進紙寬 Max. Web Width	340mm (SL-340CR) , 320 mm (SL-300CR)
最小分條寬度 Min. Slitting Width (mm)	10 mm , 7 knife sets for standard 標準七組刀
最大收料外徑 (mm) Max. Web Rewind Outer Dia.	ϕ 550 mm run around 1000 M
紙管內徑 Rewind Shaft Dia.	75 mm
最大速度 Max. Speed	連動式同主機 Connected on-line : As main machine 獨立式 Working independently : 75 M / min
電力 Power	1/2 HP , 220 V / 50 (60) Hz
機械重量 Machine Weight	163 KG (N.W.) , 245 KG (G.W.)
裝箱才積 Measurement	1.5 CBM



機器特性
1. 張數/米數計算及到張自動停車。
2. 收捲軸直徑大小分為3", 1.5", 1"。
3. 張力控制裝置使收捲平整，減少收捲偏移誤差過大。

標準配備
1. 送紙機
2. 人機觸控式螢幕
3. CNC電腦驅動進紙系統
4. 二次電眼對位系統
5. 上光貼合裝置
6. 模切版
7. 模切底板
8. 工具箱

選擇配備
1. 打孔座
2. 燙金裝置
3. 全斷模切裝置
4. 雙對位燙金裝置
5. 燙金箔節料裝置



Advantages :
A. Vacuum suction plate to make web easy piled up tight with clean roll. Unwind & rewind product shafts can rewind the printed roll for 2nd pass use.
B. Speed reducing program can be set for batch amountand can reduce the slitting speed to decrease the wastage of the end of slitting roll when off-line working.
C. Equipped with length and sheet amount sensors.
D. Machine will stop automatically when setting amount is achieved.

Standard Unit :
1. Unwinder
2. CNC Automatic Computerized Feeding & Register System
3. Colorful TFT Human Machine Interface Touch Screen (HMI)
4. 2nd Pass Scanner Unit
5. Special Finished Feeding Drum
6. Lamination Unit (Wastage Rewind Unit)
7. Die-cut (Hot Stamping) Mold Tool Set
8. 1 Box Tools for the Machine

Optional Unit :
1. Sprocket Hole Punching Station on Machine Table (P)
2. Additional Die-cut (Hot Stamping) Mold Tool Set (means the station can do the above 2 functions)
3. Specialized Full-cut Unit.
4. CNC Scanner Twin Positioning Hot-stamping System & Unit.
5. CNC Hot-stamping Foil Saver System & Unit

C-340 , C-300 : Sheeter

最大進紙寬 Max. Web Width	340 mm (C-340) , 320 mm (C-300)
最大速度 Max. Speed	連動式 Connected on-line : As main machine 同主機
機械尺寸 Machine Dimension	L52 x W76 x H40 (cm)
機械重量 Machine Weight	47 KG

** Smooth pursues a policy of continuous product improvement and reserves the right to modify the specification of any of its products without notice.





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