

210DHL / 280DHL CNC商標印刷機

CNC Label Printing Machine



ISO 9002
Since 1994 Patent

Simple Smart Smooth

SPM-210DHL

商標印刷機

CNC Label Printing Machine



ISO 9002
Since 1994 Patent

特殊架構設計高速運轉時可達到每小時12,000印次，所有運轉元件不磨損，能夠保持套色之準確度。

超大印刷面積330×200mm，超高速轉速可達12000RPH(imp/hr)。

Max.printing area :
330x200 mm, 12000 RPH (imp/hr) super high speed can be achieved.



規格表：

Specifcation	SPM-210DHL
最大紙寬 Max. web width	210 mm
最大印刷面積 Max. Printing Area (mm)	
一色 1 color	330(L) X 200(W) mm
二色 2 colors	159(L) X 200(W) mm
三色 3 colors	102(L) X 200(W) mm
四色 4 colors	73(L) X 200(W) mm
最大燙金面積 Max. Hot stamping Area (mm)	120(L) X 200 (W) mm
最大模切面積 Max. Die-cut Area (mm)	140(L) X 200 (W) mm
最大速度 Max. speed	3600~12000 RPH, imp / hr
電力 Power	3 HP, 3 phase, 220 V
燙金耗電 Power for Hot stamping	2.7 A, 600 w
機械尺寸 Machine dimension	L190 X W130 X H200 (cm)
機械重量 Machine weight	2100 KG (N.W.), 2500 KG (G.W.)
才積 Measurement	8.5 CBM

SPM-280DHL

商標印刷機

CNC Label Printing Machine



ISO 9002
Since 1994 Patent

特殊架構設計高速運轉
時可達每小時9000印次，
所有運轉元件不磨損，能保
持套色之準確度。

超大印刷面積500×
270mm，超高速轉速可達
9000RPH (imp/hr)。

Large printing area :
500 x 270 mm, 9000 RPH
(imp/hr) super high speed
can be achieved.



規格表：

Specifcation	SPM-280DHL
最大紙寬 Max. web width	280mm
最大印刷面積 Max. Printing Area (mm)	
一色 1 color	500(L) X 270(W) mm
二色 2 colors	242(L) X 270(W) mm
三色 3 colors	156(L) X 270(W) mm
四色 4 colors	113(L) X 270(W) mm
五色 5 colors	88(L) X 270(W) mm
六色 6 colors	70(L) X 270(W) mm
最大燙金面積 Max. Hot stamping Area (mm)	140 (L) X 260 (W)
最大模切面積 Max. Die-cut Area (mm)	270 (L) X 300 (W) mm
最大速度 Max. speed	3000~9000 RPH, imp / hr
電力 Power	5 HP, 3 phase, 220 V
燙金耗電 Power for Hot stamping	4.5A, 1000 w
機械尺寸 Machine dimension	L260 X W140 X H198 (cm)
機械重量 Machine weight	4100 KG (N.W.), 4600 KG (G.W.)
才積 Measurement	9 CBM

Simple Smart Smooth

SPM-210DHL
SPM-280DHL



ISO 9002
Since 1994 Patent

商標印刷機

CNC Label Printing Machine

特性：

1. 通過ISO9002(1994)品質系統管理流程，嚴格的標準與售後服務對客戶有保障。
 2. 隱式高速DD馬達之送料軸結構專利設計(詳請洽業務人員)。
 3. CNC裝置配合電眼，並以電腦驅動送紙，指撥式設定調整一次完成模切，精、準、快。
 4. 印刷位置與模切座分開，模切時可左、右、前、後角度調整，減少裝版，試車時之紙材耗損。
- 誠懇真實的描述，平實的作風毫不誇大。機器長期使用後仍保有較低的故障率，保養維護容易，固贏得良好口碑。

Advantages：

1. CE certifications by U.K. SGS and German TUV for all of our products.
2. ISO 9002 approval since 1994 :
The S.O.P. of Quality control, Development...achieve to the very strict standard demand therefore the products is trustful to the clients.
3. Concealed DD Motor MFS unique construction PATENT design to make machine more powerful, precision & durable but less consumption.(Patent right reserved)
4. Equipped with scanner CNC Automatic computerized feeding & register, length adjustable control panel system to provide precise printing, laminating, die-cutting (hot-stamping) by single process.
5. Printing station : seperate to the Die-cut station, design by Traditional Flat-bed and Slope Flat-bed 2 style combination !! So the result is to have:"Traditional Flat-bed style : easy to do the adjustment for the pressure, angle & position (due to printing and Die-cut station separate)" and "Slope Flat-bed style : more powerful printing pressure especially to print the full layout. So the "unequal average color block" will not be presented on the full layout part of label as Traditional Flat-bed style did."both advantages.
6. Speed controllable Oscillating applying printing cylinder & plate:
 - a. Ink transfer through this special design to the phototypes kneading ink average to the ink applying rollers to erase ghost shadows and get better printing result.
 - b. Beneficial for the very thin dots, lines, alphabets ...printing than traditional style :to increase ink but the icon blurred ; no increase ink but can't be printed.
 - c. Washing ink no need to make whole printing unit working, easy & convenient.
7. Exclusive design : Rotary style Unwinder, Alloy (no rust but against static) feeding shelf, Magnetic style alloy bottom plate (printing, die-cut, hot-stamping) with very light weight, Chemical wood printing frame (no rust, no glue remain & very light weight), L concealed style Lamination unit (against dust & tension smooth).
8. Multi-purpose electrical counter will provide with counting, pre-set, automatic stop facilities.
9. Equipped with automatic lubricating and pressure guide meter system, easy maintenance and assures the machine running smoothly.



10. Along, across & askew web angle adjustment for Die-cut station when machine operating.
11. Embossing function is available.
12. Non-stop pressure adjustment.
13. 3 ink applying rollers for 1 set, Scanner control Unwinder, One direction gears, Air-suction device, Strong steel & Anti-solvent painting machine body ...for our basic features no need to emphasize.
14. Hot stamping function is included not for optional unit. Along web style will have more bigger stamping area and more steady to get good stamping result than Across web style.
15. Power provided by DD motor instead of Servo motor which use on the most of other manufacturer's machines. DD motor will provide more powerful speed and precise printing registration.
16. Transmission by Unique Cam design instead of Big gear style which use on the most of other manufacturer's machines. Unique Cam will provide more powerful pressure to let printing plate touch ink more longer time to get more better printing result also Unique construction will protect the connection part so machine is very durable.

To sum up, the most important is:

Honest & truthful introduction, simple & unadorned working method never exaggeration. Machine after long time using still have good performance & the breakdown opportunity is lower than the others. Easy for maintenance, **"Operation: Simple, Design: Smart, Process: Smooth"** to win the reputation from customers.

應用材料與樣品：

模造紙、銅版紙、鏡銅紙、鋁箔紙、特多龍 (PET)、麗龍 (PVC)、(合成紙 P.P)、鐳射紙、緞布紙、植絨紙、卡紙、牛皮紙、偏光片、擴散版、銀反射片、貼合銅箔、光電膜、導電膜、軟性PC板、LCD導電膠、EMI絕緣材料、PE、薄膜...等成捲材料。



Applicable Materials & Printing Samples :

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, Shockproof glue, High Tec. Laminate material, EMI insulator, Sponge rubber, Conductor Sponge rubber, Thermal paper, PE, Plastic Leather, Thin film (IMD), Nameplate, Glue side printing labels, Security labels...etc materials in roll.

Generally speaking all the printing materials just not too elastic can be printed by this machine.

Simple Smart Smooth

標準配備：

- 送紙機
- 專利裝置;隱式高速DD馬達之送料軸結構
- CNC電腦驅動進紙系統
- 電眼對位系統
- 三色印刷用配件 四色印刷用配件

Standard Unit :

- Unwinder
- PATENT : Concealed DD Motor MFS unique construction
- CNC Automatic computerized feeding & register system
- 2nd pass scanner unit

選擇配備：

- 1色2色墨具組(SPM-210DHL)
1色2色5色6色墨具組(SPM-280DHL)
- 打孔座 (P)

Optional Unit :

- 1 color tool set, 2 colors tool set(SPM-210DHL)
1 color tool set, 2 colors tool set, 5 colors tool set, 6 colors tool set(SPM-280DHL)

W-14B : 複捲機 W-14B : Rewinder

- Connected with any label printing, die-cut, hot-stamping, laminating machines to rewind the finished label-web automatically.
- Easy operation can be put on the ground or table.

- 上光裝置
- 模切裝置
- 模切與燙金板組
- 校版台
- 工具箱

- 3 colors tool set, 4 colors tool set
- Lamination unit
- Die-cut unit
- Die-cut & Hot stamping mold tool sets
- Printing plate mounting device
- Tool set of machine

- UV-300D乾燥機
- DTR-17M隧道式乾燥複捲機

- Sprocket hole punching station on machine table (P)
- UV-300D: Movable UV dryer machine
- DTR-17M: Circuits Tunnel Heat Label Dryer





SL-300CR: 分條複捲機 SL-300CR: Slitter & Rewinder

- 可與任何廠牌商標印刷機聯用，將印製完成的標籤帶自動捲收絕不傷害未乾油墨。
- Can be connected on-line with main machine or working independently.
- Machine will stop automatically when setting amount is achieved.
- Adjustable tension control to fit for slitting material elasticity.
- Easy operating for example : Slitting knives positioning switch...etc.
- Air blower is accompanied with machine to blow away the web waste trim edge.



Specification	SL-300CR
最大紙寬 Max. web width	320 mm
最小分條寬度 (mm) Min. slitting width	10 mm, 7 knife sets for standard 標準七刀組 (special order to be requested)
最大收料外徑 (mm) Max. web rewind outer dia	Ø550 mm run around 1000 M (special design to be requested)
紙管內徑 Rewind shaft dia	75 mm
最大速度 Max. speed	連動式Connected on-line:As main machine同主機 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

C-300, C-250 : 切刀機 C-300, C-250 : Sheeter

- The sheeting amount can be set up and stop automatically. Also with alarm voice when it achieved.
- Jogging button for sheeting test can save more your printed product.
- Conveyor with motor, the products after sheeting can be easily tidy piled up.



Specification	C-300 or C-250
最大紙寬 Max. web width	320 mm (C-300), 270 mm (C-250)
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



川菱製造・值得信賴

川菱機械有限公司

SMOOTH MACHINERY CO., LTD

桃園縣楊梅鎮民隆路3號(民富工業區)

NO.3, MING LUNG ROAD, YANG MEI

TOWN, TAO YUAN COUNTY, TAIWAN

(MING-FU INDUSTRY PARK)

TEL: 886-3-4725667 (代表號)

FAX: 886-3-4726933

<http://www.smoothmac.com>

E-mail: info@smoothmac.com.tw