

# PRECISION NO BLUR

Your Best Partner in Printing Business

## CI & Flexo-stack Printing Machine



PRINTPLAS®

## 精準印刷 清晰不模糊

我們是您印刷事業最佳夥伴



CE

### 塑技有限公司

台灣 | 台中市烏日區41464  
溪南路一段460巷200號

電話 | +886-4-23358986(代)

傳真 | +886-4-23354979

E-mail sales@printplasmachinery.com

[www.printplas.com.tw](http://www.printplas.com.tw)

### Printplas Machinery Co., Ltd.

Taiwan | No. 200, Ln. 460, Sec. 1, Xinan Rd., Wuri Dist.,  
Taichung City 41464, Taiwan

Tel | +886-4-23358986(REP)

Fax | +886-4-23354979

E-mail sales@printplasmachinery.com

[www.printplasmachinery.com](http://www.printplasmachinery.com)



[www.printplas.com.tw](http://www.printplas.com.tw)

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# PRECISION NO BLUR

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## About us

Printplas Machinery Co., Ltd. is specialized on the manufacturing of flexographic printing machine in Taiwan. With skill workers and machine R&D department, we are keeping our effort for providing precise, high speed printing machine for our users.

## 精準印刷 清晰不模糊

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## 關於我們

塑技有限公司是台灣專業製造膠版印刷機械的公司。我們有專業技術人員及技術研發部門，為我們的客戶提供高速及精準印刷機。

## Philosophy to Our Product

- Good Quality
- Prompt Service
- Product Consistency
- Innovative Technology

## 產品承諾

- 品質優良
- 迅速的服務
- 機械的長期穩定性
- 對於新技術的追求



# CI SYSTEM FLEXO PRINTING MACHINE

## 中央大輪式膠版印刷機

### PKF-6CI 系列

SERIES

含網路遠端診斷功能

Equipped with internet accessible remote diagnoses



Photo shown optional auto splicing device



### Main Features

- Equipped with internet accessible control system for remote diagnoses of programming and electronic components.
- The central impression drum surface precise grind and coated, without risk of pores and with the dual wall design for water cooling purpose to ensure material to be smoothly transport and precisely printed.
- 80mm thick cast metal plate frame provide a very steady, vibration free foundation for the print work.
- Servo motors equipped for main drive / in-out feed / unwind and rewind, provide a smooth motion control for constant tension for film.
- Super fine printing impression adjustment device to achieve fine process printing work requirement.
- Long arch drying tunnel plus turbo blowers and suction motor to ensure drying of ink during high speed operation.
- The following can be add on:
  - a. Servo driven impression automation with memory pack.
  - b. Quick change over sleeve system.
  - c. Auto splicing for rewind & unwind.
  - d. Turn bar for reverse printing.

### 特色

- 本機裝配網路連結電控系統，可遠端診斷程式及電器裝置。
- 中央大輪為雙壁式內冷卻循環設計，輪面經精密研磨，確保印材平順貼附，印刷精準。
- 80mm厚度車壁，可提供各印刷座穩定及無振動的基礎。
- 伺服傳動主機 / 導入 / 導出 / 放捲 / 收捲連動確保料捲張力恆定。
- 每色均有超細微印壓微調裝置，達到精細彩藝印刷要求。
- 長拱型乾燥風箱搭配高效率風車及排風馬達，確保高速印刷時油墨充分乾燥。
- 下列可供選擇加配：
  - a. 含記憶組的伺服印壓自動化
  - b. 快速套筒式系統
  - c. 自動接料裝置
  - d. 反轉印刷裝置

# CI SYSTEM FLEXO PRINTING MACHINE

## 中央大輪式膠版印刷機

### PKF-6CI 系列 SERIES

含網路遠端診斷功能

Equipped with internet accessible  
remote diagnoses



### Specification 規格

Model 型號	Printing width 印刷寬度	MM	Film width 材料寬度	MM	Repeat length 印刷長度	MM	Printing speed 印刷速度	M/min
PKF-600-6CI	600		650		300~900		50~200	
PKF-800-6CI	800		850		300~900		50~200	
PKF-1000-6CI	1000		1050		300~900		50~200	
PKF-1200-6CI	1200		1250		300~900		50~200	
PKF-1400-6CI	1400		1450		380~900		50~200	
PKF-1600-6CI	1600		1650		380~900		50~200	

Printing Speed varied depending on different printing condition. 印刷速度因印刷條件不同而異

CE

Photo shown machine with CE conformity standard

# FLEXO-STACK PRINTING MACHINE

## 高速膠版印刷機

### PKF-4HS 系列

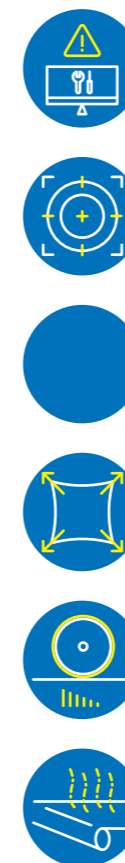
SERIES

含網路遠端診斷功能

Equipped with internet accessible remote diagnoses



### Main Features



- This type of machine provide other choice than CI machine, suitable for requirement of high printing performance and provide easy arrangement for reverse printing.
- By adopting "Bull Gear" system to drive impression gear directly. The steady gear transmission give the possibility to perform high precision printing performance.
- Machine framed with 80 mm cast metal plate, provide a very steady, vibration free foundation for the printing work.
- Japan made automatic tension control system for unwind and rewind station.
- High sensitive feed in and feed out tension controlling system, incorporated with synchronized motion control to ensure constant tension during printing.
- Super fine printing adjustment device to secure printing accuracy at each printing station.
- Incorporated with high precision close chamber doctor blade and laser engraved ceramic anilox unit for fine printing requirement.
- Long arch drying tunnel with strong blower to ensure drying of ink during high speed operation.
- Air disc type braking system for quick stop of the machine.
- Machine controlled by Japan PLC system with full color user friendly HMI.
- Full servo system with PLC memory module auto printing controlling system can be added to achieve a high level automation.
- Quick change over sleeve system can be adopted as optional.
- Equipped with internet accessible control system for remote diagnoses of programming and electronic components.

### 特色

- 本機提供大輪式印刷機外另一個優勢選擇，可提供高精準印刷表現，同時亦提供方便的正/反面印刷功能。
- 採用大型齒輪直接傳動各印刷座，穩定的齒輪傳動使本機可高精準印刷表現。
- 80mm厚度車壁提供各印刷座穩定及無振動的基礎。
- 收/放料均採用日系自動張力控制系統。
- 導入/導出以高敏銳張力控制，並搭配連動控制，確保印刷時張力恆定。
- 每色均有超細微調裝置，確保高品質印刷效果。
- 本機使用精密型密封式刮刀系統及雷射雕刻陶瓷網目輪，可印高細度彩印。
- 長拱型乾燥風箱並搭配高效率風機，確保高速運作時油墨充分乾燥。
- 本機採用碟式煞車系統能在高速運作時迅速停機。
- 本機採用日系可程式控制系統及搭配便利的彩色人機介面。
- 本機亦可搭載全伺服電機系統及可程式控制記憶模組，進一步提升自動化及使用便利性。
- 可選擇快速套筒式系統。
- 本機裝配網路連結電控系統，可遠端診斷程式及電器裝置。

Max. printing speed: 200 m/min 印刷速度最高 200米/分

Photo shown for paper pre-printing with optional auto splicing device.

# FLEXO-STACK PRINTING MACHINE

## 高速膠版印刷機

### PKF-6HS 系列 SERIES

含網路遠端診斷功能

Equipped with internet accessible  
remote diagnoses



### Specification 規格

Model 型號	Printing width 印刷寬度	Film width 材料寬度	Repeat length 印刷長度	Printing speed 印刷速度	Printing combination 可印刷組合
	MM	MM	MM	M/min	
PKF-600-4HS	600	650	300~900	50~200	0+4 / 1+3 / 2+2
PKF-800-4HS	800	850	300~900	50~200	0+4 / 1+3 / 2+2
PKF-1000-4HS	1000	1050	300~900	50~200	0+4 / 1+3 / 2+2
PKF-1200-4HS	1200	1250	300~900	50~200	0+4 / 1+3 / 2+2
PKF-1400-4HS	1400	1450	380~900	50~200	0+4 / 1+3 / 2+2
PKF-1600-4HS	1600	1650	380~900	50~200	0+4 / 1+3 / 2+2

Printing Speed varied depending on different printing condition. 印刷速度因印刷條件不同而異

Model 型號	Printing width 印刷寬度	Film width 材料寬度	Repeat length 印刷長度	Printing speed 印刷速度	Printing combination 可印刷組合
	MM	MM	MM	M/min	
PKF-600-6HS	600	650	300~900	50~200	0+6 / 1+5 / 2+4 / 3+3
PKF-800-6HS	800	850	300~900	50~200	0+6 / 1+5 / 2+4 / 3+3
PKF-1000-6HS	1000	1050	300~900	50~200	0+6 / 1+5 / 2+4 / 3+3
PKF-1200-6HS	1200	1250	300~900	50~200	0+6 / 1+5 / 2+4 / 3+3
PKF-1400-6HS	1400	1450	380~900	50~200	0+6 / 1+5 / 2+4 / 3+3
PKF-1600-6HS	1600	1650	380~900	50~200	0+6 / 1+5 / 2+4 / 3+3

Printing Speed varied depending on different printing condition. 印刷速度因印刷條件不同而異

Max. printing speed: 200 m/min 印刷速度最高 200米/分

# FLEXO-STACK PRINTING MACHINE

## 高速膠版印刷機

PKF-4/6 系列  
SERIES

### Main Features

- Machine framed with 50mm cast metal plate, provide a very steady, vibration free foundation for the printing work.
- All gears are helical design.
- AC main motor from SIEMENS and controlled by Japan made inverter to provide a steady speed performance.
- Inking rubber rollers are driven by European made hydraulic motor independently, speed can be adjusted for controlling ink transfer volume.
- Simple but accuracy and steady vertical & horizontal image adjustment device.
- Long arch type drying tunnel with high capacity blower, to allow ink quick drying during high speed operation.
- Bearing house design for holding rubber roller, plate cylinder and anilox roller.
- Machine can be equipped with Japan auto tension controlling system, close chamber doctor blade, EPC at unwind, rewind as optional choice.

### 特色

- 50mm厚度車壁提供各印刷座穩定及無振動的基礎。
- 所有齒輪均為斜齒設計。
- 以日系變頻器控制歐系交流馬達，使機械速度穩定順暢。
- 油墨膠輪以歐系油壓馬達獨立帶動，油墨量可經由馬達速度來調整。
- 本機採用簡易但準確及穩定的印刷圖樣垂直與水平調整裝置。
- 長拱型乾燥風箱並搭配高效率風機，確保高速運作時油墨充分乾燥。
- 油墨輪 / 網目輪 / 貼版輪均配以軸承。
- 本機可選購日系自動張力控制器 / 密閉式刮刀系統 / 收放料處自動對邊機。



Max. printing speed: 100 M/Min. 印刷速度最高 100米/分



# FLEXO-STACK PRINTING MACHINE

## 高速膠版印刷機

### PKF-8 系列 SERIES

#### Specification 規格

Model 型號	Printing width 印刷寬度	Film width 材料寬度	Repeat length 印刷長度	Printing speed 印刷速度	Printing combination 可印刷組合
	MM	MM	MM	M/MIN	
PKF-600-4	600	650	300~900	100	0+4 / 1+3 / 2+2
PKF-800-4	800	850	300~900	100	0+4 / 1+3 / 2+2
PKF-1000-4	1000	1050	300~900	100	0+4 / 1+3 / 2+2
PKF-1200-4	1200	1250	300~900	100	0+4 / 1+3 / 2+2
PKF-1400-4	1400	1450	300~900	100	0+4 / 1+3 / 2+2
PKF-1600-4	1600	1650	300~900	100	0+4 / 1+3 / 2+2

Printing Speed varied depending on different printing condition. 印刷速度因印刷條件不同而異

Model 型號	Printing width 印刷寬度	Film width 材料寬度	Repeat length 印刷長度	Printing speed 印刷速度	Printing combination 可印刷組合
	MM	MM	MM	M/MIN	
PKF-600-6	600	650	300~900	100	0+6 / 1+5 / 2+4 / 3+3
PKF-800-6	800	850	300~900	100	0+6 / 1+5 / 2+4 / 3+3
PKF-1000-6	1000	1050	300~900	100	0+6 / 1+5 / 2+4 / 3+3
PKF-1200-6	1200	1250	300~900	100	0+6 / 1+5 / 2+4 / 3+3
PKF-1400-6	1400	1450	300~900	100	0+6 / 1+5 / 2+4 / 3+3
PKF-1600-6	1600	1650	300~900	100	0+6 / 1+5 / 2+4 / 3+3

Printing Speed varied depending on different printing condition. 印刷速度因印刷條件不同而異

Model 型號	Printing width 印刷寬度	Film width 材料寬度	Repeat length 印刷長度	Printing speed 印刷速度	Printing combination 可印刷組合
	MM	MM	MM	M/MIN	
PKF-600-8	600	650	300~800	100	0+8 / 1+7 / 2+6 / 3+5 / 4+4
PKF-800-8	800	850	300~800	100	0+8 / 1+7 / 2+6 / 3+5 / 4+4
PKF-1000-8	1000	1050	300~800	100	0+8 / 1+7 / 2+6 / 3+5 / 4+4
PKF-1200-8	1200	1250	300~800	100	0+8 / 1+7 / 2+6 / 3+5 / 4+4
PKF-1400-8	1400	1450	300~800	100	0+8 / 1+7 / 2+6 / 3+5 / 4+4
PKF-1600-8	1600	1650	300~800	100	0+8 / 1+7 / 2+6 / 3+5 / 4+4

Printing Speed varied depending on different printing condition. 印刷速度因印刷條件不同而異



Max. printing speed: 100 m/min 印刷速度最高 100米/分