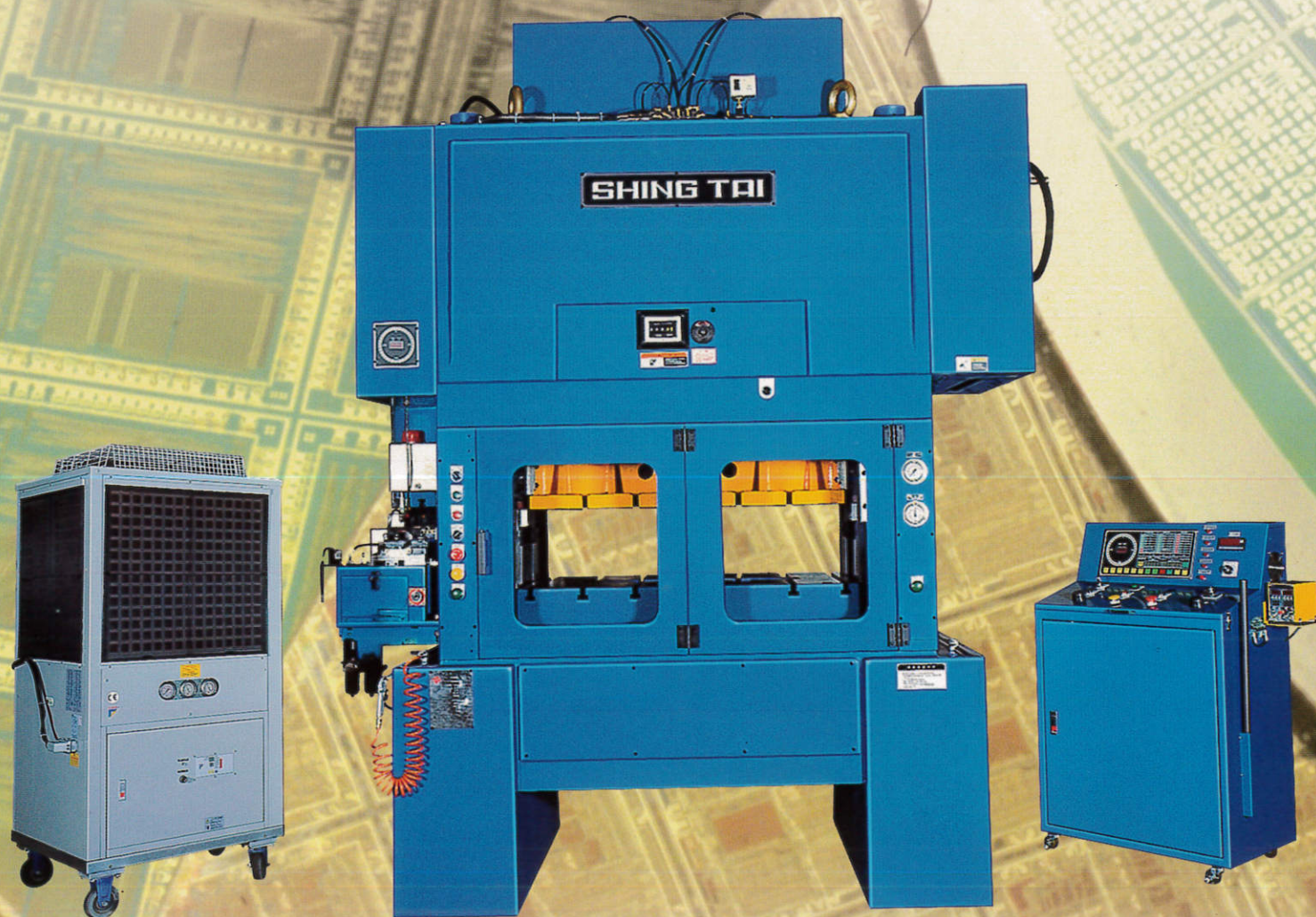


KD-FS SERIES

龍門式高速精密沖床

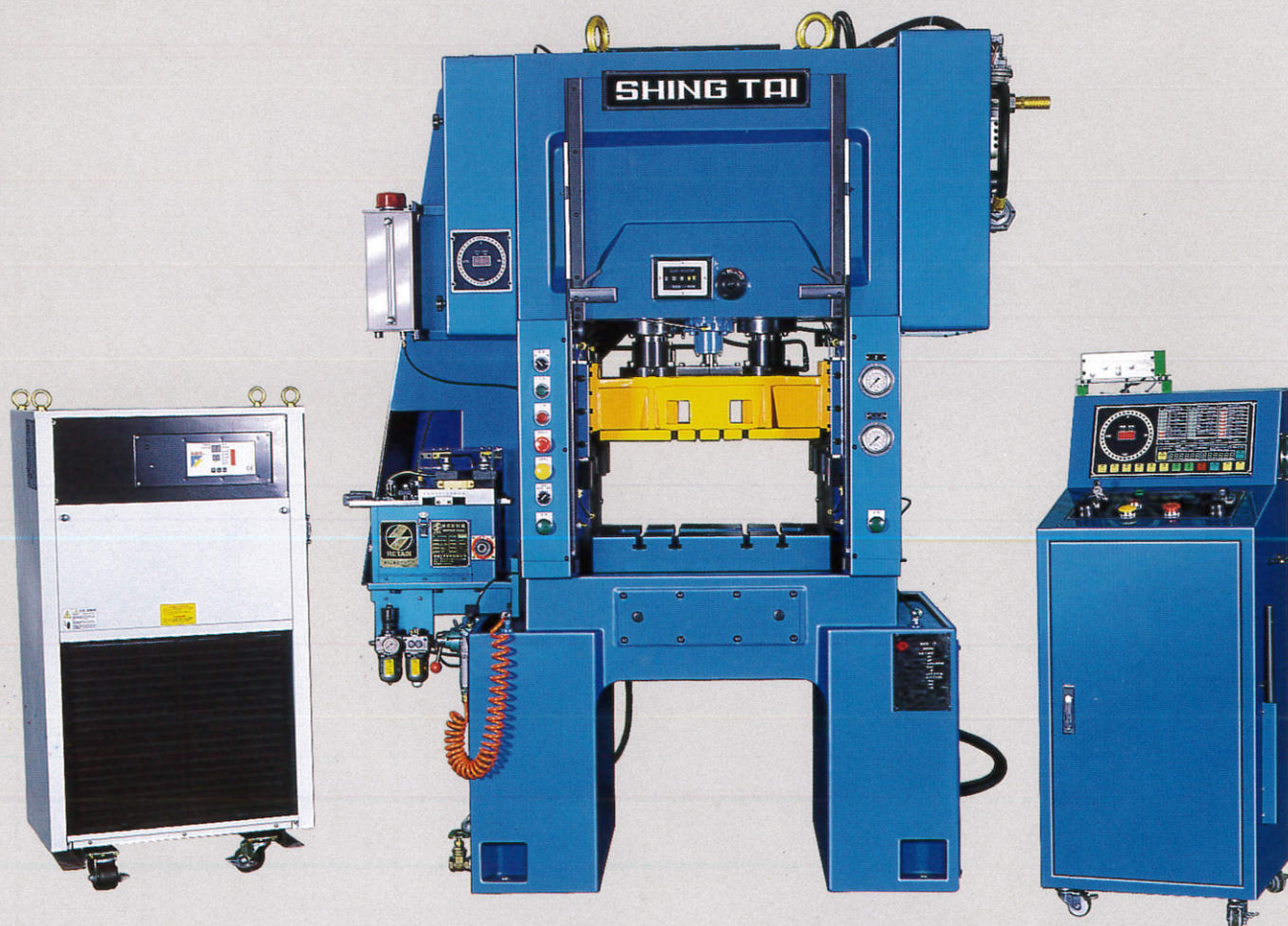
STRAIGHT SIDE HIGH SPEED PRECISION PRESS



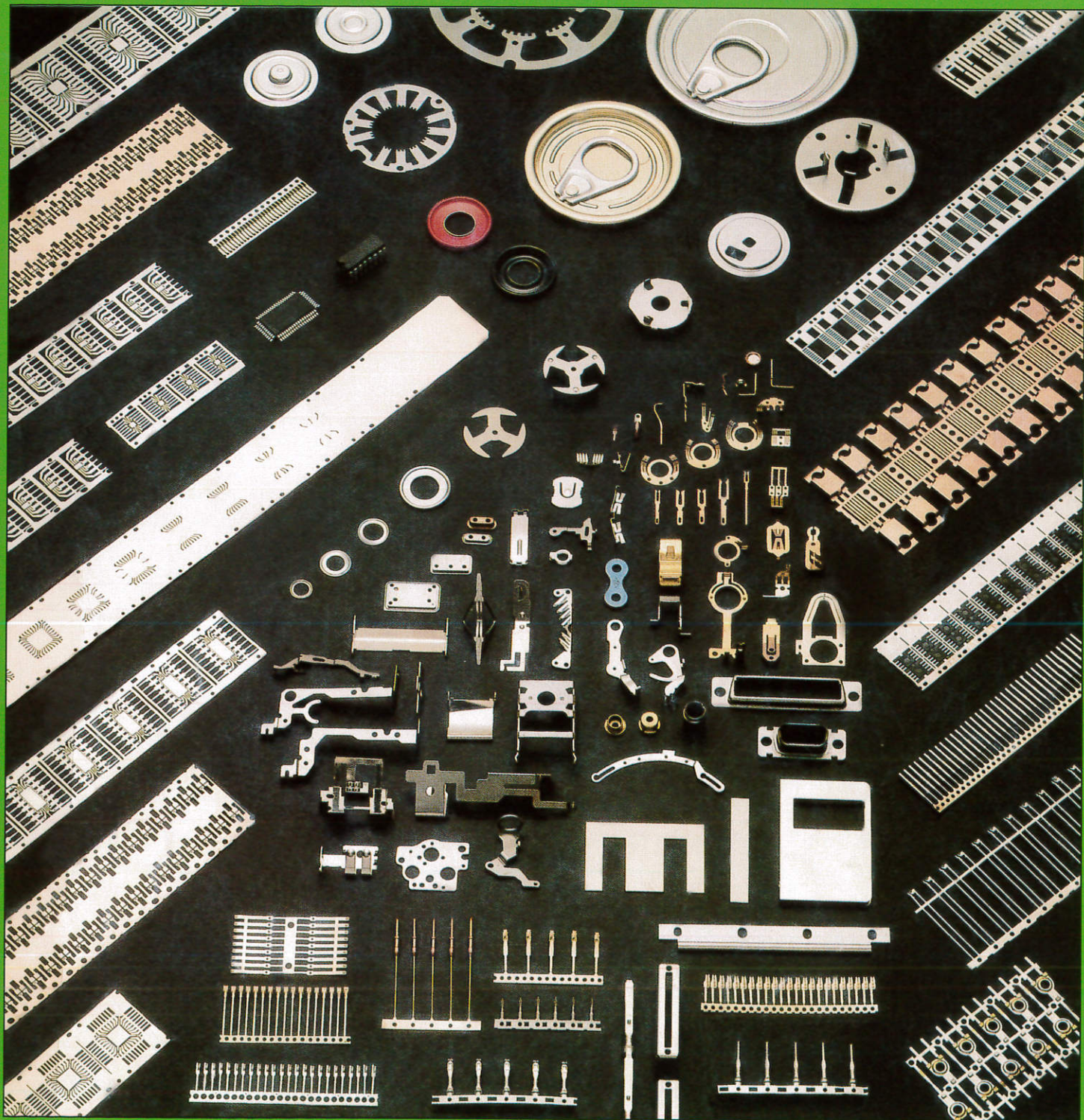
SHING TAI

- 操作簡單
- 節省人力
- 管理容易
- 製品精密

- EASY OPERATION
- SAVE MANPOWER
- EASY MAINTENANCE
- PRECISION PRODUCT



沖製样品 / PRODUCT SAMPLE



■零間隙精密導軌

Zero Clearance Precision Guide

採用八面滾針軸承導軌，並給予預壓使滑塊與導軌之間以零間隙作往復運動時，滑塊在上下死點時水平與垂直的精度均能保持一致性，模具壽命和製品的精度均得以確保。

Designed With 8-face needle roller bearing guide, and programmed pressure to ensure slide's horizontal and vertical precision when moving back and forth zero clearance on the guide.

■獨特曲軸設計

Unique Crank Design

曲軸同時使用銅襯和滾針軸承支撐兼具摩擦係數小與承受重負荷的優點，使沖床運轉順暢，壽命得以延長。

The crank is supported by both bushing and needle roller bearing that offers the advantage of reducing friction and increasing weight load capacity, enabling smooth press operation and serviceability.

■高剛性鑄造機架

Rigid Cast Frame

高剛性鑄造機架具有共振小，吸震性佳，膨脹係數低，變形量少的優點，長時間作業穩定性佳。

Rigid cast frame has the advantages of low oscillation, good shock absorbency, low coefficient of expansion and long time operation stability.

■雙圓導柱消除側向力

Double Post Guide Removal of Lateral Pressure

雙圓導柱可將沖壓過程所產生的側向力導引於機架使模具不會因側向力而磨損，並使滑塊保持相對於曲軸中心作上下往復運動，進而保護模具，提升製品品質。

The double post guide function to channel the lateral pressure produced in the process of stamping to reduce damages to die, and maintain the slide's axial up and down motion, which in turn protects die and enhances product quality.

■模高調整

Die Height Adjustment

模高調整採用油壓鎖定裝置，沖壓作業中，使製品精度提高且一致。

Adjustment is controlled by a hydraulic lock device for product precision and consistency.

■動態平衡裝置

Dynamic Balance Device

動態平衡裝置有效的克服沖床震動，使製品和模具不受震動因素的影響，精度和品質均能獲得控制。

The dynamic balancer can effectively counter press vibration to protect die and product as well as maintain precision and quality.

■電腦控制系統

Computer Control System

由電腦控制整體運作，具有剎車角度補正功能，能正確停止於上死點，具有異常診斷功能，能將異常顯示於控制面板，維修容易，並提供整體運作信息及週邊設備使用狀況，使操作者能掌握機器運作情形。

The computer control monitor the rotation, output, deviation and they are showed on the control pannel. The user can realize every massage from pannel and troubleshooting.

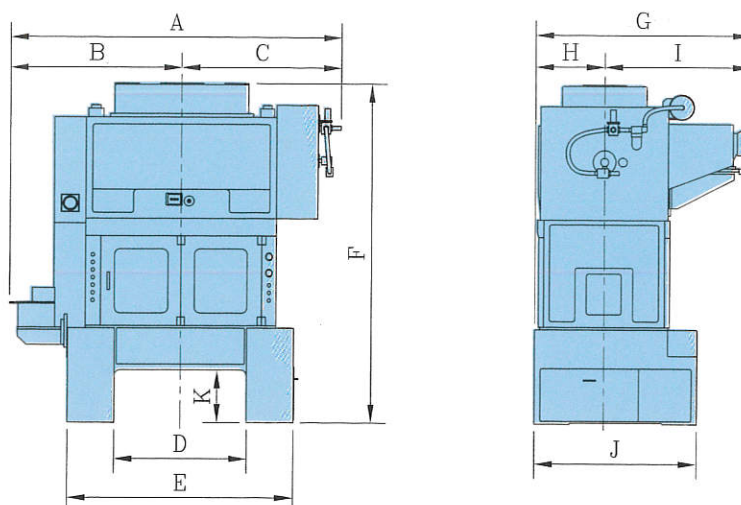
■強制循環油冷卻裝置

Circulating Cooling Device

高速運轉時機件因摩擦生熱，使下死點產生熱變位，因而影響製品的精度，此系列配有強制循環油冷卻系統可將熱變位做有效控制。

Under high-speed operation, machine parts are heated from friction that can cause thermal displacement, and affect product precision. This series is equipped with circulating cooling system for effective control of thermal displacement.

■(KD-FS)外形尺寸圖 / Dimensional Drawing



	A	B	C	D	E	F	G	H	I	J	K
KD-45FS	2450	1310	1140	950	1630	2450	1550	450	1100	1100	410
KD-60FS	2860	1480	1380	1150	1950	2920	1885	595	1290	1400	450
KD-80FS	3350	1660	1690	1510	2310	2100	1885	595	1290	1400	450

■(KD-FS)主要規範 / Main Specifications

形式 Model		KD-45FS			KD-60FS				KD-80FS			
能力 Capacity	ton	45			60				80			
行程 Stroke length	mm	20	30	40	30	40	50	60	30	50	60	75
每分鐘行程數 Stroke per minute	spm	150 } 900	150 } 800	150 } 600	150 } 800	150 } 600	150 } 500	150 } 400	100 } 700	100 } 500	100 } 400	100 } 300
模高 Die height	mm	270	265	260	315	310	305	300	360	355	350	338
滑塊調整量 Slide adjustment	mm	40			50				50			
滑塊面積 Slide area	mm	850×420			1080×500				1380×580			
副盤面積 Bolster area	mm	950×500×120			1170×800×140				1500×800×160			
台床孔徑 Bed opening	mm	810×185			900×200				1200×260			
側邊孔徑 Side opening	mm	300			300				300			
電動機 Motor	HP	20×4			30×4				40×4			
潤滑系統 Lubrication system	強制循環自動給油裝置 Circulating automated lubrication											

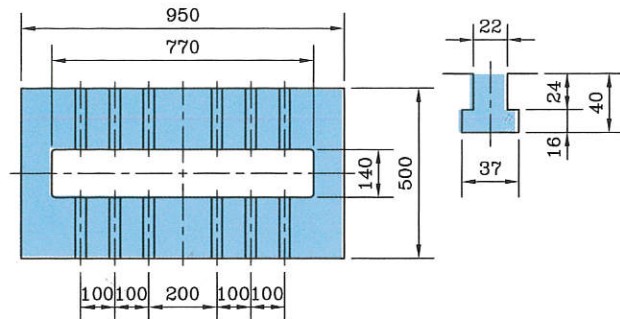
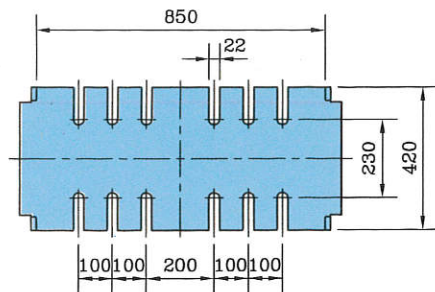
■(KD-FS)滑塊尺寸圖

Dimensional Drawing of Slide

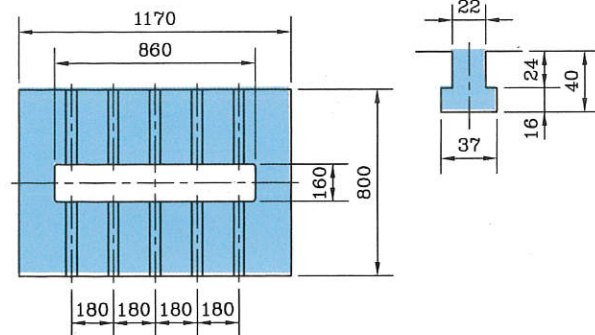
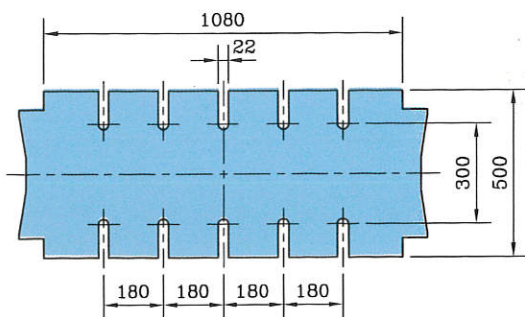
■(KD-FS)副盤尺寸圖

Dimensional Drawing of Bolster

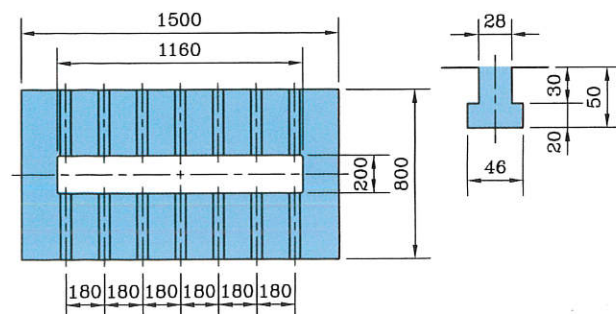
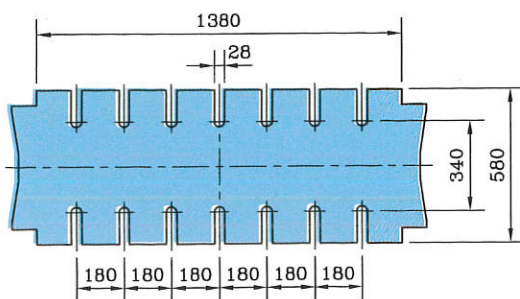
KD-45FS



KD-60FS



KD-80FS

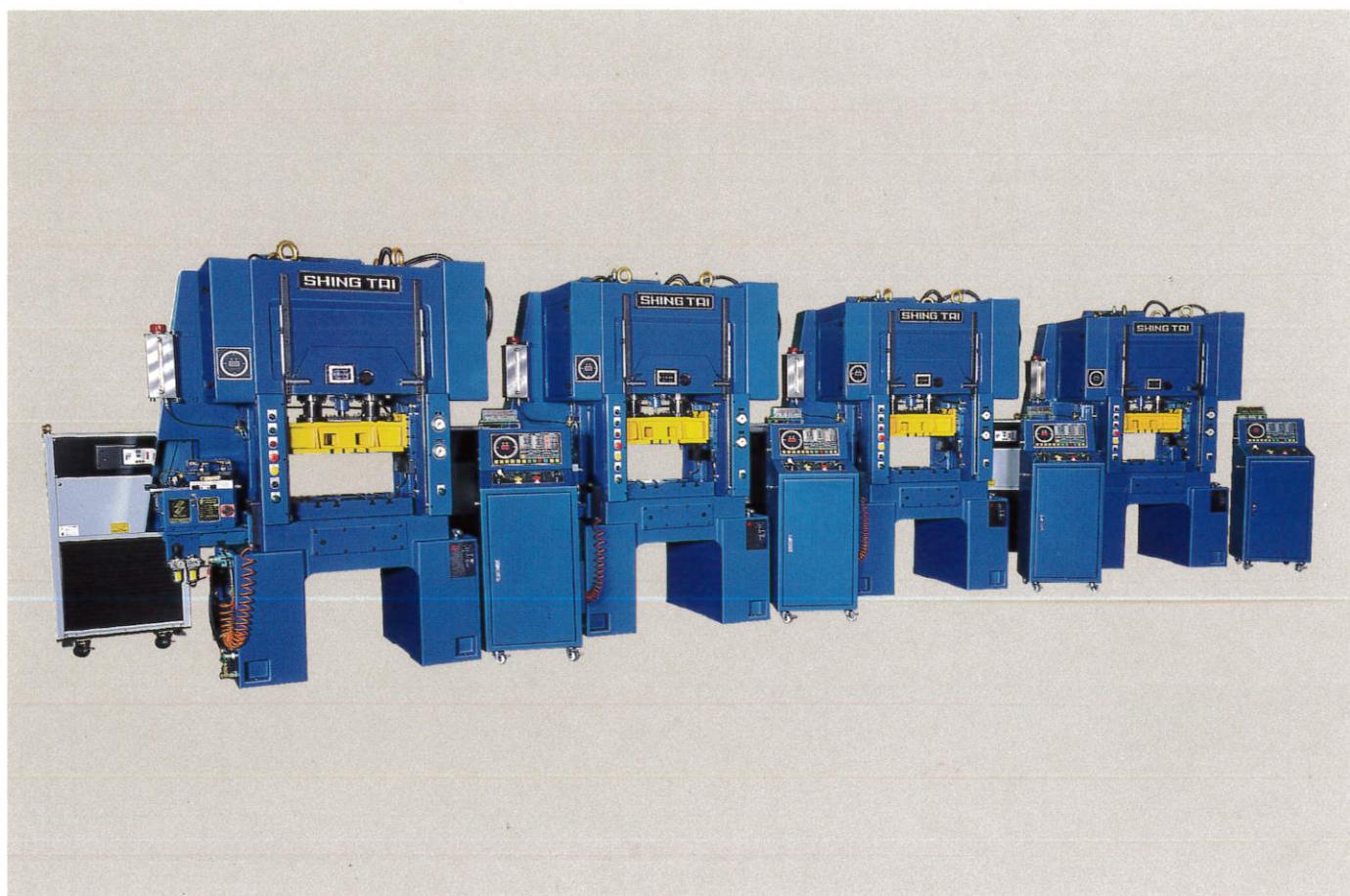


■ 標準裝備

- 1.動態平衡裝置
- 2.曲軸角度指示器
- 3.油壓式模高調整鎖定裝置
- 4.數字模高指示器
- 5.手動開關前後門
- 6.夾模脫離裝置
- 7.自動潤滑泵浦
- 8.潤滑油冷卻裝置
- 9.氣壓噴射

■ Standard Equipment

- 1.Dynamic balance device
- 2.Crank angle indicator
- 3.Hydraulic adjust lock device
- 4.Digital die height indicator
- 5.Manual fornt and back door
- 6.Jamming separator
- 7.Automatic lubricator pump
- 8.Lubrication cool device
- 9.Air ejector



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