

Straight Side Double Crank High Speed Press

This high speed press features a steel plate welded closed structure for high rigidity. It utilizes PLC and electronic encoder digital control for automated operation.



Overview

High-Performance Precision Press

The FH2 Series Straight Side Double Crank High Speed Press is a robust and precise metal forming machine designed for high-volume production. Featuring a rigid straight side frame, this press ensures minimal deflection and optimal accuracy during operation. The double crank mechanism provides balanced force distribution, enabling the efficient stamping, punching, and forming of various metal parts. Equipped with advanced control systems, including programmable logic controllers (PLCs), the press allows for easy setup and monitoring of production parameters.

Performance

Key Performance Metrics

3000 KN

Max Capacity

350 SPM

Max Speed

30 mm

Stroke Length

Technical Specifications

机种 / Type	FH2-125	FH2-200	FH2-300
Capacity (KN) 冲床能力 (千牛)	1250	2000	3000
Stroke length (mm) 冲床行程 (mm)	30	30	30
Forming table length (mm) 成形工作台长度 (mm)	2	2	2
Stroke range (mm) 冲程范围 (mm)	150-350	150-350	120-350
Die height (mm) 模高 (mm)	400	450	450
Slide adjustment (mm) 滑块调整 (mm)	50	50	50
Stroke area (mm) 冲程面积 (mm)	1400x700	1800x900	2000x1000
Slide area (mm) 滑块面积 (mm)	1400x600	1800x900	2000x900
Stroke thickness (mm) 冲床厚度 (mm)	170	190	300
Main motor (KW) 主马达 (KW)	30	37	45
Transfer type 送料器 (kg)	37	45	55
Slide table stroke (mm) 滑块行程 (mm)	0.75x4	1.1x4	1.5x4
Slide opening (mm) 滑块开口 (mm)	365x410	450x550	500x580
Air pressure required (kg/cm²) 空气压力 (kg/cm²)	5	5	5
Accuracy (JIS standard) 精度 (JIS标准)	JIS-exceeds class 1	JIS-exceeds class 1	JIS-exceeds class 1

Technical specifications comparison for FH2-125, FH2-200, and FH2-300 models.

Model Comparison

Specification	FH2-125	FH2-200	FH2-300
Capacity (KN)	1250	2000	3000
SPM (Variable)	150-350	150-350	120-350
Die Height (mm)	400	450	450
Main Motor (KW)	30	37	45
Accuracy Standard	JIS-exceeds class 1		
Required Air Pressure	5 Kg/cm²		

Standard Equipment

- 油压锁牙 Hydraulic slide adjustment locking device
- 温油冷却装置 Oil Cooler
- 电子凸轮 Digital stroke sensor
- 六位数电子式预调计数器 6 digits electronic type preset counter
- 六位数电子式累积计数器 6 digits electronic type production counter
- 模高指示器(单位0.1 MM) Digit type Die height indicator (0.1 MM)
- 空气源接头一回路 1 Auxiliary air connection
- 可调防震脚 Adjustable anti-vibration mounts
- 自动滴油装置（送料） Auto lubrication device for raw material
- 滑块平衡装置 Slide balance
- 电动滑块调整装置 Electrical Slide adjusting device
- 扣片装置（配三组吹风电磁阀三组） Electrical control device for laminate
- 强制润滑给油 Auto lubrication system
- 误送检知装置 Socket for misfeed detecting device
- 电源插座24V 24V power socket

Standard equipment and integrated components provided with the FH2 series.

Included Features

- Hydraulic slide adjustment locking device
- Oil cooler
- Digital stroke sensor
- 6-digit electronic preset & production counters
- Digit type die height indicator (0.1mm)
- Adjustable anti-vibration mounts
- Auto lubrication system
- Slide balance
- Electrical slide adjusting device

Connectivity & Control

PLC Control, Digital Encoder, Misfeed Detecting Socket, 24V Power Socket, Auxiliary Air Connection