

Straight Side Double Crank Power Press

The fuselage is designed for optimal stress distribution and rigidity. Its eight-sided guideway enhances worktable dimensions, increasing the size range of stamping parts.



ADDITIONAL IMAGES



Overview

High-Performance Metal Forming

The Straight Side Double Crank Power Press features a rigid fuselage design that ensures minimal stress and high stability during operation. Engineered for precision, the eight-sided guideway allows for larger worktable dimensions, accommodating a wider range of stamping parts. This machine is ideal for processing thick plates and complex, multi-station progressive die stamping tasks, offering low vibration and noise levels compliant with environmental standards.

Performance Metrics

Capacity Range

2500 KN

Minimum Capacity

5000 KN

Maximum Capacity

Technical Specifications

Machine Specifications

Specification	Range/Details
Stroke Length	170 - 350 mm
Variable Speed	20 - 60 s.p.m
Main Motor Power	22 - 45 KW
Air Pressure Required	5 Kg/cm ²
Accuracy Standard	JIS-class1

Safety & Control

- 双手操作台 Moveable two hand operation control pedestal
- 切/寸动/安全~行程/连续行程 Off/inch/safety stroke/continue mode
- 油压超负荷保护装置 Hydraulic over load protects
- 二度落保护装置 Anti-over running safety device
- 电动滑块调整装置 Electrical slide adjusting device
- 数字模高指示器(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
- 滑块平衡装置 Slide balance
- 误送检知装置 Socket for misfeed detecting device
- 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
- VS无段变速马达 VS Variable speed electrical motor
- 喷风装置 Spray air device
- 双联电磁阀 Double action solenoid for C/B device
- 可程式控制-PLC PLC controller-Programmable Controlling System
- NC接口 Socket for NC feeder
- 光电接口 Socket for safety light curtain

Moveable two-hand operation control pedestal and advanced safety systems.

Control System

- PLC Programmable Controlling System
- Digital Stroke Sensor
- Electronic Preset Counter (6 digits)
- Electronic Production Counter (6 digits)
- Digit Type Die Height Indicator (0.1 mm)

Safety Features

Hydraulic Overload Protection, Anti-over Running Safety Device, Safety Light Curtain, Double Action Solenoid, Two-hand Operation Control

Components & Accessories

- 模垫 Die cushion
- 举模器/移模臂 Die lifter/Die arm
- 机械手 Transfer unit
- 送料机/材料架/矫正机 NC feeder/Uncoiler/Straightener
- 滑块上部顶料装置 Slide knockout device
- 送料轴 Driving shaft
- 光电安全装置 Safety light curtain
- 变频器 Inverter

Key components including die cushion, transfer unit, and NC feeder integration.

Included Components

Die Cushion • Die Lifter • Transfer Unit • NC Feeder • Uncoiler • Straightener • Slide Knockout Device