

# 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 <sup>2</sup>
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—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