

Sheet Metal Punching and Shearing Machine

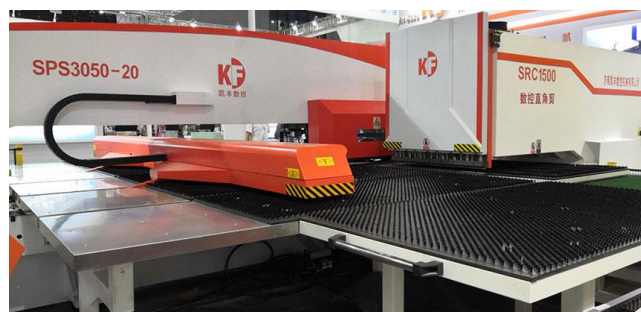
KAIFENG is a good sheet metal machines supplier, which produces CNC punching, bending and Sheet Metal Punching and Shearing Machine utilizing the most recent technologies to meet the most demanding market requirements for flexibility. KAIFENG is a proud that Sheet Metal Punching and Shearing Machines cover most of the European and American markets. KAIFENG looks forward to becoming your long-term partner in

China.

Product Description

China KAIFENG high quality Sheet Metal Punching and Shearing Machine is based on the servo-electric technology to achieve truly impressive performance values, flexible fabrication. All sheet metal components are produced to perform first punching and then shear the components loose in the same automatic process with an integrated right angle shear.

KAIFENG right angle shear is extremely fast in operation. Programmable blade height and automatic stroke depth adjustment optimize shearing. The core element of the Sheet Metal Punching and Shearing Machine is in its servo-electric technology, allowing sustainable manufacturing with reduced energy consumption, raw material savings and no oil waste.



Sheet Metal Punching and Shearing Machine Parameter

KAIFENG Punch Press Specification		
Specifications	SPS3050	Unit
Nominal Force	300	KN
Max. Punch Size	Φ88.9	mm
Transmission Type	Servo	

Frame Construction	O-frame	
Max. Sheet Size (One reposition)	1500×5000	mm
Max. Sheet Thickness	6	mm
Max. Sheet Weight	150	kg
Punching Accuracy	±0.1	mm
Ram Stroke	32	mm
X/Y Traverse Length	2500/1500	mm
Max. Punching Frequency	1500	min-1
Max. Positioning Speed	X=80 Y=64	m/min
Turret Rotation Speed	30	r/min
Number of Tool Stations	32	set
Number of Floating Clamps	3	set
CNC System	FANUC	
Number of Controlling Axis	5axis	
Monitor	10.4 Inches Color	
Machine Dimensions (Approx)	5500×5260×2250	mm
Machine Weight (Approx)	17	T

SRC1500 Right-angle Shearing Machine Specification			
No.	Item	Unit	Value
1	Max. one shear size(X×Y)	mm	1000×1000
2	Shearing thickness	mm	0.5~2.5
3	Style of adjust gap of blade		automatic
4	Shearing accuracy	mm	± 0.1
5	Shearing frequency (full shear/half shear)	Min-1	≥ 45/60
6	Shearing force		Servo motor + screw
7	Control axis		3 axes (main drive + blade clearance adjustment)
8	Machine size (include punch cell)	mm	5000×6500×2300
9	Machine power	KVA	30
10	Machine weight	T	24

Sheet Metal Punching and Shearing Machine Feature And Application

Less manual labour, lowest cost with integrated punching and shearing.

Highest output by servo motor system.

Ecological reduced energy consumption, raw material savings.

Programmable blade height and automatic stroke depth adjustment optimize shearing.

The blade speed is automatically selected.

Excellent performance of efficient combination of punching and shearing machine

Energy efficient electric servo punch

Punching and Shearing Combined Machines Details

- Electric servo drive



- High rigidity servo right-angle shears, but total edge shear



- Controlling System

KAIFENG Punching and Shearing Combined Machines adopt the world-famous FANUC control system and AC servo system.



- Integrated punching and shearing automatic programming