



Punching and Shearing Combined Machines

KAIFENG is a good supplier of machines for sheet metal working, such as CNC punching, bending and Punching and Shearing Combined Machines utilizing the most recent technologies and constantly refined by KAIFENG design engineers to meet the most demanding market requirements for flexibility. KAIFENG is a proud that KAIFENG Punching and Shearing Combined Machines cover most of the European and American markets.

KAIFENG is looking forward to building long-term business in China.

Product Description

China KAIFENG **Punching and Shearing Combined Machines** consist of a servo-electric turret punch press with integrated right angle shear, which take advantage of highest productivity and sustainable fabrication and save material, decrease necessary floor space and investment in separate machine tools, tooling and energy.

The core element of the machine is in its servo-electric technology, allowing sustainable manufacturing with reduced energy consumption, raw material savings and no oil waste. The KAIFENG right angle shear is extremely fast in operation.



Punching and Shearing Combined Machines 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			
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

Punching and Shearing Combined Machines Feature And Application

Lowest cost with integrated punching and shearing.

Highest output by servo motor system.

Ecological reduced energy consumption, raw material savings and no oil waste.

Programmable blade height and automatic stroke depth adjustment optimize shearing.

The blade speed is automatically selected.

Punching and Shearing Combined Machines Details

- Electric servo drive



- CNC Right-angle Shearing Machine:
 - C-type high rigid frame
 - Two slider block independent, automatic blade gap adjustment
 - Belt conveyor and work-piece sorting
 - Full shear and half shear function
 - Multi-blade, long service life

- The 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