



## Punching and Shearing Flexible Production Line



As a good Punching and Shearing Flexible Production Line supplier, Jinan Kaifeng CNC Machinery Co., Ltd. produces punching machine, press brake bending machine, panel bender, and CNC Punching and Shearing Integrated Machine. With good quality and reasonable price, KAI FENG has covered most of the European and American markets. KAI FENG looks forward to becoming

your long-term partner in China.

### Product Description

KAI FENG **Punching and Shearing Flexible Production Line** 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 in the same automatic process with an integrated right angle shear. Combining the forces of a 30-ton turret punch press with the flexibility of right-angle shear, KAI FENG **Punching and Shearing Flexible Production Line** is high-speed productivity.



### Punching and Shearing Flexible Production Line Parameter

KAI FENG 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

### Punching and Shearing Flexible Production Line 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.

### Punching and Shearing Flexible Production Line Details

●Electric servo drive



●Brush table automatically lifts to support material and provide scratch-free processing.



●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
- Fast and efficient production process time



- 32station (2 auto index) provides flexible production

