

CNC Straightening Machine



KEIYO BEND delivers advanced CNC straightening technology, designed for precision and efficiency.

We've re-engineered the conventional straightening machine—traditionally produced through separate processes—into a fully integrated system. This cutting-edge design features closed-loop control with an external encoder, ensuring highly precise NC feeding and improved operational precision.

Machine Features

- Capable of straightening materials ranging from $\phi 4$ to $\phi 8$.
- Selectable straightening methods: rotary or roller type.
- Fully closed-loop control with an external encoder.
- Numerical control of material length minimizes setup time.
- Standard alternating production for automated, unmanned operation through system integration.
- Operator-centric monitor screen displaying essential information, including production numbers, takt time, and work completion intervals, reflecting real-time feedback from the shop floor.



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Rotary • Twin Head • CNC Pipe Bender •
CNC Transfer Pipe Bender • CNC Wire Bender

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■ Straightening Machine Specifications

Item	Standard Specifications	
Control System	Programmable Controller	
Data Input System	Touch Panel	
Production Data	Customer Specific	
Alternating Production Function	Standard Equipment	
Drive System	AC Servo Motor	
NC Control Axis	2-axis (Max 4-axis)	
Cut	Cut Drive System	Shear Cutting
	Drive Source	AC Servo Motor
Feed System	Pinch Roller	
Feed	Speed	1000 mm/sec
	Machine Accuracy	±0.05mm
	Drive	AC Servo Motor
Straightening method (Selectable)	Roller	Rotary
Operating Air Pressure	0.4 MP	
Max. Power Supply Capacity	75 A	
Operating Height	1200 mm	
Machine Dimensions (WxDxH)	1000×2500×1630 mm	
Machine Weight	800 kgf	

■ Uncoiler Specifications

Item	Standard Specifications
Coil Weight	1 ton
Coil O.D.	800 mm
Drive Source	General-purpose Motor (with break)
Control System	Inverter Control

■ External Dimensions

