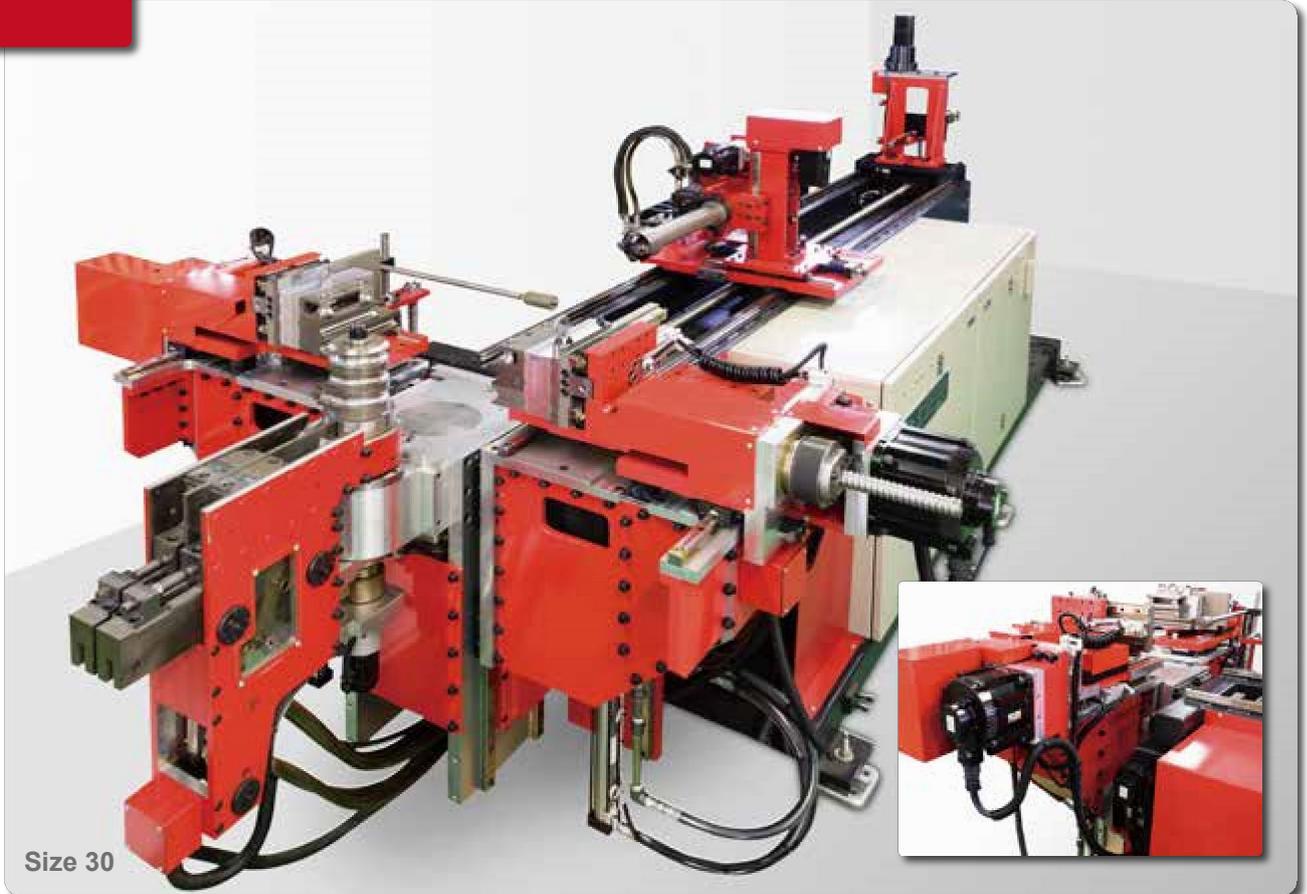


SBC
F series

SBC F Series



Size 30

Introducing the latest model of our flagship series!

The Fastest Left-Right Pipe Bender in Japan - Engineered for Speed and Precision!

The SBC F Series pipe benders utilize a rotary pull-bend system, combining the functionality of two single benders for both right-hand and left-hand bending operations.

It enables seamless bending of complex designs that were previously unachievable with a single machine due to interference during the bending process. By sequentially combining left and right bending methods and allowing the processed side to escape upward, **machine interference is eliminated**. Ideal for intricate bending applications such as **headrests and design furniture**, this bender is the **optimal solution for complex bending processes**.

Series Concepts

- Standard features include a 3-stack die, 7-axis numerical control (NC), and optimized specifications for enhanced performance.
- Robust power to meet the demands of today's high-tensile steel era.
- Keiyo Bend delivers the industry's fastest production speeds in bending, feeding, and rotating.
- The optional large radius bending function allows for more versatile and design-oriented processes!

 京葉バンド株式会社
KEIYO BEND CO., LTD.

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

<http://www.keiyo-bend.co.jp>

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SBC F Series

Standard Specifications

Item		Size 15	Size 30	Size 40	Size 50
Model		SBC-153F	SBC-303F	SBC-403F	SBC-503F
Control System		Programmable Controls			
Data Input System		Touch Panel			
Processing Data		20 Programs x 90 Files			
Drive System		AC Servo Motor / Hydraulic / Pneumatic			
NC Control Axis		7-Axis (with Mandrel Unit: 8-axis)	9-Axis (with Mandrel Unit: 10-axis)	9-Axis (with Mandrel Unit: 11-axis)	9-Axis (with Mandrel Unit: 11-axis)
Bend Direction (Standard)		Horizontal - Left/Right Rotation			
Max Bend OD (Pipe)		Φ 15×t1.6mm	Φ 31.8×t2.3mm	Φ 42.7×t3.5mm	Φ 50.8×t3.2mm
Max Bend Radius		R50mm	R100mm	R150mm	R200mm
Max Bend Radius Difference		50 mm	100 mm	150 mm	200 mm
Max Bend Angle		180°			
Max Rotation Angle		±360°			
Max Tube Length with Mandrel		1000 mm	2000 mm		
Bend	Speed	360°/sec	180°/sec	225°/sec	165°/sec
	Machine Accuracy	±0.05°			
	Drive Source	AC Servo Motor			
Feed	Speed	1500 mm/sec	1100 mm/sec	1200 mm/sec	900 mm/sec
	Machine Accuracy	±0.05mm			
	Drive Source	AC Servo Motor			
Rotation	Speed	360°/sec			
	Machine Accuracy	±0.05°			
	Drive Source	AC Servo Motor			
Operating Pressure		10 MPa			
Hydraulic Pump Motor		2.2 kw	5.5 kw	7.5 kw	
Oil Temperature Control Method (Standard)		Air-cooling			
Tank Capacity (ISO VG46)		20 L	60 L		
Power Supply Capacity		100A			
Operating Height		1000 mm		1200 mm	
Machine Dimensions (WxDxH)		1500×2670×1300 mm	2600×4500×1260 mm	2000×5425×1775 mm	2700×5525×2050 mm
Machine Weight		1000 kgf	1800 kgf	2500 kgf	4000 kgf

[Disclaimer] Specifications may change without notice due to continuous improvements in design and technology.

Standard Options

Item	Availability
Press-bending (large radius) function	<input type="radio"/>
Mandrel Unit	<input type="radio"/>

For more specifications and options please contact our sales representative.

External Dimensions

