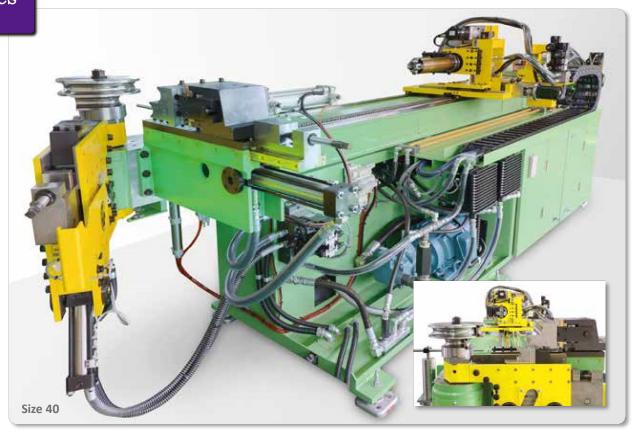
KBCKBCF SeriesFseriesKBCF Series



Keiyo Bend's Standard Series

Discover the power and precision of Keiyo Bend's Standard Series, your all-in-one solution for complex pipe bending. This unit effortlessly handles angled, elliptical, and irregular pipes, excelling in combined radius bending—both small and large — highlighting our company's expertise.

Our flagship KBC series has earned a reputation as a trusted favorite over the years. The F Series has evolved into a powerhouse, blending functionality and durability with the industry's fastest speeds, unmatched strength, and cutting-edge control technology—all perfected through continuous improvement.

Experience the next level of bending technology with Keiyo Bend. From profile bending to controlled bending, our machines are designed for precision, ease of use, and to meet the demands of small-lot, multi-variety production.

eries Icepts	Speed ⇒ Keiyo Bend delivers the industry's fastest production speeds in bending, feeding, and rotating.
	Strength Built to withstand the high-tensile demands of today's steel industry with exceptional durability.
	Precision → Featuring a synchronized servo series, our machines offer unparalleled precision in movement.



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

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

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KBC series

KBC F Series

Specifications

	Item	Size 15	Size 30	Size 40	Size 50		
Model		KBC-152F	KBC-302F	KBC-402F	KBC-502F		
Control Sy	rstem	Programmable Controls					
Data Input	t System	Touch Panel					
Production	n Data	20 Programs x 90 Files					
Drive Syst	em	AC Servo Motor / Hydraulic / Pneumatic					
NC Contro	l Axis	4-Axis (with Mandrel Unit: 5-axis)					
Bend Dire	ction (Standard)		Horizontal - Right Rotation				
Max Bend	OD (SPG Pipe)	φ15 × t 1.6mm	φ31.8 × t2.3 mm	φ 42.7 × t3.5 mm	φ 50.8 × t5.0 mm		
Max Bend	Radius	R50 mm	R100 mm	R150 mm	R200 mm		
Max Bend	Radius Difference	50 mm	100 mm	150 mm	200 mm		
Max Bend	Angle		200°		190°		
Max Rotat	5		±360°				
Max Tube	Length with Mandrel	1500 mm		2000 mm			
Bend	Speed	360°/sec	225°/sec 164°/s				
	Machine Accuracy	±0.05°					
	Drive Source	AC Servo Motor					
	Speed	1500 mm/sec 1270 mm/sec					
Feed	Machine Accuracy	±0.05 mm					
	Drive Source	AC Servo Motor					
	Speed		360°/				
Rotation	Machine Accuracy	±0.05°					
	Drive Source	AC Servo Motor					
Operating Pressure		10 MPa					
	Pump Motor	2.2 kw	3.7 kw	7.5	5 kw		
	rature Control		Air-coc	olina			
Method (S	,						
	city (ISO VG46)	20 L	90	L	120 L		
	Power Supply Capacity		100 A		125 A		
Operating	5	1080 mm	1200		1350 mm		
	imensions (WxDxH)	1200×2800×1300 mm		1100×3850×1550 mm	1500×4150×1680 mm		
Machine W	/eight	800 kgf	2000 kgf nange without notice due to	2700 kgf	3500 kgf		

[Disclaimer]	Specifications may	change without	notice due to	continuous i	mprovements i	n design and techno	ology.

Item	Availability	Item	Availability
Mandrel Unit	0	Pressure Boost AC Servo	0
Stay (Tension Bar)	0	AC Servo Clamp	0
Wiper Die Unit	0	AC Servo Chuck Die	0
Large Radius Bending Specification (Combined Bending)	O (not available for size 15)	Horizontal Rotation AC Servo	0
Back Boost Device	0	Vertical Rotation AC Servo	0
Pressure AC Servo	0	Pipe Support AC Servo	0

External Dimensions

