

BNC
F series

BNC F Series



Size 30

Introducing our new **Cost-Performance Series**:
thoroughly engineered with insights directly from the field!

We've significantly reduced costs by streamlining essential functions and redesigning every detail, including purchased parts, from scratch. Our machines come in four types (15 mm, 30 mm, 40 mm, and 50 mm), tailored to meet varying bending capacities, making it perfect for sites focused on **mass production** and **automation**.

For customers prioritizing environmental sustainability, we offer **energy-saving**, **hydraulic-free**, and other eco-friendly options!

**Series
Concepts**

- We've meticulously reduced costs by re-evaluating the design from scratch and focusing on essential functions
- Despite the low price, we maintain exceptional accuracy and uphold our commitment to the industry's top production speeds
- Environmentally conscious, our optional ALL-AC servo technology is available, and we proudly offer a product that is **MADE IN JAPAN**



京葉ベンド株式会社
KEIYO BEND CO., LTD.

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

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■ Standard Specifications

Item		Size 15	Size 30	Size 40	Size 50
Model		BNC-152F	BNC-302F	BNC-402F	BNC-502F
Control System		Programable Control			
Data Input System		Touch Panel			
Production Data		20 programs X 90 files			
Drive System		AC Servo Motor / Hydraulic / Pneumatic			
NC Control Axis		3-axis			
Bend Direction		Horizontal – right rotation			
Max Bend OD (SPG Pipe)		ø15.8 x t2.3 mm	ø31.8 x t2.3 mm	ø42.7 x t3.5 mm	ø50.8 x t5.0 mm
Max Bend Radius		R50 mm	R100 mm	R150 mm	R200 mm
Max Radius Difference		25 mm	50mm	75 mm	100 mm
Max Bend Angle		190°			
Max Rotation Angle		±360°			
Tube Length with Mandrel		1000 mm	2000 mm		
Bend	Speed	360°/sec	180°/sec		164°/sec
	Repeatability/Accuracy	±0.05			
	Drive Source	AC Servo Motor			
Feed	Speed	1500 mm/sec	1250 mm/sec		1000 mm/sec
	Repeatability/Accuracy	±0.05			
	Drive Source	AC Servo Motor			
Rotation	Speed	360°/sec			
	Repeatability/Accuracy	±0.05			
	Drive Source	AC Servo Motor			
Average Pressure Use		10MPa			
Hydraulic Pump Capacity		2.2 kw	3.7 kw		5.5 kw
Oil Temperature Control Method		Air-cooling			Water-cooling
Tank Capacity (ISO VG46)		20 L	30 L		100 L
Max. Power Supply Capacity		75 A	100 A		120 A
Operating Height		1080 mm	1200 mm		1250 mm
Machine Dimensions (WxDxH)		1000x2050x1350 mm	1100×3150×1350 mm	1370×3300×1375 mm	1580×3800×1250 mm
Machine Weight		800 kgf	1500 kgf	2000 kgf	3500 kgf

■ Standard Options

Item	Available	Item	Available
Mandrel Unit	×	Left/Right Rotating AC Servo	○
Wiper Die Unit	△	Clamp AC Servo	○
Pressure AC Servo	○	Chuck AC Servo	○
Pressure Booster AC Servo	○	Pipe Support AC Servo	○

[Disclaimer] Specifications may change without notice due to the continuous advancement of technology.

* For more specifications and options please contact our sales representative.

■ External Dimensions

Size 30

