MAC **MAC-302F**



3D CNC Twin Head Bender – Size 30 Introducing the latest model of Japan's exclusive 3D Twin Head pipe bender

KEIYOa long-standing MAC series has undergone a significant model upgrade. The new design features dual independent press-bending units, enabling precise left and right bending of pipes over 3 meters without swing. Ideal for hydraulic piping, steel furniture, and long pipe products, this space-saving machine delivers high-speed, efficient performance.

Concepts

series

- AC servo motor now drives the bending process for enhanced performance!
- Utilizes two independently moving bending units for versatile operation.
- Delivers up to twice the processing speed.
- The 3D Twin Head Bender supports a minimum distance of 200 mm between the centerline of 2 main bending heads.
- AC servo series with synchronous control optimizes machine performance and enhances takt time.
- Features an interactive data input system for improved operator usability.

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MAC MAC-F

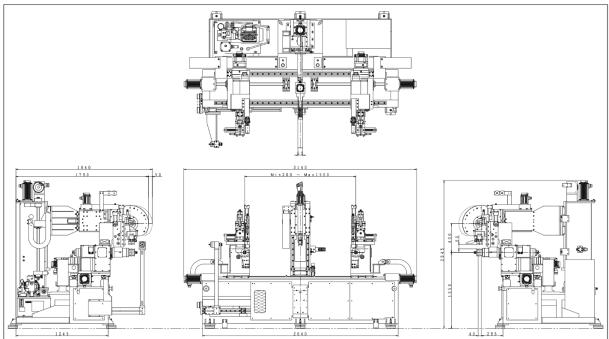
Standard Specifications

Items		Specification	
Model		MAC-302F	
Control System		Programmable Control	
Data Input		Touch Panel	
Production Data		20ch∑90Files	
Drive System		AC Servo Motor / Hydraulic / Pneumatic	
NC Axis		6-Axis	
Max Bend OD		φ31.8 Σt2.3 mm	
Max Bend Radius		R150 mm	
Max Radius Difference		30 mm	
Max Bend Angle		120ê	
Max Rotation Angle		185ê	
Distance between Bending Units		200 - 1500 mm	
Bend	Speed	180ê/sec	
	Machine Accuracy	ë0.1ê	
	Drive Source	AC Servo Motor	
Feed	Speed	1250 mm/sec	
	Machine Accuracy	ë0.1 mm	
	Drive Source	AC Servo Motor	
Rotation	Speed	500ê/sec	
	Machine Accuracy	ë0.1ê	
	Drive Source	AC Servo Motor	
Lifter	Speed	1600 mm/sec	
	Machine Accuracy	ë0.1ê	
	Drive Source	AC Servo Motor	
Operating Pressure		10 MPa	
Hydraulic Pump Capacity		3.7 kw	
Hydraulic Temperature Control		Air-cooling	
Tank Capacity		46-40 L	
Power Supply Capacity		100 A	
Production Height		1100 mm	
Machine Dimensions (WxDxH)		1900 ∑ 3150 ∑ 1750 mm	
Machine Weight		2000 kgf	
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Standard Options Item

NC Butt Unit

External Dimensions



Availability

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