

CNC BENDING MACHINE

SB-75×5B

SB-89×5B



SB-75 x 5B-2S

SPECIFICATION

Model		SB-75 x 5B-1S (1 stack of tooling) SB-75 x 5B-2S (2 stack of tooling)	SB-89 x 5B-1S (1 stack of tooling) SB-89 x 5B-2S (2 stack of tooling)
Max. Carbon Steel Tube, CLR=1.5D		Ø76.2 x 2.5t	Ø88.9 x 2.1t
		Ø63.5 x 4.2t	Ø76.2 x 3.5t
Max. Stainless Steel Tube, CLR=1.5D		Ø63.5 x 3.0t	Ø76.2 x 2.4t
Max. Radius Difference between Bending Dies (mm)		80	
Max. Feeding Length (*Note) (mm)		2850	
Feeding Method		1. Multiple-stroke feeding 2. Positive gripping feeding	
Max. Bending Angle (°)		190	
Max. Bending Radius (CLR) (*Note)		250	
Max. Number of Bends per Tube (*Note)		12 bends	
Max. Memory Capacity of Bending Data Sets (*Note)		400 sets (no limit for IPC model)	
Max. Work Speed	Tube Bending (°/sec)	30	25
	Plane Turning (°/sec)	160	
	Tube Feeding (mm/sec)	800	
Precision	Tube Bending (°)	±0.1	
	Plane Turning (°)	±0.1	
	Tube Feeding (mm)	±0.1	
Coordinate System for Bending Data Entry		(X, Y, Z) Orthogonal coordinate (Y, B, C) Straight length, turning angle and bending angle	
Driving Power	Tube Bending (kw)	hydraulic proportional servo control	
	Plane Turning (kw)	0.5 (servo motor)	1.0 (servo motor)
	Tube Feeding (kw)	3.5 (servo motor)	
	Tube Transverse Moving (kw)	carriage: 1 (servo motor) mandrel sear: 0.5 (servo motor)	
Motor for Hydraulic System (hp)		30	
Machine Weight (kg)		7250/7600	7300/7650
Machine Dimension (L x W x H) (cm)		495 x 185 x 155	

*Note: can be modified as customer's requirement.