

CNC BENDING MACHINE

SB-10/15/25/40/50



SB-25x3A-2S

Specification

Model		SB-10X3A-1S SB-10X3A-2S	SB-15X3A-1S SB-15X3A-2S	SB-25X3A-1S SB-25X3A-2S	SB-40X3A-1S SB-40X3A-2S	SB-50X3A-1S SB-50X3A-2S
Max. Carbon Steel Tube, CLR=1.5D		Ø10.0 x 1.2t	Ø16.0 x 1.0t	Ø25.4 x 1.0t Ø19.05 x 2.0t	Ø38.1 x 1.7t Ø31.75 x 2.6t	Ø50.8 x 2.0t Ø44.45 x 2.7t
Max. Stainless Steel Tube, CLR=1.5D		Ø10.0 x 0.9t	Ø12.7 x 1.5t	Ø19.05 x 2.0t	Ø31.75 x 1.8t	Ø44.45 x 2.0t
Max. Radius Difference between Bending Dies (mm)		25	30	50	60	75
Max. Mandrel Length (*Note) (mm)		1500	2000	2400	3500	3500
Max. Feeding Length (*Note) (mm)		1000	1500	1800	2600	2600
Feeding Method		1. Multiple-stroke feeding 2. Positive gripping feeding				
Max. Bending Radius (*Note) (mm)		60	60	100	200	200
Max. Bending Angle (°)		190				
Max. Number of Bends per Tube (*Note)		12 bends				
Max. Memory Capacity of Bending Data Sets		400 sets (no limit for IPC model)				
Max. Work Speed	Tube Bending (°/sec)	300	300	200	150	150
	Plane Turning (°/sec)	325	325	300	300	300
	Tube Feeding (mm/sec)	1200	1000	1000	980	980
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				
Servo Motor Power	Tube Bending (kw)	1.0	1.5	3.5	11	15
	Plane Turning (kw)	0.2	0.3	0.3	0.5	0.5
	Tube Feeding (kw)	1.5	2.0	1.0	1.0	1.0
Motor for Hydraulic System (hp)		1	3	5	7.5	7.5
Machine Weight (kg)		1000	1500	1600	2700	2850
Machine Dimension (L x W x H) (cm)		220 x 90 x 130	265 x 90 x 132	335 x 95 x 142	480 x 130 x 160	480 x 130 x 160

*Note: can be modified as customers special requirement.