



Model Selection Chart

CW: Clockwise CCW: Counter Clockwise

		Specifications		
Capacity	BM38 1.5" x .095	BM45 1.75" x .118	BM65 2.5" x .083	BM90 3.5" x .157
CW and/or CCW Bending	Right Left Independent	Yes	Yes	CW
Maximum CLR CW	6"	6"	9.8"	15.7"
Maximum CLR CW-CCW	NA	6"	9.4"	NA
Minimum Inside Radius with Standard Spindle	1.2"	1.57"	1.87"	1.77"
Variable Radius Bending	Yes	Yes	Yes	Yes
Maximum Bend Angle	180°	190°/182°	187°/183°	190°
Min. Distance Between Bends	0.5 x Diameter	1.5-2 x Diameter	1.5-2 x Diameter	1.5-2 x Diameter
Max. Distance Between Bends	204"	NA	NA	NA
Max. Stroke Clamp Die	3.15"	4.35"	8"	6"
Max. Stroke Mandrel	Machine without Mandrel	6"	6"	29"

Specifications	BM38	BM45	BM65	BM90
Section Modulus cm ³	2.33	3.9	6.6	22.25
Horizontal Head Travel	19.6"	14.2"	20"	16.1"
Vertical Head Travel	NA	11.4"	11.8"	11.8"
Number of Bend Heads	2	1	1	1
Punching	Available	Available	Available	Not Available
Electrically Controlled Axes	8	10 + 1 optional	10 + 1 optional	6
Drive Controllers	FANUC	FANUC	FANUC	FANUC
Precision of Electric Axis	+ or - .1 mm	+ or - .05 mm	+ or - .05 mm	+ or - .1 mm
Carriage Speed	32.8" / min	36" / sec	28" / sec	28" / sec
Bend Arm Speed	160° / sec	200° / sec	99° / sec	64° / sec
Tube Rotation Speed	NA	600° / sec	600° / sec	287° / sec
Central Clamp Rotation	250° / sec	NA	NA	NA
Maximum Tool Stacks	2-3	3+	3+	3+
Software	IMS	IMS	IMS	IMS
Webcam	Yes	Yes	Yes	Yes
Max. Tube Length on Front Stop	204"	118"	159"	157"
Max. Tube Length on Rear Stop	NA	181"	224"	212"
Machine Dimensions	257" x 78" x 57"	244" x 55" x 66"	298" x 67" x 75"	314" x 92" x 77"
Height of Work Plane	47"	43"	48"	52"
Weight	8,400 lbs	6,840 lbs	10,360 lbs	16,314 lbs
Power	480V 53kw	480V 22kw	480V 50kw	480V 50kw
Hydraulic Reservoir	39 gallons	NA	NA	79 gallons