

## MANUAL BENDER MACHINE CAPACITIES & SPECIFICATIONS

Features		NC Machine Model						
Max. Capacity & Specs	Units of Measure	No. .75	No. 1	No. 1.25	No. 2	No. 4	No. 6	No. 8
Round Tubing Non Ferrous Y.P. to 25,000 psi OD X Wall	Inches	1.5 x .065	1.5 x .188	3 x .065	3 x .188	6 x .250	8 x .375	10 x .375
Round Tubing Ferrous Y.P. to 40,000 psi OD X Wall	Inches	1.375 x .065	1.5 x .109	2.5 x .065	3 x .109	6 x .165	8 x .250	10 x .250
Round Tubing Stainless Y.P. to 60,000 psi OD X Wall	Inches	1.125 x .065	1.375 x .065	1.75 x .065	3 x .065	4.5 x .250	8 x .172	10 x .165
Steel Pipe Schedule 80	Inches	1.050 x .154	1.315 x .179	1.660 x .191	2.375 x .218	4.50 x .337	6.625 x .432	8.625 x .500
Square Tubing Mild Steel	Inches	1 x .065	1.125 x .120	1.75 x .065	2.5 x .083	4 x .250	6 x .250	8 x .250
Rectangular Steel Tubing E-Plane	Inches	1 x 1.25 x .065	1x 1.5 x .120	1.5 x 2.5 x .065	1.5 x 3 x .148	3 x 6 x .250	4 x 8 x .380	6 x 10 x .38
Rectangular Steel Tubing H-Plane	Inches	1 x 1.25 x .049	1 x 1.5 x .083	1.25 x 2 x .083	1.5 x 2.5 x .12	3 x 5 x .250	4 x 8 x .250	6 x 10 x .25
Round Bar Mild Steel	Inches	1	1.125	1.375	1.875	3.5	4 7/8	6.25
Square Bar Mild Steel	Inches	0.675	0.75	1.125	1.6875	3.125	4.125	5.25
Section Modulus (z) Max. Mild Steel	Inches	0.087	0.157	0.288	0.716	4.266	12.2	24.88
Max. Horizontal & Vertical Dimensions	Inches	1.625	1.625	3.25	3.25	6	9	10

## MANUAL BENDER MACHINE CAPACITIES & SPECIFICATIONS

Features		NC Machine Model Metric						
Max. Capacity & Specs	Units of Measure	No. .75	No. 1	No. 1.25	No. 2	No. 4	No. 6	No. 8
Round Tubing Non Ferrous Y.P. to 25,000 psi OD X Wall	mm	38 x 1.65	38 x 4.75	76 x 1.65	76 x 4.75	150 x 7	200 x 10	250 x 10
Round Tubing Ferrous Y.P. to 40,000 psi OD X Wall	mm	35 x 1.6	38 x 2.8	63.5 x 1.6	76 x 2.8	150 x 5	200 x 7	250 x 7
Round Tubing Stainless Y.P. to 60,000 psi OD X Wall	mm	28.6 x 1.6	35 x 1.6	44.4 x 1.6	76 x 1.6	115 x 7	200 x 5	250 x 5
Steel Pipe Schedule 80	mm	26.6 x 30.9	33.3 x 4.5	42.1 x 4.8	60.3 x 5.5	115 x 8	170 x 10	220 x 12.5
Square Tubing Mild Steel	mm	25.4 x 1.6	28.6 x 3	44.4 x 1.6	63.5 x 2.1	130 x 7	150 x 7	200 x 7
Rectangular Steel Tubing E-Plane	mm	25.4 x 31.7 x 1.6	25.4 x 38 x 3	38 x 63.5 x 1.6	38 x 76 x 3.7	75 x 150 x 7	100 x 200 x 10	150 x 250 x 10
Rectangular Steel Tubing H-Plane	mm	25.4 x 31.7 x 1.2	25.4 x 38 x 2.1	31.7 x 50.8 x 2.1	38 x 63.5 x 3	75 x 125 x 7	100 x 200 x 7	150 x 250 x 7
Round Bar Mild Steel	mm	22.2	28.6	34.9	47.6	89	124	160
Square Bar Mild Steel	mm	17.4	19	28.6	42.8	80	105	130
Section Modulus (z) Max. Mild Steel	mm					27.52	78.7	160.5
Max. Horizontal & Vertical Dimensions	mm	41.3	41.3	82.5	82.5	152	228	254