



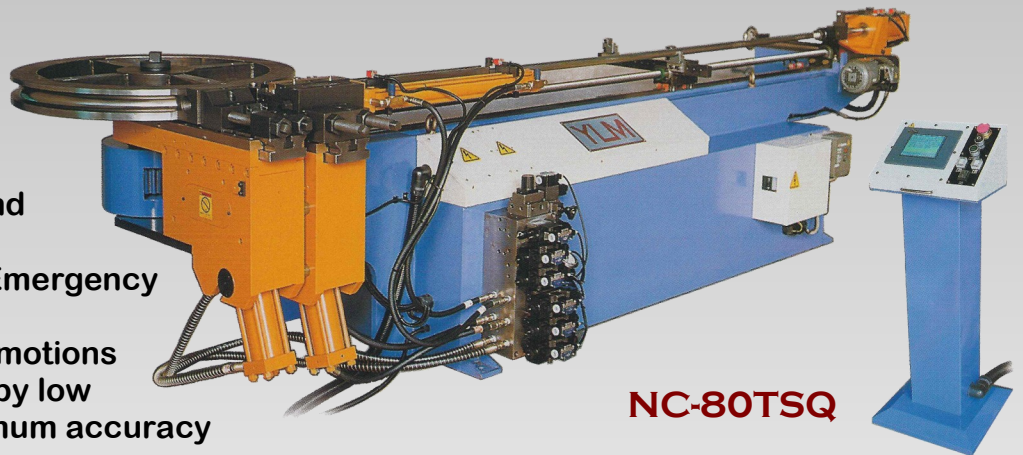
NC TUBE BENDERS



NC-38TSQ

- Hydraulic rotation of a single fixed radius bend die
- Hydraulic clamping of tube between bend die and clamp block
- Hydraulic actuation of pressure die
- Programming of the degree of bend and bending sequence is done on a 6" touch screen
- Software and control of machine functions done by PLC
- Store and recall bending angle and sequence data
- One step or two step bending operation
- Right or left hand bending available

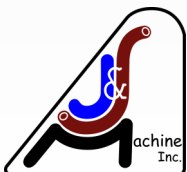
- Pressure die boost system available as option
- Two step mandrel retraction with automatic mandrel lubrication
- Hydraulic filter detection and warning system
- Easily accessible multiple Emergency Stops
- Adjustable timing between motions
- Bending motion controlled by low speed positioning for maximum accuracy



NC-80TSQ



NC-100TSQ



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Machine Specifications

Model	NC-38TSQ	NC-50TSQ	NC-80TSQ	NC-100TSQ	NC-130TSQ
Max. Tube O.D.	1.5"	2 3/8"	3"	4"	5"
Max. Tube Wall Thickness	0.098"	0.157"	0.197"	0.236"	0.276"
Range of Bending Radius	∅3/8" - 13 3/4"	∅3/4" - 11 3/4"	∅1 1/4" - 17 3/4"	∅1 1/2" - 17 3/4"	∅2 1/8" - 19 5/8"
Max. Bending Angle	0° - 210°	0° - 190°	0° - 190°	0° - 190°	0° - 190°
Bending Speed	90°/ 3-4 sec.	90°/ 5-6 sec.	90°/ 7-8 sec.	90°/ 10-12 sec.	90°/ 12-14 sec.
Program Memory	200	200	200	200	200
Bends per Program	20	20	20	20	20
Max. Tube Length	68 7/8"	98 3/8"	122"	137 3/4"	177"
Motor (HP)	5	10	15	25	35
Length	94 1/2"	136 1/4"	169 3/8"	189"	236 1/4"
Width	27 1/2"	48"	47 1/4"	63"	82 3/4"
Height	39 3/8"	51 3/8"	53 1/8"	54 3/8"	55 1/8"
Operating Height	37 7/8"	44"	43 3/8"	45 3/4"	47 1/4"
Overall Weight (lbs.)	1,985	4,410	6,175	11,020	19,840

Note: Technical data and machine design subject to change without notice.



Touch-screen Control Panel



NC-50TSQ

