




### New NC Tube Benders To Suit the Competitive Market

Controlled through pines Dial-a-bend SC. A PLC, touch screen control and possesses manual, semi-automatic and full-automatic functions

Multiple bend angles can be selected.

Includes automatic error detection and limit protecting functions.



Includes PDA

Rexroth Hydraulic Valves

Tooling

Pines Tool Mount

Capability

Functional For Job shop environment

Value

Economical for Competitive Environment

Options

Dial-a-Bend SE control

Automatic mandrel lubricator available.

Slow mandrel extraction option.

Slow bend arm speed option.

Dual Palm remote

Air oil cooler

Manual tube feeding and rotating device

Work piece counter.

**Electric "C" Axis**



### Characteristics of i-Line NC Tube bender:

Specification	i-Line No. 1	i-Line No. 2	i-Line No. 3	i-Line No. 4	i-Line No. 6
Max. Round Pipe (mm)	38.1x2.0	88.9x4.0	127x6.0	152.4x8.0	219x15.0
Max. Stainless Steel Pipe (mm)	38.1x1.8	88.9x2.0	127x3.0	152.4x4.0	219x6.0
Max. Square Pipe (mm)	30x2.0	70x3.0	90x5.0	100x6.0	150x12.0
Max. Round Bar (mm)	20	55	60	70	100
Bending Radius (mm)	30-170	50 - 350	80-500	90-600	120-800
Bending Angle (Degrees)	0-190	0-190	0-190	0-190	0-190
Mandrel Working Distance (mm)	2300	3300	4800	6000	7800
Max. Bending (Deg/Sec)	50	20	15	6	2.5
Bending Accuracy (mm)	±0.15	±0.15	±0.15	±0.15	±0.15
Hydraulic Motor (kw)	5.5	11	15	22	45
Max. Working Pressure (mpa)	14	17.5	17.5	17.5	17.5
Hydraulic Tank Capacity (ltrs)	120	210	440	450	1500
Total Width (mm)	750	1200	1800	2200	3000
Total Height (mm)	1260	1300	1550	1750	2500
Total Length (mm)	3000	4800	6700	8100	11300
Total Weight (KG)	950	3000	7500	13500	36000
Pines Tool Mount	No. 1	No. 2	No. 4	No. 6	No. 8

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