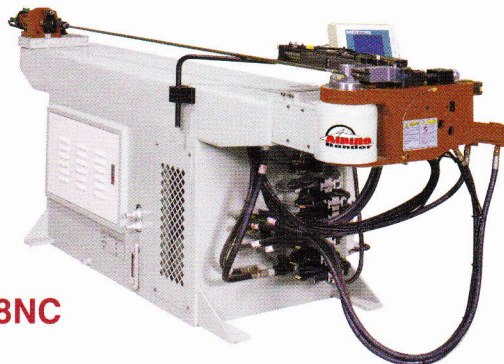


# NC

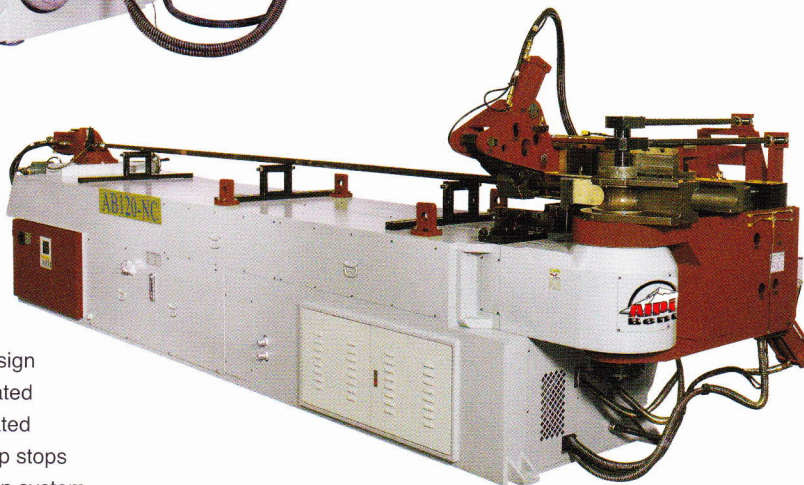
## Single-Axis Hydraulic Bender NC Series-Single Stack



>> **AB - 38NC**



>> **AB - 89NC**



>> **AB - 120NC**

- 1) NC Series is touch screen PLC control and single stack tooling design  
B (rotation) axis is manually operated  
Y (feeding) axis is manually operated with option of 4 position DBB flip stops  
C (bending) axis is hydraulic driven system
- 2) Hydraulic Pressure Die Assist (PDA) with flow control and air cooling system are standard
- 3) Multi-bend data storage memory facilitates easy operation
- 4) Economic and affordable with great accuracy. NC series is suitable for simple bending production run or prototype

### ■ NC: SINGLE AXIS WITH PLC CONTROL

SPECIFICATION	UNIT	AB38NC	AB50NC	AB75NC	AB89NC	AB100NC
MAX. TUBE O.D.	mm	38.1 X 3.0	50.8 X 3.0	76.2 X 3.0	88.9 X 4.0	101.6 X 5.5
	inch	1.5 X .118	2.0 X .118	3.0 X .118	3.5 X .157	4.0 X .217
MAX. BENDING RADIUS	mm	25 - 170	30 - 300	40 - 300	40 - 350	60 - 400
	inch	0.98 - 6.6	1.18 - 11.81	1.57 - 11.81	1.57 - 13.77	2.3 - 15.7
MAX. LENGTH OVER MANDREL	mm	1900	2200	2600	2600	3600
	inch	74.8	86.6	102.4	102.4	141.7
OVERALL L X W X H	mm	2600 X 900 X 110	3000 X 900 X 1200	3600 X 1200 X 1200	3700 X 1200 X 1200	4800 X 1500 X 1400
	inch	102.4 X 35.4 X 43.3	118.1 X 35.4 X 47.2	141.7 X 47.2 X 47.2	145.7 X 47.2 X 47.2	188.9 X 59.1 X 55.1
TOTAL WEIGHT	kg	850	950	1900	2200	4500
	lbs	1870	2090	4180	4840	9900

12340 East End Ave, Chino, Ca 91710  
Tel: (909)902-5400, Fax: (909)902-5410

Alpine Bender Machinery

Machine reference  
[www.AlpineBender.com](http://www.AlpineBender.com)



>> **AB ■ 180NC**



>> **AB ■ 75NC-CBF**



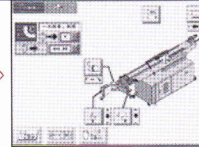
**Standard feature:**

Hydraulic Bend >  
Head



< PLC  
Master I controller

Black & White >  
Touch Screen

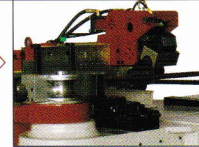


**Options:**



< Tube Drop away  
Clamp & Overhead  
Tie Bar(s)

**CBF**  
Pressure die >  
Clamping Booster



■ **NC: SINGLE AXIS WITH PLC CONTROL**

SPECIFICATION	UNIT	AB120NC	AB150NC	AB180NC	AB220NC
MAX. TUBE O.D.	mm	127 X 5.5	152.4 X 7.0	180 X 7.0	220 X 7.0
	inch	5.0 X .217	6.0 X .275	7.0 X .275	8.6 X .275
MAX. BENDING RADIUS	mm	80 - 500	90 - 550	100 - 600	120 - 880
	inch	3.15 - 19.68	3.5 - 21.6	3.93 - 23.6	4.72 - 34.6
MAX. LENGTH OVER MANDREL	mm	5200	6000	6000	6000
	inch	204.7	236.2	236.2	236.2
OVERALL L X W X H	mm	7000 X 1700 X 1600	8100 X 2100 X 1700	8100 X 2300 X 1700	10000 X 2300 X 1900
	inch	275.5 X 66.9 X 63.0	318.8 X 82.6 X 66.9	318.8 X 90.6 X 66.9	393.7 X 90.6 X 74.8
TOTAL WEIGHT	kgs	7200	9000	9800	16500
	lbs	15840	19800	21560	36300

