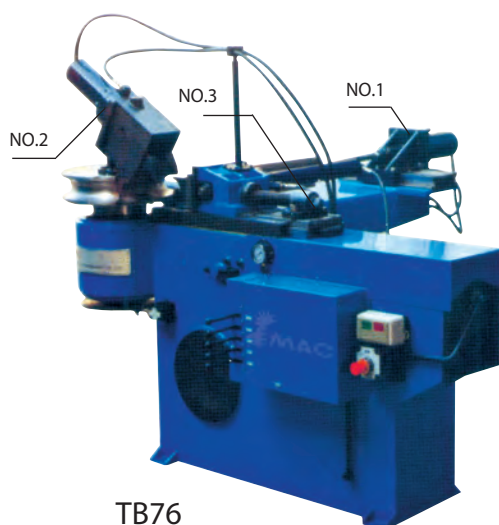
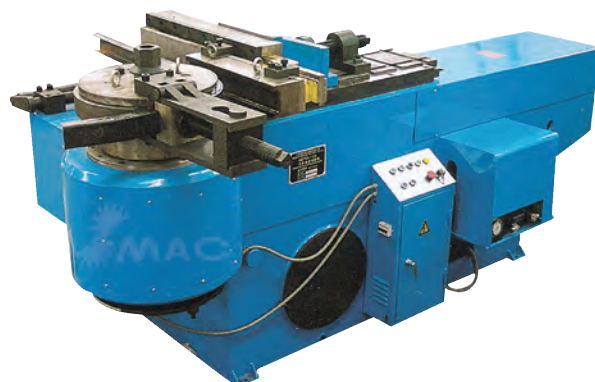


Tube Bender



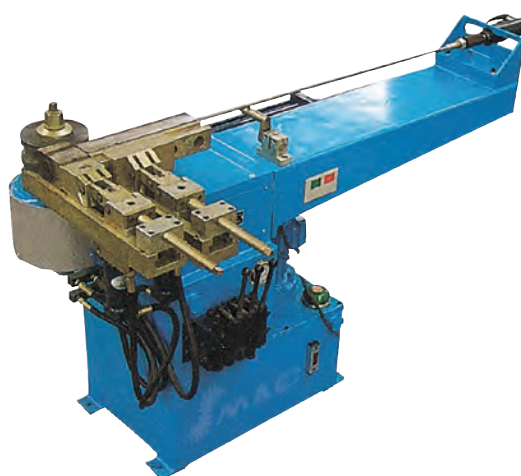
TB76



TB114



TB25



TB42

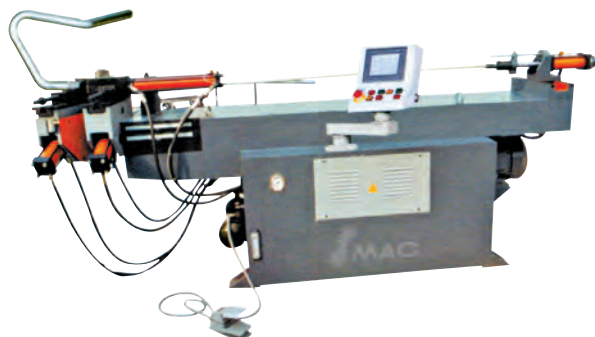
Universal type:

W27YS Pipe Bending Machine is simple and practical machine which can bend pipe in relatively large radius. The machine is operated manual mode. One angle can be preset or use degree scale to set the angle. The basic model 25 and 42 in this series have mandrel extractor. Basic model 176 and 114 are with out mandrel extractor, which can be used for bending pipes without mandrels, but the machine frame and mandrel extractor can be built if they are required.



Model	Unit	12105	12106	12107	12108	12100
Specification		TB-25	TB-42	TB-76	TB-114	TB-34
Max.Bending size	mm	25 x 2	42 x 2	76 x 2	114 x 10	34 x 5
Max.Bending radius	mm	120	150	450	450	120
Bending angle	°	185	185	185	185	210
Height of bending center	mm	950	1000	1050	1100	990
Mandrel bar length	mm	1000	1400	optional	optional	-
Bending speed	r/min	0-4	0-3.5	0-2	0-2	1
Motor power	kw	0.75	3	5.5	11	1.1
Over size	m	1.4 x 0.7 x 1.1	1.9 x 0.8 x 1.1	1.9 x 1.1 x 1.2	2.5 x 1 x 1.5	0.85 x 0.57 x 1
Weight of machine	kg	200	450	2500	3500	500
Old model		W27YS-25	W27YS-42	W27YS-76	W27YS-114	W27S-34

Hydraulic Tube Bender



76B



76NC



76CNC



Conventional machine:

It adopts imported special control system. The action of the machines is steady. It has functions of hand-operated, inching, auto, setting, changing-program, showing and others. It is suitable for high speed batch production.

Single-layer Die CNC Machine:

- (1) It has Y (sending material), B (rotating pipe), C (bending pipe) three-axle electric servodriving.
- (2) C-Axle (bending pipe) servodriving concealed type and straight driving design.
- (3) Speed is fast and correct. It is suitable for producing small tube elements, such as parts of automobile or air conditioners.



Multiple-layer Die CNC Machine:

- (1) CNC Series are economic type contact control multiple-layer die machine, the three-axle Y (sending material), B (rotating pipe), C (bending pipe) all adopt electric servodriving motor driving. It adopts auto changing-die bearing of the V-axle head.
- (2) Its processing is fast and its procession is high. It is suitable for producing large batches of products, such as furniture, sport instrument, kits of automobile or aircrafts.

Model		12121	12123	12124	12125	12126	12127	12128	12129	12130	12131	12132	12133	12134	12135
		28B	38B	42B	50B	60B	63B	76B	89B	100B	114B	120B	129B	159B	168B
NC type		28NC	38NC	42NC	50NC	60NC	63NC	76NC	89NC	100NC	114NC	120NC	129NC		
CNC type		28CNC	38CNC	42CNC	50CNC	60CNC	63CNC	76CNC	89CNC	100CNC	114CNC	120CNC	129CNC		
Max. Bending Pipe Capacity	mm	Φ28 x 2	Φ38 x 2	Φ42 x 2	Φ50 x 2	Φ60 x 2	Φ63 x 5	Φ76 x 5	Φ89 x 5	Φ100x5	Φ114x5	Φ120x5	Φ129x5	Φ159x8	Φ168x8
Bending Radius Region	mm	28-180	30-200	30-250	35-250	35-300	40-300	60-350	60-400	60-450	80-500	80-500	80-550	100-600	100-650
Bending Angle Region	°	0-190°	0-190°	0-190°	0-190°	0-190°	0-190°	0-190°	0-190°	0-190°	0-190°	0-190°	0-190°	0-190°	0-190°
Through Effective Distance (mm)	normal	1800	2500	2800	2800	2800	3000	3500	4000	4000	4200	4200	4500	7000	7500
	NC/CNC	1600	2000	2000	2000	2000	2000	2800	2800	2800	2800	2800	2800		
Oil Pressure System Motor	Kw	3.2	4	4	5.5	5.5	7.5	7.5	11	11	15	15	15	22	22
Max. Pressure	kg/cm	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Length	Normal	350	350	450	450	500	550	550	600	600	650	650	700	1000	1000
	NC/CNC	320	420	450	450	450	500	550	650	650	700	700	800		
Width	cm	65	80	80	80	80	80	110	110	110	110	110	110	140	140
Height	cm	130	130	130	130	130	130	135	135	135	135	135	135	180	180
Weight (kgs)	Normal	1200	1500	1800	1800	2500	3000	3500	4500	5000	5500	5800	6800	10000	1200
	NC/CNC	1800	2000	2200	2500	2800	3500	4000	5000	5500	5800	6000	7200		