

# WONSTEN

SOLUTION FOR MULTI BENDING TUBE FABRICATIONS

## PROVIDE THE MOST FLEXIBLE CHOICE IN PIPE AND TUBE BENDING

Wonsten is the world leader in pipe and tube manipulation with ce certification, we are Chinese pipe bending machine factory, fully automatic cnc tube bender manufacturer and induction heating pipe bending machine supplier.

We continue to supply pipe bending machines, including the innovative cnc tube bender machines to hundreds of industries. Various of different metal pipe processing machines such as tube end forming, tube bending and tube cutting.

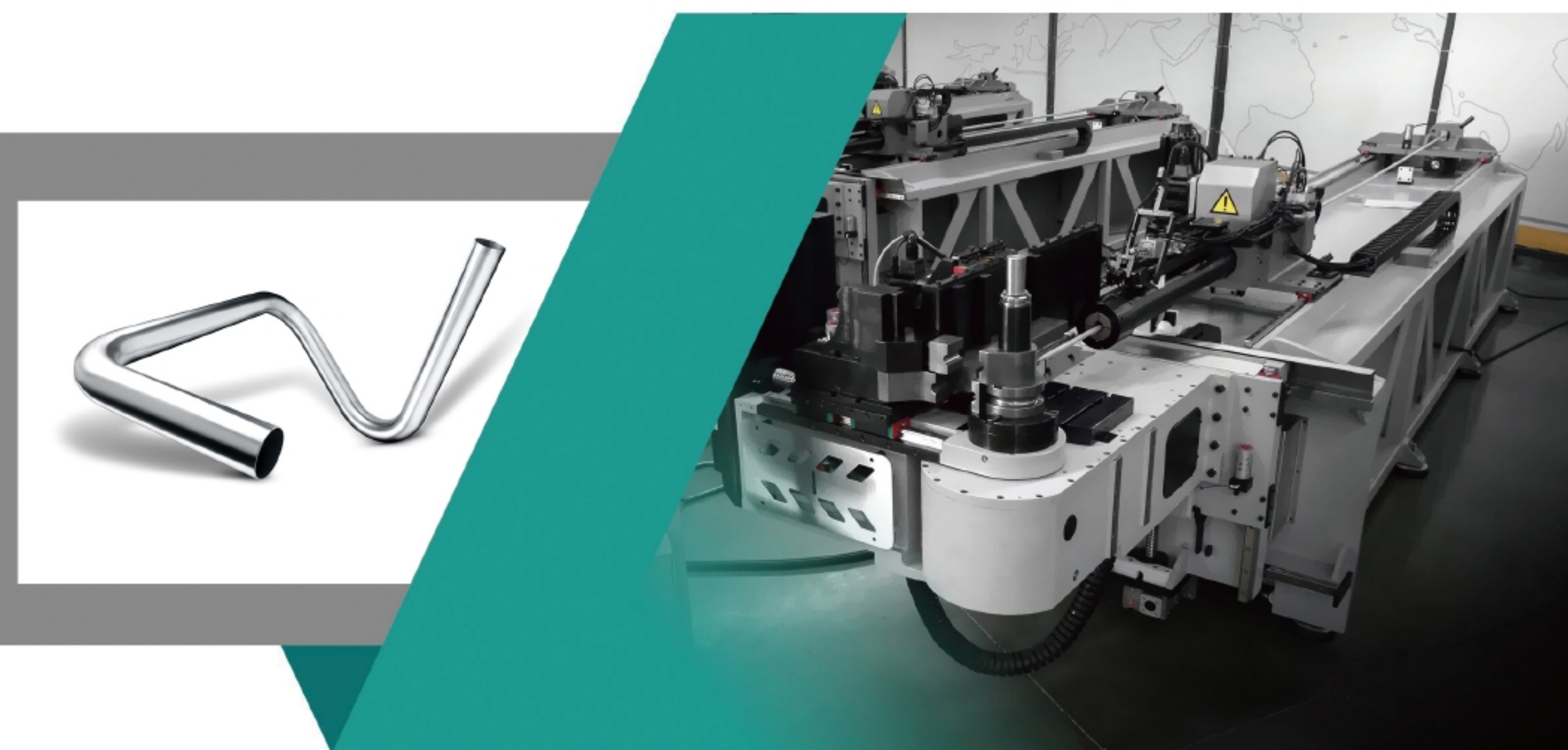
Dedicated to providing customers with the most credible and reliable industrial equipment, the company has been making relentless efforts on superior technology and engineering to enhance the performance of the pipe bending machine in different application.

Wonsten is a known brand in manufacturing cnc tube bending machines and induction heating pipe bending machines. All pipe and tube bending machines are conducted the strictest quality inspection before delivery.

Metal tube pipe bending solution: provide draw bending, push bending, swing bending and press bending to be executed and realized by wonsten cnc and nc tube bending machine. Our 3d bender simulation is friendly & easy operation to save and prevent the tube and pipe cost and wastage during the trial.

If you are interested in any of our products or would like to discuss a customized order, please feel free to contact us for more information.

We are looking forward to forming successful business relationships with new clients around the world in the near future.



### CONTACT US

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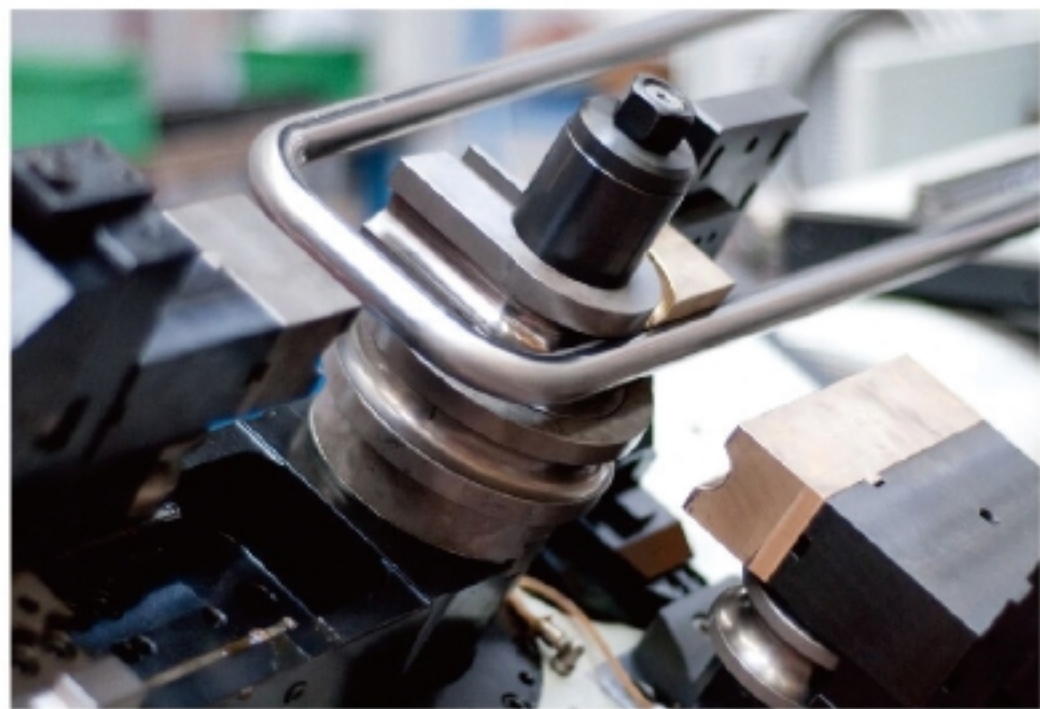


Official Site

WORLD LEADING PIPE AND TUBE  
MANIPULATION WITH **CE CERTIFICATION**



# CNC Fully Automatic Tube Bender



# CNC Fully Automatic Tube Bender

Wonsten brand CNC tube and pipe bending machines are designed to provide you maximum productivity in your business with its powerful structure and intelligent CNC pipe and tube bending machine interface. With the CNC tube and pipe bending simulation function of the 1Cik operator interface program, which was developed by the Wonsten machine, you can see and design your tube and pipe bends before you start the operation on our CNC tube and pipe bending machine. You can transfer your 3D Cad drawings to the CNC tube and pipe bending machine in a very short time with a single keystroke on CNC tube and pipe bending machine. Our CNC pipe and tube bender will help you to have more professional bends and more flexibility.

Model	Unit	DW38CNC	DW50CNC	DW75CNC	DW89CNC	DW114CNC
Maxi. Diameter×thickness	mm	Φ 38×2	Φ50×2	Φ75×4	Φ89×5	Φ114×15
Maxi. Bending radius	mm	R180	R330	R400	R400	R650
Mini. Bending radius	mm	R15	R20	R30	R40	R90
Maxi. Bending angle		190°	190°	190°	190°	190°
Maxi. Length of feeding	mm	2000	2000	2800	3000	4500
Feeding way		Servo Motor Directly				
Working speed	Bending speed	90°/s	80°/s	40°/s	40°/s	30°/s
	Rotating speed	200°/s	180°/s	160°/s	160°/s	120°/s
	Feeding speed	1000mm/s	800mm/s	800mm/s	600mm/s	400mm/s
Working precision	Bending precision	±0.3	±0.3	±0.3	±0.3	±0.3
	Rotating precision	±0.1	±0.1	±0.1	±0.1	±0.1
	Feeding precision	±0.1	±0.1	±0.1	±0.1	±0.1
Data input mode		Y.B.C	Y.B.C	Y.B.C	Y.B.C	Y.B.C
Rotate servo motor	kw	0.45	0.45	1	1	2
Feeding servo motor	kw	1	1	2	2	4
Maxi. Pipe bender number	pcs	32	32	32	32	32
Parts in store	pcs	2000	2000	2000	2000	2000
Hydraulic motor power	kw	5.5	7.5	11	11	22
Maxi. System pressure	mpa	12	12	12	14	14
Size	mm	3900×840×1300	4000×900×1300	4900×1350×1230	5200×1350×1230	8000×1700×1500
Weight	kg	2200	2500	3800	4200	9000



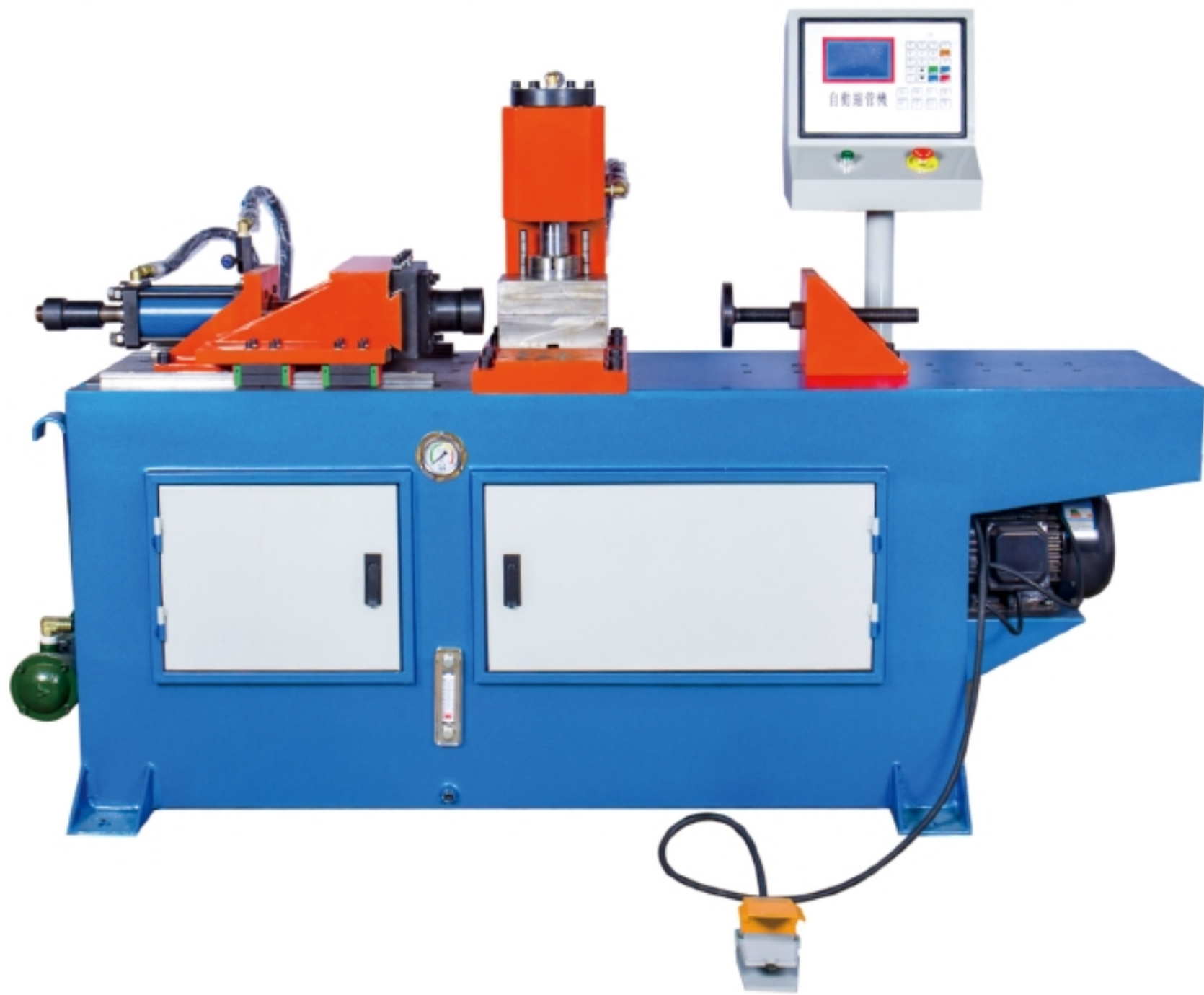
# Semi-automatic Tube Bending Machine



Semi-automatic pipe and tube bending machines are our models which will help you to reach your target with the most economical way on pipe and tube bending works. Flexible pipe and tube bending production range and wide pipe and tube bending products will be pretty easy with the help of pipe and tube bending machine control, touch screen pipe and tube bending machine control panel, pipe and tube bending program memory, pipe and tube bending angle entry and automatic or manual pipe and tube bending machine working options. You will have low using cost and long using life with our NC pipe and tube bending machines.

Model	Unit	DW38NCB	DW50NCB	DW75NCB	DW89NCB	DW114NCB
Maxi. Diameter ×thickness	mm	Φ38×2	Φ50×3	Φ75×4	Φ89×5	Φ114×15
Maxi. Bending radius	mm	R260	R330	R400	R510	R650
Mini. Bending radius	mm	R15	R20	R30	R40	R90
Maxi. Bending angle		190°	190°	190°	190°	190°
Standard mandrel length	mm	1600	2200	2800	3800	5500
Control system	Microcomputer					
Maxi. Bender numbers	pcs	16	16	16	16	16
Parts in store	pcs	16×16	16×16	16×16	16×16	16×16
Hydraulic motor power	kw	4	5.5	7.5	11	18.5
Maxi. System pressure	mpa	12	12	14	14	14
Hydraulic system control	Solenoid valve					
Contain capacity	L	110	150	240	320	420
Size	mm	2600 × 600 × 1200	3000 × 700 × 1300	3650 × 1000 × 1400	440 × 1150 × 1400	7500 × 1300 × 1450
Weight	kg	750	1220	3500	4500	6500

# Tube End Forming Machine



Pipe and tube end forming machines which are suitable for customer needs are designed according to our customer’ s pipe and tube end forming works with new technology. Our pipe and tube end forming machines are produced with different pipe and tube end forming station quantities according to pipe and tube end forming works of our customers. We have good steel design quality material on our pipe and tube end forming molds. If you want to do pipe and tube end forming works such as reducing or increasing the pipe and tube ends or giving different shapes the pipe and tube ends or different pipe and tube end forming works please contact us. You will have an economical and good solution with our pipe and tube end forming machines on your pipe and tube end forming works. Please contact us for more information.

Type	SG-40	SG-60	SG-80	SG-100
Max tube(mm)	Φ40*2.0	Φ60*2.0	Φ80*3.0	Φ100*3.5
Max processing length(mm)	110	130	150	180
Oil pressure(Mpa)	14	14	14	14
Working speed	100mm in3-4/s	100mm in3-4/s	100mm in3-4/s	100mm in3-4/s
Size(cm)	180*45*120	200*50*130	290*70*140	300*75*150
Weight(kg)	600	950	1600	1800
Remark	1.The max processing length can according to customers requirement.			



# Induction Heating Pipe Bending Machine



Most flexible induction pipe bending machines on the market. Most economic to run with patented technology. Simple to operate with PLC operation. Quickest tool set-up and cycle time. The most affordable induction forming solution when compared to other machines. The entire range of pipes can be induction bent from 3" (76mm) cast pipes up to 84" (2,000mm). The standard radii range is 3d to 10d however the machine is capable of bending up to 300 meter /1000ft radii using specialist tooling.

Typical applications include line pipe bending, road gantries and signs, bridge tube bending, mining and quarry pipes, petrochemical piping. Materials bent include Carbon Steel pipe, Stainless Steel and its alloys, forged and spun cast pipe, clad pipe.

Serial size	Maximum power	Maximum Pipe Size and thickness	Maximum thickness in smaller pipe	Pipe Range
IF 6	100kw	6" x 20mm	25mm	2 - 6"
IF10	160kw	10" x 30mm	30mm	2 - 10"
IF16	300Kw	16"x 35mm	50mm	2 - 16"
IF20	400kw	20" x 40mm	50mm	6 - 24"
IF24	500kw	24" x 40mm	60mm	8 - 24"
IF30	600kw	30" x 40mm	60mm	10 - 30"
IF36	800kw	36" x 50mm	80mm	12 - 36"
IF42	1000kw	42" x 50mm	100mm	16 - 42"
IF48	1200kw	48" x 50mm	100mm	20 - 48"

# Pipe and Tube Cutting Machine



Imported hydraulic system, cutting powerful and the saw blade durable.

Linear Guide Raids with lube and vertical slide-way cutting make the cutting steady and accurate. Separated control of cutting and clamping, special-designed clamping method make the clamping deformation very little, especially suitable for thin pipes and stainless-steel pipes. Robust design ensures low vibration, automatic pipe cutting machine can work for long-time and with low noise. Automatic water-cooling system makes the cutting surface smooth and of little flash and strain, also makes the saw blade long-time use. Easy to operate. Extremely powerful functions make it ideal for small lot flexible cutting requirements. Touch sensing screen. Numerically controlled, provides high cutting accuracy.

Machine model	MC-275 Series		MC-315 Series	
Cutting Angle	90 degree	45 degree	90 degree	45 degree
Hollow pipe	80	60	100	80
Hollow square steel	60×60	45×45	90×90	80×80
Hollow rectangular pipe	60×80	45×60	80×90	80×80
Solid rectangular steel	60×60	45×45	90×90	80×80
Solid shafting	38	25	55	45
Solid square steel	38	25	50	40



Main specification		MC425CNC	MC45CNC
Sawing Range	Round pipe	Φ120 mm	Φ150 mm
	Square pipe	100×100mm	120×120mm
	Solid round pipe	35mm	50mm
	Solid square pipe	30x30mm	50x50mm
Hydraulic pump motor		3.6KW	4.0KW
Oil pressure(hydraulic)		4MPa	4MPa
Feeding servo motor power		1.0kw	1.0kw
Feeding length		0-1000mm (Can be customized)	0-1000mm (Can be customized)
Machine weight		1600KG	2000KG
Size		2200×1400×2200mm	2400×1500×2200mm