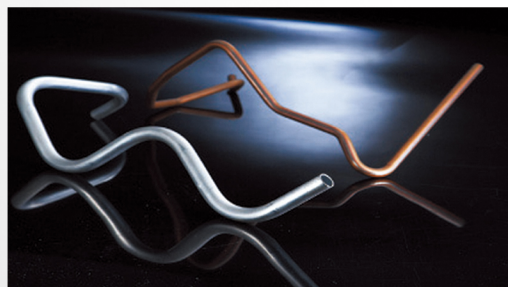


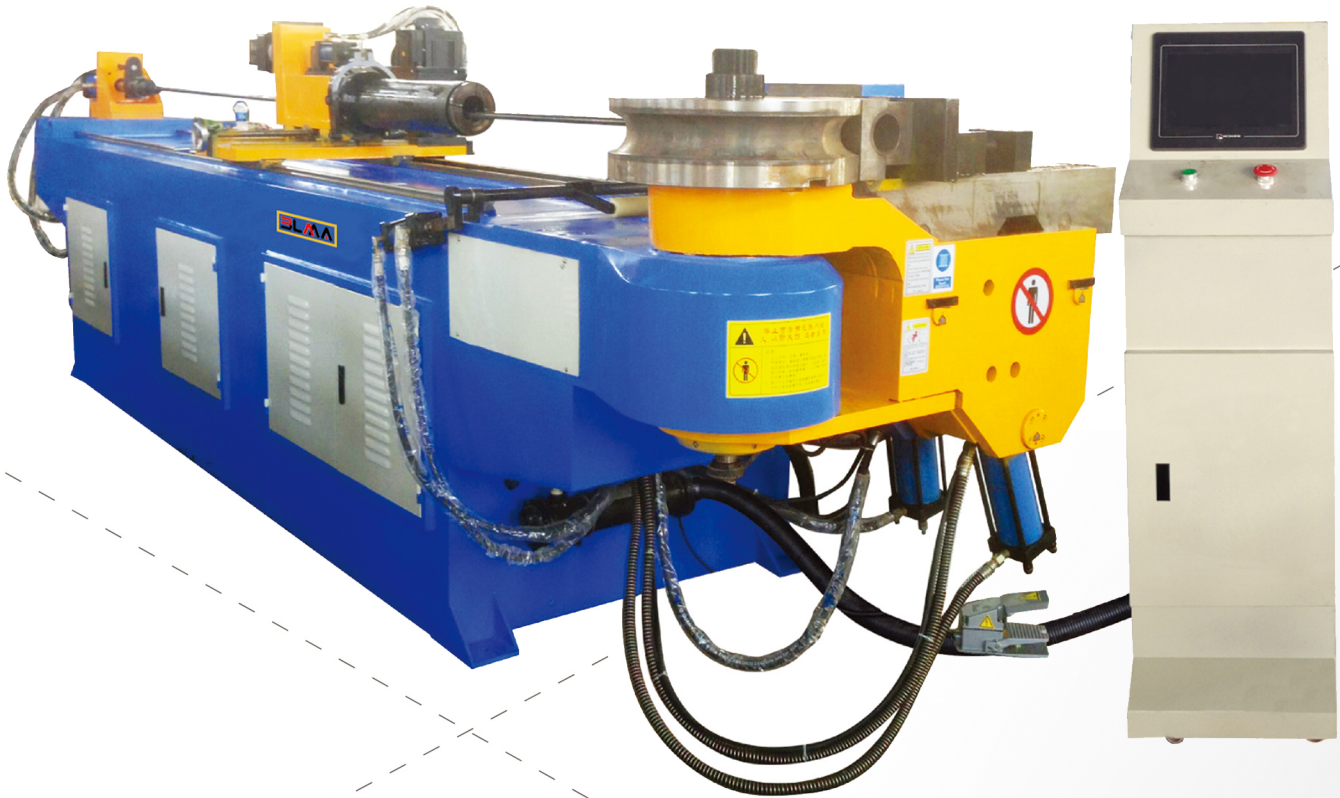


**Nanjing BLMA Machinery Co.,Ltd**





# Automatic pipe bending machine



## Main feature

- Fully automatic and CNC pipe bending machine;
- Equipped with servo motor programmable axis, 2 axis(standard) 3axis-6axis is optional;
- Feeding: servomotor drive; Rotation: servo motor drive;
- Bending: hydraulic is standard, servo bending is optional;
- Imported hydraulic system and PLC unit or IPC (optional);
- Automatic lubrication system for moving areas;
- Self-diagnostic system, detecting the error immediately;
- Multiple groups pipe-bending information storage;
- Electric cabinet cooling fan and the hydraulic cooling system ensure the equipment long-time work stably under the high temperature;
- Touch screen and human/machine interface control provide user friendly operations.



## Main technical data

Main specification	DW18CNC-3A-1S	DW25CNC-2A-1S DW25CNC-3A-1S	DW38CNC-2A-1S DW38CNC-3A-1S	DW50CNC-2A-1S DW50CNC-3A-1S	DW63CNC-2A-1S DW63CNC-3A-1S	DW75CNC-2A-1S DW75CNC-3A-1S	
Max bending capacity	Φ18mm X 1.6mm	Φ25mm X 1.6mm	Φ38mm X 2mm	Φ50mm X 3mm	Φ63mm X 4mm	Φ75mm X 5mm	
Max bending radius (1)	R80mm	R120mm	R180mm	R250mm	R300mm	R320mm	
Min bending radius	According pipe diameter						
Max bending degree	0-190°						
Max feeding length (2)	1500mm	2000mm	2200mm	2600mm	2900mm	2900mm	
Feeding method							
Working speed	Bending speed	Max 200°/s	Max 200°/s	Max 150°/s	Max 85°/s	Max 85°/s	Max 40°/s
	Rotary speed	Max 200°/s	Max 200°/s	Max 200°/s	Max 200°/s	Max 200°/s	Max 160°/s
	Feeding speed	Max 1000mm/s	Max 1000mm/s	Max 1000mm/s	Max 1000mm/s	Max 1000mm/s	Max 800mm/s
Accuracy	Bending accuracy	0.1°	0.1°	0.1°	0.1°	0.1°	0.1°
	Rotary accuracy	0.1°	0.1°	0.1°	0.1°	0.1°	0.1°
	Feeding accuracy	0.1mm	0.1mm	0.1mm	0.1mm	0.1mm	0.1mm
Information inputting method	Working value (Y,B,C)						
Bending method	Hydraulic/Servo						
Hydraulic motor power	3.0kw	3.0kw	4.0kw	5.5kw	7.5kw	11kw	
Bending servo motor power(3 axis)	1.0kw	2.0kw	4.0kw	5.5kw	7.5kw	7.5kw	
Rotary servo motor power	400w	400w	750w	750w	750w	1.0kw	
Feeding servo motor power	750w	750w	1kw	1.5kw	1.5kw	2.0kw	
Max storage unit (3)	1000groups						
Max oil pressure	10 Mpa	12 Mpa	12 Mpa	12 Mpa	12 Mpa	12 Mpa	
Machine weight	800kg	1000kg	1500kg	2500kg	3000kg	4500kg	
Machine size	2760x690x1000mm	3000x700x1100mm	3860x720x1230mm	4900x1080x1280mm	5000x1110x1300mm	5200x1150x1360mm	
Note:(1)(2) (3)Extendable							

Main specification	DW89CNC-2A-1S DW89CNC-3A-1S	DW100CNC-2A-1S DW100CNC-3A-1S	DW115CNC-2A-1S	DW130CNC-2A-1S	DW168CNC-2A-1S	DW219CNC-2A-1S	
Max bending capacity	Φ89mm X 8mm	Φ100mm X 8mm	Φ115mmX10mm	Φ130mmX10mm	Φ168mmX14mm	Φ168mmX14mm	
Max bending radius (1)	R360mm	R400mm	R460mm	R550mm	R600mm	R600mm	
Min bending radius	Direct deeding/clamping feeding						
Max bending degree	0-190°						
Max feeding length (2)	3100mm	3200mm	3600mm	3600mm	4000mm	4200mm	
Feeding method	Direct deeding/clamping feeding						
Working speed	Bending speed	Max 30°/s	Max 30°/s	Max 30°/s	Max 25°/s	Max 20°/s	Max 20°/s
	Rotary speed	Max 160°/s	Max 160°/s	Max 160°/s	Max 160°/s	Max 160°/s	Max 160°/s
	Feeding speed	Max 800mm/s	Max 800mm/s	Max 800mm/s	Max 800mm/s	Max 600mm/s	Max 600mm/s
Accuracy	Bending accuracy	0.1°	0.1°	0.1°	0.1°	0.1°	0.1°
	Rotary accuracy	0.1°	0.1°	0.1°	0.1°	0.1°	0.1°
	Feeding accuracy	0.1mm	0.1mm	0.1mm	0.1mm	0.1mm	0.1mm
Information inputting method	Working value (Y,B,C)						
Bending method	Hydraulic/Servo						
Hydraulic motor power	11kw	15kw	22kw	22kw	22kw	22kw	
Bending servo motor power(3 axis)	15kw	17kw	/	/	/	/	
Rotary servo motor power	1.5kw	1.5kw	2.0kw	2.0kw	3.0kw	3.0kw	
Feeding servo motor power	2.0kw	3.0kw	3.0kw	3.0kw	5.0kw	5.0kw	
Max storage unit (3)	1000groups						
Max oil pressure	14 Mpa	14 Mpa	14 Mpa	14 Mpa	16 Mpa	16 Mpa	
Machine weight	5500kg	6000kg	10000kg	12000kg	16000kg	22000kg	
Machine size	5650x1350x1450mm	5700x1380x1500mm	6400x1450x1580mm	6630x1460x1600mm	7200x1560x1890mm	7500x1860x1760mm	
Note:(1)(2) (3)Extendable							