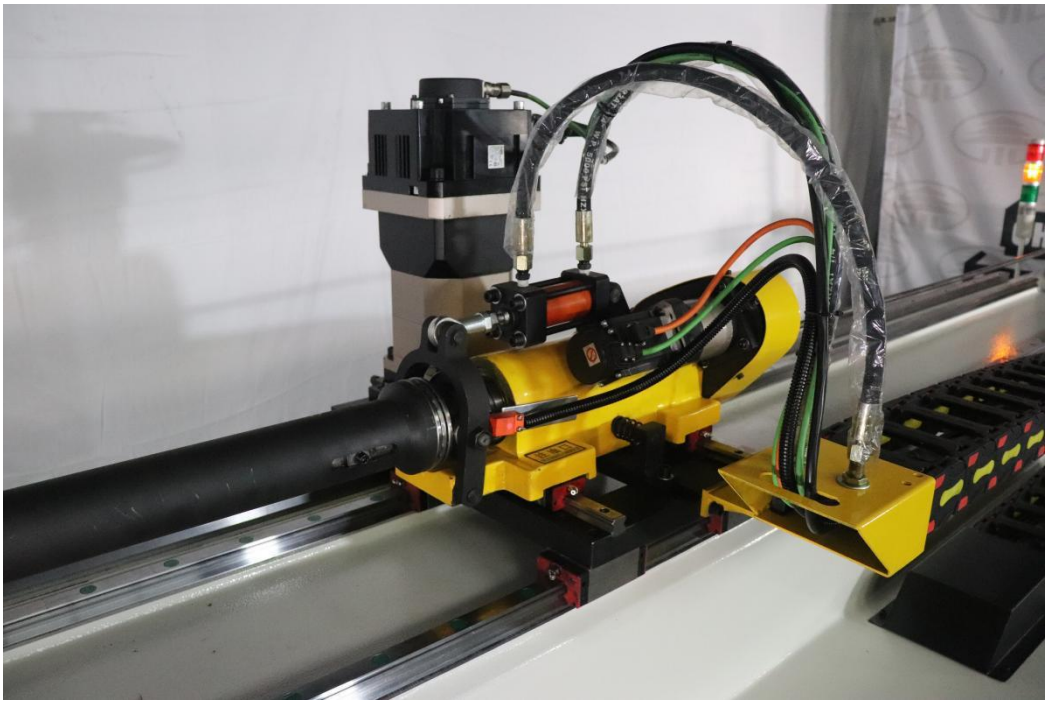
XS-38CNC-4A-2S Automatic pipe bending machine with push bending







Important parts of the machine:

Sensors and I/O monitoring for each movement in place

Bending pipe servo motor, corner servo motor, feeding servo motor, left and right mold moving servo motor

Feeding trolley, trolley floating structure, clamping barrel

Linear guide, feeding rack

Core pulling cylinder, mandrel rod, mandrel

Upper and lower mold changing bases, mold changing cylinders

Bending arm clamp structure, guide mold

Oil circuit block, hydraulic station, solenoid valve,

Towing system

Air-cooled

tank

Control cabinet

Transformer, servo drive, PLC

Advantages of the machine:

On the basis of time control, each action is controlled by a sensor, which is more accurate, stable, safe, and not easy to make mistakes due to mechanical jams. In addition, there is alarm feedback, and abnormalities can be responded to in the first time to help personnel troubleshoot faults.

The solenoid valve is installed separately, closer to the action cylinder, can supply oil and pressure at the first time, and the action is stable and coordinated

The upper and lower two layers of clamping molds, the upper layer has top screws for fine adjustment

The barrel of the feeding trolley clamps the floating structure to prevent the feeding servo motor from alarming. When the material is clamped, the tail end will produce shaking force. If the floating structure is not used, it will generate vibration and cause the accurate feeding servo motor to induce an alarm.

Parameter:

Max. CapacityCarbon steel pipe（1.5D）		mm	Φ38*2.0
The largest applicable stainless steel pipe（2.0D）		mm	Φ32*1.5
Push bending diameter		mm	Pipe diameter 10~15 double
Maximum core length		㎜	2600
Maximum feeding stroke		㎜	2600
Maximum bending radius		㎜	260
Maximum bending Angle			185°
Bending arm push bending angle		mm	0~60°
Each pipe can set the number of elbows			16
Working speed	bend		40°/S
	Corner		180°/S
	Feeding		900 ㎜/S
Accuracy	bend		±0.1°
	Corner		±0.1°
	Feeding		±0.1 ㎜

power	Elbow Servo Motor	KW	3.0
	Corner servo motor	KW	0.4
	Feeding servo motor	KW	2.0
	Left and right mold servo	KW	0.75
Oil pump motor		KW	4.0
Machine weight			
dimension			

Note: touch screen

Machine configuration:：

Bending, feeding, left and right mold change, corner servo motor	Mitsubishi Japan
Servo motor PLC, driver	Mitsubishi Japan
touch screen	WEINVIEW, Taiwan
Switching power supply	MEAN WELL
Electrical components	Schneider
The electromagnetic valve	YUKEN
Induction switch	CHINT

Linear Guides	
Servo motor reducer	
hydrocylinder	Precision homemade

After-sales service:

1.Warranty period: We guarantee machine quality for one year, during this year, if spare parts of the machine were damaged, we can send the component to the customer by DHL, TNT freely.

2.Our factory can send our engineer to the customer's factory install, commission and training freely. The customer provide the double trip tickets, food and accommodation for our engineer. The customer also can send the engineer to our factory to learn the operation and maintains freely.

3.Our factory provide the service for the customer forever, if the customer need operation help, can contact us by Skype,Whatsapp,WeChat, Email and Telephone at any time, we provide 24 hours on-line service.

Zhangjiagang Shigan import and export trade Co., Ltd.

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