



## 7 Axis Hardware 3D Wire Bending Machine Head Rotates For Fitness Products

### Our Product Introduction

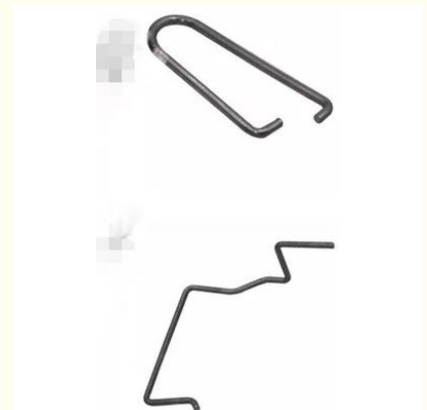
#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Jin Hongxiang
- Certification: CE
- Model Number: JX3D2-8
- Minimum Order Quantity: 1 set
- Price: consult
- Packaging Details: Export wooden case
- Delivery Time: 5-10 days or negotiation
- Payment Terms: L/C, T/T
- Supply Ability: 20 Set/Sets per Month



#### Product Specification

- Product Name: 3D Wire Bending Machine
- Machine Type: 3D
- Control System: PLC+servo
- Applicable Industries: Hardware,wire Processing
- Warranty Of Core Components: 1 Year
- Wire Size:  $\phi 2-8\text{mm}$
- No. Of Axis: 7 Axis
- Highlight: 3D Wire Bending Machine
- Automation: Automatic
- Port: Shenzhen
- Input Voltage: 380V50Hz
- Highlight: **Hardware 3D Wire Bending Machine,  
7 Axis 3D Wire Bending Machine**



## Product Description

### 3D Wire bending machine ( head rotates ) for Fitness products

This 3D molding machine is for iron wire with a diameter of 2-8mm

The biggest feature of this machine is that head rotates and the iron wire is fixed

#### Performance characteristics

1. The computer starts and shuts down quickly, and the operation is simple and convenient. The computer interface can change the program while adjusting speed while producing.
2. High brand high-speed motor and reducer are used in configuration, and the production speed is more than 25% higher than that of similar products in domestic peers.
3. The production can realize that the angle does not change at the slowest angle, and the production stability is better.
4. The wire feeding and rotating arm are separated and matched. When turning the head, the wire does not rotate, and the product forming of small outer diameter arc and multi circle can be realized.
5. The production can realize that the angle does not change at the slowest angle, and the production stability is better.

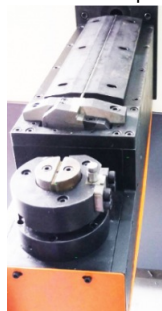
#### Technical Parameters

Model	JX3D-6	JX3D-8	JX3D-10
No. of axis	380V,7 axis	380V,7 axis	380V,7 axis
Machining wire diameter(MM)	Hard material Φ2.0 Φ4.0	Hard material Φ3.0 Φ6.0	Hard material Φ3.0 Φ8.0
	Soft material Φ2.0 Φ6.0	Soft material Φ3.0 Φ8.0	Soft material Φ3.0 Φ10.0
Number of wire feeding wheels	3 groups	3 groups	3 groups
Spool servo motor (KW)	2	2.7	4.5
Head shaft servo motor (KW)	2	2.7	4.5
Cutter shaft servo motor(KW)	1	1	2
Lifting shaft servo motor (KW)	1	1	2
Angle axis servo motor (KW)	1	1	1
Machine size (MM)	3800X1860X1660	3800X1860X1660	3800X1860X1660

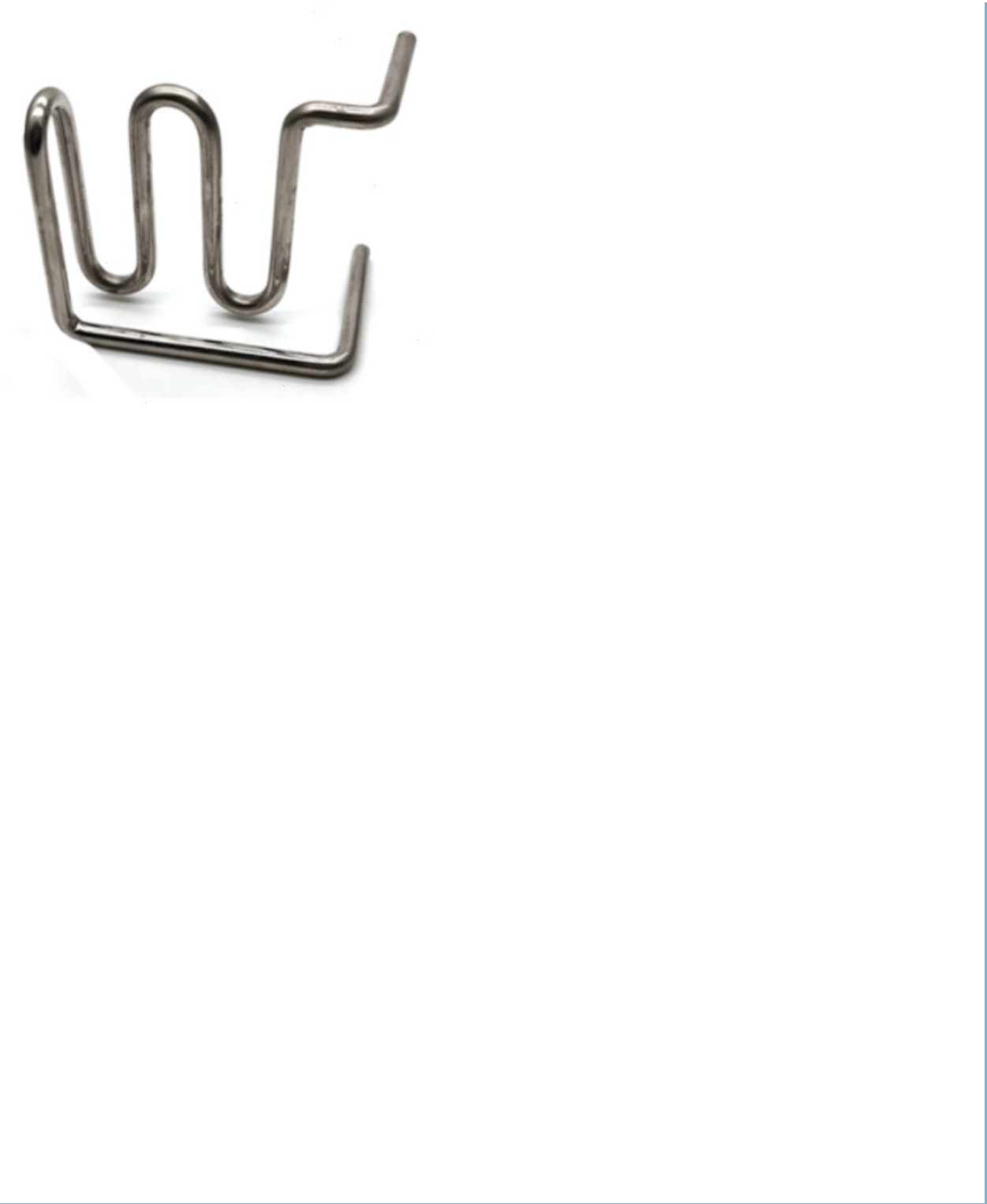
1. Computer control,
  - A. adopt speed closed-loop control; The maximum pulse frequency can reach 2MHz.
  - B system design integrated motherboard and IO board integrated design, simple wiring and simple installation.
  - C system is equipped with windows interface development. The operation interface is simple and fashionable. Like the operation mode of ordinary computers, the mouse and keyboard are used together to replace the traditional key operation, so as to reduce the risk of key aging and failure.
  - D. the speed can be modified at any time in the production process, which is easy to operate.
  - E simple and repeated programming action and probe make its production more accurate and stable, and the controller adopts high-speed probe
  - F-needle monitoring can respond immediately after 1US the probe is encountered, which can ensure the consistency of each product.



Bearings and guide rails are imported high-quality brands, with special treatment of gear high-frequency grinding. The mechanical operation of the whole machine is durable and wear-resistant



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