



2D WIRE BENDING MACHINE



Product Description

CNC 2D wire bending machine

Brief description Brief description

The 2D CNC bending machine is a fully automatic machine for producing various two-dimensional die pressing parts. As long as the parameters are set on the operating table, the ideal two-dimensional shape can be bended at one time without additional dies. The line diameter range is suitable for 3.0-8.0 mm.

Processing wire, steel wire, stainless steel wire, non-ferrous wire (round, square, flat), bending, square, round, hexagonal, elliptical irregular shape and various flat buttons, hooks.

Product Application of Fully Automatic CNC 2D Steel Wire Bending Machine

1. Automobile accessories: car seat frame, door lock rod, snake spring (including single snake and double snake), car cat head spring, car seat belt spring, car seat wire accessories, motorcycle accessories, bicycle accessories and hanging basket are more suitable for production with wire forming machine;
2. Daily hardware products: kitchen display rack, clothes rack, egg beater, cabinet basket, refrigerator rack, bathroom clothes rack line products, supermarket shopping basket, trolley, display pendant, etc.
3. Wire crafts, lighting products, fishing gear accessories, including wine racks, fruit kettles in KTV, Christmas gifts, etc., are all wrapped with different shapes of wire or wire plane or three-dimensional parts.
4. All kinds of cage processing: pet cage, bird cage, dog cage, cat cage, breeding cage, trap cage, etc.
5. Clothes hanger, shoe hook, curtain hook, shelf hook, display hook and other hooks.

Product Parameters

Model	2D/3-8MM
Color	Grey/Blue (customized)
Diameter of the steel wire(mm)	Carbon steel material:Φ3.0 ~ φ 8.0
Feeding wire speed	100meter/min
Number of the wire feed wheel	3 pairs
Servo motor	Wire feeding
	2.9KW

Wire cutting	0.75 KW
Moving the platform	0.75 KW
Angle controller	1.0KW
Main Machine(L*W*H)(mm)	2750*1200*1800
Net Weight of Machine (kg)	3500KG
Number of axes	4

Features of fully automatic CNC 2D steel wire bender:

- 1.CNC two-dimensional steel wire bending machine, corner with the production of different products. The debugging time is short. New products need only simple adjustment, and can be produced after debugging to improve delivery speed.
- 2.The function of transmission line is realized by the rotation of conductor itself, which makes the production of multi-angle rotation more convenient and fast.
- 3.The working platform can move up and down, and the forming space is larger, which provides more convenience for the production of two-dimensional products.
- 4.Auxiliary lifting plate: play a supporting role in the production process, avoid product deformation due to its own weight and product specificity, and ensure product stability.

Composition and description of steel wire bender structure:

The machine structure consists of a machine stand and a feeding rack.

Machine platform composition:

- 1.feed assembly,
- 2.straightening frame,
- 3.bending assembly,
- 4.pneumatic system
- 5.CNC electrical control part.

Functional Composition of Machine:

- 1.Pneumatic system
- 2.Feeding Assembly (Completing Material Transportation).
- 3.Straightening Frame (Straightening Material).
- 4.Bending Line Assembly (Product Forming)



