

Intermediate Frequency Nut Automatic Spot Welder

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Jin Hongxiang
- Certification: CE
- Model Number: JIDW-800+180
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: Export safety wooden case
- Delivery Time: 5-10 working days. Or negotiation
- Supply Ability: 50 Set/Sets per Month



Product Specification

- Applicable Industries: Building Cover Plate, Railway / Road Guardrail, Pet Cage, Storage Rack, Net Basket
- Rated Capacity: 180KVA
- Usage: Welding, Multi-point Welding
- Voltage: 380V, 50Hz
- Control System: Touch Electric Box Control
- Cylinder Stroke: 50MM



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Product Description

Intermediate Frequency Nut Automatic Spot Welder



Name:

jlb medium frequency spot welder,
nut spot welder,
nut automatic feeding spot welder,
automatic feeding spot welder,
nut welder

Function and application:

Function:

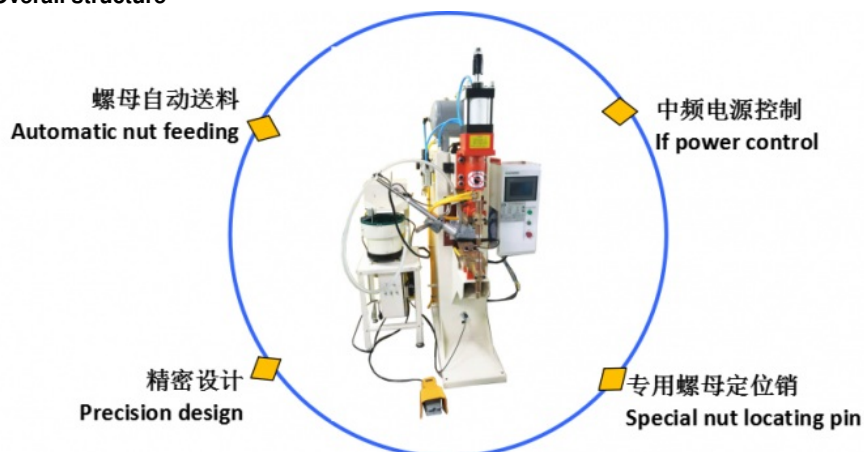
it is used for automatic nut feeding and spot welding to iron sheet or iron pipe, which is efficient, time-saving and labor-saving.

Applications:

automobile manufacturing, mechanical assembly, aerospace manufacturing, shipbuilding.

For products with high welding requirements, the medium frequency power supply is mainly used. If the requirements are not too high, power frequency power supply can also be used.

Overall structure



Performance characteristics:

1. The whole machine has excellent design, precise processing, smooth cooperation, beautiful and firm welding. Large gas storage pipe, high-quality two-piece, water circulation electrode rod, adjustable combined cylinder, thickened upper and lower copper covers with grooves.

1-1 Adjustable connecting cylinder, large diameter, large pressure, convenient stroke adjustment



1-2 The fixed copper cover has a T-shaped groove, which is convenient for fixing the mold.



1-3 Taiwan SNS dual air source processor can control and regulate the air pressure, filter the water in the air, and provide lubricating oil for the solenoid valve. Good quality, durable and stable.



1-4 The large capacity air receiver makes the spot welding machine more stable pneumatically.



1-6 Water circulating water-cooled electrode



2. Automatic nut feeding device



2-1.Precision manufacturing technology, precision assembly, strict testing, stable and reliable performance

2-2.The vibrating disc adopts the method of screening nuts, which is different from the rotary disc type. It has high efficiency screening, convenient fault maintenance and low noise. The screening nuts can reach 50-80 / min per minute, which can ensure the nut supply of the conveying gun head. After ingenious design process, the nut can reach 99.9% anti reaction function. Multiple anti reaction design is adopted to ensure that the inversion rate of output nut is 0. different nuts need different vibrating discs.

2-3.Applicable nut specification: m5-m6-m8-m10-m12 and flange nut round nut

Nut locating pin - alloy copper



Feeding nut shaped display



Transmission pipeline show



3.If power control:

3-1. When the DC current with small ripple output from the medium frequency welder passes through the welding area, it has a "cluster effect" to the center. It can concentrate the welding heat and reduce the heat affected zone around the welding joint. It is more effective for welding multi-layer plates and thick plates. It is more suitable for precision welding of copper, aluminum, nickel, molybdenum, tungsten, manganese, gold, silver and other non-ferrous and precious metals.

3-2. The medium frequency DC welding machine outputs continuous DC, with stable current and high control accuracy. In addition, the cluster effect of DC ensures little or no spatter in the welding process

3-3. The medium frequency DC controller outputs a DC current with minimal ripple and no zero crossing effect, so it is more suitable for light alloy, heat-resistant steel, precision parts, high-speed seam welding and occasions with high welding quality requirements.

3-4. If controller. Output power frequency: 1kHz ~ 4kHz; Programmable up to 32 sets of welding specifications; Three stage heating process: preheating, welding and tempering; Current control accuracy: 5 %.

3-5. The magnetic core of intermediate frequency transformer is made of nano amorphous iron-based strip. Nano amorphous iron-based materials have high magnetic flux density, high permeability, high Curie temperature, high thermal stability, small eddy current loss, low iron loss and high magnetic induction strength.

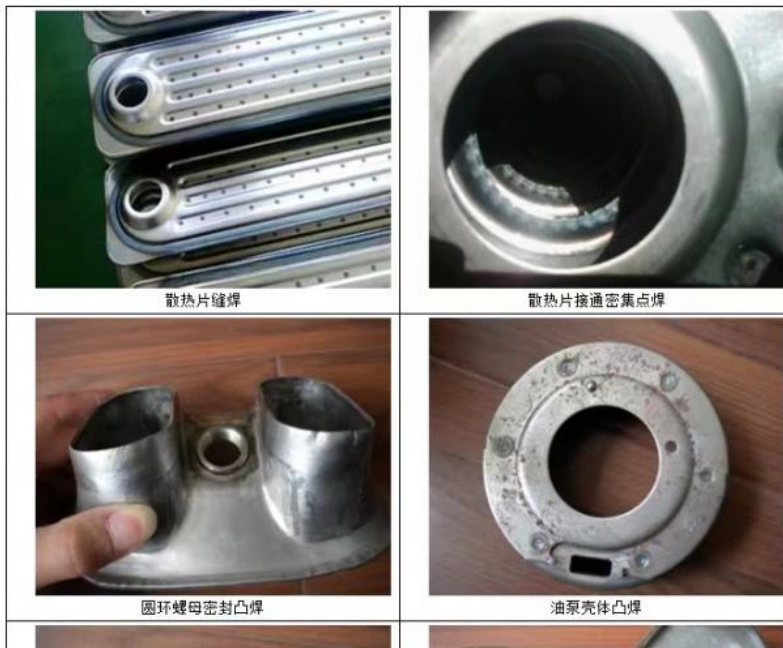


技 参 数			
型 号 model	JLMD-180	送料装置 Feeder voltage	220V
点 机功率 Welder power	180KVA40000A	送料速度 Feeding speed	50-60 PCs/min
点 机 Welding machine voltage	380V,60HZ	外形尺寸 CMOverall dimension	127*108*188CM
逆 率 Inverter frequency	1000HZ	重量KG Weight	400KG
冷却水流量 Cooling water flow	13L/MIN	合螺母 Nut size	M4-M12
臂 Arm length	400MM	螺母形状 Nut shape	Flange, Round, Square

Welding nut display

凸焊产品展示





Warm tip:
 our products are constantly upgraded and improved.
 If the color or structure changes, the real object shall prevail.



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