

What is energy storage welding?

Energy storage welding is most commonly used for welding studs with smaller diameters. The principle involves the release of stored energy from a capacitor at the moment the stud contacts the base material, causing the area where the stud and the base material meet to melt and weld together.

What are the advantages of CNC automatic stud welding machine?

The CNC Automatic Stud Welding Machine has outstanding features and clear advantages, and is widely used in thin sheet stud welding production in fields such as electrical, electronics, boiler, power construction, decoration and home appliances, elevators, automotive industry, shipbuilding industry, and aerospace industry.

What are the parts of CNC automated stud welding machine?

The CNC automated stud welding machine mainly consists of eight parts: the rack structure, bed structure, transmission system, drive system, control system, welding platform, automatic nail selection and feeding mechanism, and automatic welding torch head. The rack structure is divided into vertical and horizontal structures.

What is an automatic nail delivery device?

The automatic nail delivery device consists of a nail selector, a pneumatic nail delivery mechanism, an automatic welding gun, and a nail delivery tube.

Which thyristor is used in welding machine?

1. Pure copper output: The positive and negative outputs all use copper output to increase the output performance and service life of the welding machine. 2. Flat-type thyristor: The core component is upgraded to a flat-type thyristor and linked to the copper plate underneath, which greatly improves the welding performance.

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10. The dual welding tool mode is convenient for wide welding range of batteries and metal parts flexibly. 11. The built-in safe self-discharge device for transportation or long-term storage can ...

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7. The welding machine is equipped with a built-in fan and overheating safety control system. If the temperature rises due to overload or poor ventilation, the welding machine will automatically alarm. 8. Welding machines usually use ...

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