

Domestic-made Automatic Welding Machine

◆ Product Description

The domestic automatic welding machine is a type of automatic welding equipment specially designed for large-area floor welding. Equipped with a 1600W domestic hot melt welding gun, it has an automatic constant-speed traveling function, which can significantly enhance welding efficiency and weld seam quality. It is applicable to the welding construction of materials including PVC, plastic, and elastic flooring.

- Powerful Hot-melt Power
- Automatic Constant-speed Travel
- Suitable for Large-area Operation
- Cost-effective Domestic Configuration
- Low Operation Threshold

◆ Product Structure

- The domestic automatic welding machine integrates a core welding module equipped with a 1600W domestic hot melt welding torch, a precision constant-speed travel drive module, an intelligent control module with temperature control and travel linkage, a lightweight high-strength alloy body support module, as well as an auxiliary module featuring guiding, emergency stop and heat dissipation functions, and it can efficiently complete continuous welding operations for large-area floors.

◆ Typical Applications

- Domestic hot melt welding guns are widely used in fields such as industrial workshops, commercial public spaces, warehouse and logistics centers, and medical cleanrooms. Relying on stable temperature control and walking linkage performance, they efficiently complete various types of floor welding tasks and meet the stringent requirements of different scenarios for weld seam strength, flatness and cleanliness.



◆ Typical Product Data and Physical Properties

Material: Aluminum Alloy Profiles + Brass Alloy
 Overall Dimensions: L380MM* W260MM * H240MM
 Model No.: 3301100
 Input Voltage: AC220 V $\pm 10\%$
 Input Frequency: 50 Hz
 Operating Temperature Range: 0–500 °C
 Travel Speed: 0.5–3.0 m/min
 Applicable Welding Rod Diameter: 2.0–4.0MM
 Applicable Floor Thickness: 2.0–6.0MM
 Operating Mode: Automatic Constant-speed Travel Welding

Availability:

Item#	Model	Weight
1.4.24.07.0021	3301100	6.5kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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