

PE double seam welding machine

◆ Product Description

The PE double-seam welding machine is an automated welding equipment specifically designed for materials such as polyethylene geomembranes and waterproof boards. adopting hot wedge welding technology, it melts the material surface through high temperature and applies pressure, serving as a core tool for projects like landfill sites, reservoir seepage prevention, and metro waterproofing.



- Automatic Crawling System
- Digital Parameter Management
- Lightweight Design and User-Friendly Operation
- Modular Structure
- Consumable Economy

◆ Product Structure

- The core structure of the PE double-seam welding machine: The welding system features a Teflon-coated heating plate and a double-pressure wheel design, paired with a die steel weld forming device. The drive system integrates a pure copper motor or lithium battery power source, and uses a gear rack or synchronous belt for transmission. The double-wheel traveling mechanism supports climbing slopes up to 45° and is equipped with a laser centering guide.

◆ Typical Applications

- The portable electric punch machine is widely used in multi-scenario metal processing and installation, covering sheet metal manufacturing, construction steel structures, decoration, and equipment maintenance. Its lightweight and portability make it suitable for high-altitude operations, narrow spaces, and mobile tasks, while its precision and efficiency meet high-precision requirements, and safety features reduce operational risks.

◆ Typical Product Data and Physical Properties

Dimensions: 450×200×150mm

Welding Thickness: 0.5-1.5MM

Weld Width: Single seam 8MM, double seam spacing 30MM

Welding Speed: 0.5-3M/Min

PE Film Thickness: 1.0MM

Power: 800W

Voltage: 220V

Availability:

Item#	Product Name	Packing
1.4.24.02.0385	PE double seam welding machine	1pcs/carton

◆ 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 for reference only

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