

PE Pipe Butt Fusion Welding Machine

This PE pipe butt fusion welding machine is designed for joining polyethylene pipes. It utilizes controlled heating and pressure to create strong, leak-proof welds suitable for various applications.



ADDITIONAL IMAGES



Product Overview



A specialized tool designed for creating strong, reliable, and leak-proof joints in polyethylene pipes.



Robust frame design featuring dual clamping systems for secure pipe alignment and uniform melting.

Professional PE Pipe Welding Solution

This single-column butt fusion welding machine is engineered for high-precision joining of polyethylene (PE) pipes. Designed for both on-site and workshop environments, it ensures strong, leak-proof joints through controlled heating and pressure application. Its robust construction and user-friendly control system make it an essential tool for water, gas, and industrial pipeline distribution projects.

Key Features

Core Capabilities

Butt Fusion Method, Single-Column Stability, Hydraulic Pressure Control, Adjustable Fusion Parameters, Precision Alignment

Technical Specifications

Welding Workflow

- Pipe fixation with 5-8cm spacing
- Milling cutter surface preparation
- Controlled heating plate fusion
- Pressure-regulated joint bonding
- Cooling and removal

Operational Controls

5 cm

Min Gap

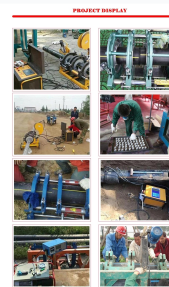
8 cm

Max Gap

Applications



Portable design suitable for on-site pipeline construction and maintenance.



The machine in action, demonstrating the alignment, heating, and cooling stages of the welding process.

Compatible Applications

Water Distribution • Gas Distribution • Sewage Systems • Industrial Pipelines

Logistics

Packing and Delivery



Machines are carefully packaged in wooden crates to ensure protection during international transportation.

Shipping & Handling

Secure wooden crate packaging suitable for global logistics via truck, cargo ship, or air freight.