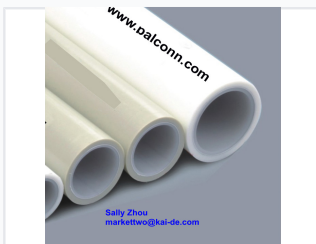


PEX-AL-PEX Pipe Extrusion Machine with Butt Welding

This PEX-AL-PEX pipe extrusion machine utilizes butt welding for joining aluminum layers. It integrates plastic extrusion, aluminum strip forming, welding, and pipe shaping into a continuous production line.



ADDITIONAL IMAGES



Overview

High-Performance Composite Pipe Production

This advanced PEX-AL-PEX pipe extrusion machine is engineered for the continuous, high-precision manufacturing of multilayer composite pipes. It integrates critical processes including plastic extrusion, aluminum strip forming, and argon arc butt welding into a single, synchronized production line. Designed for reliability, the system ensures consistent pipe dimensions and structural integrity, making it ideal for creating durable pipes used in plumbing, heating, and gas distribution systems.

System Components

Production Line Features

- Inner Pipe Extruder
- Auto Loader & Dryer
- Vacuum Calibrating Cooling Flume
- Argon Arc Butt Welding Machine
- Aluminum Tape Forming & Heating Devices
- Inner & Outer Glue Extruders
- Outer Pipe Co-extrusion Die Head
- Flying Knife Cutting Machine
- Double Working Position Coiler
- PLC Computer Control System

Technical Standards

Compliance Standards

DIN 8077, DIN 8078

Key Features

Welding Technology

Argon Arc Butt Welding • Seamless Aluminum Layer • Leak-proof Bond

Applications

Typical Applications

- Potable Water Distribution
- Radiant Floor Heating
- Hydronic Heating Systems
- Gas Distribution