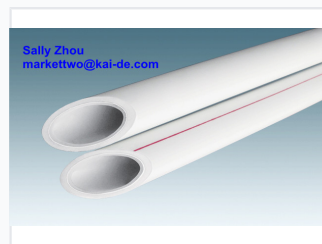


PPR-AL-PPR Pipe Extrusion Line with Overlap Welding

This PPR-AL-PPR pipe extrusion line is designed for manufacturing composite pipes with overlap welding. It features PLC computer control and is suitable for producing pipes with diameters ranging from 16mm to 63mm.



ADDITIONAL IMAGES



Product Overview

High-Precision PPR-AL-PPR Extrusion Line

This advanced extrusion line is engineered for the high-speed and stable production of aluminum-plastic composite pipes. Utilizing ultrasonic overlap welding technology, it ensures a flat welding seam and superior structural integrity. The system incorporates imported PLC computer control for high-precision synchronization, significantly enhancing the accuracy of the pipe-forming process.

Production Line Components

Integrated Components

- Aluminum tape releaser
- Aluminum tape saving machine
- Aluminum tape connecting machine
- Aluminum tape forming machine
- Inner pipe extruder
- Outer pipe extruder
- Inner & outer Glue extruder
- Co-extrusion die head
- Ultra-sonic welding machine
- Cooling flume
- Pulling machine
- Coiling machine
- PLC computer

Technical Features

Welding Method	Ultrasonic Overlap Welding
Control System	Imported PLC Programmable Computer Control
Manufacturing Standard	High-precision CNC, Flat welding seam, High-speed synchronous, Stable running

Application Specifications

Compatible Pipe Types

- PPR-AL-PPR
- PERT-AL-PERT
- PEX-AL-PEX

Key Performance Attributes

Corrosion resistance • Oxygen barrier • High pressure resistance • Temperature stability • Chemical inertness