

PE PPR Pipe Extrusion Line

The PE PPR pipe extrusion line is a complete system for manufacturing polyethylene (PE) and polypropylene random copolymer (PPR) pipes. This line includes an extruder, die head, cooling system, haul-off unit, cutter, and stacker.



ADDITIONAL IMAGES



Product Overview

High-Performance Extrusion Solution

This professional-grade pipe extrusion line is engineered for the efficient manufacturing of PE and PPR pipes. Featuring advanced barrier screw technology and a specialized basket die head, the system ensures superior plastification, stable production, and precise dimensional control. The integrated PLC control system with a large LCD interface allows for seamless operation and monitoring, making it an ideal solution for high-volume plumbing and industrial pipe production.

Technical Specifications

Extruder Model	SJ 65 Single-Screw Plastic Extruder
Compatible Materials	PE, PPR, HDPE, PP, ABS
Control Interface	PLC Control System with Large LCD Screen

Manufacturing Process

Production Workflow

- Mixer
- Vacuum feeding
- Material drying
- Single screw extruder
- Marking line extruder (co-extrusion)
- Vacuum calibration spraying cooling tank
- Spraying cooling tank
- Color-ribbon printer
- Haul-off machine
- Cutter
- Stacker

Key Engineering Features

Barrier Unit Screw • Basket Die Head • Vacuum Sizing Tank • Stable Cooling System • Co-extrusion Capable