

PE Pipe Extrusion Line

This PE pipe extrusion line excels in producing HDPE and PPR pipes, offering excellent stiffness and flexibility. Ideal for city and suburb ductwork, it is a preferred choice for gas and water pipe systems.



ADDITIONAL IMAGES



Product Overview

High-Efficiency PE Pipe Extrusion Line

This PE series plastic pipe production line is engineered for high-capacity manufacturing of pipes for agriculture, construction, and cable protection. The system utilizes advanced A/C frequency conversion speed regulation and PLC control to ensure precise, automated operation. Designed to handle various resin materials including PE, PP, PP-R, and more, it offers superior melt temperature uniformity and stress elimination through vacuum calibration.

Technical Capabilities

Specialized Pipe Outputs

- Inner wall spiral pipe
- Inner wall hollow pipe
- Core layer foam pipe
- Color-lined tubes

Compatible Materials

PE, PP, PP-R, PEX, Silicon core

System Components

Core Components

- Single screw extruder
- Vacuum calibration tank
- Haul-off unit
- Cutting unit
- Stacker

Cutting Machine Options

- Dust-free cutting
- Saw blade cutting
- Planetary cutting (computer controlled)

Performance Metrics

Haul-Off Claw Options

- 2-claw
- 3-claw
- 4-claw
- 6-claw
- 8-claw
- 10-claw
- 12-claw

Automation & Control

PLC Control • A/C Frequency Conversion • Constant Temperature Control • Automatic Planetary Cutting