

Double Wall Corrugated Pipe Production Line

This production line is designed for manufacturing double-wall corrugated pipes with diameters from 50-200mm. These plastic pipes offer high stiffness, light weight, and noise damping.



Product Overview

High-Efficiency Corrugated Pipe Production

This double-wall corrugated pipe production line is engineered for high-performance manufacturing of HDPE and PP drainage and cable protection pipes. It utilizes an advanced extrusion system with independent layer feeding to ensure uniform thickness and exceptional structural integrity. Designed for continuous industrial operation, the line integrates precise molding, automated cooling, and synchronized cutting to deliver consistent, high-quality pipe output.

System Features

Extrusion Technology

- High-efficiency single-screw extruder
- Tube slotting design
- Independent inner and outer layer feeding
- Low-noise cooling fan

Compatible Materials

HDPE, PP

Technical Specs

Molding Specifications

The horizontal molding machine features a chain-drive system with integrated open water cooling. It utilizes an advanced mechanical drive system to maintain synchronized precision during pipe formation, while the automatic lubrication system minimizes wear on the forming modules.

Extrusion Die Characteristics

- Spiral flow channel design
- Elimination of internal pipe stress
- Removal of pipe weld marks
- Uniform thickness control

Post-Processing

Cutting Machine Controls

Electrical and pneumatic joint control with automated fixed-length flip cutting device

Applications

Industrial Applications

Drainage Systems • Sewage Management • Cable Protection