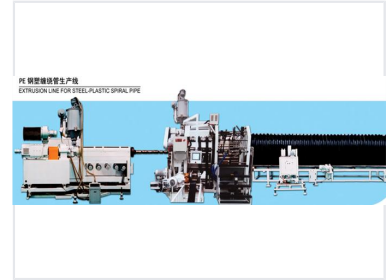


PE Steel-Plastic Winding Pipe Extrusion Line

This extrusion line is used for manufacturing PE steel-plastic winding pipes. It consists of an extruder, forming unit, cooling system, and winding mechanism to ensure consistent quality.



Product Overview

PE Steel-Plastic Winding Pipe Extrusion Line

This advanced extrusion line is specifically engineered for the high-efficiency production of PE steel-plastic winding pipes. The resulting pipes offer superior ring stiffness and reduced material consumption, making them highly cost-competitive for large-diameter infrastructure projects. Designed for reliable drainage, sewerage, and ventilation, these pipes demonstrate excellent durability, soil settlement adaptability, and low-temperature performance.

Technical Features

Material Efficiency

- 20%-60% material reduction compared to traditional hollow winded or double-wall corrugated pipes
- High ring stiffness for diameters over 800mm
- Lightweight design for improved cost-effectiveness

Key Performance Indicators

500 %

Rupture Elongation Coefficient

-60 °C

Min Operating Temperature

60 °C

Max Operating Temperature

Available Connection Methods

Thermo-melt coupling, Thermo-shrinking film, Outer half-block with sealing rings

Operational Advantages

Soil and Flow Performance

Feature	Performance Detail
Soil Adaptability	Resists earth settlement and movement without breaking
Axial Strength	High structural integrity for axial tensile and circumferential ring stress
Flow Capability	Excellent flowing performance with increased capacity