

PE/HDPE Double Wall Corrugated Pipe Production Line

This high-performance production line is designed for manufacturing PE/HDPE double wall corrugated pipes. The system integrates advanced extrusion technology with precision molding to create durable and lightweight pipes suitable for various applications.



Product Overview

High-Efficiency Corrugated Pipe Production

This production line is engineered for the manufacturing of PE/HDPE double-wall corrugated pipes, integrating high-efficiency single-screw extruders with advanced vacuum forming technology. The system features a robust, automated workflow including precision molding, spray cooling, and online belling capabilities. Controlled by a sophisticated PLC micro-computer system, it ensures consistent product quality, stable extrusion, and easy operation with real-time monitoring of critical parameters like melting temperature and forming speed.

Key Features

System Capabilities

PLC Micro-computer Control, Online Belling, Vacuum Forming Technology, Stable Extrusion, Excellent Plasticization, Memory Function

Technical Specifications

Model Specifications

| Model | Pipe OD (mm) | Max Speed (m/min) | Installed Power (kw) |
|--------|--------------|-------------------|----------------------|
| SGB400 | 225-400 | 5 | 480 |
| SGB600 | 225-600 | 5 | 580 |
| SGB800 | 225-800 | 3 | 750 |

Extruder Configurations

- SGB400: SJ75/33 + SJ75/33
- SGB600: SJ90/33 + SJ75/33
- SGB800: SJ120/33 + SJ90/33

System Components

Included Equipment

- Two high-efficiency single-screw extruders
- Imported ratio-adjusting valve
- Double-passage spiral composite extrusion molds
- Vertical forming machine
- Spray cooling tank
- Double-blade radial cutter
- Stacker