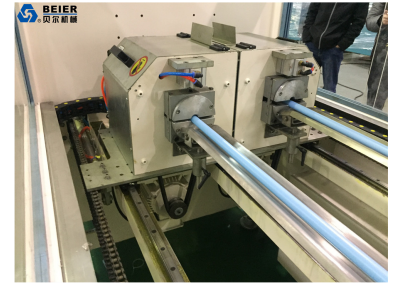
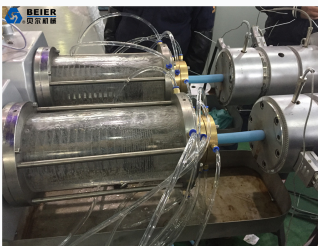


20-63mm Dual HDPE PE PP-R Pipe Extrusion Line

This dual pipe extrusion line is designed for the production of HDPE, PE, PP, and PP-R pipes ranging from 20mm to 63mm in diameter. It is equipped with advanced control systems to ensure stable and reliable operation, producing high-quality pipes with consistent dimensions and excellent mechanical properties.



ADDITIONAL IMAGES



Overview

High-Efficiency Dual Pipe Extrusion

This high-speed extrusion line is engineered for the simultaneous production of two HDPE, PE, PP, or PP-R pipes, significantly increasing output efficiency for B2B manufacturers. The system features a high-torque gearbox and a stability-focused running system designed to lower electrical and water consumption. With advanced vacuum calibration and multi-section cooling, it ensures consistent pipe dimensions and excellent mechanical properties for water supply, drainage, and gas distribution applications.

Technical Capabilities

Pipe Diameter Range

20 mm Minimum Diameter	63 mm Maximum Diameter
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Compatible Materials

HDPE, PE, PP, PP-R

Extruder Specifications

High Efficiency Single Screw Extruder



Detailed view of the high-efficiency single screw extruder featuring a 38-40/1 L/D ratio and high-torque gearbox.

Extruder Features

- High efficiency single screw design
- Spiral grooved bush structure
- High torque vertical gearbox
- Automatic lubricating oil temperature control
- Low noise operation
- Energy-saving heaters

Screw L/D Ratio

38-40/1

Components & Calibration

Cooling & Vacuum System

- 9m Two-chamber vacuum design
- Multi-section water membrane cooling
- Double disk calibration sleeve
- Brass and glass material construction

Die Head Technology

Spiral head channel with static mixing system for international pressure distribution

Control & Drive System

System Components

Component	Specification/Feature
Main Motor	Siemens Brand
Inverter	ABB Brand
Control System	PLC Automated Control
Reducer	Falk Brand
Measurement	Gravimetric Meter

Operational Efficiency

Performance Highlights

High Speed • Low Energy Consumption • Low Water Consumption • Dual Strand Output