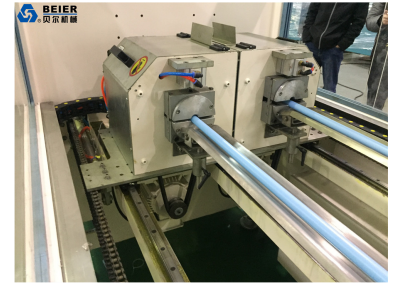
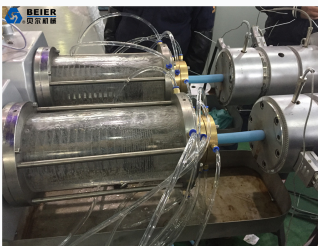


# 20-63mm Dual HDPE PE PP-R Pipe Extrusion Line

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

<b>20 mm</b> Minimum Diameter	<b>63 mm</b> 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