

PVC Pipe Production Line

This PVC pipe production line is designed for efficient and reliable manufacturing. The system includes a precise sizing and cooling unit to ensure dimensional accuracy and consistent pipe quality.



Overview

High-Efficiency PVC Pipe Production Line

This PVC pipe production line integrates advanced conical twin-screw extrusion technology to ensure precise temperature and material plasticization control. Engineered for durability and performance, the system features high-grade stainless steel calibration and cooling units that provide exceptional corrosion resistance and dimensional accuracy. The line is designed for high-volume extrusion while maintaining low melt temperatures, offering a stable and cost-effective solution for professional pipe manufacturing.

Extrusion System

System Control Features

- Forced feeding system
- Automatic temperature control
- Vacuum exhaust system
- Automatic speed control

Screw Configuration

Conical twin-screw

Drive Mechanisms

DC Governor, Frequency Converter

Tooling and Calibration

Calibration Tank Specifications

- High-pressure and corrosion-resistant stainless steel
- Dual-stage vacuum calibration (for large diameters)
- Electronic water temperature regulation
- 3D adjustable rack with cycloid reducer drive

Mold Material Construction

40Cr forging with quenching, tempering, and chrome-plated finish

Cooling System

Operational Features

- Electronic water temperature adjustment
- Stainless steel float level control
- Adjustable height rack
- Supporting roller organization

Tank Material

Stainless Steel

Nozzle Material

ABS Engineering Plastics