

Plastic Extrusion Line

This plastic extrusion line is designed for processing plastic materials into profiles. It includes a feeding mechanism, extruder with temperature control, cooling system, haul-off unit, and cutting mechanism.



Overview

High-Efficiency Plastic Extrusion Line

This industrial-grade plastic extrusion line is engineered for the continuous production of high-quality plastic profiles and products. The system features a fully integrated workflow, starting from precise material feeding and melting to controlled cooling and final product handling. Designed for reliability, it includes advanced temperature and speed regulation to ensure consistent output and superior material homogenization.

System Components

Main System Components

- Material Feeding Mechanism (Hopper & Conveying)
- Extruder Unit with Screw Mechanism
- Heated Barrel
- Integrated Control Panel
- Cooling System (Water Bath)
- Haul-off Unit
- Cutting/Winding Mechanism

Process Capabilities

Material Melting, Homogenization, Profile Extrusion, Tension Control, Precision Temperature Regulation

Control & Operation

Control Features

Temperature Regulation • Speed Control • Automated Tension Control