

Wire and Cable Insulation Extruder for PVC PE XLPE

This series of plastic extruders are used for extruding PVC, PE or XLPE insulating layer and protective jacket onto wires and cables.



Overview

Wire and Cable Insulation Extruder

This high-performance extrusion line is engineered for applying PVC, PE, or XLPE insulation layers onto wires and cables. Featuring a robust design with solid gear speed-down motors, the system ensures long-term reliability and low-noise operation. The machine includes advanced temperature monitoring and comprehensive cooling systems, allowing for precise control over processing parameters to ensure consistent insulation thickness and quality.

Key Features

System Configuration

- Pay-off unit
- Tensioning unit
- Extruder
- Cool-water trough
- Haul-off unit
- Take-up unit
- Electrical control system

Cooling & Heating

Aluminum casting heating, Blower cooling, Water-center screw cooling, Complex temperature monitoring

Technical Specifications

Model Comparison

Specification	SJ45	SJ65	SJ90	SJ120	SJ150
Extruder Diameter (mm)	15	35	60	100	N/A
Take-up Size (mm)	630	1600	2000	2500	3150
Heat Voltage (kW)	7.5	16	25	37	64
Extruding Speed (kg/h)	34	120	240	400	680

Screw Length-to-Diameter Ratio

25 :1