

Wire and Cable Insulation Extruder for PVC PE XLPE

This plastic extruder series applies PVC, PE, or XLPE insulation and protective jacketing to wires and cables. The extruders ensure consistent insulation quality for various wire sizes.



Overview

High-Efficiency Insulation Extrusion Line

This professional-grade wire and cable insulation extrusion line is engineered for precision application of PVC, PE, and XLPE insulation layers. The system features a robust, low-noise gear speed-down motor and a sophisticated mainframe canister heated by aluminum casting for consistent thermal performance. With integrated water-center screw cooling and complex temperature monitoring, this line ensures high-quality production standards and convenient operational adjustments.

Technical Specifications

Extruder Technical Data

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

Screw Long/Dia Ratio

25 :1

System Configuration

Included Components

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

Cooling Systems

Blower cooling (mainframe), Water-center cooling (screw)