

Wire and Cable Insulation Extruder

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



Overview

High-Efficiency Insulation Extrusion Line

This wire and cable insulation extruder is designed for precision application of PVC, PE, or XLPE insulating layers. The system features a robust, low-noise gear speed-down motor for long-term reliability and advanced temperature control systems. With integrated cooling mechanisms for both the mainframe canister and the screw, it ensures consistent material processing and high-quality output for demanding cable manufacturing applications.

Key Features

System Configuration

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

Cooling Technology

Aluminum casting heating, Blower cooling, Water-center screw cooling

Technical Specifications

Performance Overview

Model	Extruder Dia (mm)	Heat Voltage (kw)	Extruding Speed (kg/h)
SJ45	15	7.5	34
SJ65	35	16	120
SJ90	60	25	240
SJ120	100	37	400
SJ150	100	64	680

Screw L/D Ratio

25 :1