

# Wire and Cable Insulation Extruder

This series of plastic extruders applies insulating layers and protective jackets to wires and cables. It is designed for extruding PVC, PE, or XLPE materials.



## Overview

### Wire and Cable Insulation Extruder

This industrial wire and cable insulation extruder is engineered for high-performance processing of PVC, PE, and XLPE materials. Featuring a robust design with solid gear speed-down motors, the system ensures long-term operational reliability and low noise levels. The mainframe utilizes advanced aluminum casting heating and water-center screw cooling, monitored by complex temperature instrumentation for precise control.

## Technical Specifications

### Extruder Performance Metrics

Specification	SJ45	SJ65	SJ90	SJ120	SJ150
Extruder Diameter (mm)	15	35	60	100	100
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 Long Dia. Rate	25 :1
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## System Configuration

### Included Components

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

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