

Wire and Cable Insulation Extruder

This series of plastic extruders applies insulation and protective jacketing to wires and cables using PVC, PE, or XLPE. They are engineered for consistent and reliable insulation processing across various wire and cable sizes.



Overview

Wire and Cable Insulation Extruder

This wire and cable insulation extruder is designed for high-performance processing, featuring a solid gear speed-down motor for long-term, low-noise operation. The system utilizes aluminum casting for mainframe heating and water-center cooling for the screw, ensuring precise temperature control. It comes fully equipped with a comprehensive configuration including pay-off, tensioning unit, extruder, cool-water trough, haul-off, take-up, and electrical systems.

System Configuration

Included Components

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

Technical Specifications

Performance Metrics

Parameter	SJ45	SJ65	SJ90	SJ120	SJ150
Extruder Diameter (mm)	15	35	60	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 Diameter Ratio

25 :1