

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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