

Wire and Cable Insulation Extruder

This plastic extruder applies insulation and protective jacketing to wires and cables. It is designed for use with PVC, PE, and XLPE materials.



Product Overview

High-Performance Wire and Cable Insulation Extruder

This industrial-grade extrusion system is designed for applying PVC, PE, or XLPE insulation layers onto wires and cables with precision. Engineered for reliability, the unit features a solid gear speed-down motor for low-noise, long-term operation. The system includes a comprehensive configuration comprising a pay-off unit, tensioning unit, extruder, cooling water trough, haul-off, take-up, and an advanced electrical control system.

Technical Specifications

Model Comparison

Specification	SJ45	SJ65	SJ90	SJ120	SJ150
Extruder Diameter (mm)	15	35	60	100	N/A
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 Length-to-Diameter Ratio	25 :1
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Design & Features

Cooling Configuration

- Mainframe canister cooled by blower
- Screw cooled by water-center
- Cool-water trough included

Mainframe Heating	Aluminum casting
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Control Features	Complex temperature instrumentation, Solid gear speed-down motor, Low-noise operation
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