

Wire and Cable Insulation Extruder

This plastic extruder applies insulation and protective jacketing to wires and cables using PVC, PE, or XLPE. It ensures consistent and precise insulation for enhanced durability.



Overview

High-Performance Insulation Extrusion

This wire and cable insulation extruder is engineered for precision and durability, featuring a solid gear speed-down motor for quiet, long-term operation. The system utilizes advanced temperature monitoring with aluminum casting heating and water-center screw cooling to ensure consistent material processing. Designed for versatility, the configuration includes pay-off, tensioning, extrusion, cooling, haul-off, and take-up units, making it a comprehensive solution for cable manufacturing.

Technical Specifications

Model Specifications

Parameter	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 Length-to-Diameter Ratio	25 :1
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System Configuration

Included Components

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

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