

Cable Jacketing Extrusion Line

This series of plastic extruders are used for extruding PVC, PE or XLPE insulating layer and protective jacket onto wires and cables. The system is engineered for continuous operation, high output, and precise control over jacket thickness and concentricity.



Product Overview

High-Performance Cable Jacketing Line

This cable jacketing extrusion line is engineered for high-efficiency production, utilizing solid gear speed-down motors for long-term, low-noise operation. The system features advanced thermal management, including aluminum casting heating and water-center screw cooling, monitored by precise temperature instrumentation for easy adjustment. The complete configuration includes pay-off, tensioning, extrusion, cooling, haul-off, and take-up units, ensuring consistent quality for protective jacketing applications.

Technical Specifications

Performance Parameters by Model

Model	Screw Dia. (mm)	Take-up Size (mm)	Heat Voltage (kW)	Extruding Speed (kg/h)
SJ45	15	630	7.5	34
SJ65	35	1600	16	120
SJ90	60	2000	25	240
SJ120	100	2500	37	400
SJ150	100	3150	64	680

Screw Length/Diameter Ratio

25 :1

System Configuration

Line Components

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

Cooling Systems

Blower cooling, Water-center screw cooling, Cool-water trough