

# Cable and Wire Plastic Extruder

This series of plastic extruders are used for extruding PVC, PE or XLPE insulating layer and protective jacket onto wires and cables. The machine is engineered for continuous operation and precise control over the extrusion process, ensuring consistent jacket thickness and quality.



## Overview

### High-Efficiency Cable and Wire Extrusion System

This industrial-grade plastic extruder is engineered for applying PVC, PE, or XLPE protective jackets onto cables and wires. The system features a robust, low-noise design utilizing solid gear speed-down motors for long-term operational reliability. With advanced temperature monitoring and integrated cooling systems, it ensures precise control over jacket thickness and consistent production quality.

## Technical Specifications

### Extruder Model Performance

Model	Extruder Dia (mm)	Heat Voltage (kw)	Speed (kg/h)
SJ45	15	7.5	34
SJ65	35	16	120
SJ90	60	25	240
SJ120	100	37	400
SJ150	100	64	680

Screw Length-to-Diameter Ratio	25 :1
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## System Configuration

### Cooling Methods

- Blower cooling for mainframe canister
- Water-center cooling for screw

Included Components	Pay-off, Tensioning unit, Extruder, Cool-water trough, Haul-off, Take-up, Electrical system
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Heating Mechanism	Aluminum casting
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