

# Wire and Cable Plastic Extruder

This series of plastic extruders applies PVC, PE, or XLPE insulation and protective jackets to wires and cables. They are suitable for a wide range of cable sizes and insulation materials.



## Overview

### High-Performance Wire and Cable Extrusion

This wire and cable plastic extruder is designed for precision and reliability, featuring a well-located production line that meets rigorous technical standards. It utilizes a solid gear speed-down motor to ensure long-term operation with minimal noise. The system includes advanced thermal management, utilizing aluminum casting for heating and water-center cooling for the screw, all monitored by a complex temperature instrument for precise adjustments.

## Configuration

### System Components

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

## Technical Specifications

### Extruder Performance Comparison

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

### Available Take-up Sizes

630mm, 1600mm, 2000mm, 2500mm, 3150mm