

Plastic Tape Extrusion Stretching Line

This high-speed plastic tape extrusion stretching line is designed for producing oriented polypropylene (OPP) or polyethylene (PE) tapes. The line enhances tape strength through longitudinal orientation, making it suitable for packaging, strapping, and textile applications.



Overview

High-Performance Tape Extrusion System

This specialized plastic tape extrusion stretching line is engineered for high-quality production of PP and HDPE tapes. Designed for efficiency and low consumption, the system supports a wide range of applications including woven sacks, food bags, cement bags, geo-textiles, and artificial grass tape. Equipped with intelligent control systems and high-precision components, it ensures consistent tape quality and reliable high-speed operation.

Technical Specifications

Technical Parameters Comparison

Feature	Model SJPL-Z90	Model SJPL-Z110
Max. Extrusion Volume	280 kg/h	450 kg/h
Extruder Motor Power	90 kw	110 kw
Screw Diameter	90 mm	110 mm
Die Lip Length	1000 mm	1500 mm
Max. Production Speed	280 m/min	280 m/min
Number of Winder Spindles	176	240

Overall Dimensions (L×W×H)

- SJPL-Z90: 32000 × 3700 × 3000 mm
- SJPL-Z110: 35000 × 3900 × 3600 mm

Performance Metrics

Performance Highlights

550 m/min

Max Winding Speed

Equipment Configuration

Standard Equipment	Granulate loader, Extruder, Automatic filter changer, Holding unit, Water quencher, Film haul-off, Slitting unit, Hot air oven, Standard stretching section, Protective cover, Lamination bar, Edge trim recycling, Winder
Optional Devices	Multiple component dosing unit, Melt pump system, HDPE processing equipment, Extended hot air oven, Chilling godet system, Oil heated annealing godets, Film thickness detecting system, Fibrillator, Monitoring system, Automatically controlled flat die, Three-folding device, Water chiller, Cooling tower