

Plastic Tape Extrusion Stretching Line

This high-performance plastic tape extrusion stretching line is designed for producing high-quality plastic tapes. The line integrates extrusion, stretching, and winding processes to ensure consistent tape dimensions and optimal tensile strength.



Overview

High-Efficiency Tape Extrusion

This specialized plastic tape extrusion stretching line is engineered for high-quality production of PP and HDPE tapes. Designed for optimal tape consistency and low energy consumption, it supports a wide variety of applications including woven sacks, cement bags, jumbo bags, and artificial grass tape. The system features intelligent control, high-speed winding capabilities, and a robust extrusion process to ensure superior economic benefits for manufacturing operations.

Technical Parameters

Technical Specifications Comparison

Feature	Model SJPL-G100x33-1100x10	Model SJPL-G110x33-1500x10
Max. extrusion volume	500kg/h	650kg/h
Extruder motor power	90kw	110kw
Screw diameter	100mm	110mm
Die lip length	1100mm	1500mm
Max. production speed	550m/min	550m/min
Number of winder	170spindles	210spindles

Key Features

Performance Highlights

550 m/min

Max Production Speed

650 kg/h

Max Extrusion Volume

Equipment

Standard Configuration

- Granulate loader
- Extruder
- Automatic filter changer
- Holding unit
- Water quench
- Film haul-off
- Slitting unit
- Hot air oven
- Standard stretching section
- Protective cover for stretching section
- Lonisation bar
- Edge trim recycling
- Winder

Optional Upgrades

Melt pump system, HDPE processing equipment, Extended hot air oven, Chilling godet system, Oil heated annealing godets, Film thickness detecting system, Fibrillator, Water chiller, Cooling tower

Applications

Compatible Applications

Woven sacks • Chemical bags • Food bags • Cement bags • Leno bags • Jumbo bags • Geo-textiles • Tarpaulin • Carpet backing • Artificial grass