

# Tape Extruding and Stretching Machine

This machine produces tapes for PP woven bags using either polypropylene (PP) or high-density polyethylene (HDPE). The process includes material heating and extruding, splitting the film into tapes, stretching and forming the tapes, and winding them onto bobbins.



## Product Overview

### SJ-FS5.5 Series Tape Extruding & Stretching Machine

The SJ-FS5.5 Series is a specialized machine designed for the production of tapes for PP woven bags. It utilizes Polypropylene (PP) or high-density polyethylene (HDPE) materials, including 100% recycled material, powder, or grain. The process involves heating, extruding, splitting the film, stretching, and winding on bobbins for subsequent weaving.

## Technical Specifications

Compatible Materials	Polypropylene (PP), High-density polyethylene (HDPE), Recycled material, Powder material, Grain material
Key Components	Screw and barrel made of high-quality 38CrMoA1A alloy steel with nitriding treatment (Hardness > Hv950)
Heating Power of Plate	19 kW

## Performance Metrics

### Performance Highlights

**30 kg/h**

Min Production Capacity

**450 kg/h**

Max Production Capacity

**20 m/min**

Min Winding Speed

**150 m/min**

Max Winding Speed

## Features

### Key Benefits

Economical • Easy Operation • Easy Maintenance • Reliable Quality • Long Usage Life

## Compliance

### Patent Numbers

- ZL99219359.1
- ZL00202490.X
- ZL99242134.9
- ZL01208472.7