

Plastic Tape Yarn Drawing Machine

This machine produces PP yarn from various materials including recycled plastics, master batches, and powders. The screw and barrel are constructed from 38CrMoAlA alloy steel, and the drawing ratio is adjustable through a 6-speed gearbox or servo motor numerical control system.



Overview

High-Efficiency Plastic Tape Yarn Drawing Machine

This advanced drawing machine is engineered for the production of high-quality PP yarn, capable of processing 100% recycled materials, master batches, mixed materials, powder, or granules. Built for reliability, the system incorporates high-grade 38CrMoAlA alloy steel for the screw and barrel components. With versatile drawing ratio controls via a 6-speed gearbox or servo motor numerical control system, it offers precise production flexibility for various tape widths and thicknesses.

Technical Construction

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| Material Compatibility | 100% Recycled Materials, Master Batch, Mixed Materials, Powder, Granules |
| Screw & Barrel Material | 38CrMoAlA Alloy Steel |

Operational Features

Drawing Ratio Control

- 6-speed gearbox
- Servo motor numerical control system

Key Production Metrics

2 m

Active Roller Threshold

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| Active Roller Usage | Required for die widths exceeding 2 meters |
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