

# Polyethylene Film Blowing Machine with Torque Motors

This film blowing machine ensures consistent film thickness and smooth rolling surfaces through rotation. It utilizes torque motors to maintain constant roll-up tension, ensuring film flatness, compaction, and stability.



## Overview

### Versatile Polyethylene Film Production

This advanced film blowing machine is engineered for the efficient production of LDPE, HDPE, and LLDPE films. It features frequency speed regulation for steady, energy-efficient operation and reduced maintenance requirements. With a robust screw and barrel design and a precision rotary die head, it ensures high-quality, uniform film thickness and excellent plasticity for diverse packaging applications.

## Performance Metrics

### Key Performance Indicators

**30 kg/h**

Max. Extruding Capacity

**700 mm**

Max. Folded Diameter

**33 kW**

Total Installation Power

## Technical Specifications

Model	SJZD-45
Single-face Thickness	0.005 - 0.12 mm
Filter Changing Method	Durable filter (patent)

## Power Requirements

Main Driving Power	15 kW
Heating Power	15 kW
Tractor Driving Power	0.75 kW
Winding Motor Torque	6 N.m

## Physical Dimensions

Dimensions (L×W×H)	5.5m × 2m × 3.5m
Total Weight	1200 kg

## Features

### Key Advantages

- Frequency speed regulation for steady operation
- Energy-saving design
- Low failure rate and easy maintenance
- High-quality 38CrMoAlA screw and barrel
- Rotary die head for even film thickness

### Compatible Materials

LDPE, HDPE, LLDPE