

# Draw Texturing Machine for Synthetic Yarns

This draw texturing machine is designed for high-performance textile processing of synthetic yarns. It utilizes a multi-stage drawing process and precise temperature control to ensure efficient and consistent production.



## Overview

### High-Performance Draw Texturing

The JWFK6-10 is a specialized textile machine designed to transform POY (Partially Oriented Yarn) into DTY (Drawn Textured Yarn) through a precise drawing and twist-untwist process. Engineered for high efficiency, it achieves an annual production capacity of approximately 1500 tons for 167 dtex yarn. The system features an inverter-driven control mechanism with a user-friendly touchscreen interface, allowing for seamless process adjustments and operation.

## Performance Metrics

### Annual Production Capacity

**1500 tons**

Annual Output

### Max Mechanical Speed

1200 m/min

## Technical Specifications

Number of Spindles	240
Winding Method	Drum friction winding (Double cone type)
Package Dimensions	Æ250250 mm
Winding Tube Size	Æ75290 mm

## Power Requirements

### Drive Power Consumption

Component	Power (Approx)
Main Drive (JWFK6-10/FK6-900)	81.5 kW
Main Drive (JWFK6-10A)	68 kW
Main Drive (FK6-12)	78 kW
Auxiliary Drive	16 kW

## Compatibility

Supported Fiber Types	Polyester POY, Polyamide POY
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