

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

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|-----------------------|------------------------------|
| Supported Fiber Types | Polyester POY, Polyamide POY |
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