

Fiber Separator for Textile Manufacturing

This fiber separator is designed for efficient separation of fibers in apparel and textile manufacturing. It is engineered for robust performance and reliability in demanding industrial environments, ensuring optimal fiber processing with minimal energy consumption.



Overview

High-Efficiency Fiber Separation

The FA053A No-power Fiber Separator is an essential component for textile manufacturing, designed to efficiently separate swollen fibers from impurities and short staples. Utilizing an advanced arc plate design with perforated holes, it ensures consistent fiber processing without twisting or tangling. This movable unit is engineered for high-speed operation and integrates seamlessly with blending equipment to enhance overall production quality and efficiency.

Performance Metrics

Production Rate

1500 kg/hour

Production Rate

7500 m3/h

Air Volume Discharged

0.55 kW

Travelling Motor Power

Physical Specifications

Overall Dimensions	1508 x 1809 x 830 mm
Air Inlet Diameter	300 mm

Design & Features

Key Features

- Movable structure for flexible placement
- Smooth arc plate with perforated holes
- No-power separation principle
- Compatible with FA026 Blender

Application Compatibility	Textile Manufacturing, Fiber Processing, Impurity Removal
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