

No-Power Fiber Separator for Textiles

This no-power fiber separator is designed for the apparel and textile industry. It efficiently separates fibers without requiring external power, offering an energy-efficient solution for textile processing.



Overview

High-Efficiency Fiber Separation

The No-Power Fiber Separator is a specialized machine engineered for the textile industry, designed to efficiently separate fibers from impurities and short staples. By utilizing advanced gas flow principles and a perforated arc plate, it ensures high-quality fiber separation without twisting the material. This unit is built for durability and seamless integration into existing production lines, offering an efficient solution for demanding textile processing environments.

Performance Metrics

Production Rate

1500 kg/hour

Production Rate

7500 m3/h

Air Volume Discharged

Travelling Motor Power

0.55 kw

Physical Specifications

Overall Dimensions (LxWxH)

1508 x 1809 x 830 mm

Air Inlet Diameter

300 mm

Features & Design

Key Design Features

- Movable structure for flexible deployment
- Smooth arc plate with perforated holes
- Compatible with FA026 Blender
- Gas flow-based separation technology

Application Compatibility

Textile Processing, Apparel Manufacturing, Fiber Cleaning