

# 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