

Fiber Blending Machine for Textile Processing

This blending machine is engineered for processing various grades of raw cotton, cotton-type chemical fibers, or medium-length chemical fiber blends. It boasts a 600 kg/h production capacity and an efficient dust removal system.



Product Overview

High-Performance Fiber Blending

This advanced blending machine is engineered for the high-efficiency processing of various raw cotton grades, cotton-type chemical fibers, and medium-length fiber blends. It features a robust design optimized for consistent material mixing and dust removal, ensuring superior fiber quality for downstream textile manufacturing processes. Built for industrial-scale operations, it provides reliable performance with precise control over processing parameters.

Key Performance Metrics

Production Capacity

600 kg/h

Output Capacity

5.3 kW

Total Motor Power

Dimensions

4564.5 x 2752 x 4000 mm

Technical Specifications

Beater System

Attribute	Value
Beater Type	Six-tooth steel plate
Diameter	250 mm
Rotation Speed	760 r/min
Model Specification	Fx 13 242-64

Roller System

Attribute	Value
Roller Type	Vane-type
Diameter	200 mm
Rotation Speed	0.05 - 0.83 r/min
Power Rating	0.75 kW

Dust Removal System

Airflow Range	4000 - 4600 m3/h
Dust Removal Capacity	1 kg/h

Application

Suitable Materials

Raw Cotton, Cotton-type Chemical Fibers, Medium-length Chemical Fibers