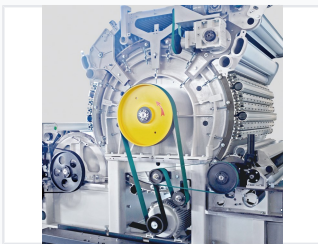


Carding Machine for Fiber Alignment

This carding machine is designed for efficient fiber alignment and impurity removal. It features a robust construction for stable operation and incorporates advanced control systems for precise adjustments.



ADDITIONAL IMAGES



Overview



High-performance textile processing unit designed for efficient fiber alignment.

High-Efficiency Carding System

The JWF1213 Carding Machine is a high-performance textile processing unit engineered for superior fiber alignment and effective impurity removal. Featuring a robust, modular design, it offers exceptional stability and reliability for large-scale textile manufacturing. Advanced control systems, including auto-leveller technology and precise motor-driven components, ensure consistent sliver quality and optimized production throughput.

Key Features

Core Advantages

High Production, Auto-Leveller System, Modular Design, Dust Filtering, Metal Detection, Anti-Winding Protection

Technical Specifications



Robust cylindrical drum construction ensures stability and low thermal expansion.



Advanced control system allowing for precise adjustment of feed rate and speed.

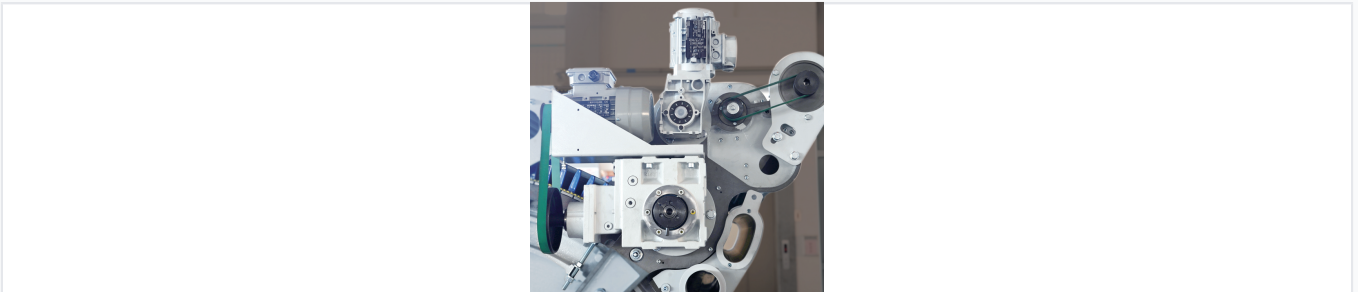
System Components

- Mono-block casting iron cylinder
- New type licker-in carding system
- 6-points gauge system
- Cross apron mechanism
- Stepped entity steel frame

Drive & Control Systems

Component	Drive Method
Cylinder & Licker-in	High torque motor
Doffer	Vector motor
Flat & Brush Roller	Independent vector motor

Maintenance & Safety



Complex assembly of motors and gearboxes designed for efficient fiber processing.

Safety & Protection

- Metal detecting device for cotton feeding
- Anti-winding detecting mechanism for upper/lower rollers
- New type detecting and protecting system

Easy Operation and Maintenance

The machine utilizes a modular design for flexible replacement of components like stationery flats, feed units, and web cleaners. Key parts are constructed from aluminum alloy for light weight and stability. The system is guided by two tooth belts, eliminating the need for complex fastening parts, which significantly simplifies assembly, dismantling, and routine maintenance.