

# Textile Fiber Bale Plucker

This textile fiber bale plucker provides flexible action and reliable precision. It features high automation and intellectualization for convenient control in blowroom and card systems.



## ADDITIONAL IMAGES



## Overview



The JWF1011 unit integrated into a textile production line, showing the plucking arm and suction assembly.

## JWF1011 Reciprocating Bale Plucker

The JWF1011 is a high-performance fiber bale plucker designed for the demanding requirements of modern blowing rooms. It features a robust design optimized for production rates up to 2000kg/h, ensuring reliable precision and high levels of automation. This machine is engineered for flexible action and intelligent control, making it an essential component for integrated blowroom and carding systems.

## Performance Metrics

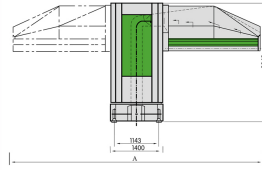
### Performance Highlights

**2000 kg/h**  
Max Production

**2300 mm**  
Working Width

**11.92 kW**  
Total Power

## Technical Specifications



Detailed dimensional drawing of the bale plucker showing clearance and installation heights.

### Technical Parameters

| Parameter               | Value     |
|-------------------------|-----------|
| Blade Number            | 22 PCS    |
| Maximum Bale Height     | 1.6 m     |
| Suction Slot Length     | 16~50 m   |
| Beater Descending Speed | 0.1~20 mm |
| Beater Driven Power     | 8 kW      |
| Dimension A             | 6558 mm   |

## Material Compatibility

|                    |                                     |
|--------------------|-------------------------------------|
| Suitable Materials | Pure Cotton, Chemical Fiber (<76mm) |
|--------------------|-------------------------------------|

## Key Features

### Advanced Features

- Increased beater blade teeth for fine plucking
- Independent double-motor beater drive
- Enlarged beater center distance for smoother tuft transfer
- Star-shape steel disc compressing roller with chain motor drive
- Optimized suction chamber profile for even air distribution
- Enlarged suction slot area for high-volume transportation
- Adjustable grid height to meet varied production needs
- Supports one machine/two lines for three types of material

## Control & Automation

### Control System

- Inverter-controlled beater speed
- High automation and intellectualization
- Integrated control for blowroom and card systems

## Certifications

### Quality Standards

ISO 9001 • Environmental Management System • Occupational Health and Safety