

Automated Dark Spot Sorting Machine

This automated machine efficiently detects and removes dark spots from textiles. It ensures high-quality output through automatic feeding, picking, and packing, processing over 5kg per hour.



Overview

Automated Dark Spot Sorting Excellence

This high-tech sorting machine is designed for the efficient identification and removal of dark spots in down materials, ensuring premium quality for textile production. Featuring a fully automatic process from feeding to packing, it operates 24 hours a day to maximize throughput and minimize manual labor. With high-resolution image identification and the ability to recycle dark down, this system offers a sustainable solution with a rapid return on investment.

Performance Metrics

Key Performance Metrics

8 kg/h

Max Work Efficiency

24 hours

Daily Operation

6 months

ROI Period

Technical Specifications

Electrical & Power

Parameter	Value
Voltage	380V
Max Power	4KW
Air Compressor Power	5KW

Pneumatic Requirements

Feature	Specification
Air Pressure	0.5 - 0.8 MPa
Air Tank Capacity	0.65 m ³ /min
Gasholder	>0.6 m ³

Physical Properties

Dimensions	6.21 x 2.55 x 2.9 m
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Operational Features



The machine features advanced image processing and precision sorting components for high-quality textile output.

Automation Capabilities

- Automatic material feeding
- High-tech image identification
- Precision dark spot picking
- Automated packing for white and dark down
- Continuous 24-hour operation

Build Quality

Strong Design • Clean Construction • Industrial Grade

Process Benefits

High-Speed Sorting, Material Recycling, Quality Assurance, Labor Reduction, Waste Minimization