

High-Speed Four-Shuttle Circular Loom

This high-speed circular loom features a suspending design with four shuttles for efficient weaving. It produces smooth and high-quality fabrics with increased speed and reduced wear.



Product Overview

High-Speed Circular Weaving Technology

This high-speed suspending four-shuttle circular loom is engineered for efficient and precise production of tubular fabrics. Utilizing an advanced oil-free cam system, it eliminates common wear issues associated with shuttle wheels, significantly extending component lifespan. The machine features a user-friendly touch screen interface, energy-efficient motor technology, and automated data logging to ensure consistent, high-quality output for industrial textile manufacturing.

Performance Metrics

Max Speed (Recycled Material)

220 r/min

Rotational Speed

Max Speed (New Material)

250 r/min

Rotational Speed

Technical Specifications

Key Machine Features

- Oil-free cam design
- Color touch screen control
- Dust-covered swing lever
- High-sensitivity weft-breaking/ending detector
- Suspending shuttle wheel device
- Automated production data recording
- Office network connectivity

Motor Power

2.2 kw

Motor Type

DC variable frequency

Operational Benefits

Maintenance & Efficiency

Feature	Benefit
Suspending Device	Increases shuttle wheel lifespan to >1 year
Variable Frequency Motor	Saves power by more than 15%
Dust Cover	Doubles swing lever lifespan
Dynamic Adjustment	Fabric density adjustable without stopping machine

Compliance & Certification

Patents	ZL201310737523.X
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