

Tire Bead Apexing and Flipping Machine

This specialized machinery precisely applies apex rubber to tire beads. It flips the beads to ensure proper adhesion and alignment, enhancing tire uniformity and performance.



Product Overview

High-Efficiency Tire Bead Processing

This specialized machine is designed for the precise application of apex strips and chafer to tire beads, supporting both full-steel and semi-steel radial tire production. By automating the positioning and flipping of apex rubber, the system significantly enhances tire uniformity, handling, and overall durability. Its integrated design and robust control system ensure a seamless manufacturing process with minimal material waste and high production efficiency.

Technical Capabilities

Application Scope	Full-steel Radial Tires, Semi-steel Radial Tires, Apex Strip Application, Chafer Application
Process Flexibility	Features adjustable parameters to accommodate various tire sizes and apex rubber specifications.

System Components

Core Components

- Extruder
- Accumulator
- Chafer let-off device
- Cutter
- Splicer

Performance Features

Operational Advantages

High Automation • High Efficiency • Simple Operation • Precise Alignment • Material Waste Reduction

Build Quality	Durable construction designed for reliable operation in modern tire manufacturing facilities.
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