

Hexagonal Double Wire Bead Winding Machine for Rubber Processing

This hexagonal double wire bead winding machine is designed for specialized rubber processing. It ensures precise and consistent bead formation through its arrangement of rollers, guides, and tensioning mechanisms.



Product Overview

High-Precision Bead Winding Technology

This hexagonal double wire bead winding machine is engineered for high-efficiency rubber processing. The system features an integrated let-off unit with preheating capabilities, followed by rubber coating and a high-capacity festoonery storage system capable of holding up to 140 meters of wire. The winding unit utilizes a comprehensive sequence of stretching, supplying, clamping, and precise rotating speeds to ensure consistent bead formation.

Technical Capabilities

Operation Sequence

- Stretching
- Supplying
- Clamping
- Pressing
- Rotate Start Calculating
- Rotating (Slow–Fast–Slow)
- Stopping
- Cutting
- Mold Withdraw
- Bead Clamping
- Bead Placing

Festoonery Storage Capacity

140 m

Machine Components

Key Processing Features

Preheating System • Rubber Coating Integration • Hexagonal Bead Capability • Double Wire Processing

Winding Unit Assembly

Power Plant, Bead Former Separating Unit, Bead Former Closing Unit, Collating Unit, Adjusting Device, Cutting Device, Supplying Device, Buffered Device, Discharge Device