

Hexagonal Double Wire Bead Winding Machine

The Hexagonal Double Wire Bead Winding Machine is designed for winding hexagonal beads using a double wire method. It is built with a heavy-duty construction and includes multiple winding stations for consistent bead formation.



Overview

Precision Bead Winding Solution

This specialized hexagonal double wire bead winding machine is engineered for high-volume rubber processing environments. It features a robust, heavy-duty steel construction designed for consistent bead formation and operational reliability. The integrated system manages the entire process from wire preheating and rubber covering to precise winding, cutting, and discharge.

Technical Specifications

Operational Sequence

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

Maximum Wire Storage

140 m

Machine Components

Wire Handling System

- Let-off unit
- Heating system
- Rubber covering unit
- Festoonery storage

Winding Unit Components

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

Operational Features

Safety & Control

Integrated Control Panel • Safety Indicator Light • Automated Winding Control