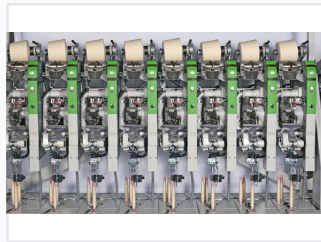
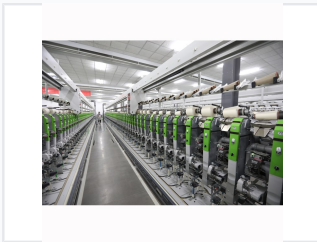


# Automatic Yarn Winding Machine with Tray

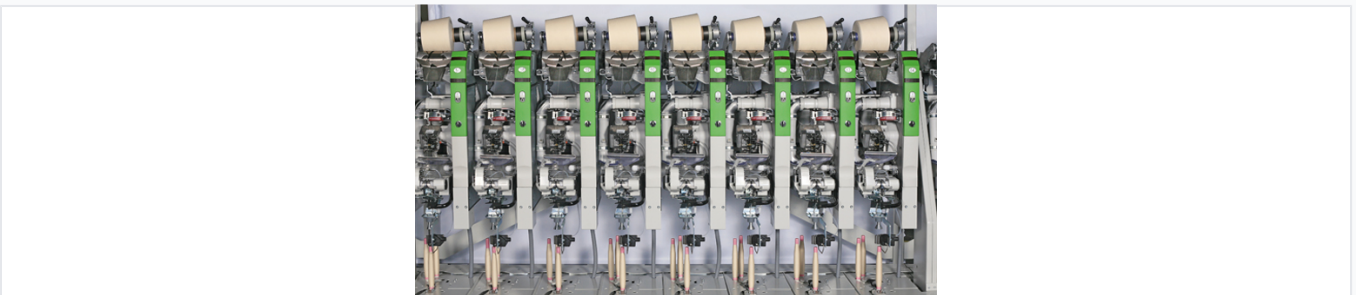
This automatic yarn winding machine features a tray and is designed for a range of yarn counts. It offers stable performance and winds yarn into perfect packages, adapting to various yarn types with convenient operation.



## ADDITIONAL IMAGES



## Overview



High-speed winding unit designed for precise package formation and consistent tension.

### Next-Generation Automatic Yarn Winder

The VCRO-E is a high-performance automatic yarn winding machine designed to meet diverse textile requirements from Ne.6 to the highest yarn counts. Featuring a tray-based bobbin treatment system and up to 72 spindles, it delivers stable performance and creates perfect yarn packages. This intelligent solution integrates advanced doffing units and flexible logistics to ensure high efficiency and ease of operation for professional textile manufacturers.

## Technical Capacity

Maximum Spindles	72 pcs
Yarn Count Range	Ne.6 to highest count

## Doffing Performance

### Performance Metrics

**60 m/min**

Traverse Speed

**13.5 s**

Doffing Cycle

**320 mm**

Max Package Diameter

### Doffing Unit Features

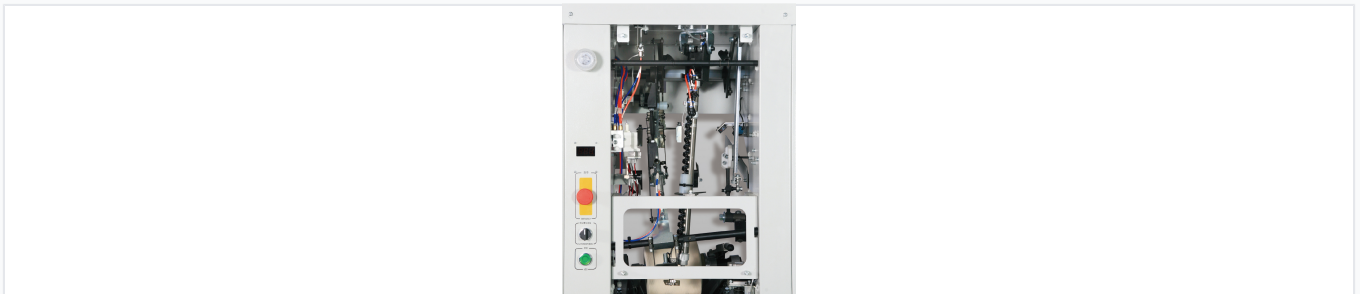
- Intellectualized single spindle automatic re-start
- Adjustable piecing yarn fixing position
- Smart judgment of bobbin and package existence
- Manual and automatic doffing adjustment options
- Automatic package transportation
- Pre-full wait package function for trolley efficiency

## Bobbin Treatment

### Logistics & Handling

- Multi-channel logic judgment for interference-free treatment
- Automatic conveyor loop for empty bobbin return
- Automatic identification of empty vs. skinny bobbins
- Compatible with various bobbin dimensions and specifications
- Independent single belt drive for full and empty bobbins

## Control & Safety



Intuitive control interface featuring emergency stop, manual/auto reset, and jog adjustment controls.

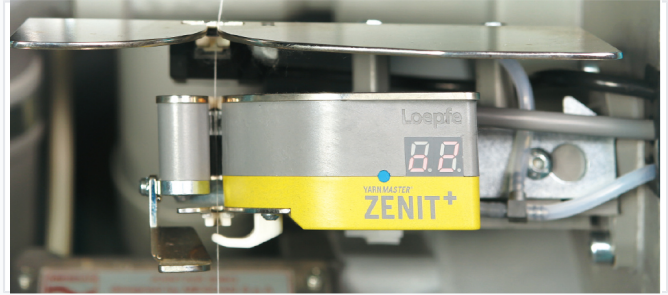
### Control Features

Emergency Stop, Manual/Auto Reset, Jog Control, Electronic Yarn Break Sensors, Programmable Tension Control

## Advanced Clearing



Integrated smart clearing sensors for real-time defect detection and yarn quality monitoring.

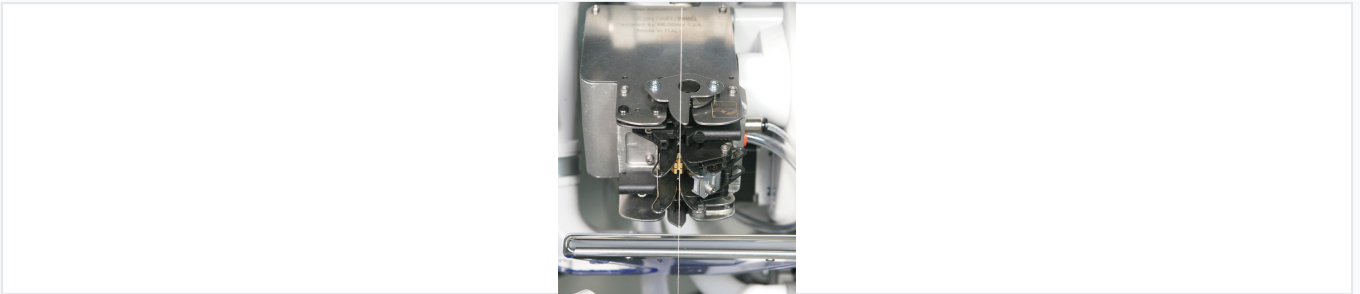


Sophisticated yarn monitoring system ensuring high-quality production by removing imperfections.

## Precision Yarn Clearing

The machine supports advanced smart clearing technologies and sophisticated sensor arrays for precise defect detection. These systems monitor yarn quality in real-time, identifying and removing imperfections during the winding process to ensure high-quality output suitable for demanding industrial environments.

## Construction



Durable internal winding mechanisms featuring advanced tension control and electronic detection.

## Design & Build

Modular Design • Pneumatic Components • Belt Deflection Adjustment • Robust Construction