

Aluminum Rim Wheel Punching Machine

This automated machine is designed for punching aluminum rims and wheels with precision. It utilizes a rotary indexing system and PLC control for efficient, high-volume production.



Overview

High-Efficiency Rim Punching Solution

The Aluminum Rim Wheel Automatic Punching Machine is a specialized industrial automation solution engineered for high-volume, precision punching of aluminum rims and wheels. It utilizes a robust rotary indexing system with multiple punching stations to enable simultaneous operations, drastically reducing cycle times. Designed for demanding manufacturing environments, this machine combines reliable hydraulic performance with intuitive PLC and HMI controls for consistent results.

Technical Specifications

Control System	PLC with Human-Machine Interface (HMI)
Punching Mechanism	Rotary indexing system with multiple stations
Power Source	Hydraulic power unit

Safety & Compliance

Safety Features	Light curtains, Emergency stop buttons
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Operational Features

Operational Advantages

- Simultaneous multi-station punching
- Reduced cycle times
- Precise control over force, speed, and depth
- Minimal maintenance requirements
- Ease of operation