

# Automatic Metal Riveting Machine

This machine is equipped with original pneumatic components and precision slide rails. It utilizes a programmable logic controller (PLC) and a human-machine interface (HMI) for control.



## Overview

### Fully Automated Riveting Solution

This automatic metal riveting machine is engineered for high-speed, precision assembly operations. Designed for efficiency, it features an automated material loading system that handles seven different parts, completes the riveting process, and unloads finished components without manual intervention. The system integrates advanced PLC control with an intuitive touch screen interface to ensure consistent quality and ease of operation.

## Technical Specifications

### Automation Capabilities

- Automatic material loading
- Automatic material induction
- Automatic unloading
- Material shortage detection
- Capacity prediction and recording

### Component Materials

S136 Precision Mold, SKD11 Cutter Parts, Aluminum Profile Frame

## Control & Safety

### Safety Features

Emergency Stop • Interlocked Access Panels

### Control Interface

PLC-based touch screen operation interface

### Alarm System

Yes

## Design & Mobility

### Mobility

Casters with leveling feet