

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