

Automatic Round Pin Connector Assembly Machine

This machine automatically assembles round pin rectangle connectors through plugging and bending. It features a programmable logic controller for precise control and accommodates various connector sizes.



Overview

High-Precision Assembly Solution

This full-automatic plugging and bending machine is designed for the efficient assembly of round needle rectangle connectors. It automates essential processes including loading, plugging, bending, and detecting, ensuring high precision and consistent output. With a programmable logic controller and intuitive interface, this machine provides a reliable and versatile solution for modern industrial connector manufacturing.

Technical Specifications

Construction Materials

- S136 Precision-ground mold
- SKD11 Cutter parts
- THK precision slide rail
- Original pneumatic components

Automation Features

Automatic Loading, Servo-controlled distance adjustment, Automatic Inserting, Automatic Bending, Automatic Detection

Control & Monitoring

Intelligent Features

- Automatic alarming system with diagnostic messaging
- Material induction and low-material detection
- Production capacity prediction and recording
- Adjustable bending angle and delay time parameters

Control System

PLC touch screen operation interface