

PLM-MFQ-1

Automatic Sealing Ring Cutting and Bonding Machine



Features

- **High-efficiency production.** 1200–3000 pieces/hour, cycle time 12–35 s.
- **Easy operation.** Touchscreen with full Chinese support for settings, recording, and alarms.
- **High adaptability.** Handles various shapes (mold change required), lengths 250–1000 mm.
- **High degree of automation.** Automatic sensing, feeding, positioning, cutting, gluing, docking, heating, unloading.
- **Stable and reliable.** High-quality components (Airtac cylinders, Hechuan servos, Delta/Xinje PLCs) ensure smooth, precise operation.

Applications

- **Used for producing various sealing rings.** Suitable for high-efficiency, high-precision bonding applications.
- **Truck air filter seals.** Offers automated cutting and bonding, improving efficiency and consistency.

Specification

- **Product Name:** PLM-MFQ-1
- **Product Size Range:** 250–1000 mm (Length)
- **Applicable Shapes:** Circular, square, rectangular, and custom shapes (with mold change)
- **Adjustability:** Easily adjustable to different product specifications within a certain range
- **Feeding System:** Automatic sensing and fast feeding; operator only loads materials and glue
- **Production Cycle:** 15 rings per cycle
- **Cycle Time:** 12–35 seconds per cycle (depending on product length)
- **Hourly Output:** 1,200–3,000 pieces/hour
- **Positioning Accuracy:** High precision, fast, and stable operation
- **Work Process:** Automatic feeding → conveying → cutting → gluing → jointing → heating → unloading
- **Machine Dimensions (L × W × H):** 7000 × 1800 × 2000 mm

