

Semi-Automatic Sausage Linker (Touchscreen)

Model: ZT-ZXC80 | Product Manual (English)

1. Product Overview

Semi-automatic linker with touchscreen and servo control. Supports manual and automatic linking modes for higher efficiency and easier parameter setting.

- SUS304 stainless steel; compact and efficient.
- Touchscreen + servo control with manual and auto linking modes.
- Direct HMI for linking speed, turns, pause time and production counting.
- High cost performance versus traditional automatic linkers; easy to clean and maintain.

2. Technical Specifications

Item	Specification
Applicable casing diameter	φ9–45 mm
Link length	30–300 mm
Power supply	220V 50Hz
Linking speed	Approx. 10–80 links/min (adjustable)
Dimensions (L×W×H)	1100 × 500 × 900 mm
Weight	Approx. 60 kg

3. Working Principle

Power on for system initialization, then set parameters. After clamping casing under the pressure plate, use Manual mode to set axis speeds, then switch to Auto mode for continuous production at the configured speed.

4. Operation & Settings

- Pause time: unit 0.1 s; set according to process rhythm.
- Linking turns: adjust with + / – keys, typically 2.5–4 turns.
- Linking speed: set by levels according to product and process.
- Manual screen: jog each motor independently.
- Auto screen: run automatic production with configured parameters.

5. Adjustments

- Load thread as shown in the diagram.
- Adjust scissors height and length stop position.

6. Maintenance

- Lubricate moving mechanisms and scissors shafts regularly.
- Clean after production and keep dry.

7. Safety Precautions

- Power supply is ~220V. Do not connect to 380V.

- The machine contains precision electrical components. Do not rinse the control cabinet with water.
- Do not dismantle or modify the machine without authorization.
- Perform regular lubrication and maintenance. Keep the machine clean.
- Do not touch moving parts (especially the linking / take-off wheels) while the machine is running.
- Ensure reliable grounding of the equipment.
- Unauthorized modification of the machine is prohibited.

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