

Single-Lane Fully Automatic Sausage Linker

Model: ZT-ZX120 | Product Manual (English)

1. Product Overview

Fully automatic single-lane sausage linker for stable daily production with precise length control.

- Electric automatic linking with safety interlock cover.
- Advanced linking mechanism and automatic tensioning for consistent results.
- Stainless-steel body; compact, efficient and easy to clean.
- High-precision CNC parts and modular design for easy maintenance.
- Factory tested at rated and overspeed conditions.

2. Technical Specifications

Item	Specification
Applicable casing diameter	φ9–40 mm
Link length	10–300 mm
Power supply	Single-phase 220V 50Hz
Linking speed	Approx. 10–140 links/min
Dimensions (L×W×H)	1060 × 620 × 1120 mm
Motor power	250 W

3. Working Principle

Power on and wait for control system initialization and homing. Set length, turns and speed for the product. With indicators ready, press Start to run and Stop to finish.

4. Operation & Settings

- Each link length: adjust via the length dial (mm); calibrate with real product.
- Linking turns: set on the touchscreen, typically 2.5–4 turns.
- Linking / take-off speed: about 10 levels; set according to product.
- Manual screen: jog each axis independently for setup.
- Auto screen: shows parameters and supports automatic production.

5. Adjustments

- Load cotton thread according to the threading diagram.
- Adjust scissors opening height with the fixing screw.
- Adjust take-off wheel clearance to match sausage diameter.

6. Maintenance

- Regularly lubricate moving mechanisms, guide rails and scissors shafts with oil.
- Apply grease to the take-off wheel shaft surfaces as needed.
- Keep the machine clean after each shift to extend service life.

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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