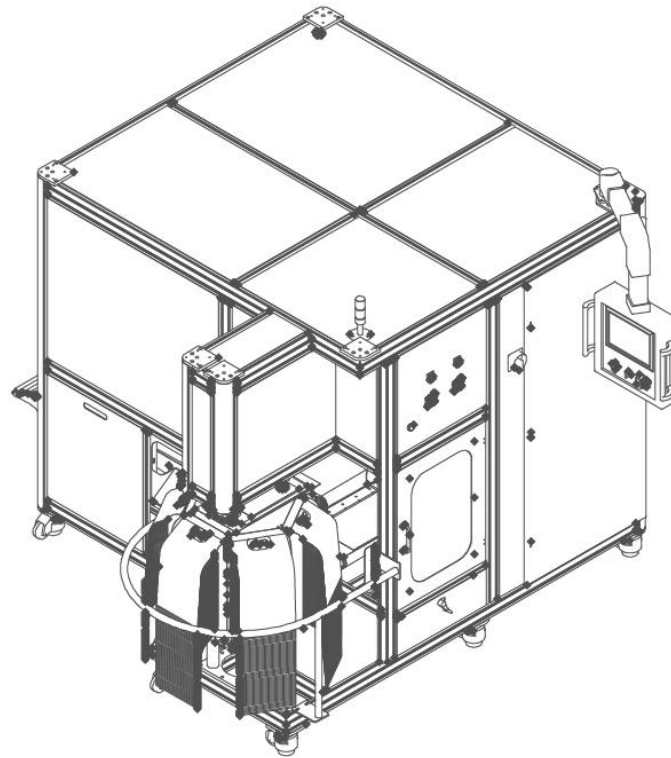




TD-A9-T

Full Auto Smart Bagging Machine Introduction Manual

Application scope



Coarse Grains



Nuts, Seeds



Pet feeds、Cat litter



Chemical Granulars

Packaging application scope: It is suitable for vacuum packaging of granular materials in fields such as grain, cat litter, and pet feeds, etc.

Performance characteristics

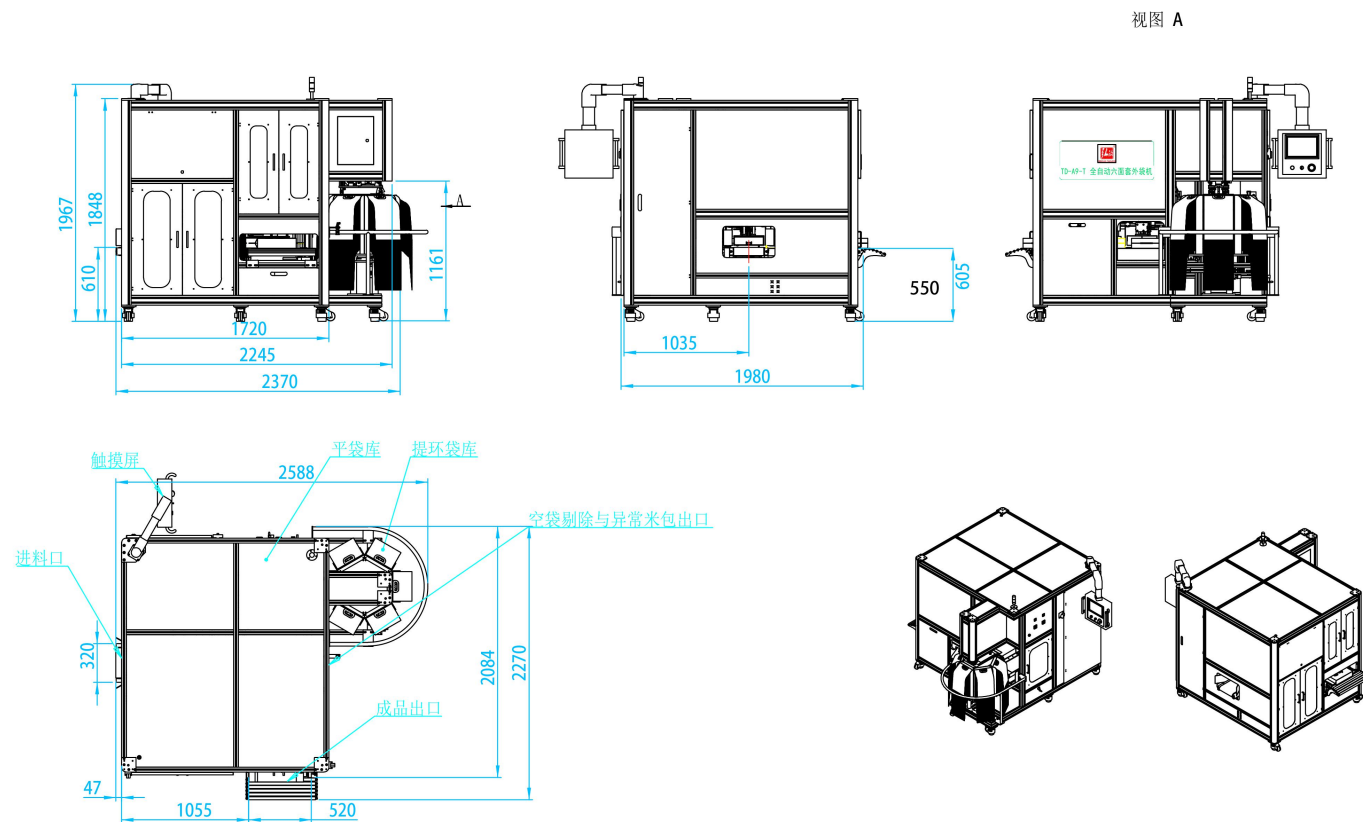
1. Wide Packaging Range: Capable of truly achieving full-size packaging from 0.5 kg to 5 kg, suitable for bags with or without hand holes.
2. High Automation Level: After manual bag placement, the equipment can automatically complete the bagging and sealing process, making operation convenient and simple. It adopts a touch screen and PLC centralized control system, with servo control for the drive mechanism, ensuring a high degree of automation. When switching between different specifications, it allows for rapid specification changes and can automatically and swiftly adapt to packaging of different specifications, meeting the requirements of flexible production. After saving the corresponding recipe, a one-touch switch enables the equipment to automatically adjust, without the need to replace any components, achieving automatic product changeover within one minute.

Performance characteristics

3. The equipment features bagging and sealing mode, bagging without sealing mode, and conveying mode: All modes have a single inlet and outlet. Additionally, there are two types of conveying modes: ordinary conveying and converging-belt with soft-detection conveying.
4. The equipment has upstream and downstream connection capabilities: It can seamlessly interface with vacuum equipment to ensure continuous and controllable material discharge, forming a high-end, intelligent automated packaging production line.
5. It is equipped with soft package rejection functionality: Capable of intelligently and precisely rejecting soft packages to avoid unnecessary outer bag waste and ensure equipment stability.
6. The bag magazine has a large capacity and a wide range of applicability: It utilizes a six-bag magazine for cyclic use, allowing bags to be added at any time during the production process. It can be configured to use a loop handle magazine or a non-loop handle magazine based on requirements.
7. The equipment has self-diagnostic alarm and prompt functionality: Faults can be quickly resolved based on fault prompts. Servo abnormalities can be directly resolved on the screen without the need to power off, making maintenance simple and convenient.

Equipment sample drawing

尺寸	0~6	6~30	30~120	120~400	400~1000
未注公差	±0.1	±0.2	±0.3	±0.5	±0.8



Equipment parameters

Name	Technical Parameters
Rice Brick Authorized Dimensions	Front Width: 75 - 235mm Thickness: 36 - 85mm Height: 75 - 330mm
Packing Capacity	Regular Bags: 900 - 1000 Bags/Hour Loop Handle Bags: 850 - 950 Bags/Hour
Bag storage capacity	Dual-mode Bag Magazine, Regular Bags: Approx. 250 Bags, Loop Handle Bags: Approx. 360 Bags
Power Supply	AC380V Three-phase Five-wire System, 5kW
Air Consumption	0.6MPa, 0.35m³/min
Working Temperature	0 - 40°C, Relative Humidity: <90%
Equipment Dimensions(LxWxH)	2627×2190×2018mm

Finished product rendering



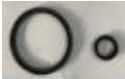
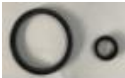
Color diagram of the equipment (subject to the actual product)



Configuration list

No.	Product Name	Brand	Category
1	PLC (Controller)	Mitsubishi	Electrical Part
2	Touch Screen	Megmeet	
3	Low-voltage Electrical	Panasonic (Japan)	
4	Thermostat	Fuji Electric (Japan)	
5	Photoelectric Switch	Omron (Japan)	
6	Proximity Switch	Omron (Japan)	
7	Terminal Block	Weidmüller	
8	Relay	Omron (Japan)	
9	Pneumatic Cylinder	SMC (Japan)	Mechanical Part
10	Solenoid Valve	SMC (Japan)	
11	Servo Motor	HCFA/Panasonic	
12	Linear Guide and Block	TBI	
13	Bearing	NSK (Japan)	

List of Vulnerable and consumable parts

No.	Name	Model	Quantity (per year)	Illustration
1	Bag Pick-up Suction Cup	GBLP-30S	6 pieces	
2	Bag Opening Suction Cup	Piab Blue Suction Cup F33 (Imported Material)	8 pieces	
		Parka Blue Suction Cup BK33X (Domestic)	8 pieces	
3	Electric Heating Rod	400W 10 × 310	2 pieces	
4	Thermocouple	K-Type	2 pieces	
5	Sealing Ring	SAI32	2 sets	
		SAI63	2 sets	

List of Vulnerable

No.	Name	Model	Quantity (per year)	Illustration
6	Relay	RXM2LB2BD	4 pieces	
7	Fuse Core	6A	1 piece	
8	Solid State Relay	G3NB-220B-1	2 pieces	
9	Negative Pressure Gauge	KP47P	2 pieces	
10	Thermostat	PXE4TCY1-1Y000	2 pieces	
11	704 Silicone Sealant	704	4 bottles	
12	Drag Chain	25	2 pieces	

Random Items List

Accessory	Quantity/Specification	
A set of random tool	Each type one piece	Solid wrench 5-7mm, 8-10mm, 12-14mm, 13-15mm, 17-19mm
		Box wrench 13-15mm
		Combination Screwdriver
		Adjustable Wrench
		2mm Flathead Screwdriver
		3mm Flathead Screwdriver
		Internal Circlip Pliers
		External Circlip Pliers
		10mm Elbow Socket
	A set of Allen Wrenches	
Fuse Core 6A	2 pcs	
704 Silicone Sealant	1 bottle	
601 Elbow Air Nozzle	2 pcs	
602 Elbow Air Nozzle	2 pcs	
6M5 Elbow Air Nozzle	4 pcs	

随机物品清单

Accessory	Quantity/Specification
6M5 Adjustable Air Nozzle	4 pcs(For Electronic Scale and Bag Supporting Cylinder)
401 Adjustable Air Nozzle	2 pcs(For Electronic Scale)
Electric Heating Rod	2 pcs(10*270)
Thermocouple	2 pcs(0.6 meters)
White Bag Opening Suction Cup (SGP20S)	30 pcs
Red Bag Opening Suction Cup (VB20S)	4 pcs
Set of Air Tubes	1 set16 Air Tubes, 5 Meters Long
Instruction Manual	1 copy
Vacuum Pump Instruction Manual	1 copy
Certificate of Conformity	1 sheet
Installation and Debugging Card	1 sheet

Thank you!