



DZX-600

Semi Auto Flat Shape Vacuum Packing 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. Manual sitting-position bagging, with a high-speed, multi-station cycle, achieves functions such as automatic weighing, automatic vacuum extraction, automatic sealing, automatic shaping, and automatic output of finished products. The bagging method is simple, with low labor intensity, allowing workers to operate for extended periods without fatigue and without affecting production output; whereas manufacturers in the industry commonly use dual-station setups, requiring workers to bend significantly during bagging, resulting in high labor intensity, fatigue, and reduced production output.
2. The use of a 10-kg dual-scale system with cyclic metering and feeding, combined with high-precision vibration-controlled multi-stage feeding technology, ensures fast and accurate weighing; exclusive patented technology ensures that metering accuracy is unaffected by voltage fluctuations.
3. Controlled via a large-sized Chinese touchscreen, it can store ten sets of specification parameters for easy direct recall; changing packaging specifications is straightforward and clear.

Performance characteristics

4. This machine is equipped with a high-power vacuum pump and an air storage tank, effectively enhancing the vacuum extraction speed and increasing production output.
5. International first-class electrical components are utilized, ensuring more stable and reliable performance.
6. The electrical control system meets IP4 standards, providing greater equipment safety assurance, with separate wiring for weak and strong current lines that are not exposed.
7. It features extremely simple operation, rich software functions, flexible recipe settings, a multi-level user permission management mode, and the ability to switch between different packaging specifications with a single button.
8. It offers powerful functionality, allowing for the choice between vacuum packaging, sealing without vacuum extraction, or simply weighing and metering.

Equipment parameters

Name	Technical Parameters
Packing Range	0.5-10.0KG (measured in terms of rice)
Packing Capacity	Approximately 500-600 bags/hour (varies with different materials)
Packing Accuracy	±2g
Division Value	1g
Power Supply	AC380V, Three-phase-five-wire system,5.5Kw
Air Consumption	0.6MPa, 0.4m ³ /min
Measuring method	High precision electronic quantitative scale
Working Temperature	0-40°C, Relative Humidity: < 90%
Equipment Dimensions(LxWxH)	1553*2465*2590.5mm

Finished product rendering



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



Configuration list

Number	Name	Brand
1	PLC	Megmeet
2	Vacuum Pump	ZD/Joysun
3	Contactor	Schneider
4	Temperature controller	Fuji (Japan)
5	Cylinder	AirTAC
6	Solenoid Valve	Mindman (Taiwan)
7	Slide rail and slider	TBI
8	Terminals	Weidmuller
9	Solid State Relay	Omron (Japan)
10	Button	Schneider (France)
11	Photoelectric Switch	Omron (Japan)/Autonics (South Korea)
12	Motor	JSCC、Defan
13	Miniature Relay	Schneider (France)

Thank you!