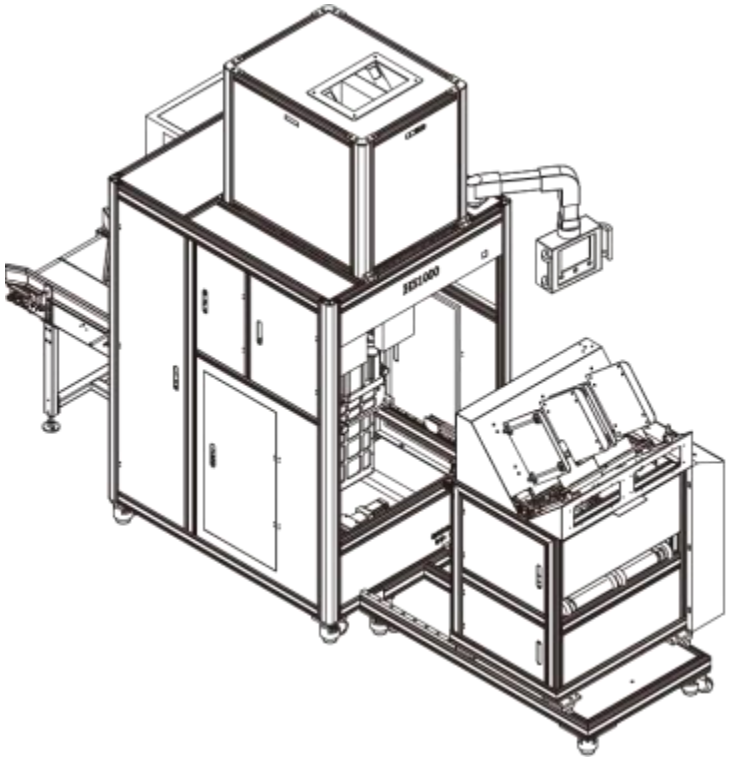
HIGH-MADE



HS - 1000

Fully Auto Brick 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. Integrated automation for bag loading, bag feeding, metering, filling, shaping, vacuuming, and finished product output.
2. Features a large vacuum chamber design, enabling a single workstation to produce two bags simultaneously, thereby enhancing production efficiency, reducing equipment size, and improving space utilization.
3. Utilizes fixed molds to accommodate packaging specifications ranging from 300g to 5000g, meeting diverse customer requirements.
4. Employs three-stage feeding technology with high-precision electronic weighing scales, ensuring minimal error margins, controllable within ±2g.
5. Features a multi-bag reservoir continuous cycle system

circulation system, allowing the number of bags in the storage system to be increased as needed, reducing the frequency of bag placement, and significantly improving production efficiency.

Performance characteristics

6. Utilizes automatic bag positioning technology upon delivery to ensure smooth bag opening.

7. Utilizes automatic rejection technology. If bag opening fails at the bag position, it can be automatically rejected without manual intervention. After automatic rejection, the bag supply system operates independently, without affecting the normal operation of the bag storage system on the other side.

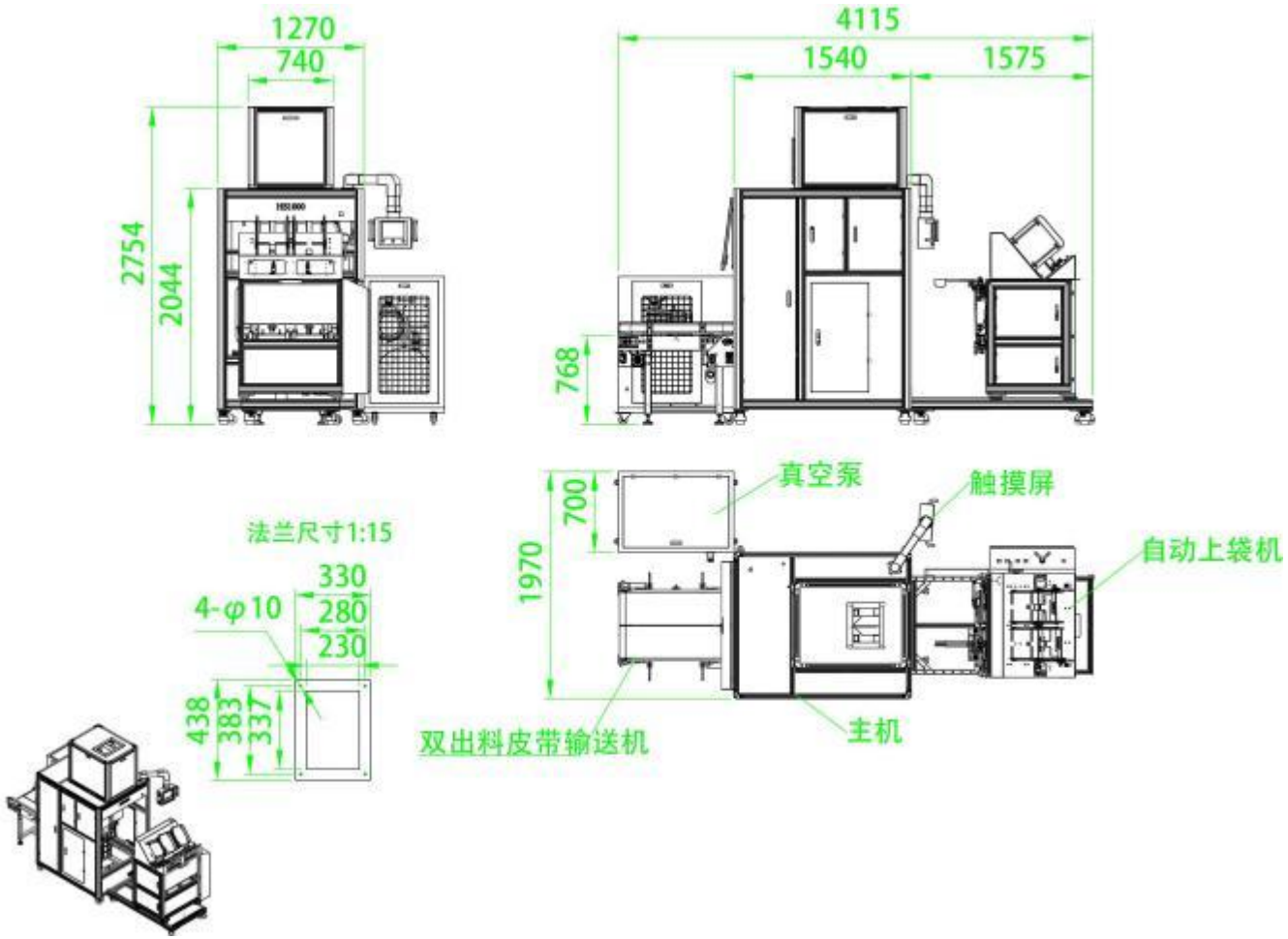
8. Flexible production with seamless switching between fully automatic and semi-automatic production modes, offering high operational flexibility and enhanced production flexibility.

9. Innovative automatic bag removal technology reduces waste and ensures continuous production.

10. Utilizes smart IoT technology to enable remote operation and remote upgrades, while also featuring Siemens DP communication for digital workshop management.

11. Uses memory formulas to save parameters for different specifications. When in use, simply switch formulas with a single button press for convenient and hassle-free operation.

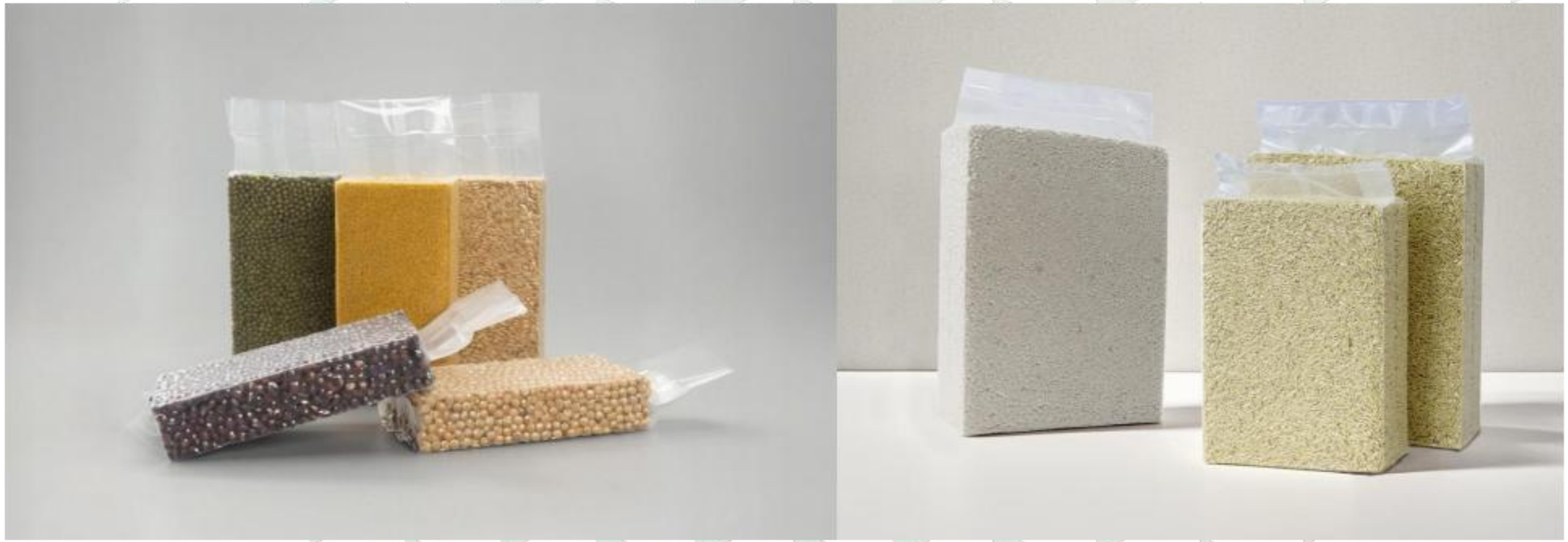
Equipment sample drawing



Equipment parameters

Model	HS-1000 Fully Auto Brick Shape Vacuum Packing Machine
Packing Range	0.3-5.0Kg
Packing Capacity	900-1100 bags/hour
Power Supply	AC380V Three-phase-five-wire system, 7.5KW
Air Consumption	0.5Mpa,0.36 m^3/min
Bag Storage Capacity	≈400 pieces
Working Temperature	0-40℃
Relative Humidity	＜90％
Measuring method	High precision electronic quantitative scale
Division Value	1g
Applicable Packaging Materials	Customized composite film packaging bags
Vacuum degree	Relative vacuum -0.06~-0.08Mpa
Equipment Dimensions(LxWxH)	1970*4114*2754mm

Finished product rendering



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

Configuration list

No.	Item Name	Brand
1	PLC	Inovance(China)
2	Contactor	Schneider Electric (France)
3	Temperature Controller	Fuji Electric (Japan)
4	Digital Low Pressure Gauge	Panasonic (Japan)
5	Digital Positive Pressure Gauge	Kita (Taiwan)
6	Pneumatic Cylinder	AirTAC(Taiwan)
7	Solenoid Valve	AirTAC(Taiwan)
8	Linear Guide & Slider Block	CHTR (China)
9	Terminal Block	Weidmüller (Germany)
10	Solid State Relay (SSR)	Omron (Japan)
11	Photoelectric Switch	Omron (Japan)/Autonics (Korea)
12	Motor	Motech (Taiwan)
19	Switching Power Supply	Mean Well (Taiwan)

13	Load Cell Sensor	Keli (Ningbo)
14	Servo Motor	Inovance(China)
15	Fiber Optic Sensor	Omron (Japan)
16	Miniature Relay	IDEC (Japan)
17	Limit Switch	Omron (Japan)
18	Vacuum Pump	Zhongde (China)