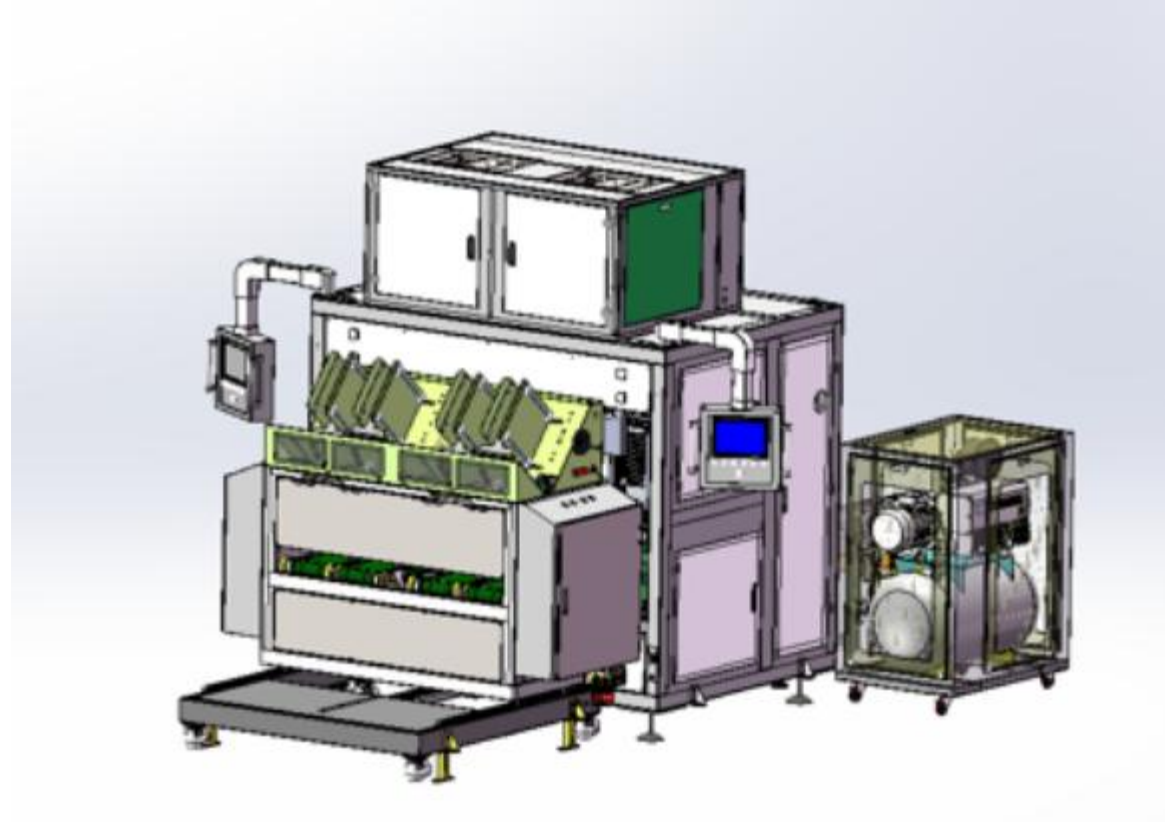




HS - 2000

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.

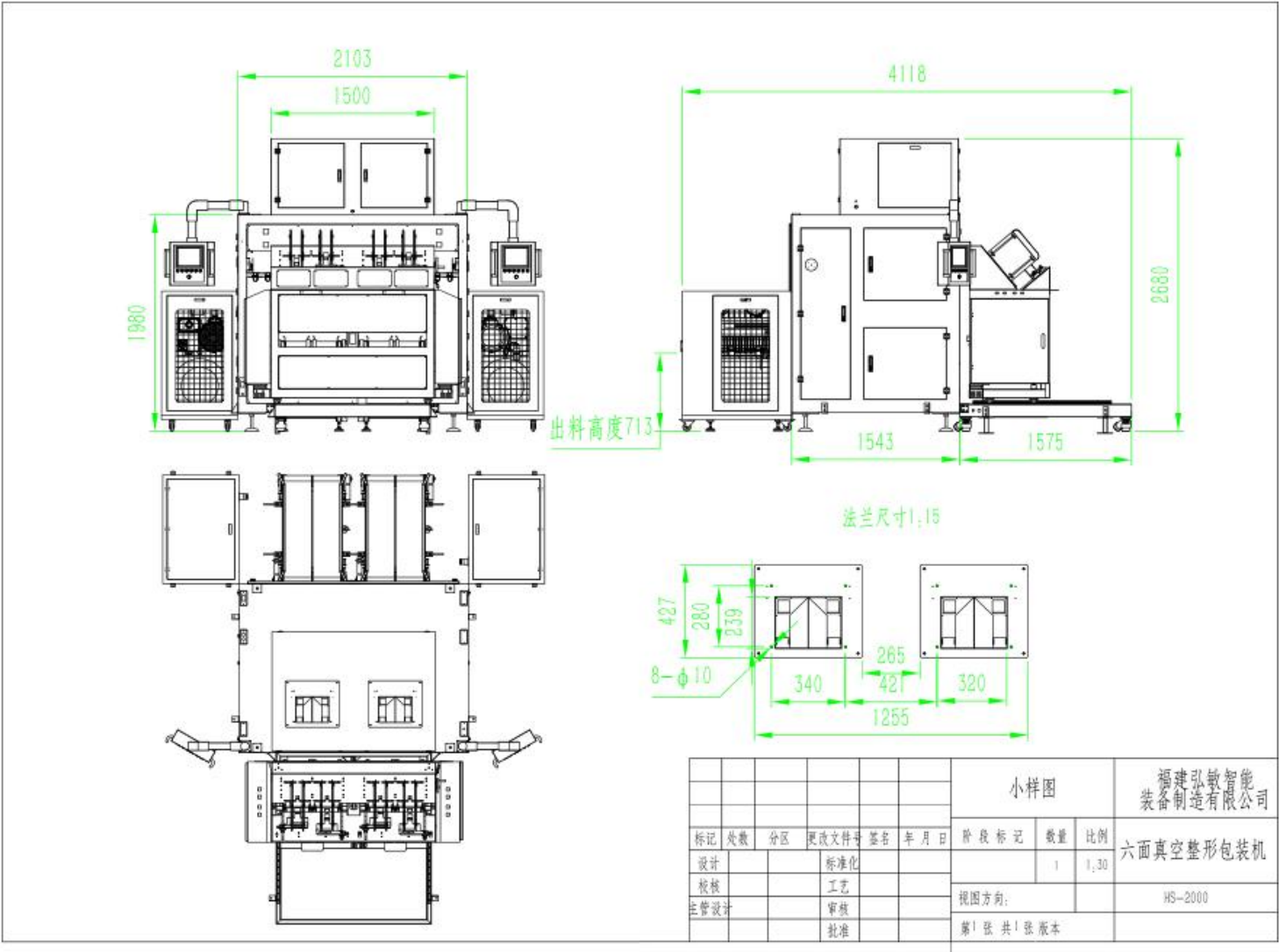
Performance characteristics

1. Automated bagging, feeding, metering, filling, shaping, vacuuming, and finished product output are integrated;
2. Adopting a dual station large vacuum box design, it can simultaneously produce four packages, improve production efficiency, reduce equipment size, and increase site utilization.
3. Using fixed molds to achieve packaging sizes ranging from 300 grams to 2500 grams, with a speed of up to 2000 packages per hour;
4. Adopting three-level feeding technology and high-precision electronic quantitative scale, the error range is small and can be controlled within $\pm 2\text{g}$;
5. Adopting a continuous cycle of multiple bag warehouses, the number of bags used can be increased at any time, reducing the frequency of bag placement and greatly improving production efficiency;
6. Adopt automatic bag alignment technology to ensure smooth bag opening;

Performance characteristics

7. Adopting automatic removal technology, if the bag opening fails, it can be automatically removed without manual intervention. After automatic removal, the bag supply system will operate on its own without affecting the normal operation of the bag storage on the other side;
8. Flexible production allows for free switching between fully automatic and semi-automatic production modes, with strong operational flexibility and greater assurance for flexible production;
9. Unique automatic unpacking technology to reduce losses and ensure continuous production;
10. Adopting smart IoT technology to achieve remote operation and upgrade, while configuring Siemens DP communication to achieve digital management of the workshop;
11. Adopting a memory formula to save parameters of different specifications, only one click formula switching is needed during use, making operation convenient and worry free.

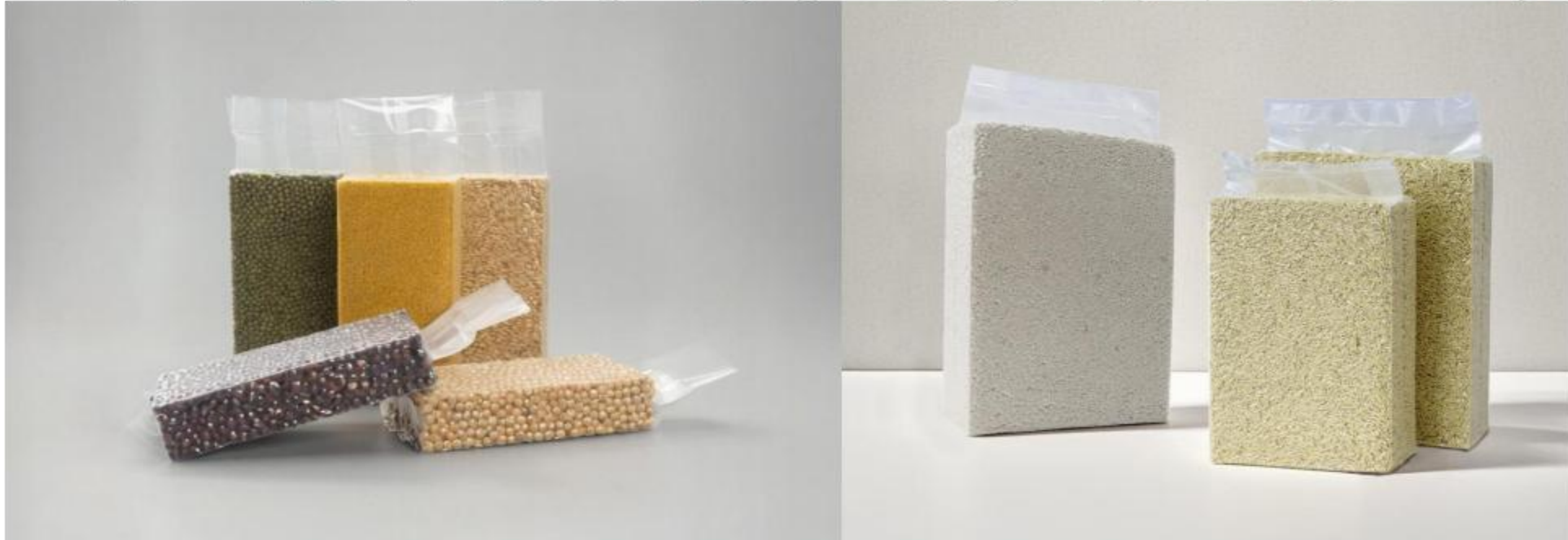
Equipment sample drawing



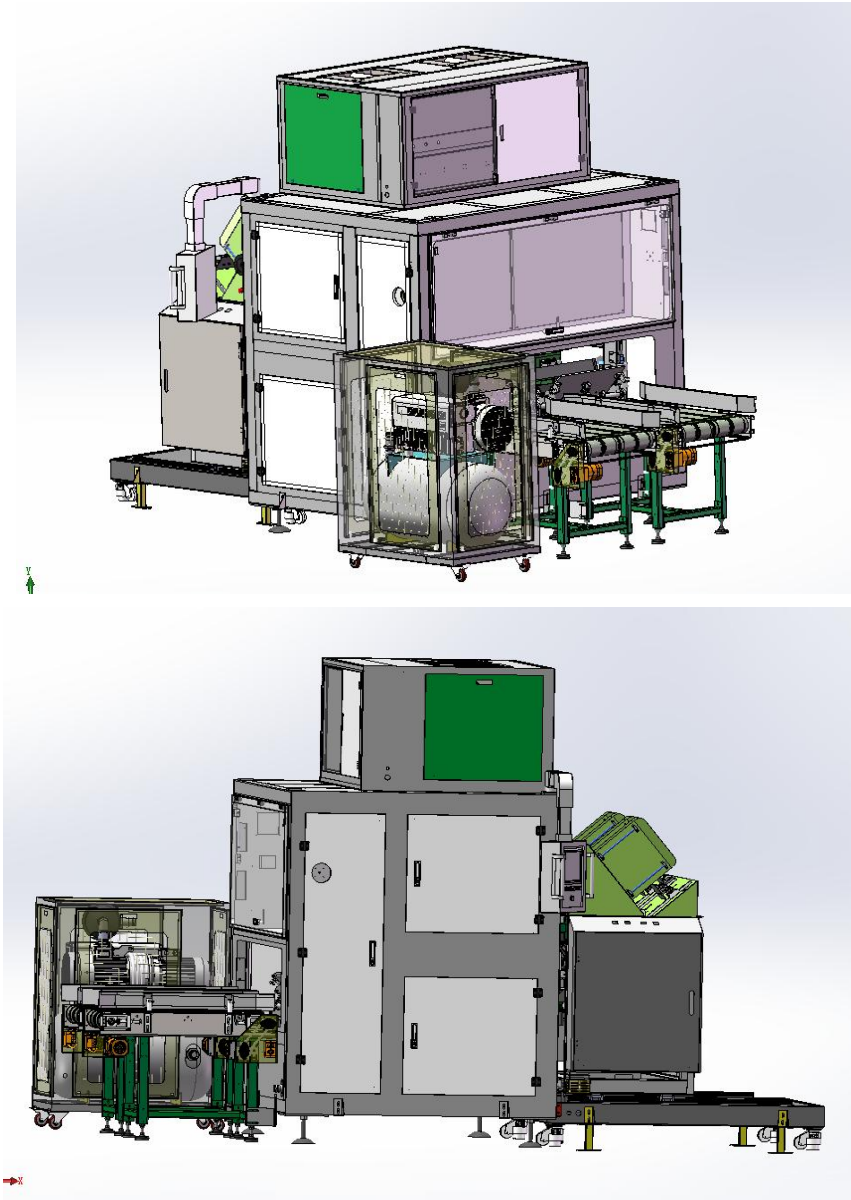
Equipment parameters

Model	HS-2000 Fully Auto Brick Shape Vacuum Packing Machine
Packing Range	0.3-2.5Kg
Packing Capacity	2000-2800 bags/hour
Power Supply	AC380V Three-phase-five-wire system, 15KW
Air Consumption	0.5Mpa,0.72 m ³ /min
Bag Storage Capacity	≈1600 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)	3508*4118*2680mm

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)