

DCS-720B

SIX SIDES VACUUM PACKING MACHINE

TECHNICAL DETAILS



1. Application

Suitable for quantitative vacuum packaging of granular materials in rice, grains, food and other industries.

2. Features

- (1) Advanced six-sided shaping and sealing technology automatically realizes six-sided vacuum shaping and packaging.
- (2) Efficient double bagging and double shaping vacuum mechanism, the vacuum packaging work speed is fast, achieving the effect of one out of two, and the output reaches 500-600 bags/hour.
- (3) The double-scale measuring mechanism adopts high-precision alloy steel sensors, pneumatic and vibration feeding mechanisms, with fast weighing speed and high packaging accuracy.
- (4) The square bagging barrel can help open the bag corners, create a beautiful shape, and adapt to vacuum packaging of thick and thin shapes.
- (5) It adopts touch screen, Siemens programmable controller and intelligent weighing instrument,

which is easy to operate.

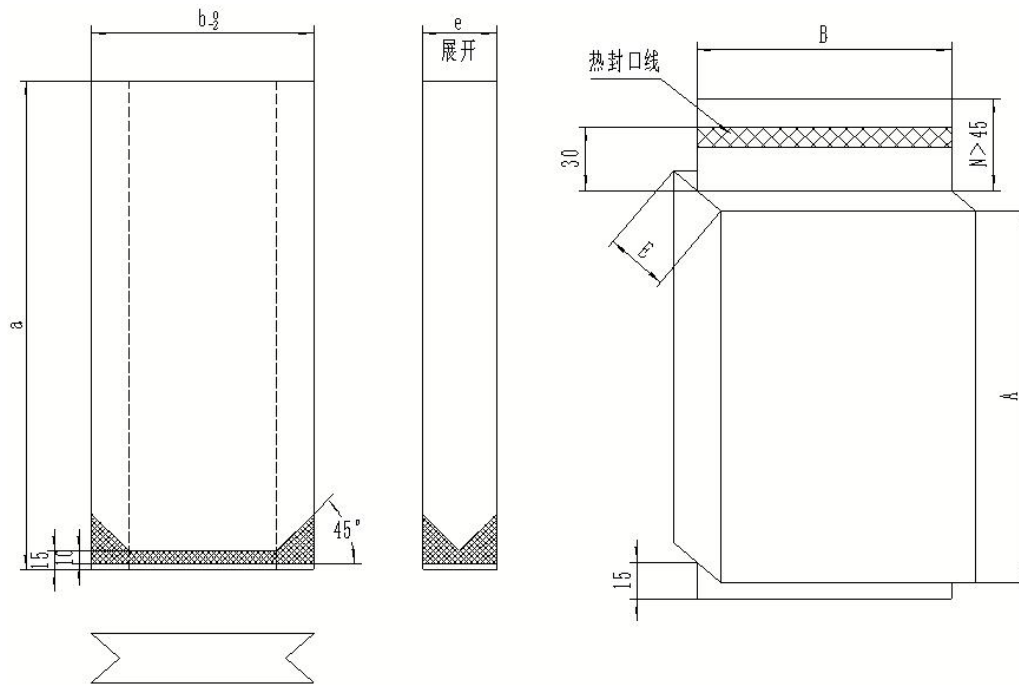
- (6) The mechanical structure is simple, reasonable, easy to maintain, and the equipment is small in size and takes up little space.

3. Product composition

- Electronic scale mechanism
- Brick Six-sided vacuum shaping mechanism
- Shaping and sealing mechanism
- Conveying mechanism
- Electric control box

4. Technical Parameters

Model	DCS-720B
Packing range	0.3~5kg
Packaging bag	Plastic bag
Packaging speed	500-600 packages/hour
Packaging accuracy	2~5g
Air consumption	0.6Mpa 4m ³ /h
Power consumption	AC380V ± 10%, 50Hz, three-phase five-wire system, 2.5KW
Grounding form	TN-S
Air source pressure	-0.0Mp~-0.07Mp (adjustable)
Ambient temperature	(0~40)°C
Maximum dimensions of packaging bags	Width: 80~235mm; Thickness: 50~80mm; Length: 265~485mm.
Overall dimensions L×W×H	1477*1672*2573 (mm)



Standard packaging bag size:

Weight (kg)	bag size			Final product size		
	Length a (mm)	Width b (mm)	Thick e (mm)	Height A (mm)	Width B (mm)	Thick E (mm)
0.5	265	80	50	138	80	50
1	325	100	60	184	100	60
2	365	140	75	210	140	75
2.5	390	150	80	230	150	80
5	485	235	70	335	235	70

Notice:

① Due to the difference in density of different materials, the above standard packaging bag size is based on japonica rice (density 0.92kg/L). If you change to indica rice or other materials, please inform us in time, and the packaging bag size will be adjusted.

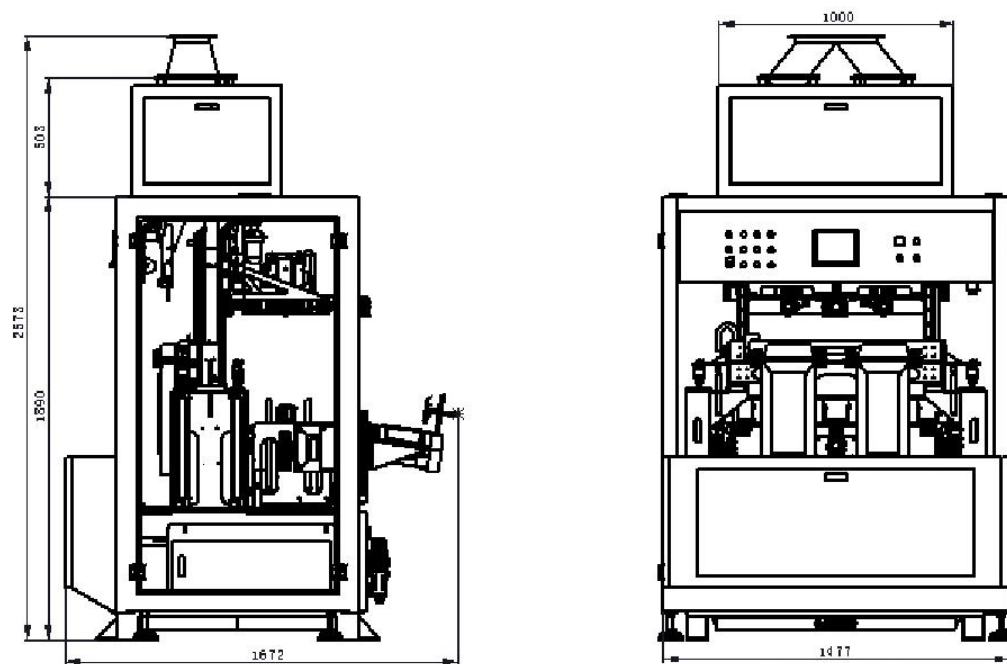
② The actual width and thickness of the bag are required to have a negative tolerance, which is generally -2mm (that is, 2mm smaller than the specification size. For example, if the specification is 80mm, the actual size is required to be 78mm~80mm).

③ Due to the bag size error, the material density is also different, and the actual final rice package size will be different. Please refer to the actual size.

5. Main configuration

No.	Part Name	Brand
1	Weighing controller	GM(China)
2	PLC	Siemens (Germany)
3	Load cell	Zemic (USA)
4	Touch screen	Beijer (Germany)
5	Digital vacuum meter	KITA (Taiwan)
6	Temperature Controller	Omron (Japan)
7	Bag clamp switch	Telemecanique (France)
8	Proximity switch	Telemecanique (France)
9	24V DC power Supply	MEAN WELL (Taiwan)
10	Terminal block	Phoenix (Germany)
11	Switch button	Schneider (France)
12	Air switch, contactor	Schneider (France)
13	Solid state relay	Omron (Japan)
14	F R.L. Air Combination	Airtac (Taiwan)
15	Solenoid valve	Airtac(Taiwan)
16	Cylinder	Airtac(Taiwan)
17	Vibration feeding control module	CUH (China)
18	Vacuum pump	Rishang (China)

6. Appearance drawing and dimensions



Three-dimensional renderings

