

packaging machine product description



1. Scope of application

chemical and other powder materials

2. Features

a. DCS-50FT-1 is a specially designed three-sensor support.

DCS-25-S is a special single sensor design

b. Conveyor manual lifting technology, core components adopt well-known brands, advanced functions, stable and reliable.

- c. The specially designed double-pair cage feeding mechanism, combined with the control algorithm of the controller, makes the packaging speed of the scale fast and accurate.
- d. High-precision weighing sensor and quantitative controller are adopted. The controller adopts high-performance A/D converter with a conversion rate of 200 times per second and an input sensitivity of 0.5 μ v/d. The measurement accuracy is high and the stability is good.
- e. There is a manual control mode, which can be manually operated to control the feeding and bag loosening mechanisms separately, so as to facilitate the cleaning of agglomerated and blocked materials.
- f. It has the function of over-tolerance alarm.
- g. The operation is simple, the operator only needs to cover the bag and touch the bag clip switch (or step on the foot switch), and the actions of feeding, bag filling and bag unloading are all completed automatically.

3. Technical parameters

Model	DCS-50FT-1	DCS-25-W
Weighing range (kg)	40-50	10-25
Division value (g)	10	5
Weighing speed (bag/hour)	100-180	170-240
Power consumption	3.7kW	2.7kW
air consumption	(0.4 ~ 0.5) Mpa compressed air 16.7L/min	(0.4 ~ 0.5) Mpa compressed air 16.7L/min
Working environment	relative humidity \leq 90%, temperature (0 - 40) °C	
Power supply requirements	AC220V \pm 5% 50Hz; AC380V \pm 5% 50Hz	
Dimensions L×W×H(mm)	2808×1342×3076	1030×1336×2771

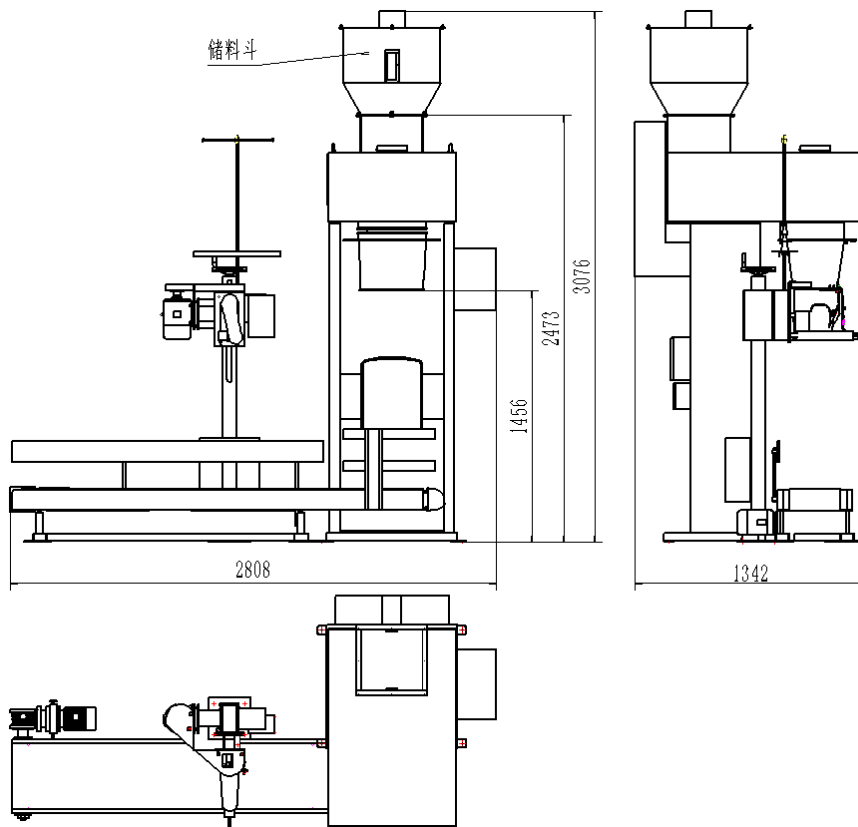
Remarks: Dimensions and heights include small hoppers

4.the main configuration

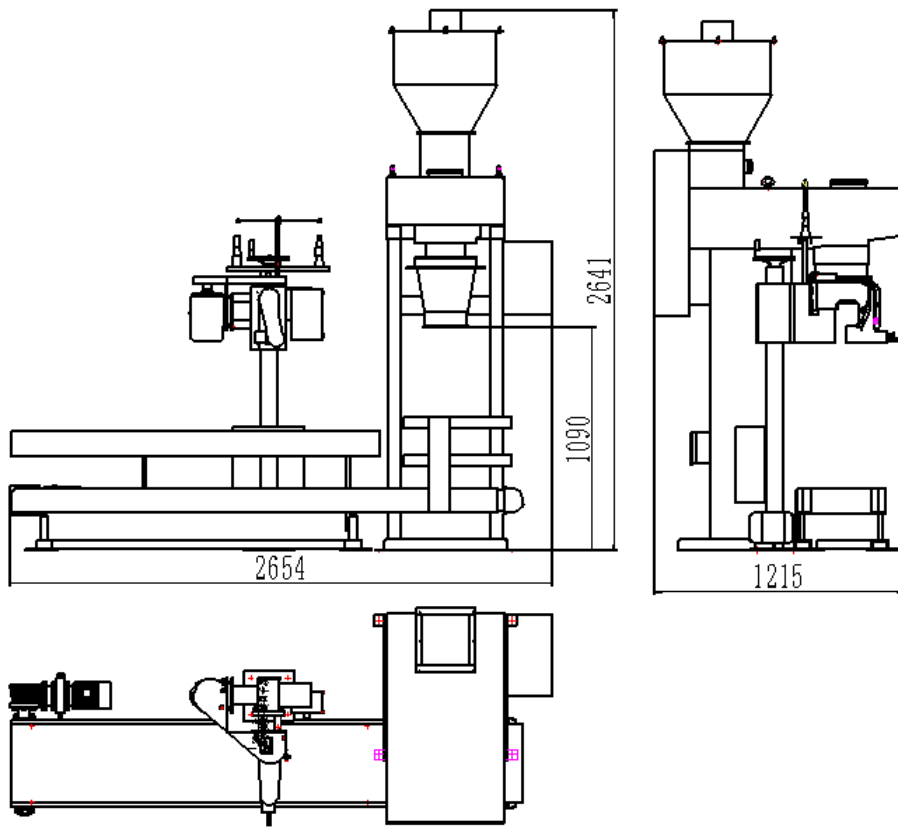
Name	Brand	Note

Weighing controller	GM
PLC	OMRON(JAPAN)
Load cell	Mettler toledo(USA)
Solenoid valve	MINDMAN
Sensor	SICK(GERMANY)
Proximity switch	OMRON(JAPAN)
Cylinder	AIRTAC
Air source treatment element	AIRTAC

5. Product sample picture (unit: mm)



DCS-50FT-1



DCS-25W