



DCS-50 (CS/N10) Quantitative packing scale

◆ Applications

High-speed quantitative packaging of granular or semi-granular materials in industries such as feed concentrates, miscellaneous and grains. Used for automatic bag sorting, sewing and labeling of pillow-shaped woven bags.

◆ Technical Parameter

Model No.	DCS-50 (CS/N10)	
Weighing range:	20~50	
Material	Granule	Concentrated feed
Speed (bag/h)	600	480~540
Accuracy Grade	X (0.2)	± 30g
Power, power consumption	AC380V 50Hz 6KW	
Air, Air Consumption	0.4~0.6MPa 4.5m ³ /h	
Bag width (mm)	450~650	
Bag length (mm)	550~1100	
Label width (mm)	65~105	
Label length (mm)	80~130	
Installation height (mm)	3750	

◆ Basic Configures

Name	Supplier
Touch screen weighing controller	Canada/General
Load Cells	USA/Celtron
Pneumatic Elements	SMC、Airtac
AC. Contactor	Chint or Delixi
Frequency converter	Mitsubishi
PLC	Mitsubishi
Touch Screen	.Weinview
Intermediate Relay/Button Switch	Schneider
Low voltage components	Chint or Delixi
Switching Power supply	Meanwell
Server System	Delta
Proximity Switch	Autonics
Guide Rail	Taiwan HIWIN

◆ Functions & features

- ▲ Double feeding and weighing mechanism, high-speed packaging, greatly increase output.
- ▲ It adopts gravity feeding and vibration feeding method, which has a wider application range of materials, is especially suitable for quantitative packaging of half-powder and half-granule feed.
- ▲ Imported touch screen weighing control instrument, load cell, pneumatic elements, high measurement accuracy and stable performance.
- ▲ Automatic error correction, over-under-error alarm, and fault-derived diagnosis.
- ▲ All parts in contact with materials are made of imported stainless steel, which has a long service life.
- ▲ Equipped with regulated power supply, stable and reliable operation.
- ▲ The interface of the dust removal device is reserved to improve the on-site working environment.
- ▲ Reserved RS232/485 serial port for data communication with peripheral management system.
- ▲ Good on-site adaptability: strong adaptability to packaging bag materials and small equipment installation size.
- ▲ Save labor: automatically complete functions such as bag sorting, conveying, folding, labeling, bag sewing, and broken line marking.
- ▲ Chain-plate conveyor belt: strong and durable without deviation, and with automatic lifting function.
- ▲ Friendly human-computer interaction: Large-size touch screen is used for centralized control, convenient parameter setting, and simple operation.
- ▲ Complete information prompt: It can more effectively track the working status of the system in real time, and give intuitive prompts and alarm information according to different situations.
- ▲ Friendly human-computer interaction: Large-size touch screen is used for centralized control, convenient parameter setting, and simple operation.

◆ DCS-50-CS/N10 Installation dimension drawing

