

Automatic Horizontal Tucking Flap Cartoning Machine/Cartoner SBM-CM30/80TC



The model SBM-CM30/80TC is a rugged, mechanical, automatic horizontal cartoner for erecting, loading and closing end load cartons at speeds of up to 80 carton per minute. The cartoning machine is suitable for food, dairy, home good, cosmetic, hardware, electronic parts, pharmaceutical products and so on. It's method of operation is:

- End load carton is removed from a supply magazine via vacuum system
- Carton is erected at a single product load station
- Product is automatically horizontally loaded into carton
- Loaded carton is transported to the closing position for tuck closure
- A completed carton is then automatically delivered from the machine to a convenient working height

Features

1. International famous brand of electrical component such as PLC touch screen, frequency inverters, etc.
2. Sanitary Construction (essentially stainless steel)
3. Intermittent motion
4. Up to 80 cartons per minute
5. PLC Controls
6. Adopt human-machine operation system.
7. Automatically displaying device for trouble, speed and finished products counting.
8. Machine running without pressing if no products or incorrect position of products. And stopping automatically if incorrect position of product into carton after return or no cartons or out of leaflets continuous.
9. No products not suction leaflet, no leaflet not suction carton.
10. Automatic detection and rejection device for lacking blister goods and leaflets.
11. Protecting automatically for overloading.
12. Stable performance, operation is easy.

Main components function

Color Touch Screen and PLC Control System

- Color touch screen man-machine interface, the parameters are clear and easy to set.
- Microcomputer control system, automatic alarm, shutdown function, production safety and efficiency.
- Automatic counting function, accurate control of production progress.
- After setting parameters, the machine can work by itself, saving labor and reducing cost.

Carton Magazine and carton forming system

The carton magazine is used for stacking paperboard cartons, and 300-500 paperboard cartons can be placed at one time. When used up, the paperboard cartons need to be added manually. The carton magazine can be adjusted according to the size of the paperboard carton. End load carton is removed from the carton magazine via vacuum system. Paperboard carton needs to be prefolded, and the indentation is generally 0.4mm deep.

Technical Info

Model No.	SBM-CM30/80TC
Speed	30-80 cartons/minute (depending on carton style and other factors)
Carton thickness	250-450g/m ²
Size range of carton(L×W×H)	(120-300) mm × (110-170) mm × (20-100) mm
Motor power	1.2kw
Power supply	220v/50Hz
Machine noise	Less than 80dB
Working pressure of compressed air	0.5-0.8 Mpa
Air consumption	200-260L/min
Machine dimension(L×W×H)	2700mm×1230mm×1700mm(depend on carton size)
Machine Weight	1350kg