

High-speed Cartoning Machine



CM380 Multifunction Automatic Cartoning Machine is our new research that is the high speed full auto machine. It can put some kinds of medicine board, Chinese medicine, small objects have regular shape and some food into a specific carton reliably, and then the cartons will be sent after finish sealing. This machine can be used in different situations; also it can be changed regularly in accordance with the user's different requirements. The mould has short production cycle, it is easy to assemble and text. The machine is suitable for use product the single goods, and also suitable to product medicine with small quantities and more styles. The entire advantaged make the machine have wide use in application.

Requirement

Paper selection: 60g-70g/m² (reference: GB/T451.2-1989 Quantitative assay for paper and board)offset paper(reference: GB/T1012-1991 offset paper)

Dimension size: Diagonal limit deviation ± 1 mm (reference: GB/T451.1-1989 Quantitative assay for paper and board);

- Max paper size: 200*200mm (L*W)
- Min paper size:130*90mm (L*W)

The thickness of the limits of deviation ± 2 um (reference: GB/T451.3-1989 Quantitative assay for paper and board)

Fiber orientation of paper folding and paper should be to maintain the vertical direction (Reference: GB/T452.1-1989 determination of vertical and horizontal)

Storage conditions for instructions (reference: GB/T462-1989 storage and transport for paper and board) Storage condition: Temperature 25°C ± 2 °C Relative humidity $\leq 60\%$

Request paper neatly cut, paperless hair, no crimping.

Requirements for medicine carton

Paper selection: 300-350g/m² (reference: GB/T451.2-1989 Quantitative assay for paper and board)

White cardboard or white paper (reference: GB/T3523-1999 white cardboard) ;

Dimension size :

- Max carton size : 160*90*45 (L×W×H)
- Min carton size : 75*45*16 (L×W×H)

The thickness of the limits of deviation $\pm 5\mu\text{m}$ (reference: GB/T451.3-1989 Quantitative assay for paper and board) ;

Storage conditions for instructions :

Temperature 25°C \pm 2°C Relative humidity \leq 60% ;

Design the carton mould according to the machine carton, all the cartons that machine used are have lock, all the manufacturing processes are made via machine, they are laser cutting, cutting mould machines, cutting, bending, pasting box, folding, it is request that the paper cutting neatly, no edges.

Main technical parameter

Power supply : AC380V 50HZ Three-phase five-wire system

Max power: 3.5kw(single match)

Production capability: host speed: max 300box/min

Folding speed: max 600pages/min

Air consumption:0.2-0.3 m³/min(pressure 0.5-0.7mpa)

Machine dimensions:4500*1420*1600mm(L*W*H)

Weight: : About 2700kg

Noise : \leq 80dB

Working principle and structure

This machine is composed of a series of precision gear transmission, synchronous belt and precision roller chain drive to automatically complete the carton, carton open, drug absorption and folding, instruction for use by transfer of a packaging, boxes, printing production batch number, carton sealing process, etc