

Horizontal Cartoning Machine



HD200 multifunction automatic cartoning packing machine is the horizontal type machine used to pack pharmaceutical blisters, vials, sachets, bottles and so on. It can achieve the whole process from unfold carton, fold leaflet, insert product, emboss the production date and batch number, seal carton, transfer the finished product and so on, which make the carton transferring and product insertion matched and cooperated. Improve the production rate and automation. At the same time, we design the connecting part for other packing machine as the automatic machine production line. Machine adopt HMI control and photoelectric detection to ensure the machine run accurately and stably, Ensure the quality of finished product.

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 $\pm 2\mu\text{m}$ (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 $25^{\circ}\text{C}\pm 2^{\circ}\text{C}$ Relative humidity $\leq 60\%$

Request paper neatly cut, paperless hair, no crimping.

Requirements for 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 : 150*95*60 (L×W×H)
- Min carton size : 80*35*18 (L×W×H)

The thickness of the limits of deviation ±5um (reference: GB/T451.3-1989 Quantitative assay for paper and board) ;

Storage conditions for instructions :

Temperature 25°C±2°C Relative humidity≤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:1.5kw(single match)
- Production capability: host speed: max 200box/min
- Folding speed: max 600pages/min
- Air consumption:0.06-0.09 m³/min(pressure 0.6-0.9mpa)
- Machine dimensions:4800*1620*1600mm(L*W*H)
- Weight: : About 2500kg
- Noise : ≤75dB

Normal working condition :

- Conditions : 25±10°C
- Contract air : pressure : 0.6—0.9Mpa
- Flow : 0.6—0.9m³/hour
- Operation people : 1—2

Working principle

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