

NSX 3.1 Semi-Automatic Horizontal Cartoner

The NSX 3.1 series machine is a small ergonomically and aesthetically efficient machine.

It automatically erects cartons by means of a rotary motion vacuum pick off from a magazine on demand by the operator, and places them into continuously moving flighted chains.

The flaps are then formed on the non-load side and folded open on the load side for the operator to insert the product.

After loading, glue is applied to the bottom major flaps on both sides,

These are then closed and sealed automatically.

The cartons are discharged from the cartoner by powered side belts.

- Designed for a three shift operation
- Heavy welded Stainless Steel frame
- Stainless Steel shafts and guides
- Completely guarded by easily removable fixed guards and hinged see-through electrically interlocked top guards allowing a clear view of the machine operation.
- Complies with BS5304
- Robust transmission chains with high quality carton lugs.
- Overload protection on machine drive and all mechanisms.
- Integral product conveyor
- Hot melt jet applicator
- Extensive use of heavy duty timing belts with duplex main drive chain
- All adjusting points fitted with hand wheels, digital readouts, quick release handles and calibrated scales.
- Mimic board fitted to electrical console with indicator lights showing machine stoppage points
- Low level noise – below 80db (A)

OPTIONAL EXTRAS

- Emboss coding
- Ink Coding
- Automatic carton magazine loader
- 3 or 4 arm rotary head
- Cold gluing
- Tuck in
- Barcode scanning
- Laser coding
- Through conveyor
- Open flap detection/rejection
- 90 degree horizontal turn wheel

CARTON SIZE RANGE

- A - 108 – 310mm
- B - 44 – 225mm
- C - 20 – 100mm

Subject to flat blank size
Specials upon request

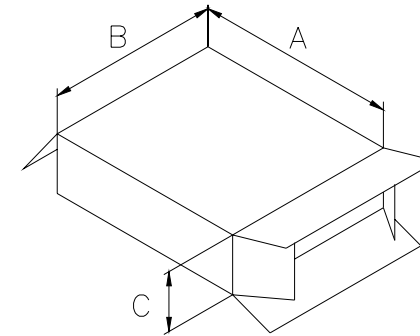
TECHNICAL DATA

Output :-
Variable up to 100 Cartons/min

Carton closure:-

Electrical:-
3N~50 Hz 400/230V 1.5 kW AC motor giving variable speed 24v control circuit 3kW single phase for hot melt applicator

Carton Flight Pitch:-
Std options 7.5" 10" 15" pitch between flights



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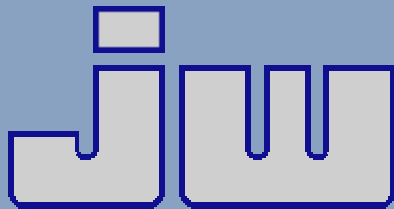
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