

Packaging Systems

Since 1970, Hoonga has been persistent in its efforts to supply packaging systems in global markets, keeping up with fast changing trends and customers needs.

Continuous development and creative thinking enable Hoonga to provide innovative solutions and applications for automatic packaging systems.

Blister Packaging Machine

N8



N8 / N8⁺

Our Model N8 offers the best packaging solution for hardware blister products such as toothbrushes, combs, pens, hairbrushes and the like. N8 is so designed as to meet the high productivity and flexible application for cost saving. Its unique All-In-One system performs entire step on a compact single bed, from forming to discharge the finished products.

N8 Features :

- High production speed of 120 blisters/minute for 42 mm width toothbrush blister and 160 blisters/minute for 25.4 mm wide one.
- Flexibility of packaging materials
- Forming Materials : PVC, PET-G, PET-GAG, etc.
- Backer Materials : Paper, PVC, PET, etc with heat sellable sealant lacquer on cardboard and/or on rolled sheet.
- Quick change over time of format set in approx. one (1) hour. Forming tool change for different size of blister in less than ten (10) minutes.

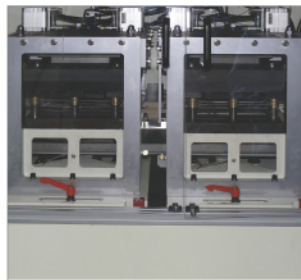
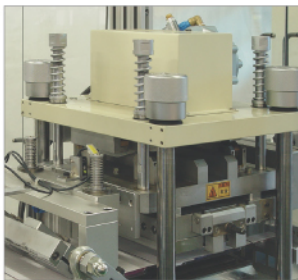
N8 consists of :

- Forming Material Supply
- Double Step Pre-heating and Plug Assist Forming
- Product Feeding
- Backer Material (Card Board or Roll Lid with Print Register Control) Supply
- Heat Sealing with Heating Plate Lift-Up on machine stop
- Cooling
- Web Indexing
- Die Punching
- Discharge

Optional functions are available :

- Spare Reel Stand and Splicing Table (N8⁺)
- Automatic Product Feeding System
- Product Fill Detection and Rejection
- System provided to handle both card board and roll lid material
- One-line Labeler for self-adhesive label and/or rubber labels
- Additional Working Station for Hole Punching, Perforation, or Emboss Coding
- Linear Motion Movement System for Jet Printer head with or without Printer
- Double Step Punching for material saving and higher productivity
- Servo Motor Driven Web Indexing (N8⁺)
- Waste Chopper instead of Spool Winder (N8⁺)
- Collation System after Die Punching for downstream automation
- Chiller for Recycle Cooling System
- Complete Safety Cover (N8⁺)



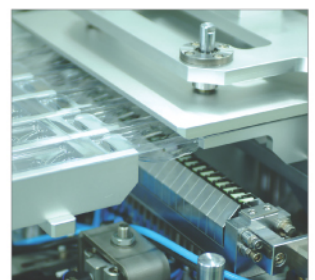
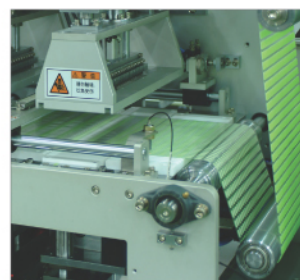
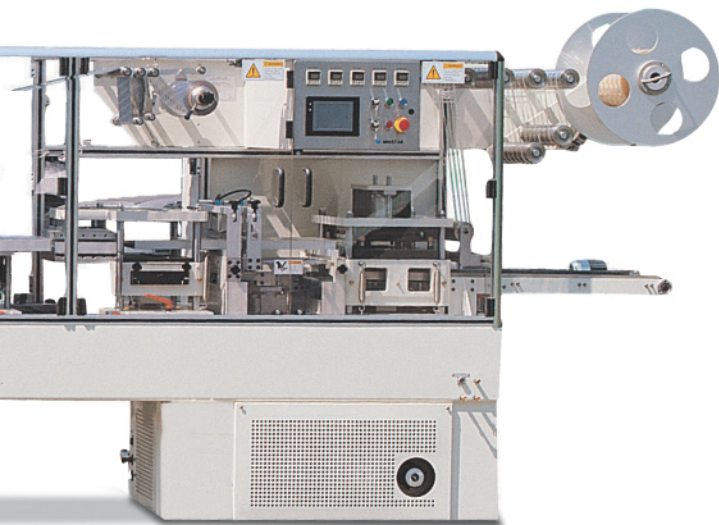


1. Pre-Heating and Forming
2. Card Backer Supply
3. Roll Lid Backer Supply
4. Heat Sealing
5. Double Step Punching
6. Discharge and Waste Chopper

1	2	3
4	5	6

7. 8. Labeler - self adhesive label
- 9.10. Labeler - rubber label

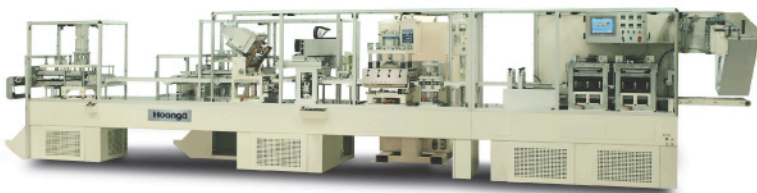
7	8
9	10



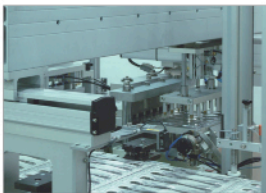
N8 - DB

Double Side Blister Packaging Machine

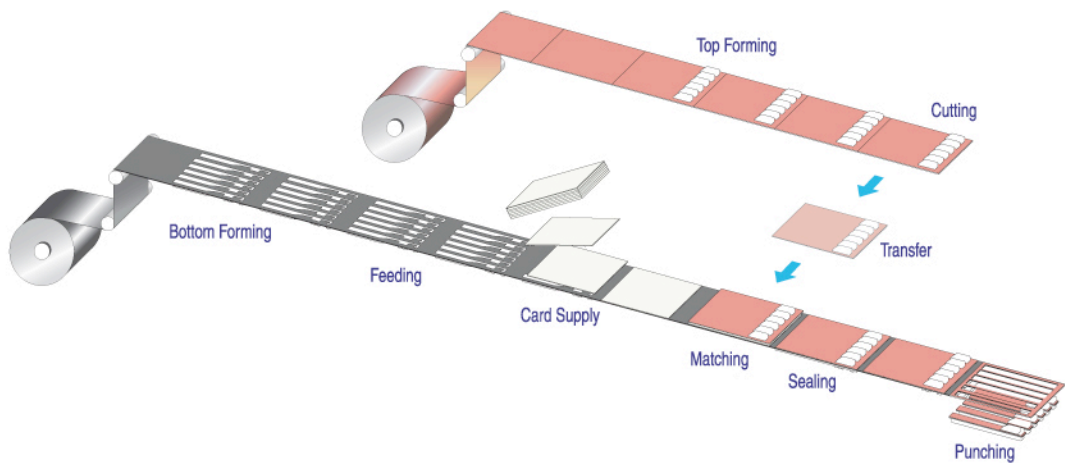
N8-DB offers best solution to make double blister packaging. This system operates also on all in one system, from simultaneous forming of both top and bottom, feeding the products, precise matching of both and high frequency sealing to cover PVC/Paper card/PVC, PVC/PVC and PVC/Paper card and discharge the finished products.



- 1. High Frequency Sealing System
- 2. Top Blister Form Transfer System



Operation





The best solution especially for toothbrush packaging

High quality

Reliable

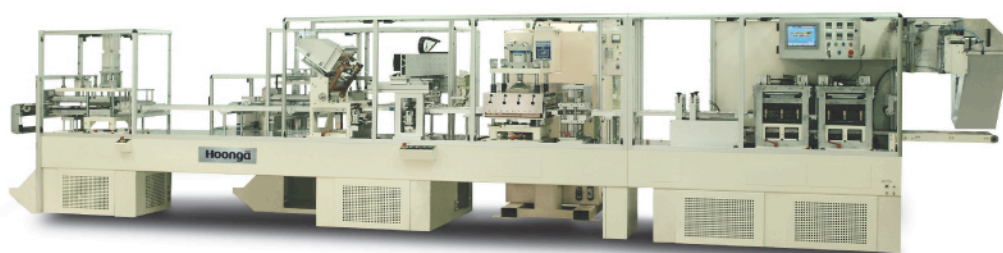
Rapid service response

Custom designs

Fast delivery

Affordably priced

ISO 9001: 2000 / ISO 14001



Feature of N8-DB / Double Side Blister Packaging Machine

TECHNICAL DATA

N8 / N8+

Output	Operation speed	max. 23 cycles/min.
	Actual working speed	approx. 20 cycles/min.
	Total output is calculated by the number of bilster per cycle.	
Forming area	Effective Forming area	274 mm (W) x 245 mm (L) index
	Forming index	max. 255 mm
	Base web width	max. 290 mm
	Forming depth	max. 30 mm
Utilities	Electric power connection	380V, 3-phase, 50/60Hz (Other voltages available on request)
	Electric consumption	16 KVA
	Compressed air pressure	6 bar with in 10% fluctuation
	Air consumption	350 NL/min.
Film and backer supply	Form film	max. 500 mm dia. with core dia. 76 mm
	Backer card	max. 290 mm (W) x 251 mm (L)
	Lid foil	300 mm dia. with core dia. 76 mm
		(Special dimension is available upon request)
Machine dimensions	Length	approx. 7,650 mm (Special length is available)
	Width	approx. 1,090 mm
	Height	approx. 1,940 mm
	Weight	approx. 3,800 Kgs

N8 - DB

Output	Operation speed	max. 18 cycles/min.
	Actual working speed	approx. 15 cycles/min.
	Total output is calculated by the number of bilster per cycle.	
Utilities	Electric power connection	380V, 3-phase, 50/60Hz (Other voltages available on request)
	Electric consumption	30 KVA
	Compressed air pressure	6 bar with in 10% fluctuation
	Air consumption	500 NL/min.
Machine dimensions	Length	approx. 8,950 mm (Special length is available)
	Width	approx. 2,100 mm
	Height	approx. 1,900 mm
	Weight	approx. 4,500 Kgs

Words and photographs on this catalogues are to help understanding of the machine model only and subject to technical modification without prior notice. The final specification is as per our quotation offered to you exclusively.

Hoonga

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