

Cobra Carton Forming Machine

Hot Melt, Lock or Simplex Carton Forming



Key Feature of the Cobra Carton Former

The unique carton blank transport mechanism, providing positive blank control from magazine picking through forming head placement, can provide up to a 330 mm (13.0") of accurate uninterrupted hot melt application, controlling carton blank position, distance and velocity while applying hot melt.

Production Proven Mid-Range Carton Former Delivering All the Reliability of High End Formers

Frame

- ▶ Open, formed frame for minimal vibration
- ▶ Modular construction for easy adjustment access, maintenance and cleaning
- ▶ Full shrouding to minimize dust and provide operator safety

Drive & Control

- ▶ Variable speed inverter drive for trouble-free timing between picker arms and reciprocal forming heads
- ▶ PLC for accurate gluing patterns with 16 recipe menu for fast changeover
- ▶ Keypad operator interface for simple product setup and troubleshooting

Carton Blank Magazine

- ▶ Large capacity carton blank magazine with locking stack pusher and inclined carton advance assist
- ▶ Fully adjustable magazine with loading access on three sides

Carton Transport & Forming

- ▶ Production proven, patented unique S-cam, carton blank transport
- ▶ Positive four side control at pick-off
- ▶ Spring loaded vacuum cup pick-off assembly to compensate for material variance
- ▶ Nordson hot melt glue system with accurate adhesive application and patterns
- ▶ No blank, no adhesive photo-eye detection
- ▶ Spring loaded forming cavity to compensate for material variances and assure even compression and sealing of carton flaps

Safety, Documentation & Support

- ▶ Electrical overload protection to drive mechanisms
- ▶ See through hinged guarding doors with safety interlocks
- ▶ Complete, detailed permanent record documentation and manuals

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Technical Data

Formed Carton Size

	Minimum	Maximum
Length	102 mm (4.0")	432 mm (17.0")
Width	76 mm (3.0")	330 mm (13.0")
Depth	25 mm (1.0")	152 mm (6.0")

Carton Blank Range

	Minimum	Maximum
Length	126 mm (4.9")	655 mm (25.8")
Width	152 mm (6.0")	736 mm (29.0")
Production Speed	Up to 35 cpm Glue Style Up to 45 cpm Lock Style	
Magazine Capacity	380 mm (15 in or 20 minute run time)	
Power	230 VAC, 60 Hz. 3-Phase (20 Amp)	

Mechanical Dimensions

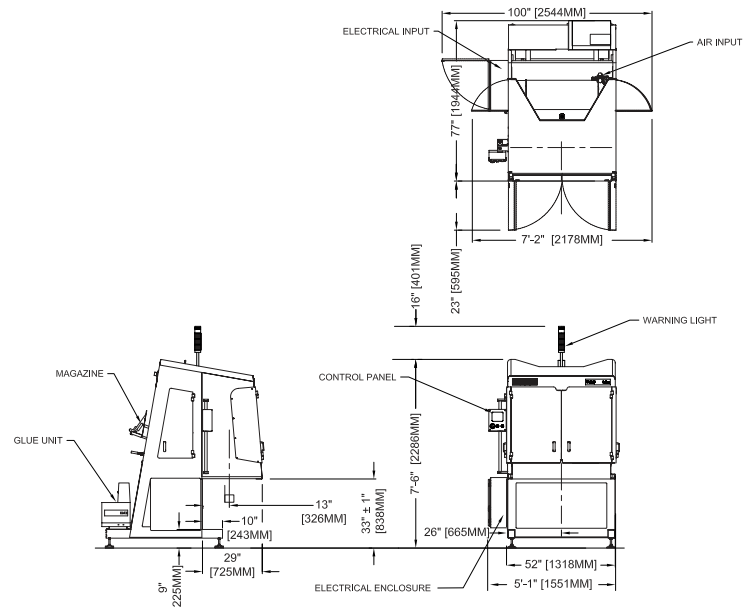
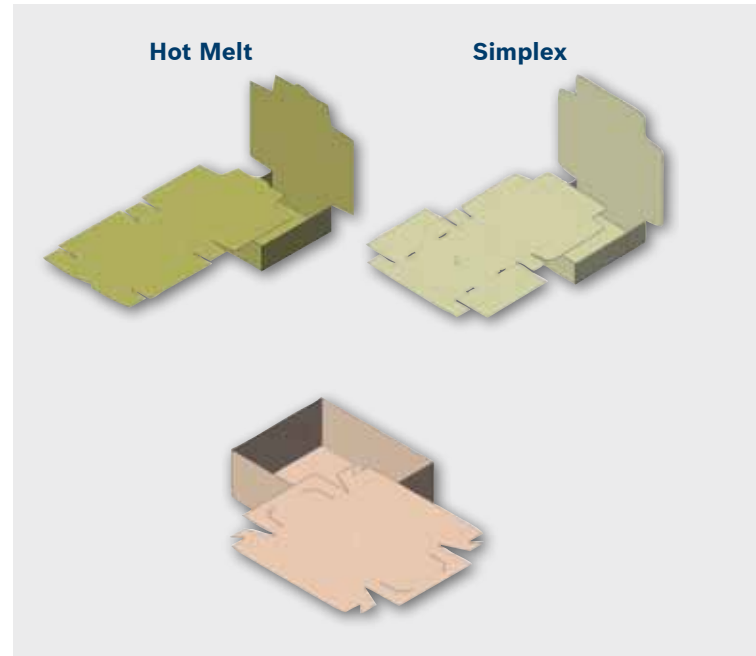
Frame Width	1300 mm (51.1")
Height	2400 mm (94.5")
Forming Head Blank Height	900 mm (35.4")

Available Options

- ▶ Stainless Steel Frame
- ▶ Additional Forming Heads
- ▶ Adhesive System Options
- ▶ Discharge Conveyors
- ▶ Auto Demand Photo Eye
- ▶ Non Attendant Package
- ▶ Extended Leg Kits
- ▶ Spare Parts Kit
- ▶ Casters
- ▶ Special Power Requirements

Speed is dependent on carton, material and size.
Contact our sales support to determine maximum cycle speed for your application.

Technical information is subject to change without notice.



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