

Blister Express Center 300

**Maximum flexibility
at an outstanding
price-performance ratio.**

Master packaging diversity cost effectively

Global markets are increasingly demanding pharmaceutical products tailored to meet regional and target group needs. Drug manufacturers can master the demands cost effectively with the Blister Express Center 300. Short setup times, swift batch changeovers, an unrivaled price as well as low operating and follow-on costs characterize this line. The integrated system comprising a blister and a cartoner module is barely eight meters long. Designed for the packaging of small and medium-sized batches of solid dose products, it processes all standard solid dose products and packaging materials.

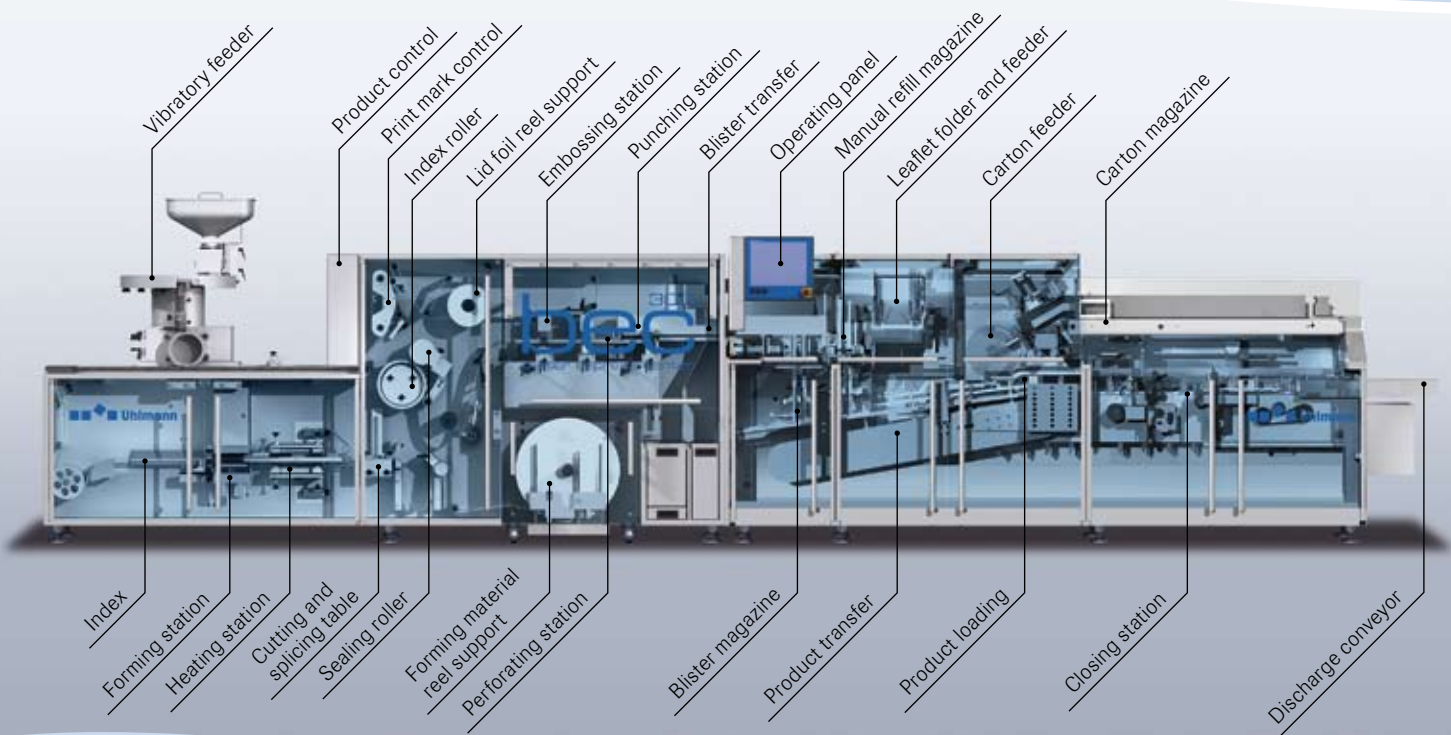
The Blister Express Center 300 produces up to 300 blisters and 150 cartons per minute. Only one person is needed to operate the line. Thanks to just 12 light-weight basic format parts that are easy to handle, one operator can carry out a full format changeover within 20 minutes. The forming material reels are also quickly replaced. After manual insertion, the film/foil positioning function automatically adjusts both the forming material and the lid foil within seconds and the line is ready for operation. A ramp-up phase is avoided. Self-adjusting operating processes, the filling of all stations from the front of the machine, and the control of all functions via a central touch-screen system are a matter of course.



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The Blister Express Center 300 at a glance. Technical specifications:

Blister module:		Cartoner module:	
Output [1/min]	300 blisters	Output [1/min]	150 cartons
Format area [index x width]	max. 200 x 145 mm	Format area [W x H x L]	max. 115 x 90 x 150 mm
Forming depth	max. 12 mm		
Forming material width	max. 160 mm	Available closing systems	tuck-in and hot-melt closure
Forming material reel diameter	max. 600 mm	Available marking systems	laser printer, ink-jet, embossing
Lid foil reel diameter	max. 300 mm		
Processable forming materials	laminated Al foils, PVC, PVC/PVDC, PVC/Aclar, PP, PET		
Processable lid foils	hard Al, soft Al, paper/Al, Al with defined hardness, others on request		



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Components and features of the blister module

- Forming film reel up to 600 mm in diameter for uninterrupted production over approximately 90 minutes
- Optional fitting of a forming material trolley in the blister module for simple reel replacement
- Heating station with three heating zones for gentle, gradual heating of the forming material
- Forming station ensures uniform forming pressure
- Vibratory feeder for all standard product forms
- A wide range of other solid dose product feeders can be integrated
- Color camera inspection system controls presence, position and possible damage to products in the blister
- Servo-regulated rotary sealing for PVC and aluminum blisters
- Light-weight embossing, perforating and punching station

Components and features of the cartoner module

- Format-free, gentle and direct blister transfer
- Automatic initial filling of the blister magazine, no manual filling is necessary
- Long, raisable carton magazine for 1,200 cartons
- Proven, reliable product loading system
- Handles all common types of carton closure, e.g. tuck-in or hot-melt with a fourth flap
- “Good product” philosophy ensures that only 100% correctly filled cartons are released downstream
- Integration of printing and camera inspection systems possible

Rotary sealing



Format-free blister transfer



Carton feeder



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