

Blister machine B 1660 with intermittent platen sealing

The universal high-performance machine with innovative process technology for maximum cost efficiency.

Fast, efficient and user-friendly

The Blister machine B 1660 is a universal high-performance machine that processes up to 750 blisters/minute. Suitable for all conceivable solid products, the B 1660 is available with intermittent motion platen sealing and continuous motion rotary sealing. Users of the B 1660 benefit from a sophisticated tool quick-change system and a redesigned blister transfer. Additional attributes of the machine are straightforward operation thanks to its state-of-the-art control concept and self-regulating processes that ensure particularly gentle handling of the products.

The B 1660 with intermittent platen sealing is the ideal choice for forming depths up to 12 mm. The principle of intermittent sealing with platen tools is particularly suitable for the processing of special lid foils and paper or aluminum laminates for so-called peel or peel-push blisters. Predestined for platen sealing are calendar packs, sample packs, blisters with large pockets, large blisters with stiffening ribs and all-aluminum blisters. The intermittent web index during filling is ideal for feeding systems with total discharge or other systems for exceptionally shaped products.

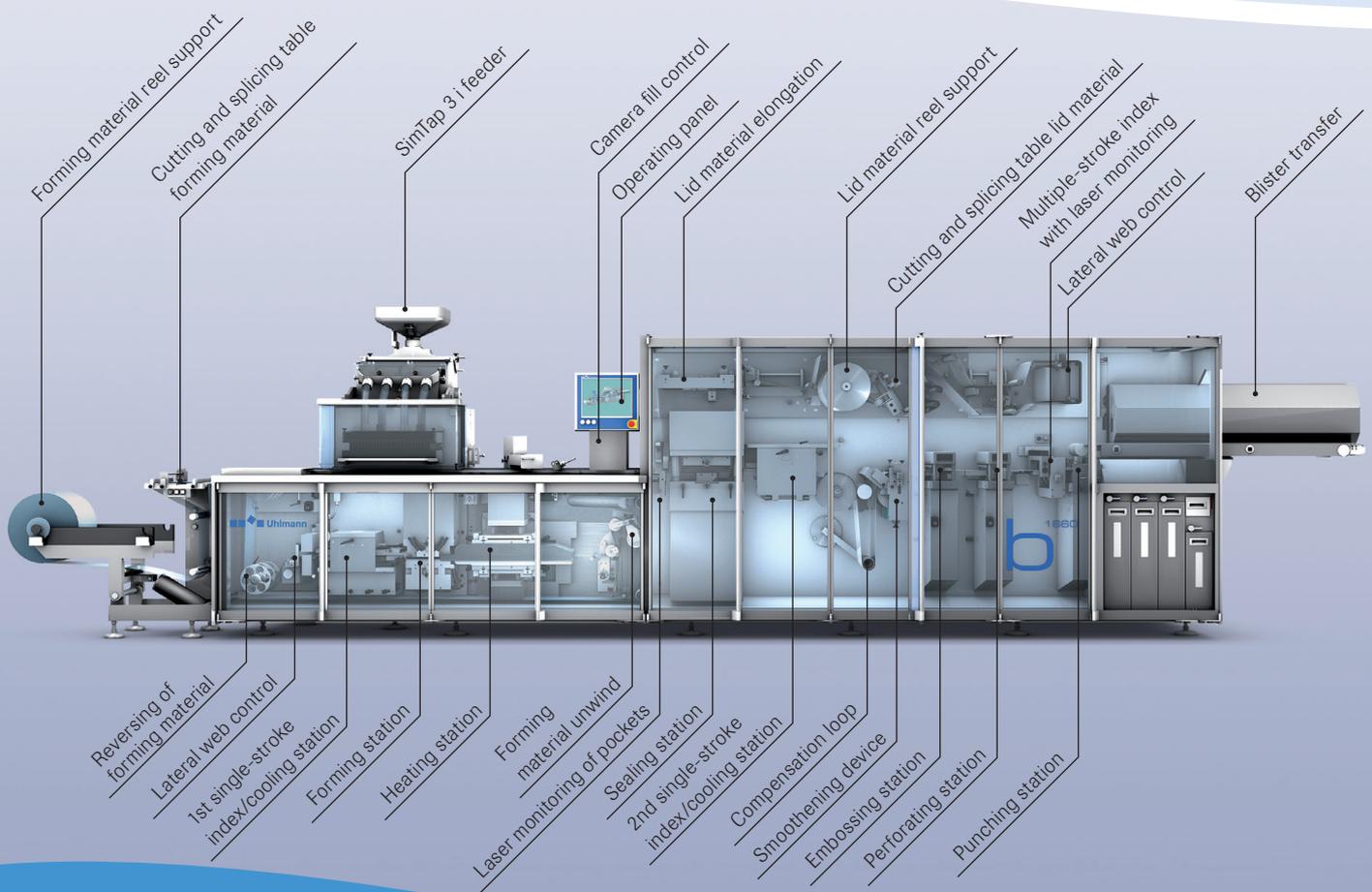


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The Blister machine B 1660 at a glance. Technical data:

Output [1/min]	max. 750 blisters	Processable forming materials	Al, PVC, PVC/PVDC, PVC/Aclar, PET, COC
Sealing principle	intermittent		Processable lid materials
Format area		Space required	
Index x width	max. 280 x 284 mm max. 280 x 320 mm *		Machine width
Forming depth	max. 12 mm	Machine height	approx. 1,960 mm
Reel diameter		Machine length	approx. 8,945 mm
Lid material	max. 400 mm	Net weight	approx. 14,000 kg
Forming material	max. 1,000 mm		

* optional format upgrade



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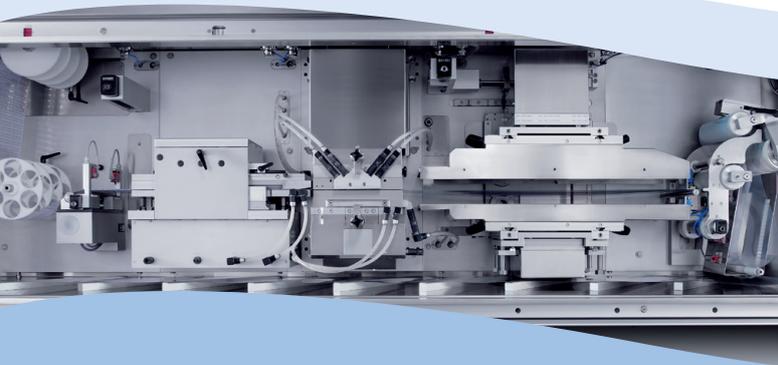
Components and features of the B 1660

- Dual reel support for reels up to 1,000 mm in diameter, also with buffer for up to 3 hours non-stop production
- Powered forming material unwind prevents traction and tension, lateral web control, pinhole detection for damage over 10 µm
- Three heating zones for gradual heating of the forming material to the ideal temperature
- Perfect forming thanks to final position monitoring, forming air seal, measurement of forming force and direct cooling of forming tools
- Intermittent platen sealing – with 4-column sealing station, optimum sealing pressure and heat distribution, measurement of sealing force, final position monitoring of the station head stroke, tool monitoring, cooled guide plates
- Servo-driven embossing and perforating with monitored tools
- Accurately punched blisters thanks to laser monitoring of the pockets
- Integrated, gentle blister removal and transfer to Cartoners C 2504 and C 2305 with minimum number of format parts

Additional advantages of the B 1660

- IPC (in-process control) discharge during production run
- Production data acquisition system for fast process analysis
- Straightforward user guidance with state-of-the-art TouchControl system with 3-D visualization and intuitive input system
- Clean room atmosphere thanks to controlled discharge of air and heat
- Noise level below 75 db (A)
- Protective doors out of scratch-resistant, shatterproof safety glass
- Innovative door sliding and closing mechanism for optimum accessibility

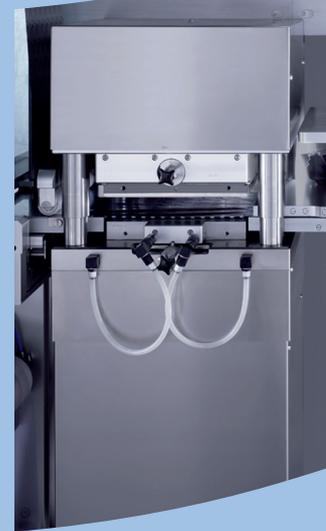
Heating, forming and cooling station



SimTap 3 feeder



Sealing station



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