

Blister machine B 1880 with intermittent platen sealing

The fastest blister machine in the world sets new standards in pharmaceutical production with every detail.

Award-winning high tech

The Blister machine B 1880 is based on established high-performance machines and is available in the versions multiple-stroke intermittent sealing and multiple-stroke continuous sealing. It combines forward-looking, innovative machine design with GMP compliancy, simple operation, top performance, suitability for process integration, and reliable, efficient production of the highest quality. Attaining an output of up to 1,300 blisters/minute, the B 1880 is the ideal solution for the production of mass batches in 3-shift operation.

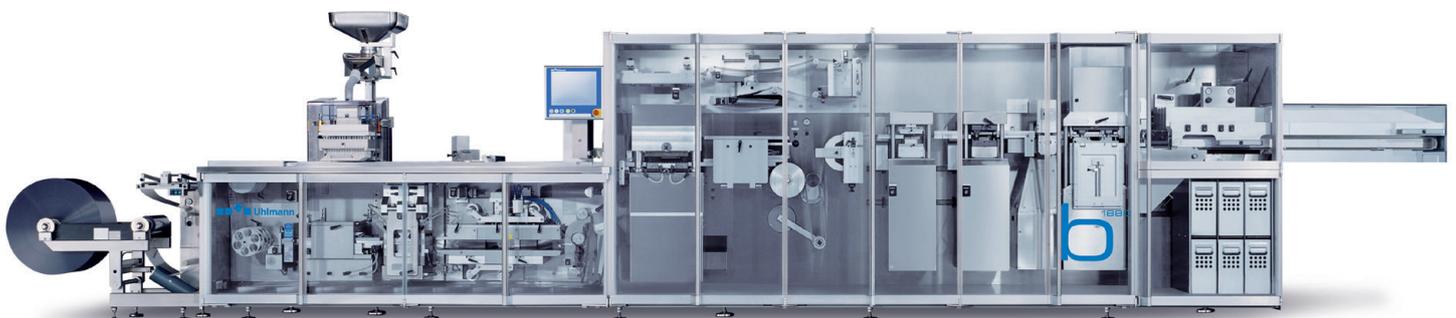
The B 1880 with intermittent platen sealing is the ideal blister technology for drawing depths up to 12 mm. The principle of intermittent sealing with platen tools is particularly suitable for the processing of special lid foils and paper laminates, i.e. for so-called peel or peel-push blisters. Predestined for platen sealing are calendar packs, sample packs, blisters with large pockets, large blisters with stiffening ribs and all-aluminium blisters. The intermittent web index during filling is ideal for filling systems with simultaneous product placement or other systems for products of irregular shape.



Deutscher
Verpackungs
Design
Wettbewerb



reddot design award
winner 2005

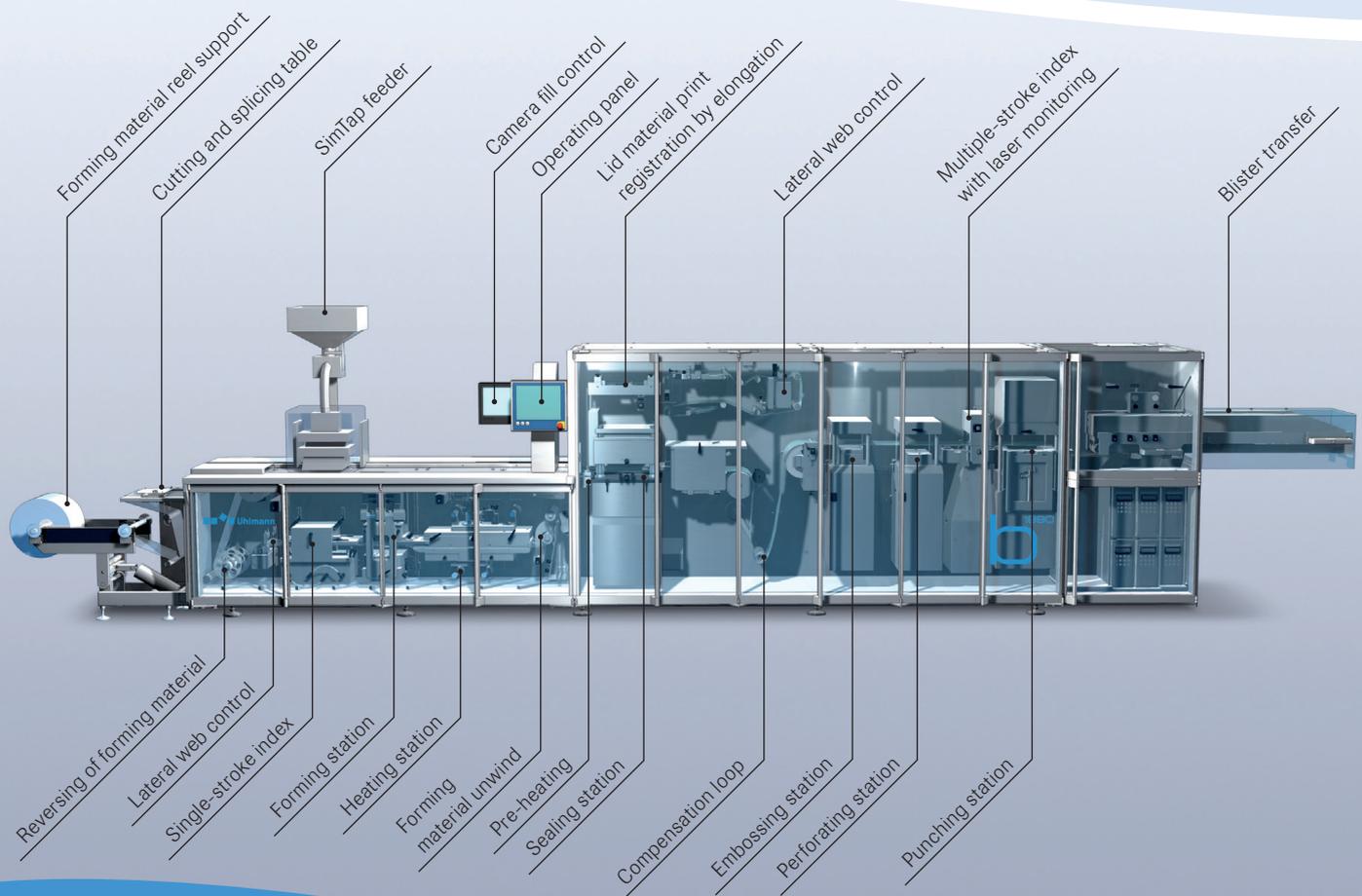


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The Blister machine B 1880 at a glance. Technical data:

Output [1/min]	max. 1,300 blisters	Processable forming materials	Al, PVC, PVC/PVDC, PVC/Aclar, PET
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	approx. 1,670 mm
Forming depth	max. 12 mm	Machine height	approx. 1,998 mm
Reel diameter		Machine length	approx. 9,940 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 1880

- Dual support for reels of forming material up to 1,000 mm in diameter, also including buffer or splicer
- Motorized forming material unwind prevents traction and tension
- Three heating zones each for gentle heating of forming material
- Perfect forming, e.g. thanks to pressure cushions and direct cooling of forming tools
- Comprehensive range of feeders for every requirement
- Intermittent platen sealing – with 4-column sealing station, optimum sealing pressure distribution with air cushions, measurement of sealing force, heat distribution at accurate temperature, final position monitoring of the station head stroke, tool monitoring, cooled guide plates
- Servo-driven embossing and perforating with monitored tools
- Punch monitored by laser sensor and servo-driven lowering unit for maximum precision
- Simple, reliable blister transfer by means of vacuum conveyor
- State-of-the-art control concept with IPC and individual servo drives for flexible and operator-friendly use

Additional advantages of the B 1880

- Central touch screen operation with 3-D visualization
- GMP-compliant machine design for operation and cleaning in accordance with pharmaceutical specifications
- Innovative door sliding and closing mechanism for optimum accessibility
- Shatterproof safety glass for optimum product and operator protection
- All media guided through the machine frame
- Clean room atmosphere thanks to controlled discharge of air and heat
- Internal heat transfer reduces energy required for clean room atmosphere
- Integration of separate production data acquisition system possible
- Predestined for line integration with the central line control system SCADA

Heating station



Forming station and index with integrated cooling



Sealing station



Embossing and perforating station



Punching station



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