

## *Blister machine B 1880 with continuous rotary 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 with multiple-stroke intermittent sealing and multiple-stroke continuous sealing. It combines forward-looking, innovative machine design with GMP compliance, 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.

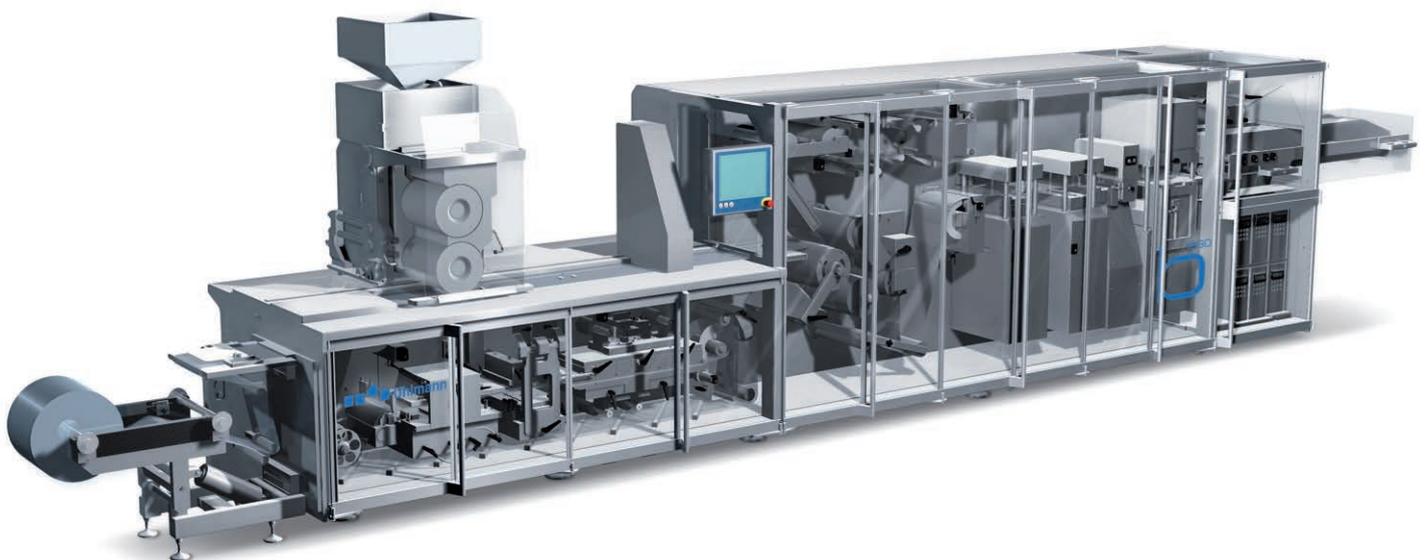
The B 1880 with continuous filling and rotary sealing is the ideal super high-speed machine for standard blisters containing symmetrical products, such as round tablets and capsules, which can be handled by a vibratory feeder and fill channels. This method of packaging with continuous feeding and rotary sealing ensures the gentlest handling and most fluent production process.



Deutscher  
Verpackungs  
Design  
Wettbewerb



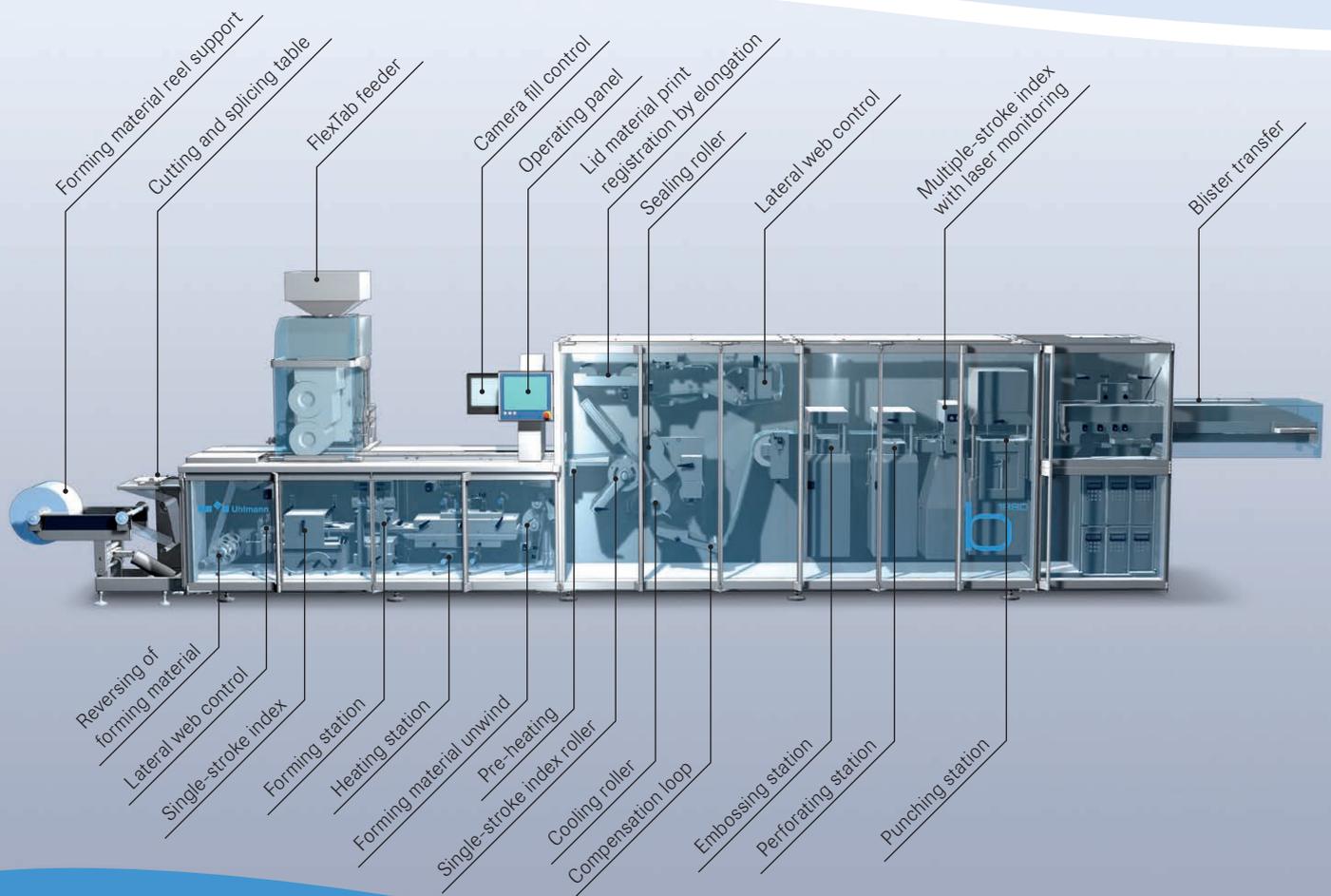
reddot design award  
winner 2005



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

<b>Output</b> [1/min]	max. 1,300 blisters	<b>Processable forming materials</b>	Al, PVC, PVC/PVDC, PVC/Aclar, PP, PET, COC	
<b>Sealing principle</b>	rotary		<b>Processable lid materials</b>	Al, Al/paper, polyester/Al, PP
<b>Format area</b>		<b>Space required</b>		Machine width
Index x width	max. 280 x 284 mm		Machine height	approx. 1,998 mm
Forming depth	max. 12 mm		Machine length	approx. 9,940 mm
<b>Reel diameter</b>		<b>Net weight</b>	approx. 14,000 kg	
Lid material	max. 400 mm			
Forming material	max. 1,000 mm			



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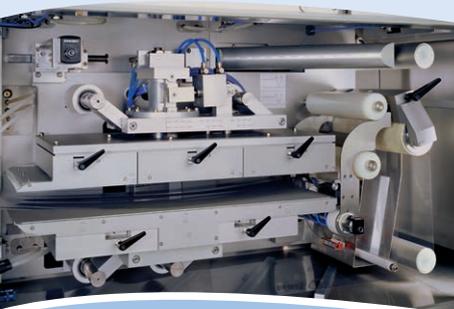
### **Components and features of the B 1880**

- 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
- Continuous rotary sealing – with monitored, self-levelling sealing roller that lifts when the machine stops, contact cooling of the web
- 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



Embossing and perforating station



Punching station



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