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

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 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 per minute, the B 1880 is the ideal solution for the production of mass batches in three-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.

The world's fastest blister machine
**Blister machine B 1880**

with continuous rotary sealing at a glance

<table>
<thead>
<tr>
<th><strong>Output</strong> [1/min]</th>
<th>max. 1,300 blisters</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sealing principle</strong></td>
<td>rotary sealing</td>
</tr>
<tr>
<td><strong>Format area</strong></td>
<td></td>
</tr>
<tr>
<td>Index x width</td>
<td>max. 280 x 284 mm</td>
</tr>
<tr>
<td>Forming depth</td>
<td>max. 12 mm</td>
</tr>
<tr>
<td><strong>Reel diameter</strong></td>
<td></td>
</tr>
<tr>
<td>Lid material</td>
<td>max. 400 mm</td>
</tr>
<tr>
<td>Forming material</td>
<td>max. 1,000 mm</td>
</tr>
<tr>
<td><strong>Processable forming materials</strong></td>
<td>Al laminates, PVC, PVC/PVDC, PVC/Aclar, PET, PP, COC</td>
</tr>
<tr>
<td><strong>Processable lid materials</strong></td>
<td>Al, paper/Al, polyester/Al, PP</td>
</tr>
<tr>
<td><strong>Space required</strong></td>
<td></td>
</tr>
<tr>
<td>Machine width</td>
<td>approx. 1,670 mm</td>
</tr>
<tr>
<td>Machine height</td>
<td>approx. 1,998 mm</td>
</tr>
<tr>
<td>Machine length</td>
<td>approx. 9,940 mm</td>
</tr>
<tr>
<td><strong>Net weight</strong></td>
<td>approx. 14,000 kg</td>
</tr>
</tbody>
</table>

**Additional features**

- Single-stroke index roller
- Multiple-stroke index with laser monitoring
- Embossing station
- Perforating station
- Punching station
- Blisters transfer
- Compensation loop
- Multiple-web control
- Forming web control
- Single-stroke index
- Reversing of forming material
- Forming station
- Forming material unwind
- Forming material reel support
- Single-stroke index
- Pre-heating
- Heating station
- Lateral web control
- Camera fill control
- SimTap feeder
- Cutting and splicing table
- Output [1/min] max. 1,300 blisters

**Specifications**

- Format area: Index x width max. 280 x 284 mm
- Forming depth: max. 12 mm
- Reel diameter:
  - Lid material: max. 400 mm
  - Forming material: max. 1,000 mm

**Processable materials**

- Forming materials: Al laminates, PVC, PVC/PVDC, PVC/Aclar, PET, PP, COC
- Lid materials: Al, paper/Al, polyester/Al, PP

**Dimensions**

- Machine width approx. 1,670 mm
- Machine height approx. 1,998 mm
- Machine length approx. 9,940 mm
- Net weight approx. 14,000 kg
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-leveling 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