

Blister machine UPS 1030 ET

A blister system that packages solids and liquids and ensures outstanding long-term cost efficiency.

Universal machine from the UPS 1030 system family

The Blister machine UPS 1030 ET is a universal, high-performance machine with platen sealing. The designation ET stands for "Einfachtakt" in German and means single stroke. All the stations for the main functions forming, sealing and punching operate in the same cycle and are moved by a central drive while transportation of the web through the machine is intermittent. Modules of identical design for forming, sealing, coding and perforating offer process reliability.

The UPS 1030 ET is designed for all applications and packaging variations of modern pharmaceutical manufacturing. For example, it is possible to produce large-sized blisters with a punching

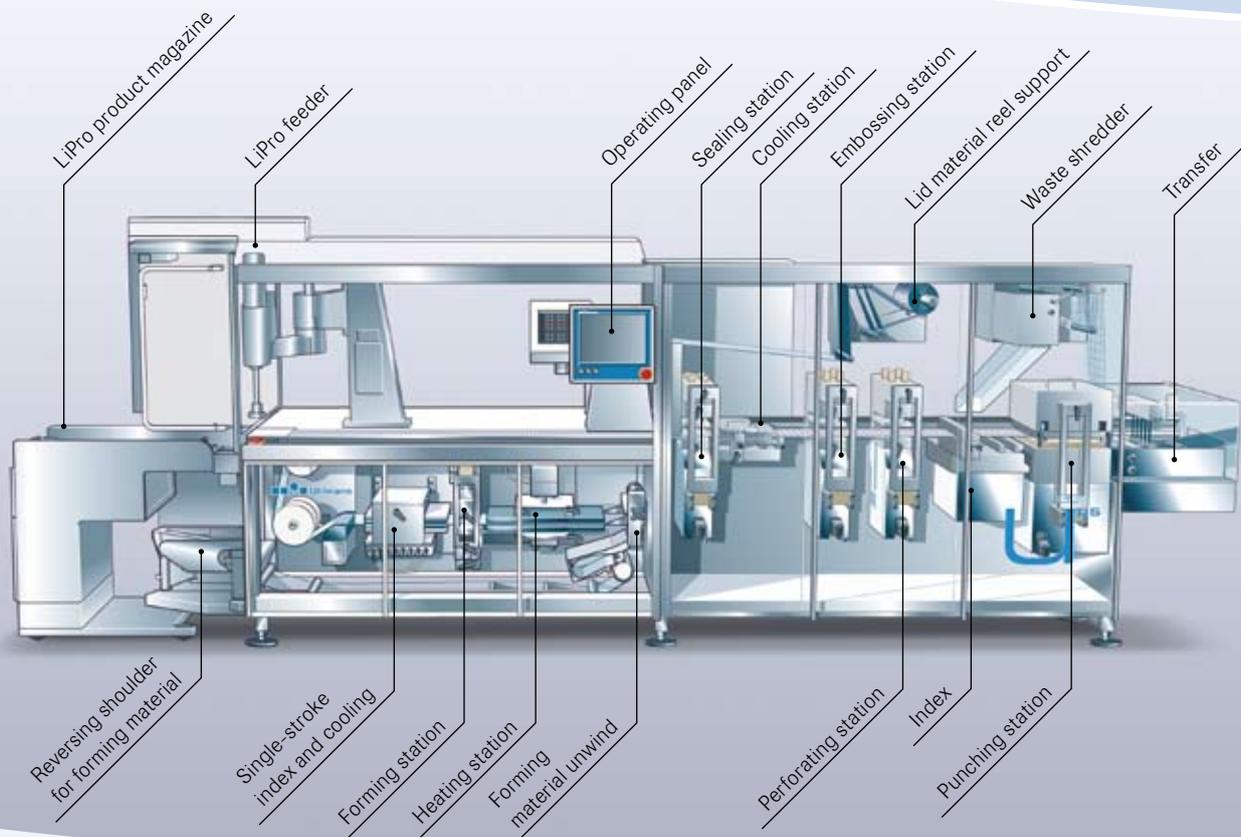
format of up to 140 x 255 mm. The particular feature of this machine is its forming depth of 17 mm. This means that it is not only suitable for tablets, coated tablets and capsules, but also for ampoules, vials, cartridges and syringes. Technical options are available for virtually all applications. The maximum output is 560 blisters/minute operating with up to 8 lanes. In addition to its performance, many other factors contribute to the cost efficiency of this machine. These include the long-term compatibility of components as well as mechanical and electrical updates whenever new technical developments offer advantages. A UPS 1030 ET secures the option of maximum flexibility, top performance and long-term productivity.



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The Blister machine UPS 1030 ET at a glance. Technical data:

| | | | | |
|--------------------------|-------------------|--------------------------------------|---|-------------------------------|
| Output [1/min] | max. 560 blisters | Processable forming materials | Al laminates, PVC, PVC/PVDC, PVC/Aclar | |
| Sealing principle | intermittent | | Processable lid materials | Al, paper/Al, polyester/Al |
| Format area | | | | |
| Index x width | max. 142 x 255 mm | | | |
| Forming depth | max. 17 mm | Space required | | |
| Reel diameter | | Machine width | approx. 1,700 mm | |
| Lid material | max. 400 mm | Machine height | approx. 1,900 mm | |
| Forming material | max. 800 mm | Machine length | approx. 5,400 mm | |
| | | Net weight | approx. 3,000 kg | |



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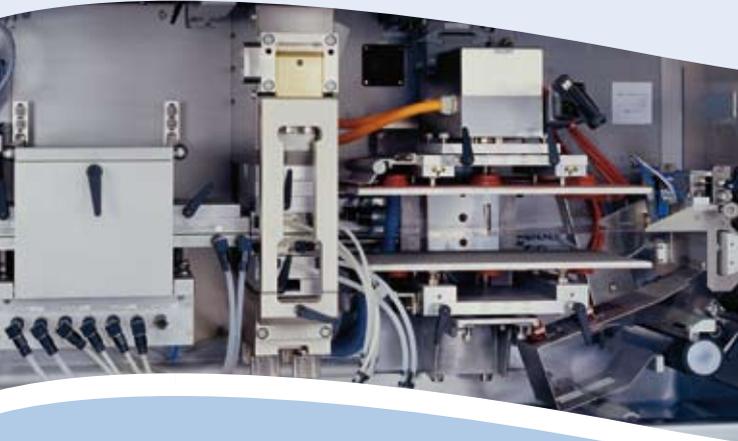
Components and features of the UPS 1030 ET

- Flexibility in terms of blister size and forming depth
- High output and minimum punching waste due to operation with up to 8 lanes
- Servo-driven index controlled by laser sensor
- State-of-the-art drive and control concept
- Open fill section area for easy access and optional extension
- Reliable feeding even of difficult products due to intermittent transport of forming material
- Variable connection to LiPro and SyPro feeders
- Reliable processing of many different lid materials due to platen sealing

Additional advantages of the UPS 1030 ET

- Fast format changeover as no tools required
- GMP-compliant machine design for operation and cleaning in accordance with pharmaceutical specifications
- Central touch screen operation system with 3-D visualization
- All working stations guarded yet completely accessible
- Fully hinged doors for easy maintenance, cleaning, product and format changeovers
- Integration of separate production data acquisition system possible
- Predestined for line integration with the central line control system SCADA

Heating, forming and cooling stations



Sealing station



Punching station and blister transfer



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