

Blister machine UPS 5

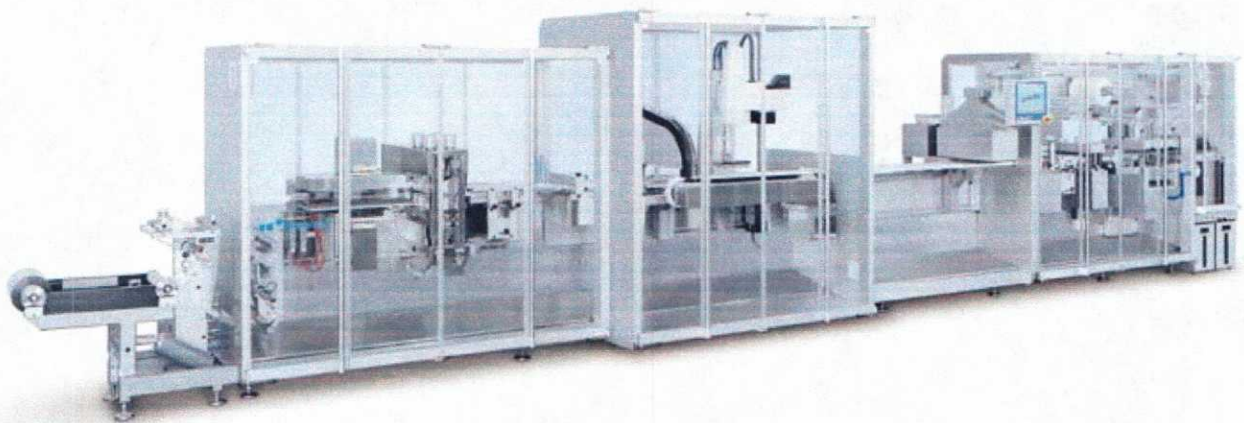
**The consistent further development
of Uhlmann's most successful and
versatile blister machine to date.**

Continuing the evolution

The Blister machine UPS 5 is a high-speed machine with a maximum output of 400 blisters/minute. The evolutionary development of this machine model commenced in 1977 with the UPS 1. A total of 900 machines of the four models preceding the UPS 5 – alone 420 of its immediate predecessor the UPS 4 – are in operation throughout the world. At every development stage, our engineers supplemented established technology with innovative components and state-of-the-art engineering to create a new category of machine. Accordingly, the UPS 5 combines the advantages of Uhlmann's most successful and versatile machine to date, the UPS 4, with many new features. The UPS 5 guar-

antees the option of modular extensions, is suitable for the packaging of solids and liquids, allows various modes of operation and, not least, simplifies operation, cleaning and maintenance. And: tools from the UPS 4 can be used on the UPS 5 – we guarantee that.

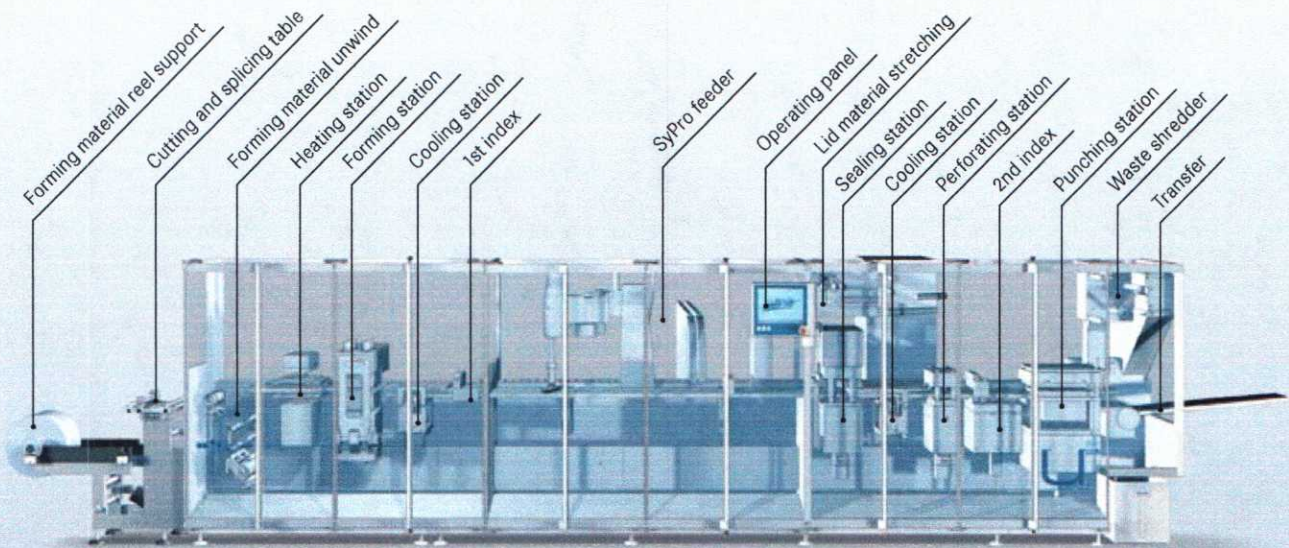
The UPS 5 ET is characterized by its large format area and large forming depth. As a result, it is favored for the packaging of liquid products or dispensers, tropical blisters and all-aluminum blisters. It is also used for the packaging of solids and can process plastic as well as all-aluminum blisters with the same consistent precision.



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The Blister machine UPS 5 at a glance. Technical data:

Output [1/min]	max. 400 blisters	Processable forming materials	Al, PVC, PVC/PVDC, PVC/Aclar, PS, PET
Sealing principle	intermittent		Processable lid materials
Format area		Space required	
Index x width	272 mm x 284 mm		Machine width
Forming depth	max. 40 mm	Machine height	approx. 1,998 mm
Reel diameter		Machine length	approx. 4,000 mm modular extension possible
Lid material	max. 460 mm		
Forming material	max. 800 mm		
		Net weight	approx. 4,000 kg



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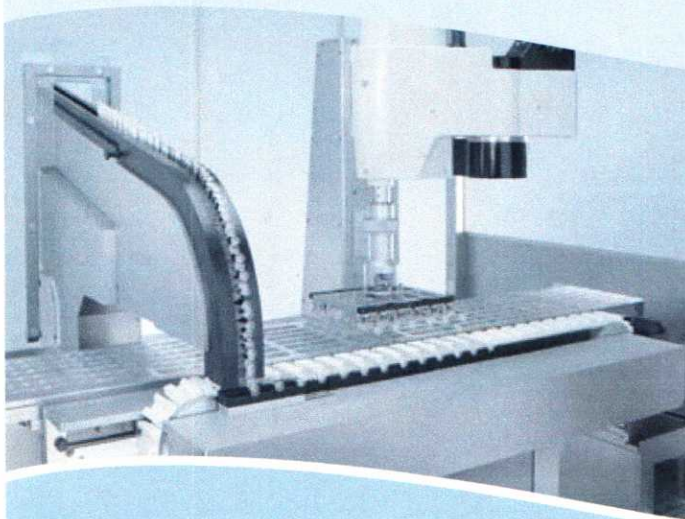
Components and features of the UPS 5

- Modular machine frame for variable extension
- Enclosed stations that can be installed separately
- Servo-driven indexes and blister transfer – time-saving as no manual adjustments necessary
- Redesigned heating station, e. g. heating plates with new coating
- Universal forming station for all types of materials, forming depth up to 40 mm
- Integration of different feeding systems for solid and liquid products or medicinal utensils
- Use of UPS 4 tools guaranteed

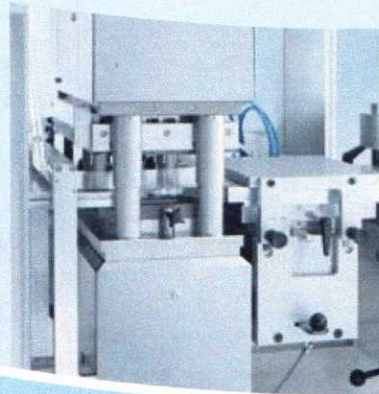
Additional advantages of the UPS 5

- Fast format changeover as few format parts – no tools are required
- GMP-compliant machine design for straightforward cleaning and maximum pharmaceutical safety
- Central touch screen operation with 3-D visualization
- Innovative door sliding and closing mechanism for optimum accessibility and reduced noise level
- Integration of separate production data acquisition system possible
- Predestined for line integration with the central line control system SCADA

SyPro feeder



Sealing station



Punching station



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