

泡罩包装设备 BLU 400

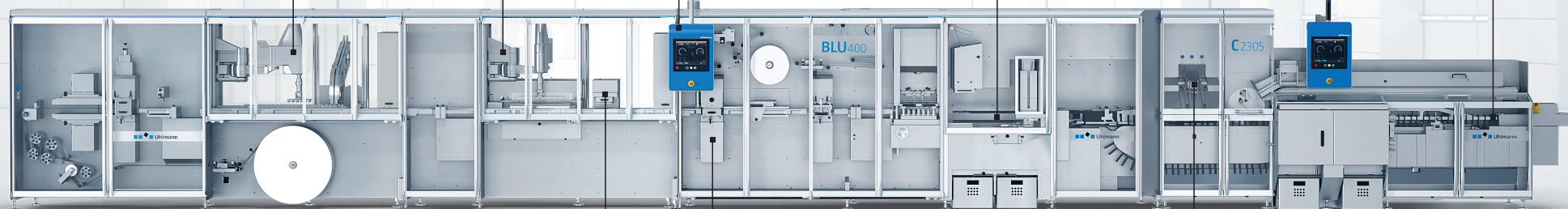
全新维度实现液体制剂产品的包装

多样化下料
全自动 (LiPro, Sypro) 或手动

直观准确的操作
通过触摸屏及覆盖所有生产进程的app实现

稳定的泡罩板传送
适用密封及钳夹包装

尽可能小的空间完成序列化
置于装盒机的打印及检测系统



集成的位置监控
在压入工位

产品过热保护
泡罩密封后及设备停机时刻

产品信息插页
说明页、说明册及其他待包装组件

液体制剂产品的理想方案

无论是安瓿、注射器、西林瓶、卡式瓶或笔形产品的包装：泡罩包装机 BLU 400 是一款针对医药市场液体制剂包装需求的定制化方案。基于模块化理念，可确保安全且轻柔的产品处理。即便对于极为敏感的产品，也可实现在各个阶段提供保护。灵活且高效的运行可实现最大输出达400板/分。配套装盒机 C 2305 可实现连续性输出达300盒/分，装盒机 C 2504 最大输出可达450盒/分。

- **柔性处理：**轻柔处理产品避免破损，例如，降低下料高度，或集成产品在压入和密封工位的位置监控。
- **直线式操作：**直观的操作，通过SmartControl触摸屏系统实现便捷及引导式模具更换。
- **灵活：**无论是下料器、填充装置、传送装置或装盒机 — 进一步配置，满足产品需求。
- **高效：**基于产品和泡罩旋转优化的模具，可实现最少的浪费及最大的输出。

泡罩包装机 BLU 400 及装盒机 C 2305 / C 2504 参数一览

泡罩包装机 BLU 400		装盒机 C 2305	C 2504	
输出	最大 400 板/分	输出	最大 300 盒/分	最大 500 盒/分
运行模式	单通道至八通道	运行模式	连续式	连续式
应用范围	液体制剂产品	纸盒尺寸 [长 x 宽 x 高]	最大 105 mm x 105 mm x 155 mm	最大 80 mm x 90 mm x 155 mm
密封方式	平板密封	挡齿间距	5"	4"
成型范围 [牵引 x 宽度]	最大 195 mm x 284 mm	装盒板数	最大10板	最大10板
成型深度	最大 42	堆板高度	最大可达 100 mm	最大可达 100 mm
卷轴尺寸	成型膜最大 800 mm 盖膜最大 400 mm	关盒方式	插入式、热熔胶	插入式、热熔胶
可运行成型材料	ET, PET/PE, PET-G, PVC, PS*, PP*			
可运行盖膜	铝, PET, PP*, 纸, Tyvec*			

* 未来可实现功能

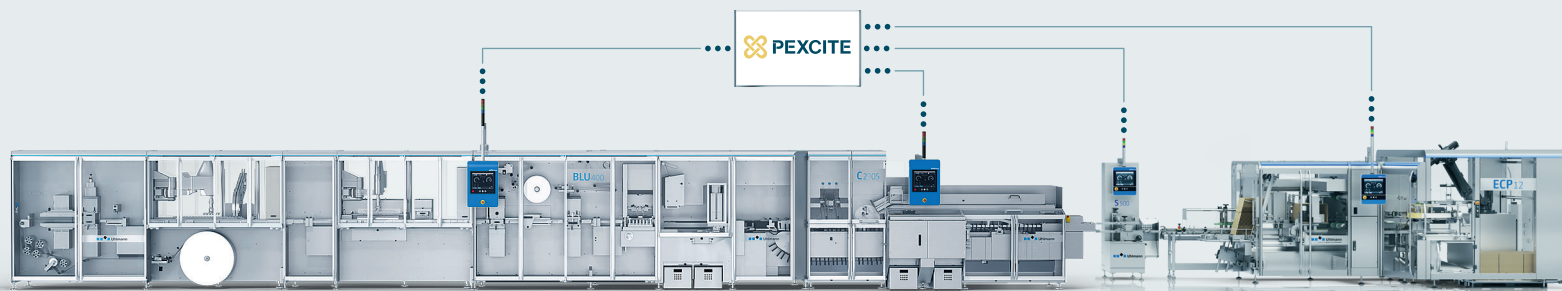


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Uhlmann 可预先提供精准的咨询服务,为您的包装线匹配优选备件。Uhlmann 专用的Pexcite软件平台将其包装生产线与您的制药生产流程进行联网 — 以实现更大的连接性、透明度和安全性。

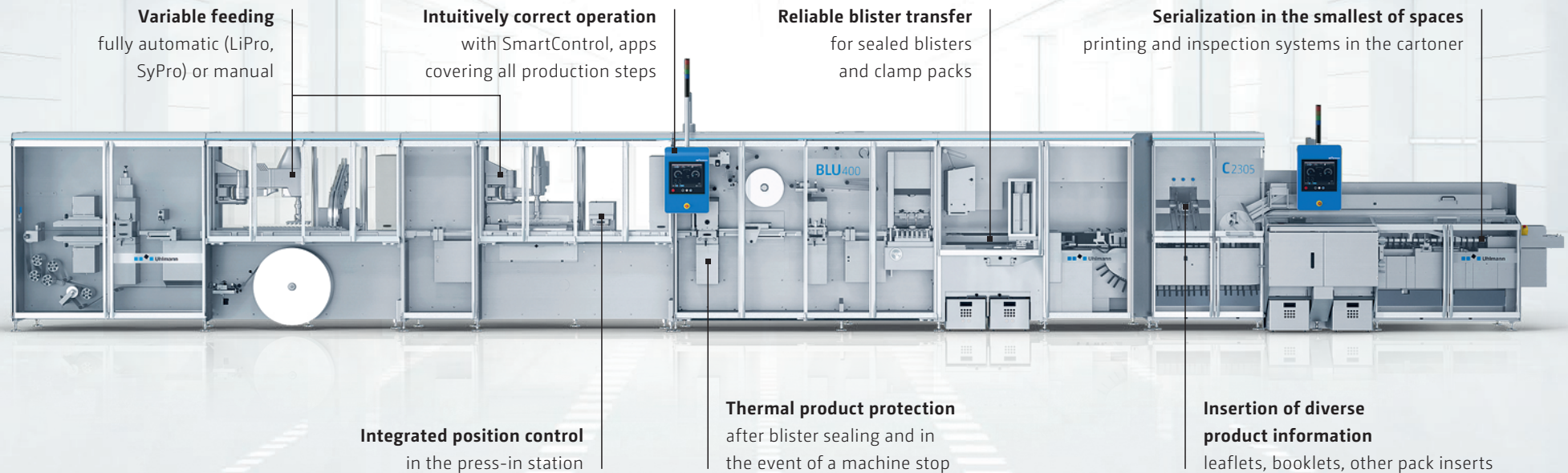


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Blister machine BLU 400

The packaging of parenteral products in a new dimension.



Variable feeding
fully automatic (LiPro,
SyPro) or manual

Intuitively correct operation
with SmartControl, apps
covering all production steps

Reliable blister transfer
for sealed blisters
and clamp packs

Serialization in the smallest of spaces
printing and inspection systems in the cartoner

Integrated position control
in the press-in station

Thermal product protection
after blister sealing and in
the event of a machine stop

**Insertion of diverse
product information**
leaflets, booklets, other pack inserts

Uncompromisingly geared to parenteral products.

Whether the packaging of ampoules, syringes, vials, bottles, cartridges, or pens: the Blister machine BLU 400 is tailored to the needs of the pharmaceutical market when it comes to the packaging of parenteral products. Based on a modular system, it convincingly ensures safe and gentle product handling with its detailed and well-conceived concept. Unrivalled safety functions protect even the most susceptible products at all stages. These are combined with utmost flexibility and efficiency – for an output of up to 400 blisters per minute. The perfectly linked Cartoner C 2305 allows subsequent processing of up to 300 cartons per minute.

- **Gentle:** Very careful handling avoids damage to the products, e.g. minimum feeding heights, or integrated product position control in the press-in and sealing station.
- **Straightforward:** Intuitive operation and easy, guided format changeovers with the SmartControl operating system.
- **Flexible:** Whether feeder, fill section, transfer, or cartoner – boundless configuration possibilities to meet all product requirements.
- **Efficient:** Optimum format utilization on account of product and blister rotation. This results in minimum waste and maximum machine output.

The Blister machine BLU 400 und Cartonierer C 2305 and C 2504 at a glance

Blister machine BLU 400		Cartoner C 2305	C 2504
Output	max. 400 blisters/min.	Output	max. 300 cartons/min. / max. 500 cartons/min.
Mode of operation	single- to eight-lane	Mode of operation	continuous / continuous
Scope of application	parenteral products	Carton size [A x B x H]	max. 105 mm x 105 mm x 155 mm / max. 80 mm x 90 mm x 155 mm
Sealing principle	platen sealing	Pitch	5" / 4"
Format area [index x width]	max. 195 mm x 284 mm	Number of blisters	max. 10 / max. 10
Forming depth	max. 42	Blister stack height	max. 100 mm / max. 100 mm
Reel diameter	forming material max. 800 mm lid material max. 400 mm	Types of closure	tuck-in, hot-melt / tuck-in, hot-melt
Processable forming materials	ET, PET/PE, PET-G, PVC, PS*, PP*		
Processable lid materials	Al, PET, PP*, paper, Tyvec*		

* Function available at a later date

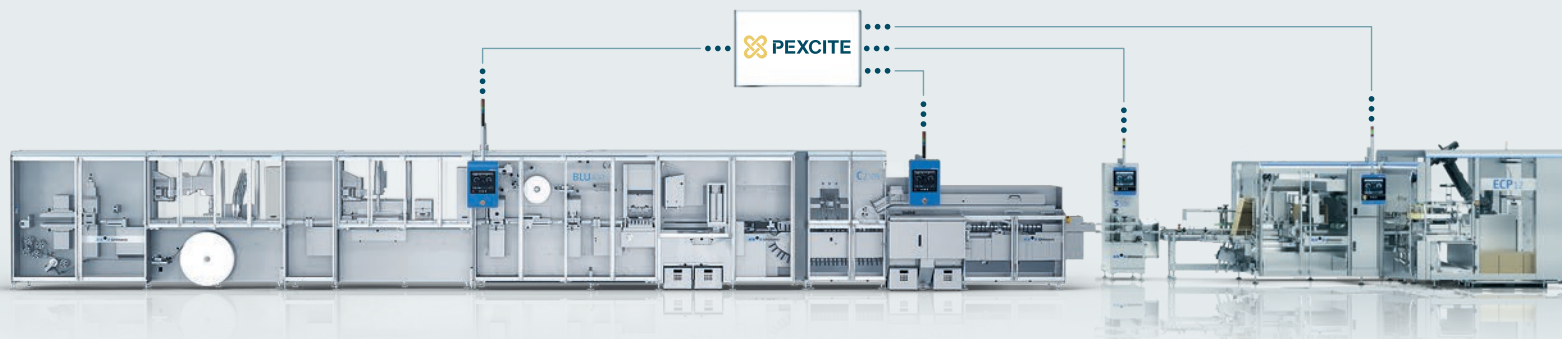


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Controlling complex lines in a comprehensive, user-friendly and safe way

Uhlmann offers precise consulting services in advance to put together the best components for your packaging line. Uhlmann's proprietary Pexcite software platform networks both Uhlmann lines as well as machines and equipment from other manufacturers along with your pharmaceutical production processes – for greater connectivity, transparency and maximum safety.



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