

BEST PRACTICE

Childproof and senior-friendly

A joint project of the two sister companies KOCH and Uhlmann Pac-Systeme. Packing tablets with different dosages in three blister sizes – and doing so in such a way that the packaging is both childproof and suitable for senior citizens.



The packaging is designed in such a way that the tablets can only be pressed out of the blister once the wallet has been broken open in a specific position and a perforated tab has been removed. The action is senior-friendly, but difficult for children to carry out.



The close collaboration between KOCH and Uhlmann under the joint umbrella of

the Uhlmann Group ensures not only perfectly-matched facility components and processes, but also highly-efficient project work.

Cristian Reiter, CTO & Managing Director at Uhlmann



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The requirement

An US pharmaceutical manufacturer offers medications in twelve blister formats and three blister sizes containing tablets with different dosages. The particular challenge: two of the three blister sizes need to be delivered in folding boxes to hospitals, with the third size going in wallets and folding boxes to pharmacies. The pharmaceutical packaging must be childproof and at the same time senior-friendly.

The solution

The two subsidiaries of the Uhlmann Group, KOCH and Uhlmann, combined their strengths and developed a blister wallet line consisting of the Blister Machine B 200 from Uhlmann, the Wallet Machine KS-PL from KOCH and the Cartoner C 200 Uhlmann. With KOCH's decades of experience in designing customer-specific solutions and Uhlmann's expertise in pharmaceutical packaging, the sister companies complemented each other perfectly.



Blister Machine B 200 ...

... the basis for the economical packaging of small batches



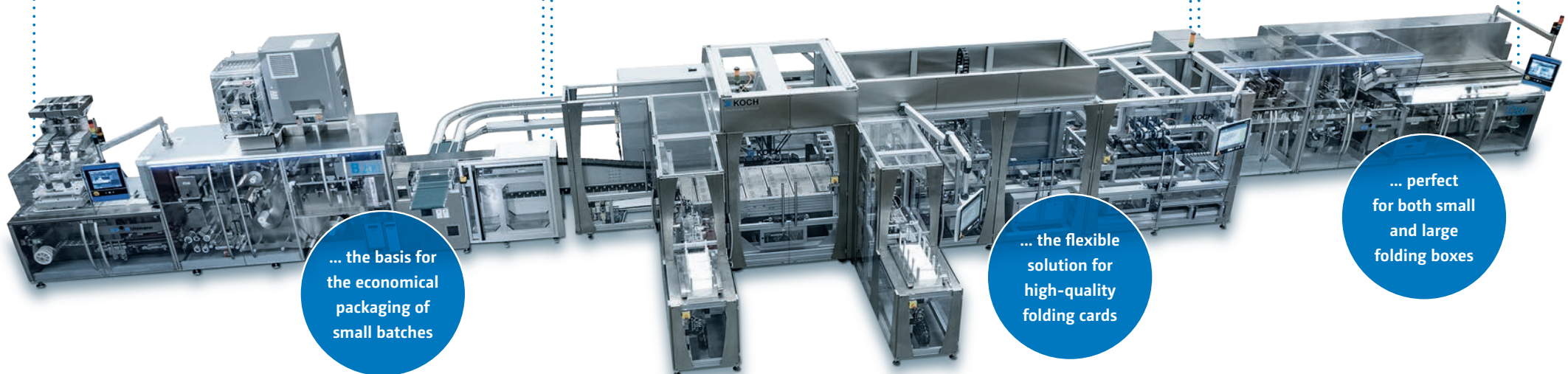
Wallet Machine KS-PL ...

... the flexible solution for high-quality folding cards



Cartoner C 200 ...

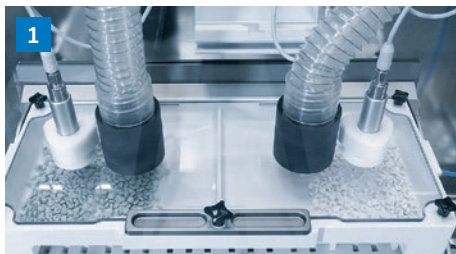
... perfect for both small and large folding boxes



BEST PRACTICE

TASKS

- **Childproof and at the same time senior-friendly** pharmaceutical packaging.
- Packing **tablets with different dosages** in **three blister sizes**.
- Two of the three blister sizes need to be delivered **in folding boxes to hospitals, with the third size going in wallets and folding boxes to pharmacies**.



The SimTap feeder reliably places tablets in up to three different dosages per blister in the correct aluminum pockets.

SOLUTIONS

- A blister wallet line **that perfectly combines the blister machine B 200 from Uhlmann, the wallet machine KS-PL from KOCH and the cartoner C 200 from Uhlmann**.
- The blisters intended for hospitals **are sent via a bypass directly to the Uhlmann cartoner C 200**.
- **Accurate handling of the enormous variety of blister formats** through a newly developed folding system.



The KS-PL wallet machine from KOCH seals the blisters with front and cover cards to create childproof, yet senior-friendly wallets.

RESULTS

- Despite the enormous variety, **all product variants can be packaged on one line** the process **can be controlled via an unified, consistent operating system**.
- **Reduction of the complexity** of the packaging process.
- If required, blister packaging, wallet machine, and cartoning **can be operated independently of each other**.



A completely newly developed folding system allows many axis movements and can handle the enormous variety of blister formats.



The wallets are transferred in stacks of seven to the Uhlmann C 200 cartoner.

SAFE



through the use of a packaging that is both childproof and senior-friendly.

FLEXIBLE





due to independent operation of blister machine, wallet machine and cartoner.


EASY



for the operating personnel by reducing the complexity of the packaging process.

Experience the blister wallet line on YouTube 

Learn more about our brand KOCH KOCH medplus® 

More about the KOCH PackagingLine. 

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