

#CASE STUDY COMBI-PRODUCTS

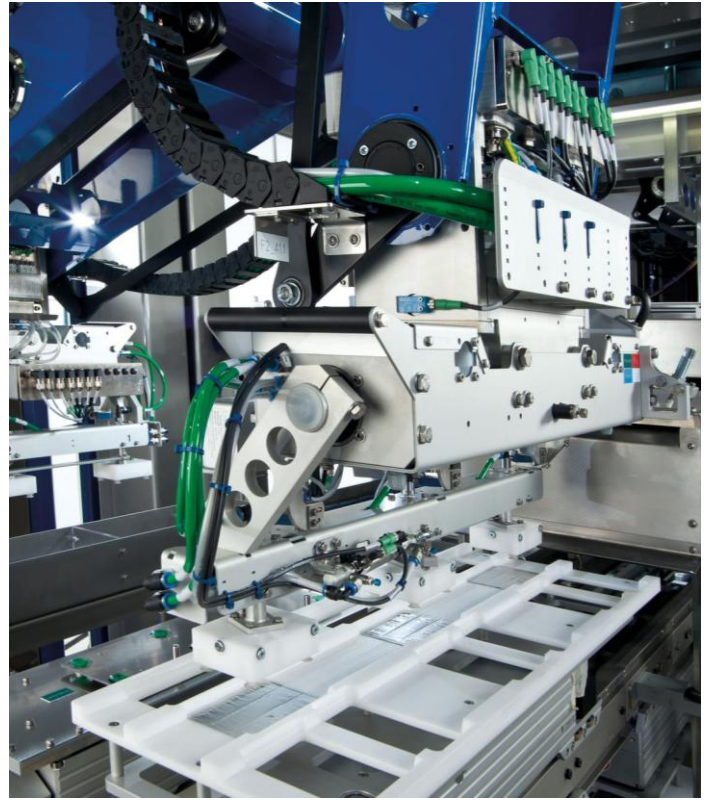
PACKAGING LINE EFFICIENTLY REALISES BATCH SIZES OF ONE FOR CLINICAL STUDIES

- Highly flexible line
- Personalised patient kits
- Absolute control safety
- Compact machine layout

REQUIREMENT

Fully automatic packing of personalised patient kits: A Schubert packaging line for the Swiss pharmaceutical company F. Hoffmann-La Roche automatically packs individual patient kits for clinical studies.

A mistake during packing can make the results of a laborious clinical study worthless; a packaging line is a worthwhile investment even when small batch sizes are produced. For F. Hoffmann-La Roche, a Schubert packaging line manages batch sizes of 1: It assigns drugs and placebos to individual patients and packs them together into personalised patient kits.



SOLUTION

Schubert technology is ideal for maximum flexibility, combining simple mechanics with intelligent software. The Transmodule decouples processes: erecting, filling and closing cartons can happen simultaneously. It moves in cycles or continuously, depending on the task. Each Transmodule has an ID, enabling batch size 1 production. For example, an individual patient blister is assigned to a specific Transmodule at a defined location. Production only starts when the verified carton reaches the loading station. Process organization and data management are fully integrated and work hand in hand.

TECHNICAL DETAILS

- 7 sub-machines & Intelligent data management
- Transmodule with ID codes in use
- Vision system in use
- Camera system ensures product control

SPEED

- up to 55 products / minute

“For years we have had the vision of packing the patient kits for our clinical studies automatically. That dream is now being fulfilled.”

Christoph Mettler

Head of Clinical Packaging and Labeling, F. Hoffmann-La Roche AG Schweiz



TO VIDEO