SCHUBERT
PHARMA

#CASE STUDY
BOTTLES

SENSITIVE HUMAN PLASMA PRODUCTS RELIABLY AND SAFELY PACKAGED

- High Level of Safety through numerous visual inspections
- Tamper-proof labeling with process-stable color-changing lacquer
- Comprehensive integration into the company's MES (Manufacturing Execution System)

REQUIREMENT

Pharmaceutical packaging in a fully integrated compact line: Schubert-Pharma developed a compact line for CSL Behring in Bern, combining all packaging steps in one system fully integrated into the production control system – from labeling to final palletizing.
The new line handles two vial sizes in ten configurations, meeting the highest pharmaceutical safety standards. CSL Behring, part of the CSL Group, is one of the world's leading biotech companies. It develops therapies for rare and serious diseases, especially bleeding disorders and immune deficiencies. For this latest modernization, CSL Behring once again relied on the pharmaceutical packaging expertise of Schubert-Pharma.

SOLUTION

The task was to integrate various formats and pack sizes into a compact, user-friendly line without compromising pharmaceutical safety standards. Both 50- and 100-ml vials are packed into cartons, then into shipping boxes. Booklets of varying size are inserted as product information. Two Transmodul sections and integration into the control system ensure reliable, dispatch-ready packaging of sensitive plasma products. The line also stands out for its ergonomic design, consistent user interface and low spare parts requirements – reducing maintenance and improving operational efficiency.

TECHNICAL DETAILS

- 2 vial sizes
- 10 Packaging combinations
- Format changeover in 5 to 30 minutes
- Compact machine layout
- Transmodule in use

SPEED

- up to 200 products / minute

"The process-stable laser printing in combination with the various legally compliant, anti-counterfeit labelling represented a real challenge. However, working with the laser supplier and the packaging manufacturer, the team successfully came up with a specific solution in several iterative loops."

Tamara Huber
Project Manager, CSL Behring