

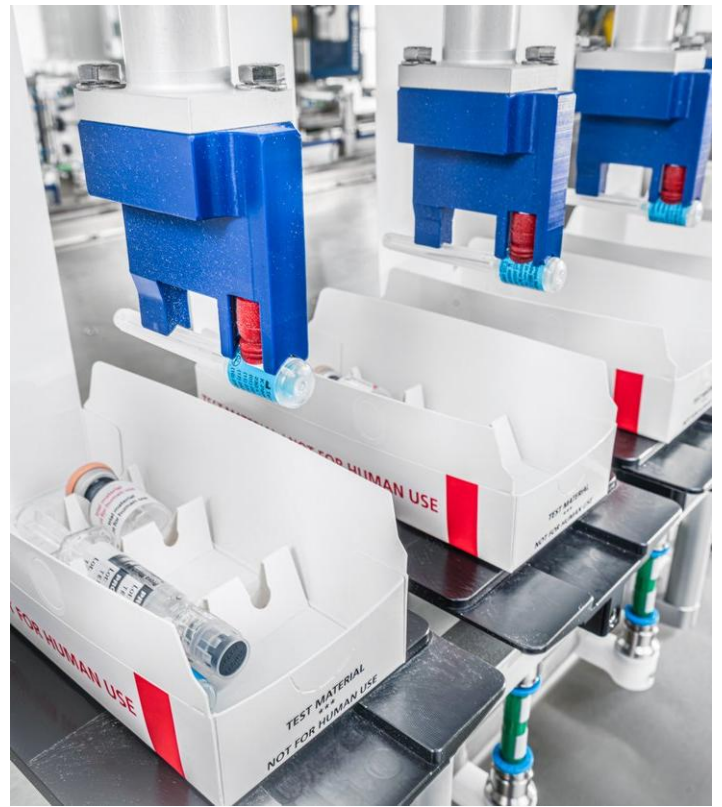
#SUCCESS STORY COMBI KITS

ELEVEN FORMATS, ONE LINE – FLEXIBLE-LARGE SCALE FACILITY FOR GLOBAL VACCINE DISTRIBUTION

- Sustainable cardboard dividers replace previous plastic trays
- Comprehensive line clearance concept for maximum production safety
- Six lines across three European sites featuring a standardized basic principle

REQUIREMENTS

Global market, eleven configurations, one carton:
A leading vaccine manufacturer faced a complex challenge: depending on the target market, its vaccines must be packaged worldwide in eleven different formats. The objective was an automated solution capable of bundling all variants into a single, standardized packaging size, despite different sizes and weights. At the same time, the goals were to utilize sustainable cardboard dividers instead of plastic trays and to meet the strict line clearance concepts of the pharmaceutical industry. For the manufacturer, this major project featuring six lines across three European sites represented a first-of-its-kind project. To ensure process-compliance execution, the manufacturer relied on Schubert's 60 years of experience.



SOLUTION

Technical Support from Germany
Gerhard Schubert GmbH, a pioneer in robot-based packaging processes, implemented the highly customized project using its modular TLM system. The solution features an 18 meter long line, where the robots handle erecting, gluing and filling the boxes across nine stations. Rail-based Transmoduls transport the blanks and apply glue on their way to the F2-Robot. The company's in-house Packaging Competence Center (PCC) provides support with expertise in material selection and machine runnability.

TECHNICAL DETAILS

- Eleven different format configurations
- Nine frames across 18 m line-length
- Changeover in under 30 Minutes
- Continuous camera monitoring with challenge tests

SPEED

- Up to 270 Products / Minute

“This is how we ensure that the system does not package the wrong product for the respective batch – and prevent products from having to be rejected.”

Luca Blümlein

Projectmanager Schubert-Pharma, Schubert Packaging Systems GmbH



TO VIDEO