SCHUBERT
PHARMA

#CASE STUDY
COMBI-PRODUCTS

ASSEMBLING AND PACKAGING OF COMBI-PACK

- 12 machines form the overall packaging line
- Logical flow of individual functions ensures a stable packaging process
- Linking all control functions and data collection systems, taking into account the requirements of CFR Part 11
- Format changeover within 10 minutes

REQUIREMENT

For a pharmaceutical manufacturer that produces a slimming product, Schubert-Pharma developed a complete line for multiple-component packaging with aesthetically attractive qualities.
The product was originally a prescription medication for weight loss. In many countries it has been sold for some time in weaker doses over the counter in supermarkets and pharmacies. When the FDA gave the green light for a launch on the US market, the manufacturer decided to increase its capacity. As well as increasing demand, creating an appealing image was also a key factor.

SOLUTION

The turnkey project included depalletizing, tray handling, labeling, coding and shrink-wrapping. The final steps of the twelve stations are end-of-line packaging, palletizing and pallet securing – fully automated by Schubert-Pharma. Up to 100 kits per minute are produced, with format changes completed in ten minutes. The experts structured individual functions and linked control, data generation and processing. The result: a stable packaging process. Example: To ensure label readability when first opened, the bottle is optically aligned before insertion and placed in the tray by a robot in the correct position.
e tray in the required orientation.

TECHNICAL DETAILS

- Assembly and packaging line consists of 12 machines
- The line is currently designed for two different formats: a starter kit with 75 ml bottles or as a refill pack (150 ml bottles)
- Comprehensive validation work (IQ and OQ)

SPEED

- up to 100 products / minute

“The perfect presentation of the brand logo on the plastic bottles is ensured thanks to image processing checks.”

Karin Kleinbach
Sales Director Pharma, Schubert Packaging Systems