

## #CASE STUDY PENS

### THERMOFORMING AND CARTONING PHARMACEUTICAL PRODUCTS

- Deep-draw thermoforming and cartoning in one system
- Quick format changeovers
- Compact design, High-Line efficiency
- Less manual documentation and faster batch changes due to automated line clearance

### REQUIREMENT

The deep-drawing and cartoning processes are generally carried out on two separate machines: Schubert-Pharma efficiently combines these tasks for its client IDT Biologika in a space-saving manner within a single system.

Increasing complexity of packaging solutions, changing customer order behaviours and the trend towards smaller batch sizes all pose new challenges for production technology. This led to IDT Biologika opting to follow a new production strategy for packaging. With Schubert-Pharma, the company found an ideal partner.



### SOLUTION

At IDT, vials, blistered syringes, combination packs and medical devices in thermoformed packaging are processed. Schubert-Pharma developed a compact, easy-to-operate system that handles a wide range of formats efficiently. A key feature is the automated line clearance: it removes remaining packaging materials and products from the line. This saves time and significantly increases machine availability. Despite the variety of packaging tasks, the system is space-saving and highly flexible – making it ideal for changing products and pharmaceutical production requirements.



### TECHNICAL DETAILS

- Auto-injectors in packs of 1, 3, 4, 6 and 12
- Folding boxes in packs of 4, 6, 10 and 12
- Vials in packs of 1, 2 and 10, either standing up or lying in dividers
- Vision scanner in use
- Inspection via packaging machine control

### SPEED

- 80 - 240 products / minute

**The fact that we could implement the required processes on a single line was the decisive factor. Other providers could not offer a system where all necessary capabilities were combined in a single machine from a single manufacturer."**

**Karin Kleinbach**

Sales Director Pharma, Schubert Packaging Systems