

# IBC 150. THE LINE FOR FREQUENT AND FAST CHANGEOVERS.

## Bottle infeed

Guided, intermittent-motion transport using a rake system, no micro-stops or ramp-up phases

## Cremer tablet counting and feeding system

Up to four counting modules for added bottle and counting capacity

## Capping system

Scalable performance with up to three capping heads

## Bottle discharge

Controlled transfer of marketable bottles only



## Desiccant feeding

Optional: enclosed system for up to three portions per bottle

## Cotton feeding

Optional: monitoring of presence and correct insertion

## PROFITABLE PACKAGING OF VARYING SOLID DOSE BATCHES IN BOTTLES

The IBC 150 offers flexible efficiency for the packaging of small to medium-sized batches of solid dose products in bottles. Extensively automated, integrated, and centrally controlled via a touchscreen using the SmartControl operating system, the monobloc line is on average 20 percent more productive than solutions comprising separate components. Measuring around five meters, it is also half the length.

- Changeover to a different bottle diameter in just six minutes
- Handling of round, rectangular, and oval bottles
- Servo-regulated capping system with torque monitoring for all standard types of caps
- Few format parts and fast format changeovers
- Optional modular extensions: e.g., desiccant canister or sachet feeder, checkweigher, tablet inspection system, and cotton feeder

## Output data of the IBC 150 at a glance:

<b>Max. output</b>	150 bottles/min.
<b>Max. counting speed</b>	24,000 products/min.
<b>Bottle volume</b>	30–1,500 ml
<b>Bottle height</b>	45–200 mm
<b>Bottle diameter</b>	25–125 mm

# SOLUTIONS BEYOND PACKAGING. ADDED VALUE FOR YOUR PROCESSES. WITH MACHINES, SERVICES, AND DIGITAL SOLUTIONS.



**MAXIMUM EFFECT:  
ACCURATE SINGLE TABLET  
REJECT FUNCTION**

**CLEVER TRAINING,  
CLEVER EMPLOYEES:  
TRAINING PLUS**

Specific elimination of damaged tablets at the beginning of the process instead of removing full bottles at the end? And that at high production speed? The optional single tablet reject function (patent pending) for the Bottle line IBC 150 reduces waste to a minimum. The tablets already undergo inspection on the vibratory plate of the counting system. Identified damaged products are carefully and systematically ejected.

The objective of TrainingPlus is to upskill your personnel so they can competently handle your Uhlmann machines and lines. We use hands-on training to progressively train your employees over a longer period. Individual instruction schedules and freely combinable modules – operation, maintenance, format changeovers, electrics/electronics, and administration – form the basis. Training takes place at our training center in Laupheim so your production remains uninterrupted. A certificate documents successful completion.



**ADDED PROCESS  
TRANSPARENCY: LINE  
AND SITE MANAGEMENT**

**SOLIDS IN BOTTLES: A  
PRODUCTIVE AND RELIABLE  
END-TO-END PROCESS**

The relevance of consistently collected, displayed, and analyzed key performance indicators is increasing in the context of Industry 4.0 automation. Our line and site management systems ensure transparency throughout the entire packaging process, and identify potential for added productivity. You obtain figures (KPI, OEE) at the touch of a button: for consistent analysis in compliance with CFR 21 Part 11, and for optimized processes, e.g., using an Uhlmann single PDA system or SCADA.

Integrated, pharmaceutically compliant primary and secondary packaging from the bottle to the pallet – we configure the ideal packaging line according to your specifications. Downstream from the Bottle line IBC 150 follows the GMP-compliant Labeler L 180. Next in line are optimally coordinated cartoners and end-of-line packaging machines. Furthermore, we also integrate Track & Trace solutions – either inline, incorporating customized printing and inspection systems, or using the Uhlmann Serialization Platform USP.