



## ZB 391 FEEDING CONVEYOR

Feeding conveyor for realizing an automated dosing process for cans and jars in combination with the DS 560 P.



The ZB 391 feeding conveyor was specifically designed for the automation and optimization of dosing processes using the Handtmann DS 560 P dosing system. It offers holding and precise positioning of containers such as cans and jars underneath the dosing system. The overall solution allows medium-scale and industrial producers in the areas of sausage and meat products, pet food, or gourmet products/food service/gastronomy the efficient processing of pasty and chunky products, as well as fluid product with add-ins. Typical applications are corned beef, luncheon meat, pâté, and soups.

### ADVANTAGES

- > Perfectly coordinated overall solution for maximum process reliability and minimum down-times
- > Flexibility in production due to versatility of use
- > Fast and simple format change for different container shapes
- > Compact design
- > Hygienic design for optimum cleaning

### PERFECTLY COORDINATED OVERALL SOLUTION

The ZB 391 feeding conveyor, in combination with the Handtmann DS 560 P dosing system, is the ideal solution for precision and efficiency in production processes. It ensures the accurate positioning of containers and optimizes the dosing process of pasty, chunky, and fluid products. The overall solution is controlled centrally and offers maximum efficiency in the production process also thanks to a well-coordinated safety concept.

### SIMPLE OPERATING PRINCIPLE AND A WIDE VARIETY OF CONTAINERS

Short product travel allows the simultaneous filling of up to 8 containers. Reduced cycle times boost production capacity and lead to greater reliability and less potential for error.

A great variety of container shapes, sizes, and material can be handled reliably. The quick and tool-free exchange of mold components facilitates the changeover to other container shapes: be it round, square, or oval, cans, jars, or cups.

### COMPACT DESIGN FOR THE FLEXIBLE INTEGRATION IN PRODUCTION ENVIRONMENTS

The machine's compact design ensures flexible integration, even in existing systems. The containers can be fed from both right or left. Compatibility with upstream machines for container feeding and downstream machines for container sealing is ensured at all times, including standardized interfaces for easy signal exchange.



#### BASIC EQUIPMENT

- > Forming set for 1 container
- > Safety housing for combination with DS 560 P
- > X40 socket

#### OPTIONS

- > Forming set for 1 additional container
- > Version:
  - > Container feed from the right
  - > Container feed from the left
  - > Signal exchange with third party machines (HLC electronics)

#### TECHNICAL DATA

Performance	Up to 200 containers/min* (depending on container size and number of dosage points) *Details refer to 8 cans with Ø 60 mm
Product sizes	Weight: 50 to 1,500 g
Container dimensions	Height: 30 to 150 mm Diameter: 50 to 160 mm Length: 50 to 200 mm
Container shape	Rounds, square, oval
Container type	Cans, jars, and cups
Number of dosing points	2 to 8
Conveyor belt	Height: 800 to 1,000 mm Belt width: 180 mm Conveyor belt speed: 40 m/min.
Technical prerequisites VF	VF 800: PCM and X40 interface VF 600: PCK4 and X40 interface
Machine dimensions	Length: 2,850 mm Width: 1,050 mm Height: 2,050 mm
Connected loads	230 V/2 kW
Safety	PLd