



VDM DEPOSITING SYSTEM

Automatic and multi-lane dosing directly into containers

BENEFIT FROM THESE ADVANTAGES:

- Perfectly suited for trays, cans, jars and thermo-forming packaging
- Easily combined and synchronised with packaging machines
- Gentle dosing of a wide variety of filling products, from semi-viscous to firm, less fluid products
- Highly economical due to dosing with flow divider onto 1 to 8 lanes
- Accurate-to-the-gram portioning and reduction of give-away
- Optimum product appearance thanks to the movement with the servo-controlled lifting device individually adjusted to the product characteristics
- Large range of applications due to portion weight of up to of 2,500 grams
- Product diversity thanks to large selection of dosing heads and dosing valves
- Simple and fast conversion of the valves
- Fast and variably adjusted distance between valves facilitates easy format changes

The system solution for fully automatic dosing: Handtmann VF 800 vacuum filler with flow divider and Verbufo VDM depositing system. A complete solution with direct feed to the packaging solution. Be it thermo-forming packaging machine, tray sealer, tray, tub, can or jar line – the system is adaptable in numerous variations to the respective type of packaging machine. The modular design and versatile configuration of the Handtmann depositing line also facilitates flexible switching between two or multiple packaging lines.

The exceptional weight accuracy per product and lane results from the optimal synchronisation of all modules. The servo-driven flow divider automatically sets the optimum process parameters for each individual product before production starts. Changes in the product caused by batch fluctuations are automatically compensated by the system. A constant and therefore optimal product flow requires a continuous and safe process.

The traversing movement for the optimum dosing process is set via the VDM control system. For this, several filling points and filling speeds can be set and combined. This ensures optimum distribution of the product in the container or optimum filling of the container, and thus optimum presentation of the product in the container. All product-specific programs are stored in the system control and are easily retrieved when production starts. Trays, cans, jars or packages with entirely different packaging heights can therefore be quickly inserted and filled without any adjustments when changing products. A large selection of valves further extends the range of applications for many different industries and products.



Applications

Meat/fish Liver sausage, steak tartare, fresh meat, fish salads, convenience food, etc.

Baked goods Various fillings and filling products, etc.

Dairy products Cream cheese, spreads, butter, herb butter, etc.

Vegetarian/vegan products Vegetable mix, tofu products, spreads, convenience food, etc.

Confectionery Sweets, fruit paste, spreads, jams, fillings, etc.

Delicatessen Salads, dips, sauces, dressings, mash, pesto, etc.

Pet food Raw, boiled or cooked meat products, vegetable mixes, etc.

VALVE VARIANTS

- Standard version
- with cutting function
- with air blow function
- with slotted nozzle

PERFORMANCE PARAMETERS (depending on container)

- Production variants 1 to 8 lanes
- Portioning capacity (container changing time)
 - 3,000 portions/hour (2 dosing heads)
 - 6,000 portions/hour (4 dosing heads)
 - 9,000 portions/hour (6 dosing heads)

OPTIONS AND ACCESSORIES

- Flow divider, optionally from Verbufo or Handtmann
- Safety housing

PRODUCTS

