



# Packing of clamshell trays

Automated handling and packing of almost any product into clamshell trays

- *Automated high-speed process*
- *Flexible packing*
- *Handling of various products*
- *High yield due to accurate weighing*



# Fully automated packing line for clamshell trays

*Cabinplant A/S has fully automated and perfected the often very labor-intensive and difficult packing of product into clamshell trays.*

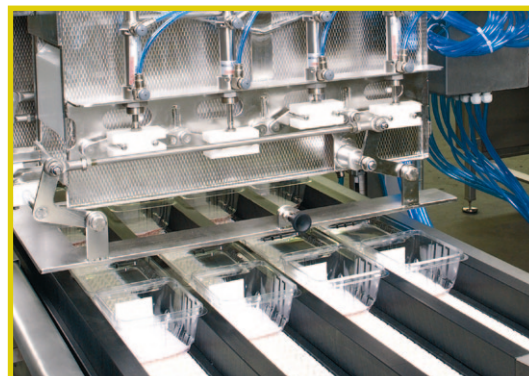
Cabinplant has developed an integrated system for dispensing, conveying, filling, closing, labelling and - if required - packing clamshells into master cartons.

The system is available in a double-lane and a four-lane version.

The stacked clamshells are placed in a magazine from where they are dispensed and placed on a step conveyor for conveyance to the filling position.

In the filling position, a Cabinplant distribution/accumulation tool transfers the product into the clamshells.

From the filling position, the clamshells are conveyed to a Cabinplant closing unit and then to a labelling unit (if required).



*High-speed, automated and yet flexible packing of clamshell trays for a variety of products with high yield due to accurate weighing.*



Dimensions & Capacity		Double-lane	Four-lane
Lanes		2	4
Multihead weigher		9 - 12	9 - 24
Container capacity	Max/min.	60	120
Container weight	Max/g.	2000	2000
L x W x H	m.	9.1x2.3x3.1	9.1x2.3x3.1
Dispensers		2	4
Distribution tool		2	4
Electricity	kW	5.0	8.8
Compressed air	L./min.	219	280



## Versatility

The system is versatile and enhances packing of a variety of seasonal products throughout the year. Changing from one style of product or clamshell tray to another takes minutes.

The double and four-lane models have removable partitions between the step conveyors. By changing the tray dispenser and removing the partition, different widths, sizes and shapes of clamshells can be packed.

The typical package weight for fresh fruits and vegetables varies from 180 to 1000 g per package.



## Clamshell benefits

- Protective
- Stable
- Stackable
- Water proof
- Allows ventilation

## Weighing and counting

The weighing/counting process is carried out by a Cabinplant Multihead Weigher suitable for the specific product.

Our Multihead Weigher is developed specially for packing of fragile products such as cherry tomatoes or cookies.

Our Multihead Weigher is designed with a special low friction product zone for handling of sticky products, such as dates.

## Examples of products packed in clamshell trays:

- Berries
- Candy
- Cookies
- Dates
- Figs
- Lime
- Mini Cheeses
- Nuts
- Plums
- Small Tomatoes

## Other products

Please contact Cabinplant A/S to be informed if your product can be weighed and packed in clamshell trays.



# About Cabinplant

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Founded in 1969, Cabinplant A/S is a world-leading provider of tailor-made processing solutions for the food industry.

Our main focus areas are within fish, shellfish, vegetables, fruit, berries, meat and poultry and convenience foods.

Additionally, we provide multihead weighing and packing solutions for a wide range of industries.

Cabinplant works in close partnership with customers in major markets around the globe.

We are headquartered in Haarby, Denmark, and have representatives in more than 30 countries worldwide.



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**Cabinplant**

Precise by nature