



MULTIVAC H 050

H 050 Handling module

Precision package separation executed in the smallest possible space



MULTIVAC
BETTER PACKAGING

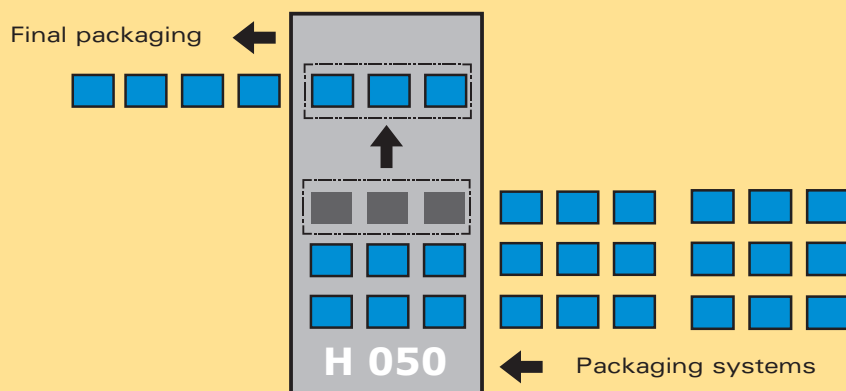
H 050 Handling module




H 050 Handling module: Precision package separation executed in the smallest possible space

The H050 handling module automates package separation for multi-track packaging systems such as thermoformers and traysealers in a cost-efficient and hygienic manner. The smooth channelling function provided by a 2-axis propulsion unit results in a continuous product flow for downstream processes.

The stainless steel design allows the module to be used even in the harshest industrial environments; moreover, it saves a great deal of space and is optimized for the final packaging area.






The H050 handling module consists of a dynamic 2-axis conveyor unit, the control unit, the portal and the appropriate conveyor belts.

Dynamic 2-axis conveyor unit

The 2-axis conveyor unit, equipped with dynamic linear motors, picks up packaging tracks of up to 2,000 g with suction grippers and separates them quickly and precisely. Optional multiple channel suction grippers that can pick up and put down each package separately are available for customized separating tasks such as outputting individual packages or increasing the distance between the packages.




In contrast to conventional conveyor separation systems, defined product handling is ensured here. In addition, defective packs, empty packs and deformed packs are discharged in a reliable manner.

User-friendly operation

The configuration of the H 050 is entered using the intuitively operated graphic user interface of the MULTIVAC packaging machine terminal. The process is displayed visually and can be easily optimised on the touchscreen. As an optional stand-alone version for automating existing packaging systems, for example, the H050 can be equipped with its own control unit and a separate operating terminal.

Hygienic stainless steel portal




The stainless steel portal is based on the proven frame design of the MULTIVAC thermoformer packaging machines and has the same positive characteristics with regard to cleaning and hygiene, stability and easy access for maintenance and service.

Custom conveyor belts

For transporting packages, the H 050 is equipped with conveyor belts, the speed of which can be precisely adapted to the respective requirements.

The H 050 is characterized by:

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- Compact design for reduced space requirements
 - High speed and precision
 - Easy cleaning
 - Quick changeover
 - Availability of optional adaptations for individual customer requirements

Technical data

Operating range: 800 mm x 200 mm
Product weight: max. 2000 g
Cycle rate: approx. 45 standard cycles/min. *)

*) depending on load and distance

The H 050 can be used with packaging machines with the following specifications:

- Format width: max. 620 mm
- Format length: max. 900 mm
- Packaging height: max. 100 mm

Dimensions

Length: 1000 mm
Width: 1870 mm
Height: 1760 mm

Connections

Electricity: 400 V, 50 Hz, approx. 1.5 kW
Compressed air: 6 bar, approx. 20 standard liters/min. **) with ejector suction gripper

**) depending on number and size of the packages

