

AnyTray

Automatic tray denester and feeder



Automatic tray feed for VEMAG minced meat and forming lines.

Do you make minced meat or premium formed products and need a highly automated solution? Can't afford expensive reject production and demand a high level of production reliability? Need high denesting speeds of up to 120 trays a minute?

No problem – trust the „AnyTray“ automatic tray feed and benefit from an extremely flexible and economical solution which will take your production that key step forward.



VEMAG line with AnyTray

The „AnyTray“ automatic tray feed is the flexible complement to your VEMAG minced meat or forming line. It can be perfectly integrated and if required, combined with shuttle and index conveyor belts.

The standard design of the „AnyTray“ consists of a tray magazine, denester and portion feeder. The denester can have one or more change cassettes added (optional).

The tray magazine keeps the required stacks of trays ready and feeds these to the denester. The denester separates the trays and transports them to the portion feeder via the integrated conveyor belt, where the individual portions are placed in trays automatically.

AnyTray portion feeder

- Automatic feed of the trays separated by the denester
- Portions inserted automatically when trays in position
- Portion transferred directly to the tray
- Start/stop signal to synchronize tray and portion
- Programming for different speeds and portion weights
- Actuation by external signal: portion inserter stops if the packing machine has a fault or once the tray magazine has run empty or a preselected number of portions has been reached

All the benefits at a glance

- Perfect integration in VEMAG minced meat and forming lines
- Flexible – can be used for all tray formats up to half castro
- Format can be changed very simply and quickly by changing the denester cassettes (approx. 1 min.)
- Trays fed to the denester automatically from the tray magazine
- Simple to operate
- Automatic stop/start
- Programmable display for different programs/formats/speeds
- Fault analysis and fault display

AnyTray tray magazine

- Automatic topping-up of the AnyTray denester
- Tray buffer
- Start/stop signal for tray detection
- Automatic stop when the buffer belt has run empty

AnyTray change cassette (optional)

- Additional denesting cassette for a different tray format on an existing line
- The AnyTray denester cassette can be integrated in any existing equipment

AnyTray denester

- Automatic separation of trays from a stack fed in
- Quick-change system for the denester cassette means format can be changed quickly



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Technical data

Tray magazine

Length: 2,000 mm
Tray size: max. 280 x 280 mm

Denester cassette

Cassette dimensions: 500 x 500 x 100 mm
Capacity: 50 to max. 120 trays/min. (depending on tray size)

Portion feeder

Belt length: max. 2,682 mm x 1,210 mm
Capacity: max. 120 portions/min. (depending on tray size and portion weight)

Change cassette (optional)

Cassette dimensions: 500 x 500 x 100 mm
Tray size: max. 280 x 280 mm
Capacity: 50 to max. 120 trays/min. (depending on tray size)

Total nominal output: 0.5 kW
Compressed air rating: 8 bar, 10 l/min



ISO 9001
BUREAU VERITAS
Certification



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