



UB 365 UNDERLEAVER

FLEXIBLE AND COMPACT PRODUCT HANDLING MODULE WITH PATENTED CUTTING UNIT FOR ALIGNING AND STACKING OF PRODUCTS AND FOR FEEDING PRODUCT UNDERLAY MATERIAL.



Burgers, Steak haché, rissoles, cevapcici, kebabs, Adana, minced meat, rib burgers, butter and cream cheese slices

The UB 365 underleaver facilitates the combination of several optional working functions in the smallest space, including aligning products, feeding product underlay material such as paper or film, as well as stacking products. It was developed for medium-scale and industrial scale producers of dimensionally stable, skinless products such as burgers. Integration in the central and networked Handtmann control system ensures high process stability and efficient use of resources.

YOUR ADVANTAGES

- Process-reliable, flexible and modular system for aligning and stacking products as well as feeding product underlay material
- Continuous and economically efficient overall process thanks to integrated quality monitoring (deviations in shape) and correction of the product's position on the belt as an option
- Reduced resource consumption thanks to targeted alignment of the products, which allows the use of scaled-down product underlays and packing formats
- Simple synchronisation and operation via the central and networked Handtmann control system

PROCESS-RELIABLE, FLEXIBLE AND MODULAR

The alignment function allows the precise positioning of the products for downstream working functions and thus ensures high process stability. The UB 365 underleaver permits the continuous supply of product underlay material that can be customised in length, depending on the product size. Different materials and widths can be used as product underlay.

Optionally, the products can then be stacked to be able to pack them as resource-efficiently as possible or transferred to a conveyor for further processing (e.g. freezer). The product's position is known at all times thanks to the consistent use of servo drive technology in combination with precision measuring sensors for product detection. Moreover, deviations in shape detected by the UB 365 can be transferred to downstream systems as an ejection criteria via Handtmann Line Control.

The open, hygienic machine design ensures a flawless hygienic production process and best accessibility for optimum cleaning.

The multi-functional use of modules allows the implementation of several working functions in a single machine, achieving thus a small footprint.



BASIC EQUIPMENT:

- X40 auxiliary socket

OPTIONS:

- Product alignment crosswise to the direction of transport
- Feeding of product underlay material such as paper or film
- Product stacking

TECHNICAL DATA:

| Category | Performance characteristics |
|---|---|
| Technical prerequisites of the VF | VF 800: PCM and X40 interface VF 600: PCK4 and X40 interface |
| Output | Up to 200 portions per minute |
| Stack height | Free height 45 mm (depending on product) |
| Position correction | +/- 25 mm (perpendicular to the direction of transport) |
| Usable belt width | 200 mm |
| Product dimensions | L = up to 300 mm W = up to 200 mm H = up to 20 mm, with stacking function H = up to 100 mm, without stacking function |
| Transfer height | 960 – 1.110 mm* |
| Transfer height to downstream system | With stacking function: 990 – 1,075 mm* Without stacking function: 1,035 – 1,120 mm* |
| Machine dimensions | Length with stacking function: 1,117 mm Length without stacking function: 1,096 mm Width: 900 mm Height: 1,220 – 1,300 mm* |
| Type of product underlay | Rolls of paper/film |
| Width of product underlay | 50 to 180 mm |
| Internal diameter of rolls of product underlay material | 45 mm or 78 mm (further diameters on request) |
| Outer diameter of rolls of product underlay material | up to 400 mm |
| Operating voltage | 100 V AC to 240 V AC |
| Connected load | 1.3 kVA |
| Safety category | PLd |
| | * Optional: Machine height +60 mm |