handtmann
Ideas for the future.



INNOVATION

THE NEW CONPRO SYSTEM

Top performance for cut or formed products in alginate casing

- **TOP PERFORMANCE** for formed product ends due to new forming and separating units
- **FIRST-CLASS PRODUCT QUALITY** due to precisely definable alginate casing application
- **HIGHLY EFFICIENT** due to individual portions accurate to the gram and guaranteed reproducible product standards
- **PURE EFFICIENCY** due to continuous production process
- **EXCELLENT PRODUCT SHELF-LIFE** due to ideal hygiene conditions
- **VARIETY OF PRODUCTS** with meat, cheese, fish and sweet products
  Also for vegan, vegetarian, kosher or halal products
- **COST SAVINGS** due to optimum utilisation of the smoking chambers thanks to the possibility of hanging small-calibre products close together







KLSH 153 ConPro system
The system with two performance levels

The newly developed KLSH 153 ConPro system is available in two performance level versions. With the smaller entry-level model, the production capacity can be increased via an upgrade if required. The new forming and separating units facilitate a significant increase in capacity, depending on production requirements.
A newly-developed hook makes it possible to hang snack products very close together (cal. 8 and cal. 10). Smoking chambers are therefore utilised to a significantly higher degree, thus resulting in cost savings.
When horizontal products are transferred in a continuous system, two systems positioned in parallel can be operated from the middle. This ensures maximum efficiency as the operator does not have to move a long way unnecessarily.

THE PROCESS
The product strand is either cut straight after co-extrusion and fixation of the alginate casing using separating devices or formed during cutting by means of a forming cut. With both versions, the product ends are not completely enclosed by the alginate casing.

PROCESS OPTIONS

- **Filling and co-extrusion**
- **Equal lengths**
- **Cutting (forming and cutting as an option)**
- **Hanging**

Product handling
The processes of collating and depositing or transferral to a continuous system for further processing are the next steps of the complete solution.

- Hung products
  Conventional smoking and cooking systems
- Cut products
  Collation, depositing in packaging solutions or transferral to continuous smoking, cooking or baking systems

PERFORMANCE PARAMETERS

- ConPro system comprising VF master and VF slave with KLSH 153 AL system
- Calibre range 8 to 32 mm
- Portion length from 40 mm
- ConPro-1:
  Max. belt speed 1 m/sec.
  Portioning capacity (depending on product and lengths):
  - Cutting: up to 1,200 portions/min.
  - Forming and cutting: up to 1,200 portions/min.
- ConPro-2:
  Max. belt speed 2 m/sec.
  Portioning capacity (depending on product and lengths):
  - Cutting: up to 1,800 portions/min.
  - Forming and cutting: up to 1,200 portions/min.
- Minimum hook spacing: 20 mm


↑ Forming and cutting


↑ New hook spacing 20 mm


↑ KLSH 153 with hanging unit

Patents (USA/Canada):
6,988,943; 7,762,874; 7,591,717

701062 | We reserve the right to make technical alterations.