

# INNOVATION



## *FS 510 forming system*

For industrial production of long, dimensionally stable, skinless products of varying cross-sections.

**handtmann**  
*Ideas for the future.*

# Forming at industrial level ...

... for a wide product range.

The new 510 forming system from Handtmann is just the right solution for companies in the food industry who are on the lookout for new products. The fully-automatic production of formed products with various cross-sections widens the range of modern, contemporary product ideas for today's consumers.

The impressive feature of this new system is the economical process. The filling material is fed to the filling flow divider by a VF 600 vacuum filler. Separating is performed directly at the outlet, either with a wire or a blade; it is uninterrupted and linear to the product speed. The desired product shape is created using mould components positioned at the outlet. The gentle process also results in first-class product quality. The long, dimensionally stable, skinless products are transported on a conveyor belt and transferred to downstream systems for further processing.

Reliable production of new products with fully-automatic forming.



## » Advantages:

- High productivity with up to 250 cuts per minute
- The travelling separating principle is an exceptionally gentle process that guarantees excellent product quality
- Modifying the cutting speed in line with the product creates a first-class product appearance
- Significant cost reduction due to excellent portioning accuracy and less give-away
- Low maintenance costs due to low-wear
- Separation either with wire or a blade (for sinew and gristle)
- Optional integration of the Handtmann Communication Unit software (HCU) for central process monitoring and control, with process data recording and automatic weight control



### TECHNOLOGY

- 6 to 24-lane
- Filling pressure up to 25 bar
- Product height max. 50 mm
- Portion length from 20 mm
- Width of conveyor belt 600 mm  
Outlet height/transfer height adjustable from between 990 and 1,130 mm
- FST 545 filling flow divider with servo drive
- Servo-driven blade
- Transfer point to downstream system optionally with blade edge or extended outlet belt
- Spraying of blade and belt optional (depending on product)

### EFFICIENCY

- High production output up to 250 cuts/min.
- Fast conversion times due to filling flow divider optimised for handling, hygiene and safety
- Top hygiene conditions due to easy-clean conveyor belt
- The integrated system is easy to operate due to central control via the vacuum filler
- Excellent level of economy and efficiency thanks to fully-automated process solution

*Produce a wide variety  
of formed products  
fully-automatically.*



The 510 forming system is ideal for the production of a wide variety of products, such as:

Meat products: Cevapcici, dry sausage sticks, mini rissoles, skinless sausage and frikandel

Vegetarian products: vegetable sticks

Convenience products made of potato products: croquettes

Fish products: Fish fingers, croquettes or triangles

Dairy products: cheese sticks and cheese croquettes

Pet food: Sticks

... more information can be found at:

[www.successthroughdialogue.com](http://www.successthroughdialogue.com)

