

form it

Shaping and cutting of different products



The solution for
demanding filling tasks



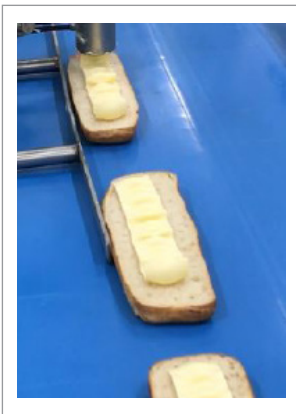
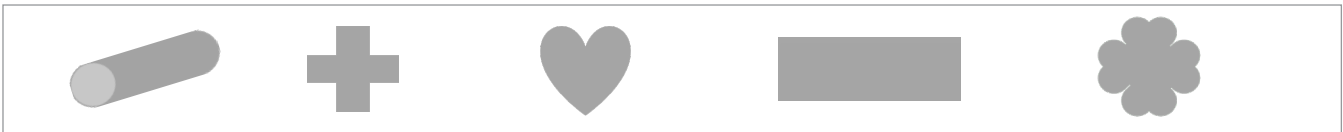
 TECH:FOOD

The form it filling head handles the forming and cutting of various products. Thanks to high-precision manufacturing technology, very small openings and product shapes can be realized.

Our filling heads are manufactured from one piece. The inside of the nozzle consists of smooth surfaces and runs conically to the desired final diameter. The dividing and cutting is done pneumatically. The knife is guided in a slot and the product after cutting is guided again over a short distance in the nozzle. Thanks to this special cutting technique, the products are very true to shape and the knife is always 100% in contact with the nozzle.

The filling heads are available in two different sizes:
 - Mini filling head max. diameter 20 mm
 - Maxi filling head max. diameter 35 mm

Possible portion shapes



Butter



Cheese | Mozzarella stick



Cheese plate



Minced meat

smartbox

- ready for sensor control
- ready for pneumatic control
- 8 different operating modes selectable thanks to PLC



- Operating mode 1
- Open basic position
 - Filling in portioning mode
 - Fixed masses without overrun

- Operating mode 2
- Closed basic position
 - Filling in portioning mode
 - Liquid masses with overrun

- Operating mode 3
- Cut path open / closed
 - Filling in portioning mode
 - Fresh cheese with window knife or wire

- operating mode 4
- Double stroke (look up)
 - Filling in portioning mode
 - Sticky masses or undesirable drop formation at the filling head

- Operating mode 5
- Open basic position
 - Filling in the roughing mode
 - Solid masses with overrun

- Operating mode 6
- Closed basic position
 - Filling in straight-ahead mode
 - Liquid masses with overrun

- Operating mode 7 | High-Speed
- One-way cutting up / down
 - Filling in straight-ahead mode
 - Fresh cheese with window knife or wire

- Operating mode 8
- Double stroke (look up)
 - Filling in straight-ahead mode
 - Sticky masses or undesirable drop formation at the filling head