

# REDUCED GIVEAWAY LINE

## Application

Reduced Giveaway Line is designed for raw product automatic insertion into plastic trays, thermoformed packages or boxes by reaching specified final weight range.

**Reduced giveaway = reduced overweight for full package = increased profitability**

Precise calculations reduce the overweight of the product batch and increase the line capacity.

## Main benefits

- Reduced product giveaway.
- Automatic product insertion into the package with precise styling of the product.
- Easy to use user interface.
- Fast changeover time for various products.
- Fast operating.
- Can be connected to most of traysealers or thermoformers.

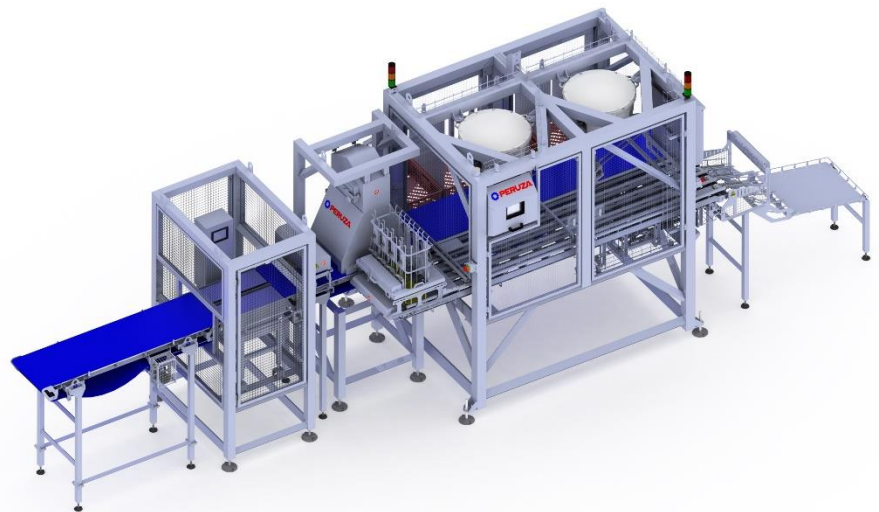
## Operating principle

The products arrive on main product conveyor one by one in 1, 2 or more lanes.

After passing through 3D dimension recognition and weight calculation unit, program sends signal to robot with appropriate gripper to pick it up and place it into a tray or box to reach previous set final weight range in packaging by reducing overweight with combinations algorithm.

Final weight range in packaging and current product type can be fast changed in a smart user interface.

## See equipment in action



## Processing



**REDUCED GIVEAWAY LINE**  
(products/min)

50 – 1000 g

Up to 120 (2 robots)

**With overweight down to 1 % ( 5 g for 500 g package)**

\* Equipment is adaptable to various size and weight dimensions

## Technical characteristics

<b>Product</b>	Fresh or frozen meat, fish or vegetables products
<b>Processing capacity</b>	Up to 120 products/min (2 robots)
<b>Equipment dimension (LxWxH)</b>	6100 x 1750 x 2310 mm
<b>End product weight accuracy</b>	1% (5 g for 500 g package) depends on product type
<b>Key features</b>	Precision, Speed, Fast changeover for different products



## For more processing solutions



### Autonobbing line

Reduce your cost of nobbing!



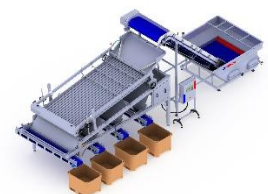
### Drum-type nobbing line

Process small fish into quality product!



### Water defrosting line

Use efficient defrosting for your products!



### Roller grading line

Grading - a must for industrial processing of fish!