

ESPERA ES-W 5000

# High Performance Checkweighing



Customize  
Your  
Checkweigher

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## Our checkweigher core competences

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### High Performance

- High weighing accuracy
- Statistic software solutions
- High speed



### Intuitive Design

- User friendly operator interface
- Intuitive menue guidance



### Smart Engineering

- Compact design
- Robust and easy to clean machine design
- Customizing design



### Long Life

- High machine reliability
- Reduced wear parts
- Hygienic design

**ESPERA. ONE STEP AHEAD.**

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## ESPERA checkweighing solutions

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### The new ESPERA ES-W 5000

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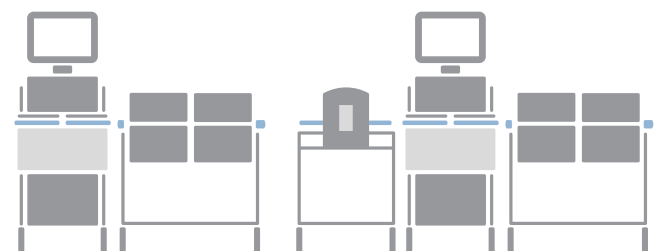
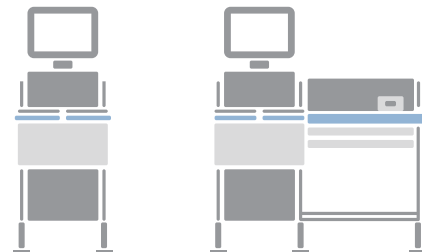
Based on our longtime experience in weighing technology the new checkweigher ES-W 5000 offers excellent features with regards to a hygienic machine design, an easy to operate user interface and the flexibility for the customer to design his checkweigher with regards to the belt length, conveyor size and reject options fully individual upon his needs and the requirements of his production.

With this new generation of checkweigher solutions various reject options can be covered within one system. Either it is a pusher system, a catcher, flipper or an air reject.

### Customizing

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The flexible configuration of the belt length, conveyors and sorting systems enables an easy integration of the checkweigher into already existing production lines or the adaption as a standalone solution. Also the integration with a metal detector is possible.



## Compact and flexible design

For integration into existing packaging lines or as standalone. Different belt lengths as well as different reject options and bins are available.

## Fast and easy height adjustment

The fast and easy height adjustment offers a maximum flexibility, especially for integration into already existing production or packaging lines.

## Smart user interface

On a 15" color touch screen the operator can run and control the checkweigher process by an intuitive guidance through the user menu and the statistics software.

## Easy and tool-free conveyor belt release

The conveyor can be released and fixed easily into an upright position. This allows a comfortable and tool-free belt exchange as well as a free access and easy cleaning of the conveyor area.

## Drip pan for dirt prevention

A drip pan is placed below the conveyor section which prevents dirt from falling and sticking on the floor.

## Various reject and bin options

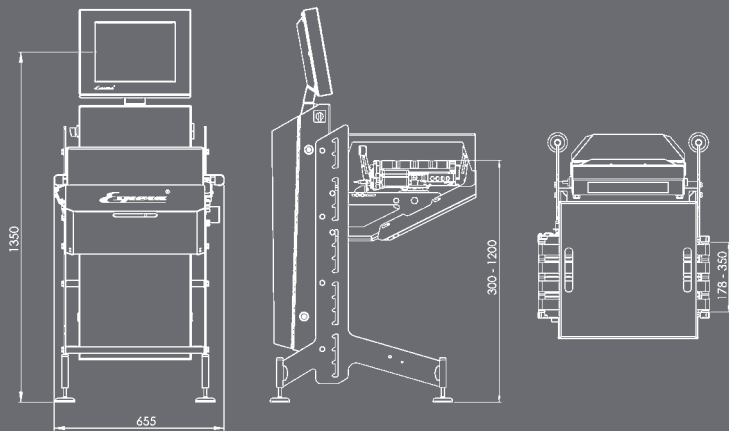
Different reject options, e.g. T-Pusher, Flipper, Catcher or Air Reject are available. All reject bins are equipped with an automatic bin full control.

## Hygienic machine design

Fully welded joints, an easy to release reject section combined with an easy to clean and open machine design enables highest hygienic standards.



## ES-W 5000 technical details



<b>Material</b>	Stainless steel AISI 304
<b>Display</b>	15" 4:3; Touch screen
<b>Environment</b>	Wet and dry environments
<b>Dimensions weighing conveyor</b>	W 178 x L 250/325/400/500 mm W 270 x L 250/325/400/500 mm W 350 x L 400/600 mm
<b>Length – reject conveyor</b>	500, 800, 1300 or 2000 mm
<b>Belt types</b>	Full belt or strap belt FDA-approved
<b>Height adjustment</b>	From 300 to 1200 mm, step 50 mm +/- 25 mm
<b>Weighing capacity</b>	1500 g/0.5 g or 3000 g/1.0 g or 6000 g/2.0 g
<b>Weighing range</b>	Min 50 g – Max 6000 g
<b>+ Tara</b>	Yes, from 0 – max. cap.
<b>Belt speed</b>	Up to 80 m/min. Up to 100 m/min. (not approved)
<b>Packs per minute</b>	Up to 250.
<b>Transport direction</b>	L-R / R-L
<b>Metal detector</b>	Optional
<b>Power supply</b>	100 to 240 VA, 50/60 Hz
<b>Power consumption</b>	2.2 kW / max. 10 A
<b>Compressed air supply</b>	Max. 6 bar dry, clean air
<b>Temperature range</b>	0°C – +35°C
<b>External signal</b>	Light signal
<b>PC connection</b>	Yes
<b>Software</b>	E-Weighing, Weigh Bands
<b>Metal signal</b>	(external) RS232, RS485 and I/O
<b>Approval</b>	OIML: R51:2006 XIII(f) and Y(a)
<b>IP protection</b>	IP66

## Allover weighing control



## Controlling and improving production

The ESPERA ES-W 5000's software package provides comprehensive and precise structured statistic information including graphs for a detailed statistic visualization.

The user friendly interface has a simple navigation structure that offers an easy product-setup.

## Software features

- E-weighing: Rejection based on mean weight, Tu1 – Tu2
- Weigh Band: Rejection of overweight and underweight
- Sorting of products
- Batch control system based on time or numbers
- Safe reporting system
- Packing line management
- Production monitor with selectable information and graphs
- Rejection of not-weighed products
- Rejection control
- Easy language selection
- Optional E-weighing software for statistic protocols

## Online connection

The data transfer is realized by the ESPERA ESPROM NG interface or a standard PC connection.

# ESPERA. ONE STEP AHEAD.

ESPERA is a leading equipment manufacturer of industry solutions for checkweighing, weighing, labelling and inspection. The allover product portfolio covers manual and fully automatic labelling machines, checkweighers, inspection machines and software solutions for production process optimization as well as software interfaces for the integration of ERP systems to the machine infrastructure.

ESPERA's major focus of application is the global food industry, for example meat and dairy products. With a highly specialized, global sales and service team ESPERA guarantees an allover excellent consultancy, sales and service support to its customers.

ESPERA is a family owned company with more than 90 years of experience in weighing technology. With subsidiaries and distribution partners in more than 40 countries ESPERA is regularly setting new technologie and future trends for the market.

## Contact

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