





## ABOUT US

Our Company was established as R&D Company. After we accomplished numerous projects successfully, we have started providing services in the area of 'Quality Control Machines'. Our company, whose priority is always customer satisfaction, also designs product-specific machines in addition to standard models. Projects have been carried out with leading companies in sectors such as food, pharmaceuticals, chemicals, plastics, cosmetics, chicken, meat and fish. Our machine, which operates at high speed and precision, is constantly improved under the control of our expert engineer staff. Our goal is always to provide quality and technology to our country and to you, our valued business partners.

We are proud to produce added value for our country as a domestic producer and to exist abroad as well, on this path that we started by saying "We Have Infallible Gram".



## GENERAL AIM OF THE MACHINE AND DEFINITION

Checkweigher is a quality control machine that provides weight control of products passing through the production line and produces statistical information. As the products pass through the band, their weights are weighed, and products that fall outside the upper and lower tolerances determined according to the set value entered on the control screen are separated. By creating a log record of the measurement results, statistical information is extracted (product with appropriate weight, product with high weight, product with low weight, average weight, standard deviation, total weight, etc.) and saved as an Excel file on USB. It sends e-mails to e-mail addresses defined in the system and provides data to SAP-ERP systems. Our aim is to increase efficiency, protect customer satisfaction and the brand value of the manufacturer, and reduce grammatical errors to zero. The ERS Checkweigher has a European Type Approval Certificate and can be legally stamped in accordance with the Measuring Instruments Directive.



- Easy-to-read 10.2" colour touch control panel
- Statistical data generation and graphical display
- Remote access, software and service opportunities
- USB memory recording and e-mail support
- Unlimited recipe with 100 different product recipes and USB memory
- Multiple language selection

Robust industrial design

Easy belt replacement and ease of maintenance

Modular design

Water and dirt preventing hygienic design

Structure that isolates unwanted vibrations

Belts suitable for a contact with food



- High precision and accuracy
- High weighing speed
- Belt speeds and directions adjustment from the screen
- Easy calibration process
- Intelligent auto reset
- Modular structure suitable for two-way use
- Counting pieces in a package



Achieving labour reduction and cost control

High line efficiency

Reducing production errors to zero

100% product weight control

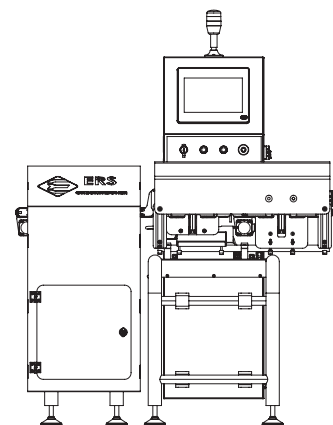
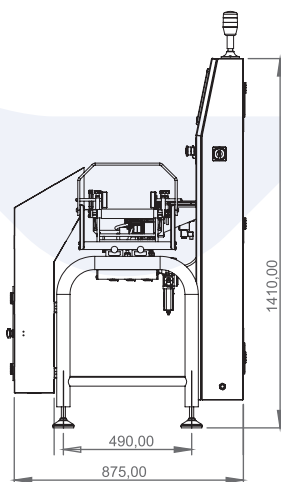
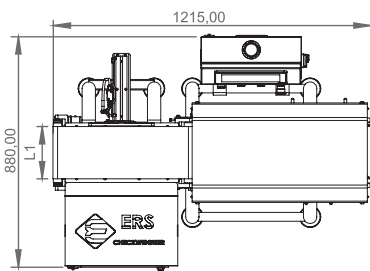


## CW-ERS-02/600/0

CW-ERS-02/600/0 model is designed for production requiring high speed and precision. Belt passes (knife edge) and band designs have been specially developed to ensure maximum accuracy and performance. Ensure your efficiency and perfect weighing of your products with high precision and performance. Thanks to its hygienic design, it prevents water and dirt accumulation. Long life is ensured by using a 24 VDC brushless DC motor.



TECHNICAL DETAILS	CW-ERS-02/600/0
Capacity (gr)	20-600
Precision /gr)	≥ 0,2
'e' value	≥ 0,2
'n' division value	3000
Belt speed (m/minute)	80
Units/minute	250
Power Consumption (W)	400
Current (A)	2,30
Weighing conveyor width (mm)	150-200
Weighing conveyor length (mm)	200-400
Supply Voltage	100-240 VAC
Frequency	50Hz/60Hz
Working Temperature C0	5 °C to +40 °C
Working Height	650-1100 mm +-50 mm
Accuracy Grade	XIII(1)

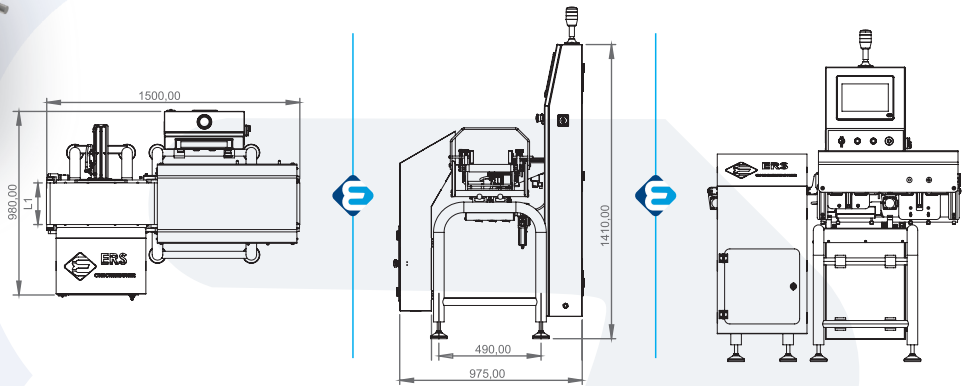


## 3-CW-ERS-05/1500/0

CW-ERS-05/1500/0 model has a sensitivity of 0.5 grams and a weighing capacity of 1500 grams. CW-ERS-10/3000/0 model has a sensitivity of 1 gram and a weighing capacity of 3000 grams. Belt passes (knife edge) and tape designs have been specifically developed to ensure maximum accuracy and performance. Ensure your efficiency and perfect weighing of your products with high precision and performance. Thanks to its hygienic design, it prevents water and dirt accumulation. Long life is ensured by using a 24 VDC brushless DC motor.

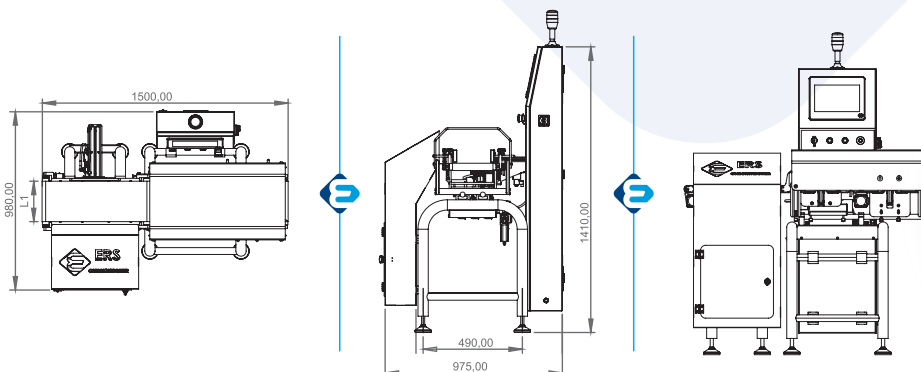


TECHNICAL DETAILS	CW-ERS-05/1500/0	TECHNICAL DETAILS	CW-ERS-05/1500/0
Capacity(gr)	10-1500	Current (A)	2,30
Precision (gr)	≥ 0,5	Weighing conveyor width (mm) L1	200 - 300
'e' value	≥ 0,5	Weighing conveyor length (mm)	250 - 500
'n' division value	3000	Supply Voltage	100 - 240 VAC
Belt speed (m/minute)	120	Frequency	50Hz/60Hz
Units/minute	300	Working Temperature C0	5 °C to +40 °C
Power Consumption (W)	400	Working Height	650-1100 mm +-50 mm



TECHNICAL DETAILS	CW-ERS-10/3000/0	TECHNICAL DETAILS	CW-ERS-10/3000/0
Capacity(gr)	20-3000	Current (A)	2,30
Precision (gr)	≥ 1	Weighing conveyor width (mm) L1	200 - 300
'e' value	≥ 1	Weighing conveyor length (mm)	300 - 500
'n' division value	3000	Supply Voltage	100 - 240 VAC
Belt speed (m/minute)	60	Frequency	50Hz/60Hz
Units/minute	120	Working Temperature C0	5 °C to +40 °C
Power Consumption (W)	400	Working Height	650-1100 mm +-50 mm

## 4-CW-ERS-10/3000/0

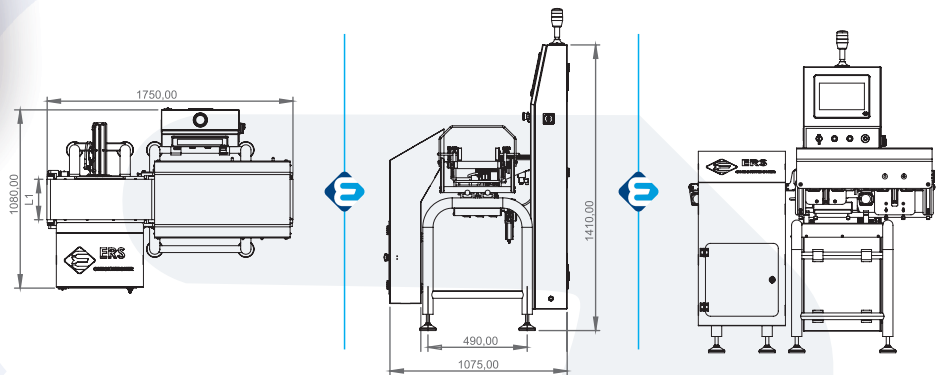


# 5-CW-ERS-20/6000/0

CW-ERS-20/6000/0 model has a sensitivity of 2 grams and a weighing capacity of 6000 grams. Belt passes (knife edge) and band designs have been specially developed to ensure maximum accuracy and performance. Ensure your efficiency and perfect weighing of your products with high precision and performance. Thanks to its hygienic design, it prevents water and dirt accumulation.



TECHNICAL DETAILS	CW-ERS-20/6000/0	TECHNICAL DETAILS	CW-ERS-20/6000/0
Capacity(gr)	40-6000	Current (A)	2,30
Precision (gr)	≥ 2	Weighing conveyor width (mm) L1	250- 400
'e' value	≥ 2	Weighing conveyor length (mm)	350- 700
'n' division value	3000	Supply Voltage	100 - 240 VAC
Belt speed (m/minute)	60	Frequency	50Hz/60Hz
Units/minute	60	Working Temperature CO	5 °C to +40 °C
Power Consumption (W)	400	Working Height	650-1100 mm +-50 mm



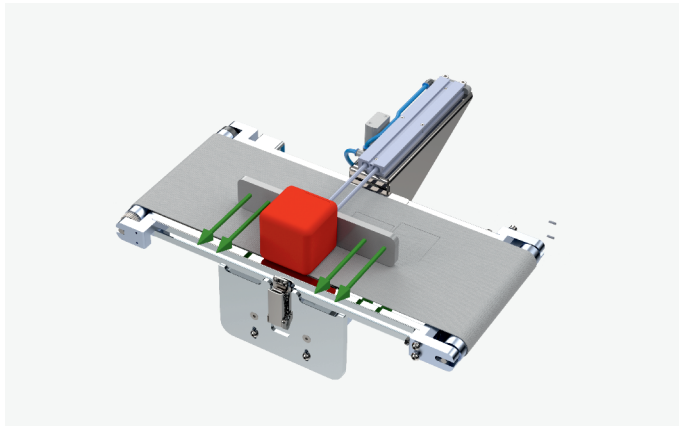
- Easy to read 10.2" colour touch screen control panel
- 10.2" touch screen
- Buzzer
- IP 65 Dust and Water Protection Sound and Light Warning
- Rejection systems by product
- Piston
- Rejection Box
- Rejection Box with lock
- Infed + weighing + outfeed conveyor belts
- Conveyor Materials Compliant with Direct Food Contact (EC 1935/2004, Regulation EU 10/2011 and FDA Regulations. Easy to Clean, easy to disassemble compact design)



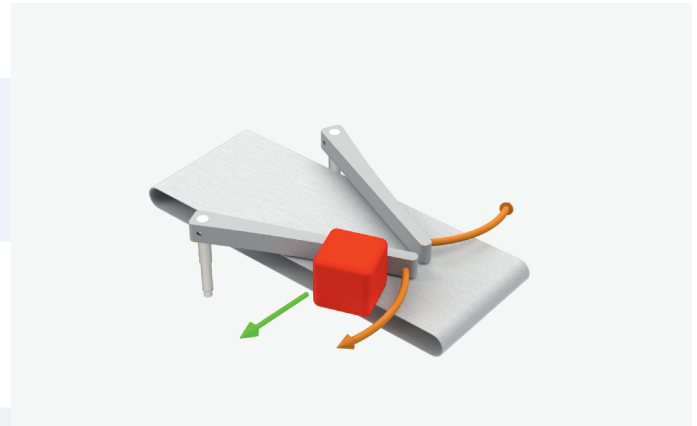


## REJECT SYSTEM OPTIONS

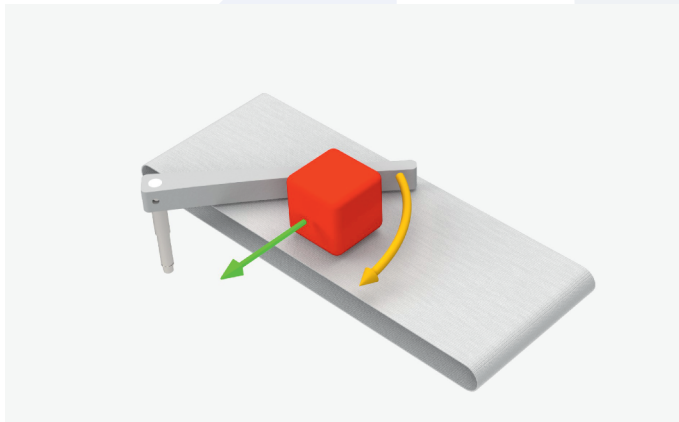
Thanks to the reject, on systems designed in accordance with the product, our checkweighers provide effective performance and increase productivity.



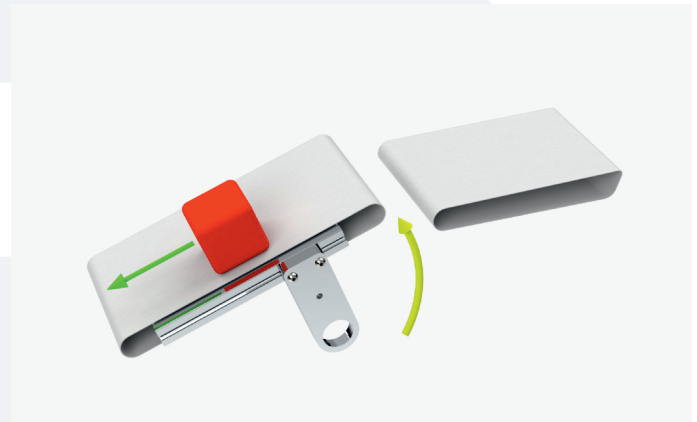
PISTON PUSHER



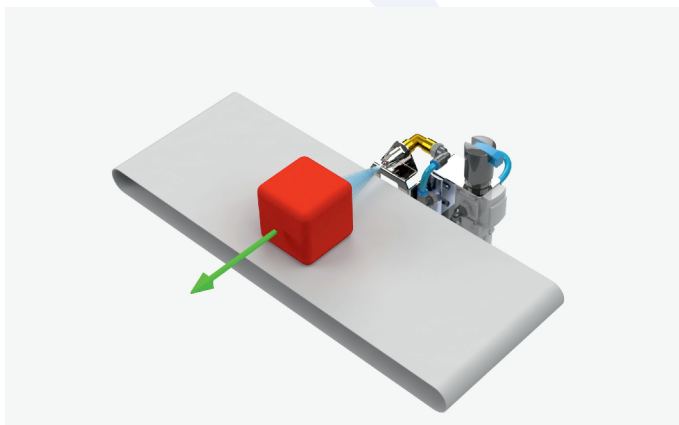
DOUBLE FLIPPER



SINGLE FLIPPER



FREE FALL CONVEYOR



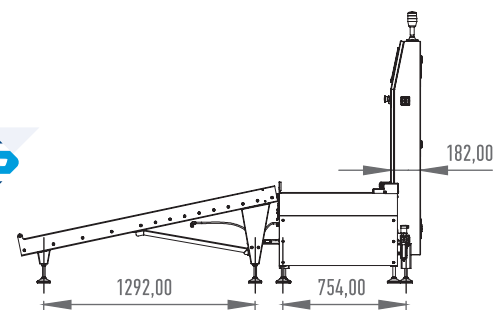
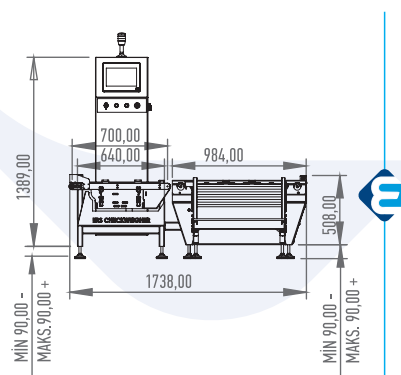
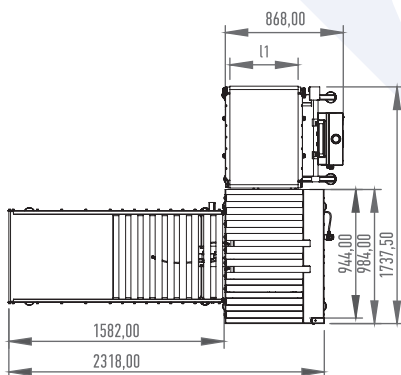
AIR NOZZLE

## HEAVY DUTY CHECKWEIGHER

CW-ERS-50/15000/0 model is a machine with 5 gram sensitivity and 15 kg capacity. etc. It weighs packaged products with high precision and accuracy. Packaged products with incorrect weights are taken into the rejection chamber with the help of a pneumatic piston. Products with the correct weight continue to flow through the line. It provides the advantage of reporting and archiving weighing results via USB or e-mail. Devices such as labelling machines and barcode readers are easily integrated onto the machine.



TECHNICAL DETAILS	CW-ERS-50/15000/0
Capacity (gr)	100-15000
Precision /gr	≥5
'e' value	≥ 5
'n' division value	3000
Belt speed (m/minute)	60
Units/minute	45
Power Consumption (W)	600
Current (A)	3,50
Weighing conveyor width (mm) L1	400-500
Weighing conveyor length (mm)	500-750
Supply Voltage	100-240 VAC
Frequency	50Hz/60Hz
Working Temperature CO	5 °C to +40 °C
Working Height	350-1100 mm +-50 mm
Accuracy Grade	XIII(1)

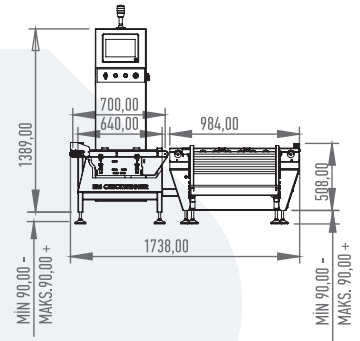
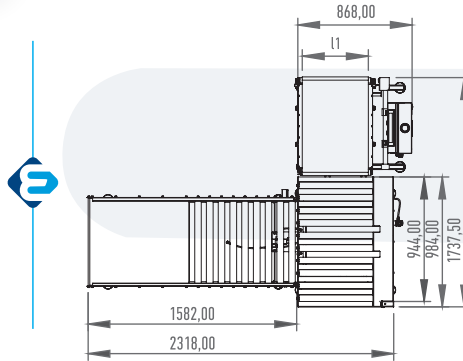
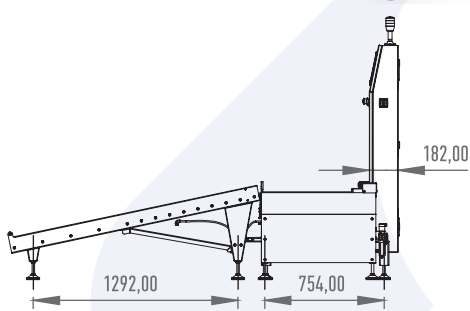


## CW-ERS-100/30000/0

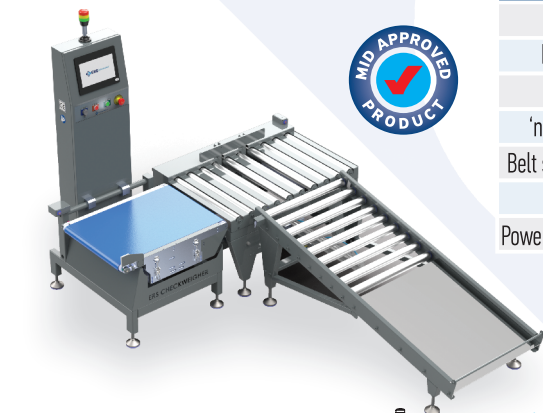
CW-ERS-100/30000/0 model is a machine with 10 gram sensitivity and 30 kg capacity, CW-ERS-200/60000/0 model is a machine with 20 gram sensitivity and 60 kg capacity, Packaged products with incorrect weights are taken into the rejection chamber with the help of a penumatic piston. Products with the correct weight continue to flow through the line. It provides the advantage of reporting and achieving results via USB or e-mail. Devices such as labelling machines and barcode readers are easily integrated onto the machine.



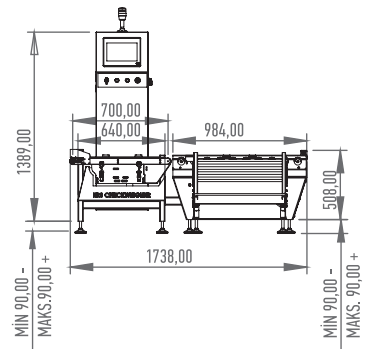
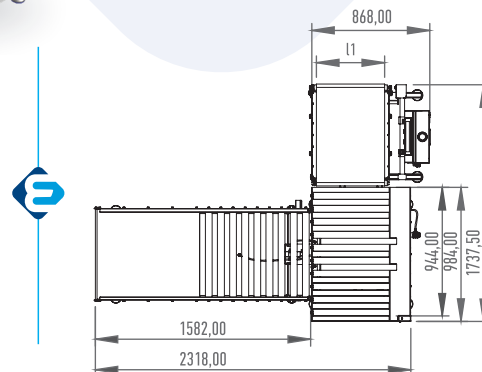
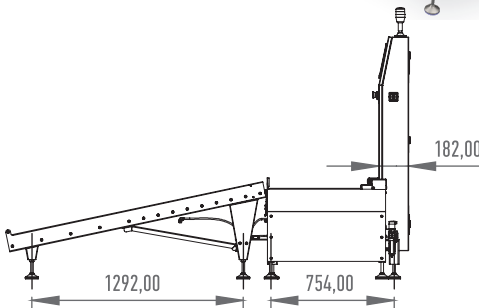
TECHNICAL DETAILS	CW-ERS-100/30000/0	TECHNICAL DETAILS	CW-ERS-100/30000/0
Capacity(gr)	200-30000	Current (A)	3.50
Precision (gr)	≥ 10	Weighing conveyor width (mm) L1	500 - 600
'e' value	≥ 10	Weighing conveyor length (mm)	550 - 750
'n' division value	3000	Supply Voltage	100 - 240 VAC
Belt speed (m/minute)	60	Frequency	50Hz/60Hz
Units/minute	45	Working Temperature C0	5 °C to +40 °C
Power Consumption (W)	600	Working Height	350-1100 mm +-50 mm



## CW-ERS-200/60000/0



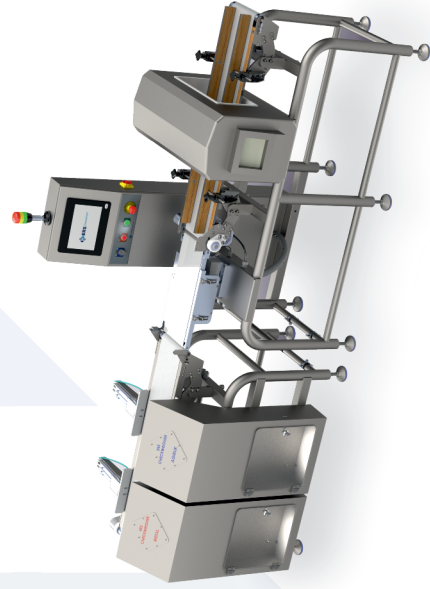
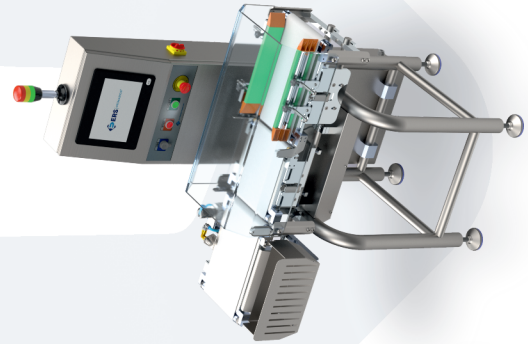
TECHNICAL DETAILS	CW-ERS-200/60000/0	TECHNICAL DETAILS	CW-ERS-200/60000/0
Capacity(gr)	400 - 60000	Current (A)	3,50
Precision (gr)	≥ 20	Weighing conveyor width (mm) L1	500 - 600
'e' value	≥ 20	Weighing conveyor length (mm)	550 - 850
'n' division value	3000	Supply Voltage	100 - 240 VAC
Belt speed (m/minute)	60	Frequency	50Hz/60Hz
Units/minute	45	Working Temperature C0	5 °C to +40 °C
Power Consumption (W)	600	Working Height	350-1100 mm +-50 mm



# TECHNICAL TABLE

## STANDARD MODELS

TECHNICAL DETAILS	CW-ERS-02/600/0	CW-ERS-05/1500/0	CW-ERS-10/3000/0	CW-ERS-20/6000/0	CW-ERS-50/15000/0	CW-ERS-100/30000/0	CW-ERS-200/60000/0
Capacity (gr)	20-600	10-1500	20-3000	40-6000	100-15000	200-30000	400-60000
Precision (gr)	≥0.2	≥0.5	≥1	≥2	≥5	≥10	≥20
'e' value	≥0.2	≥0.5	≥1	≥2	≥5	≥10	≥20
'n' division value	3000	3000	3000	3000	3000	3000	3000
Belt speed (m/minute)	80	120	60	60	60	60	60
Units/minute	250	300	120	60	45	45	45
Power Consumption (W)	400	400	400	400	600	600	600
Current (A)	2,30	2,30	2,30	2,30	3,50	3,50	3,50
Weighing conveyor width (mm) L1	150-200	200-300	200-300	250-400	400-500	500-600	500-600
Weighing conveyor length (mm)	200-400	250-500	300-500	350-700	500-750	550-750	550-850
Supply Voltage	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC
Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Working Temperature C0	5 °C to +40 °C	5 °C to +40 °C	5 °C to +40 °C	5 °C to +40 °C	5 °C to +40 °C	5 °C to +40 °C	5 °C to +40 °C
Working Height	650-1100 mm +-50 mm	650-1100 mm +-50 mm	650-1100 mm +-50 mm	650-1100 mm +-50 mm	350-1100 mm +-50 mm	350-1100 mm +-50 mm	350-1100 mm +-50 mm
Precision Class	XIII(1)	XIII(1)	XIII(1)	XIII(1)	XIII(1)	XIII(1)	XIII(1)





# SOFTWARE & HARDWARE FEATURES



RECIPES PAGE

CALIBRATION SCREEN

LOG RECORDINGS SCREEN



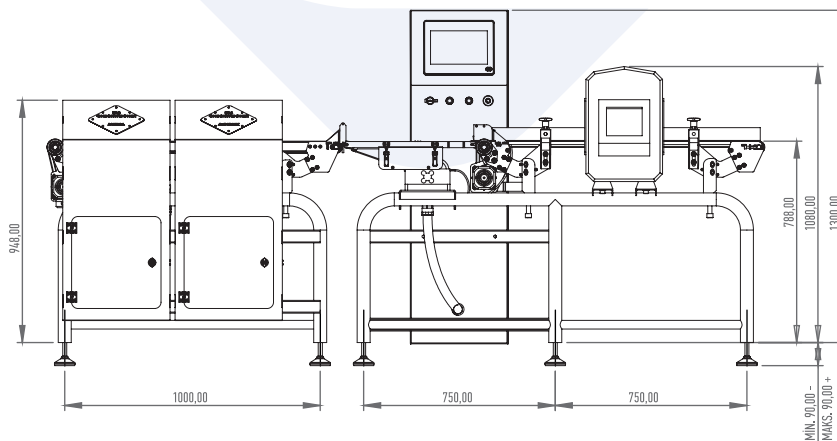
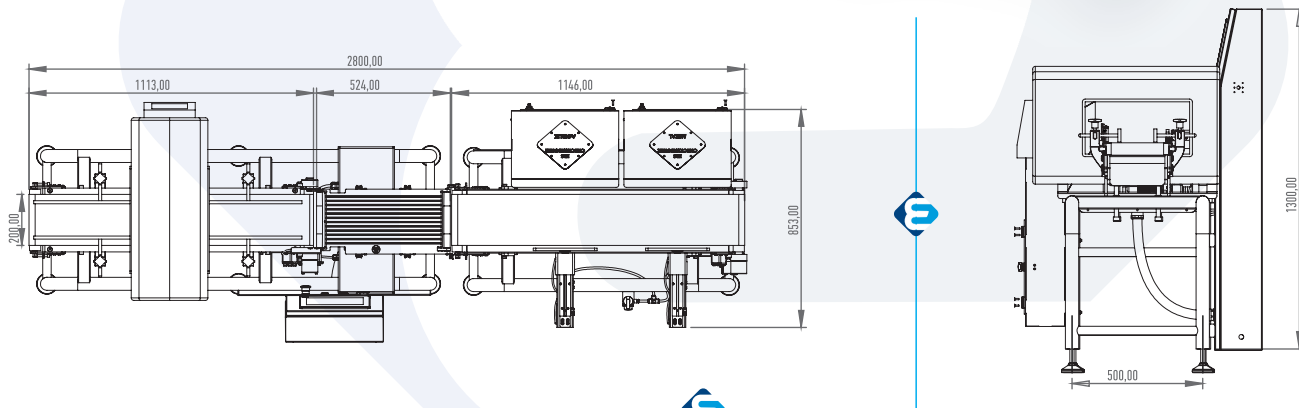
LAN connection

Internet connection



## COMBINED SYSTEM (CHECKWEIGHER + METAL DETECTOR)

Metal contaminated and incorrectly weighted products coming from combined machine production lines are processed with high precision and accuracy. It measures and separates metal-contaminated products into one rejection container, and products with faulty weights into another rejection container. By creating a log record of the measurement results (product with appropriate weight, product with high weight, product with low weight, product contaminated with metal, average weight, total weight, etc.), statistical information is extracted and recorded to USB. It sends e-mails to e-mail addresses defined in the system and provides data to SAP-ERP systems.



## METAL DEDEKTÖR

**Design :**

High quality stainless steel. Steel thickness 3 mm.  
Durable industrial design.

**Protection Class:**

IP68/IP69K metal detector search coil protection level

**Supply Voltage:**

230V / 1PH / 50Hz or according to customer specifications.

**Operational Frequency:**

Superior sensitivity for 30 KHz - 300 KHz conductive and non-conductive products

**Software :**

Intelligent software for optimum control.

**Screen :**

7" easy-to-read colour touch screen. It has a user-friendly menu.

**Operational:**

User-friendly operator control concept with 4-level password controlled access to all settings via functional buttons.  
Easy navigation and intuitive touch control.

**Memory:**

Memory capacity for up to 1000 different products.

**Rejection Time:**

Adjustable rejection time - from 0.05 to 50 seconds.

**Log records:**

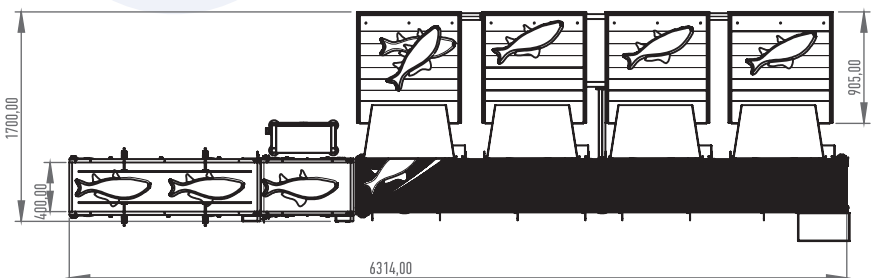
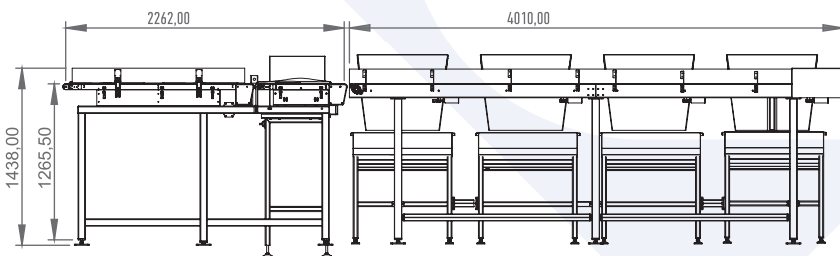
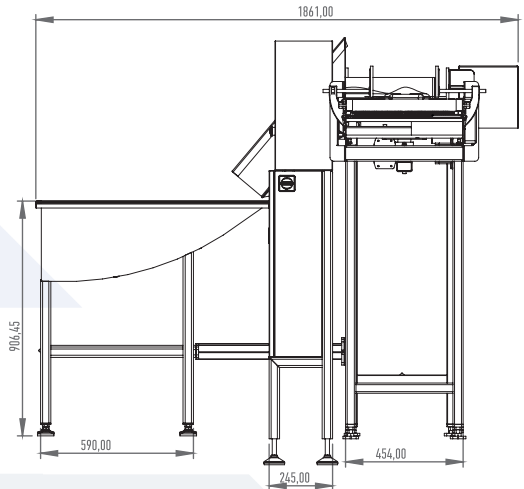
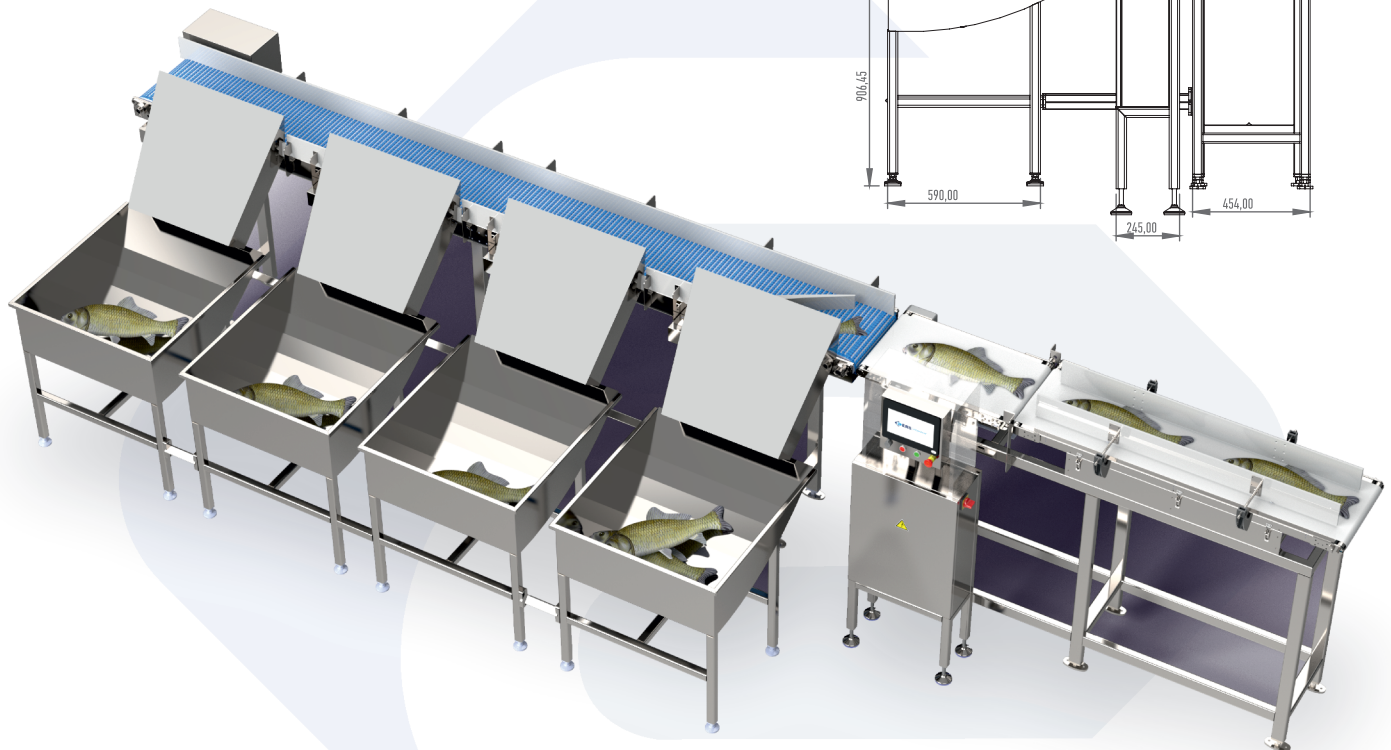
Date, time, operator log and record of all events on the detector

## WEIGHING-SORTING MACHINE

Fish are weighed on the weighing band and directed to exit routes adjusted according to their weight. The speed varies depending on the length of the fish, and manufacturing is done by weighing-sorting in the range of 60-110 pieces/minute.

### FEATURES

- AISI 304-316 Quality High Quality Stainless Steel Construction,
- Dynamic Design,
- Easy to Clean,
- High Efficiency,
- Low Production Costs,
- IP67 Touch screen control,
- Remotely accessible system,
- Possibility to receive different reports,





## AREAS OF EXPLOITATION



LEGUMES



OILS



CLEANING POWDERS / DETERGENTS



NUTS



DRIED FRUITS



CHOCOLATE AND CAKES



MEAT AND POULTRY



FISH



PHARMACEUTICALS AND CHEMISTRY



PLASTIC

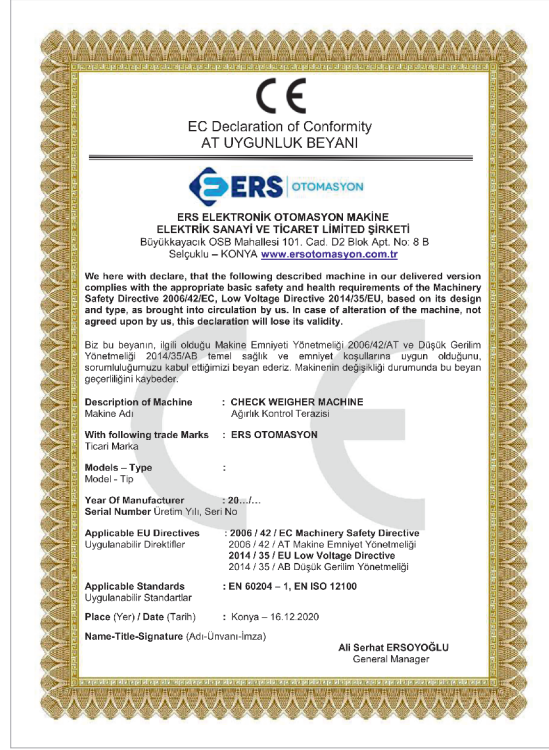


COSMETICS



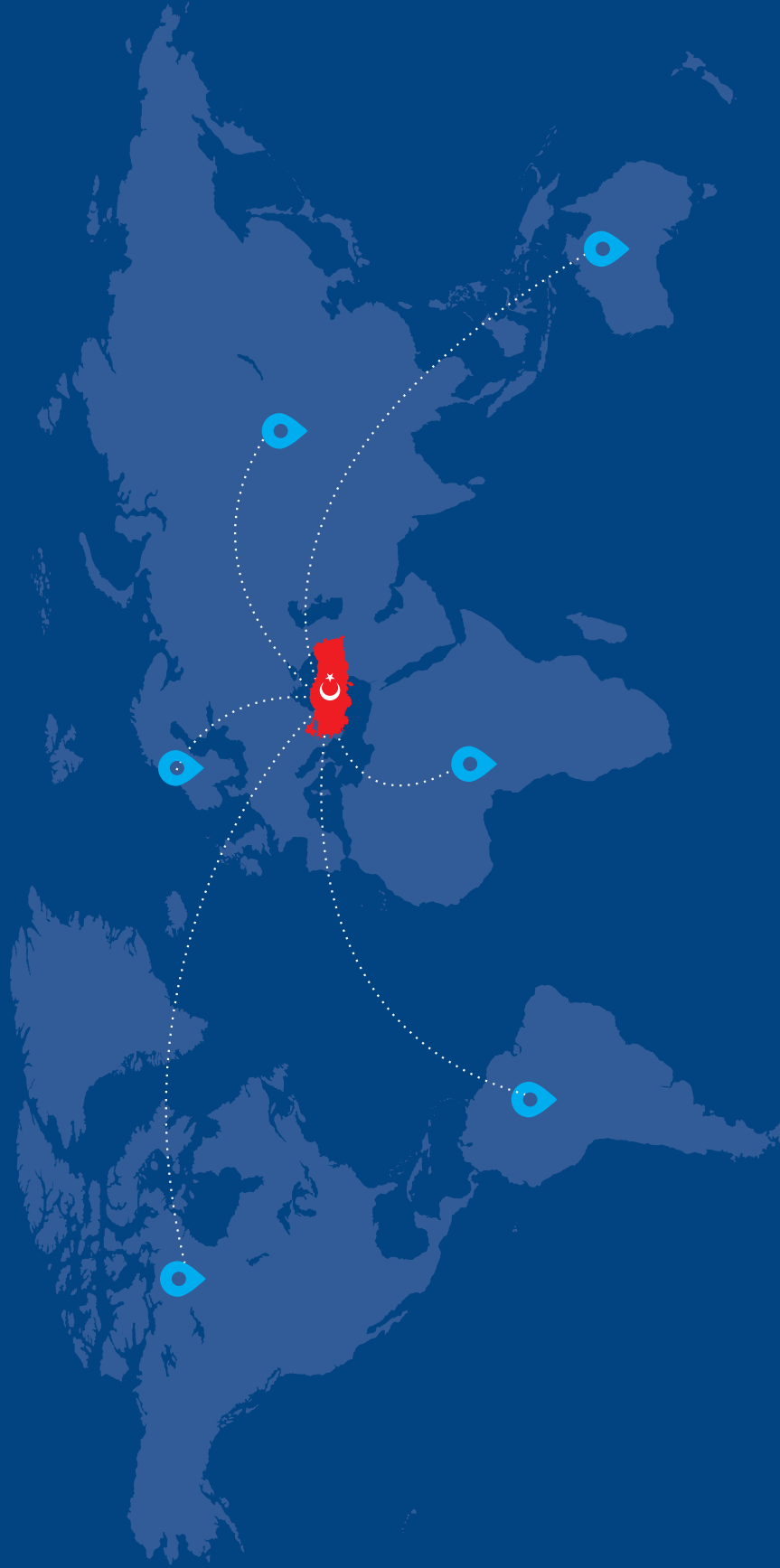
DAIRY PRODUCTS

# OUR CERTIFICATES



## NOTLAR





**ERS ELEKTRONİK OTOMASYON MAKİNA  
ELEKTRONİK SAN. VE TİC. LTD. ŞTİ.**

Büyükkayalık O.S.B. Mahallesi 101. Caddesi  
D3 Blok No:8/1-B Selçuklu / Konya / Türkiye

+90 332 265 07 17

+90 549 541 07 17

+90 531 723 01 17

satis@erscheckweigher.com

export@erscheckweigher.com



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





