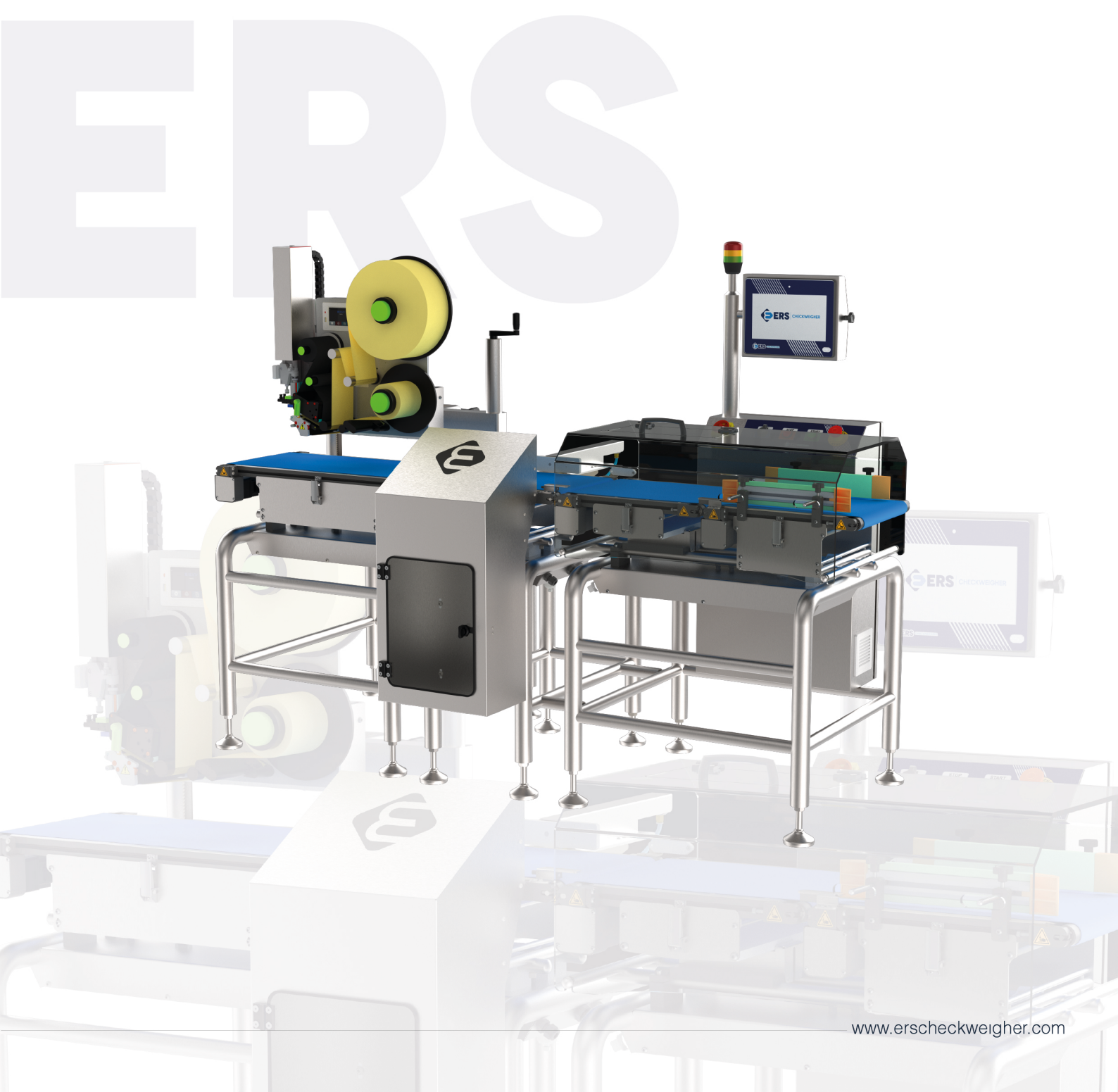


# EXCELLENCE IN EVERY DETAIL

PRECISE WEIGHING AND DYNAMIC LABELING  
IN A SINGLE COMPACT UNIT.



## Model & Structure

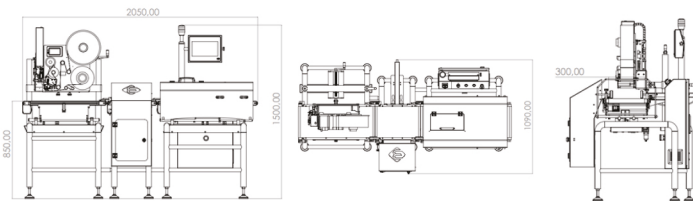
<b>Model Series</b>	ERS W PL Series (Weighing Price Labeler)
<b>Body Structure</b>	AISI 304 Stainless Steel
<b>Protection Class</b>	IP54 (Standard) / IP65 (Optional)
<b>Conveyor System</b>	Food safety compliant, tool-free easy-to-assemble modular structure

## Weighing Performance

<b>Capacity Options</b>	600 g – 60 kg range (Wide model range)
<b>Precision</b>	≥ 0.2 g (Depending on product and capacity)
<b>Max. Capacity</b>	120 – 150 packages per minute (depending on package size and product stability)
<b>CW Screen</b>	10.2" Wide Color Touchscreen

## Labeling Unit

<b>Printing Technology</b>	Thermal Transfer or Direct Thermal
<b>Printing resolution</b>	300 dpi (Standard) / 600 dpi (Optional)
<b>Print Width</b>	105.7mm (PX Q4) / 162.6mm (PX Q6)
<b>Print Speed</b>	Up to 300 mm/s
<b>Label Roll Diameter</b>	205 mm (Standard) / 305 mm (Optional Unwinder)
<b>Ribbon Capacity</b>	Max. 450 – 600 meters (Coated surface inside or outside)
<b>Minimum Label Height</b>	4 mm (Standard)



<b>Core Diameter</b>	76 mm (3")
<b>Guidance</b>	360° mounting capability (The printing motor can operate in any position)
<b>Screen</b>	4.3" Capacitive Touchscreen (Motor)
<b>Data Protocols</b>	OPC UA, Modbus TCP, FTP, DHCP
<b>Standard Interfaces</b>	Ethernet (10/100/1000 Base-T), 4x USB 2.0, RS232

## Technical Specifications

The ERS W PL Series is an advanced weighing and pricing labeling system developed for the food and retail industries. It combines ERS' high-precision dynamic weighing technology with high-speed thermal transfer labeling. Whether used for unit-based pricing or fixed-weight labeling applications, the system accurately weighs, verifies, and labels each package with real-time data (Weight, Price, Barcode, Expiration Date). The system is fully compliant with MID and OIML R51 regulations.

## Key Features

- **Premium Printing Engines:** Equipped with industrial-grade thermal transfer printing motors (e.g., CAB Hermes+ / Fixematch series), it ensures reliable 24/7 uninterrupted operation.
- **Full Connection:** Thanks to its Windows-based PC architecture, it provides seamless integration with SQL databases, ERP systems (SAP, Microsoft Dynamics), and central control rooms.
- **Modular Labelers:** Thanks to interchangeable arms, top, bottom, side, or C-wrap labeling can be done on the same chassis.
- **Intelligent Printhead Technology:** Automatic print head health check and ribbon saving mode reduce consumable costs.
- **Hygienic Design:** Made of AISI 304 stainless steel and anodized aluminum, it provides easy cleaning and IP protection.

## Compliance & Process Safety

- **Air-Jet (Contactless):** It applies the label to the product without contact with compressed air. Ideal for bakery products or delicate foods.
- **Buffer-Blow (Piston):** The pneumatic arm extends the label, enabling precise application to flat surfaces (e.g., meat trays, cheese blocks).
- **Wipe-On (Rotary Arm):** A roller or brush physically applies the label to the product. Ideal for side labeling applications (bottles, corner wrap cartons). Provides strong adhesion on curved surfaces.

# ERS