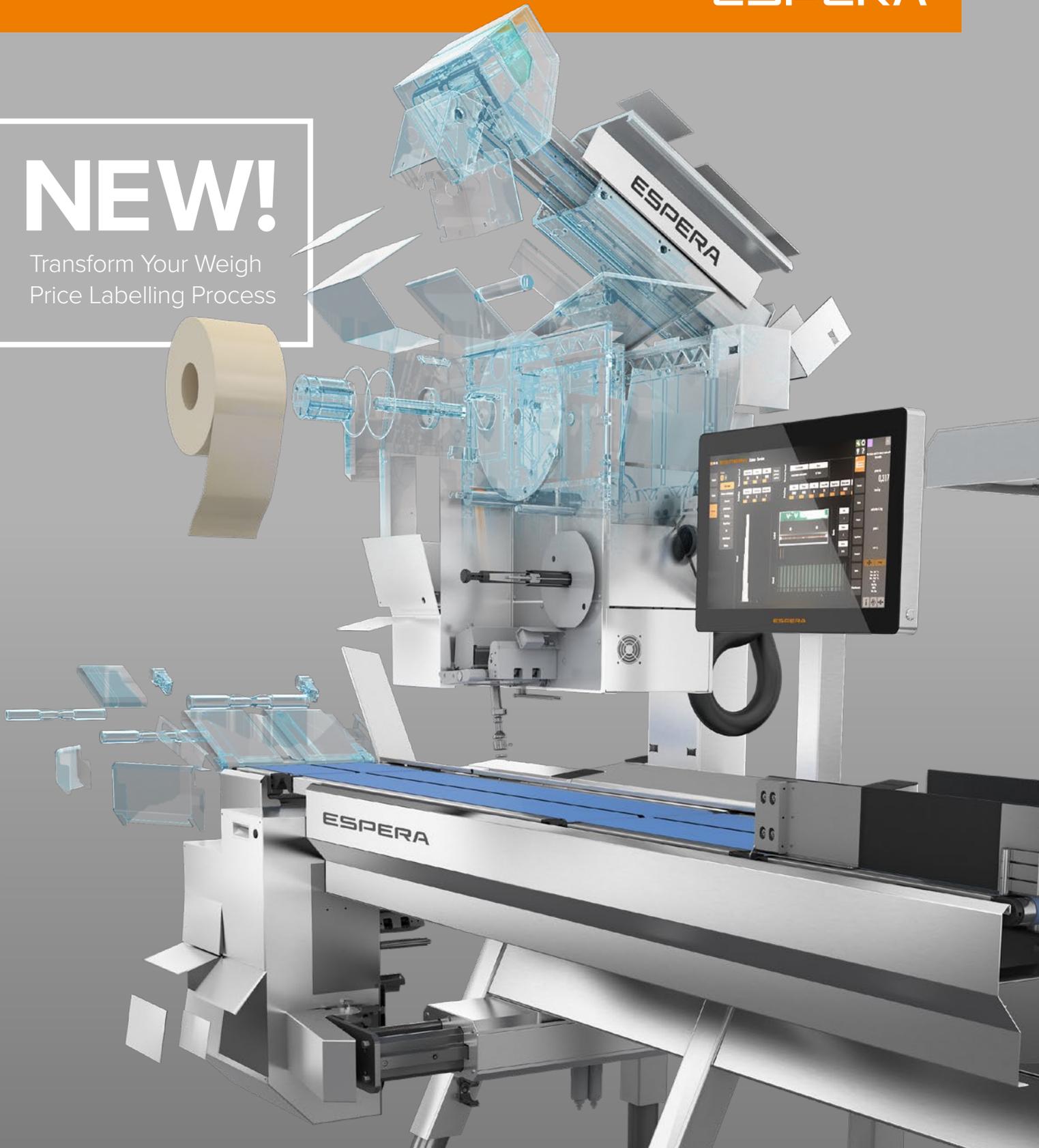


ESPERA

**NEW!**

Transform Your Weigh  
Price Labelling Process



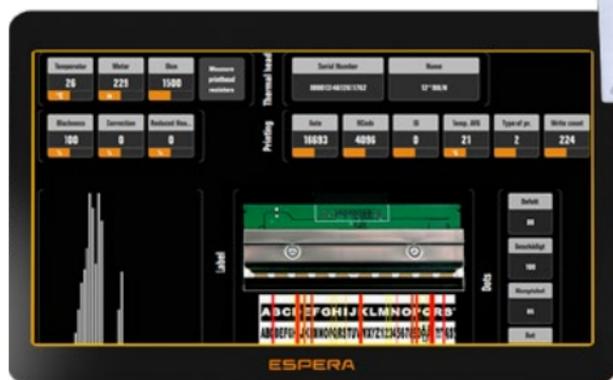
**ESPERA NOVA** ES-R

The Smart Weigh Price Labelling System - digital, flexible, intuitive.

# INCREASE THE EFFIC DUCTION – DISCOVER WEIGH PRICE LABEL

## *SmartHead* – Full status control of the thermal printhead

Overlook the printing quality and the remaining runtime of the thermal printhead at anytime and adjust the printing quality independently depending on your needs by using the intelligent assist function.



---

# SWITCH & GO - MODULAR APPLICATION SYSTEMS

---

With Switch & Go, you can adapt the **ESPERA**NOVA applicators to suit your products at any time. Choose individually from different applicator variants:



## 1. Contact-Pendular Applicator

- Path-controlled pendular movement for highest accuracy and highest speed
- Individual label rotation
- Automatic height compensation
- Especially recommended for high speed requirements



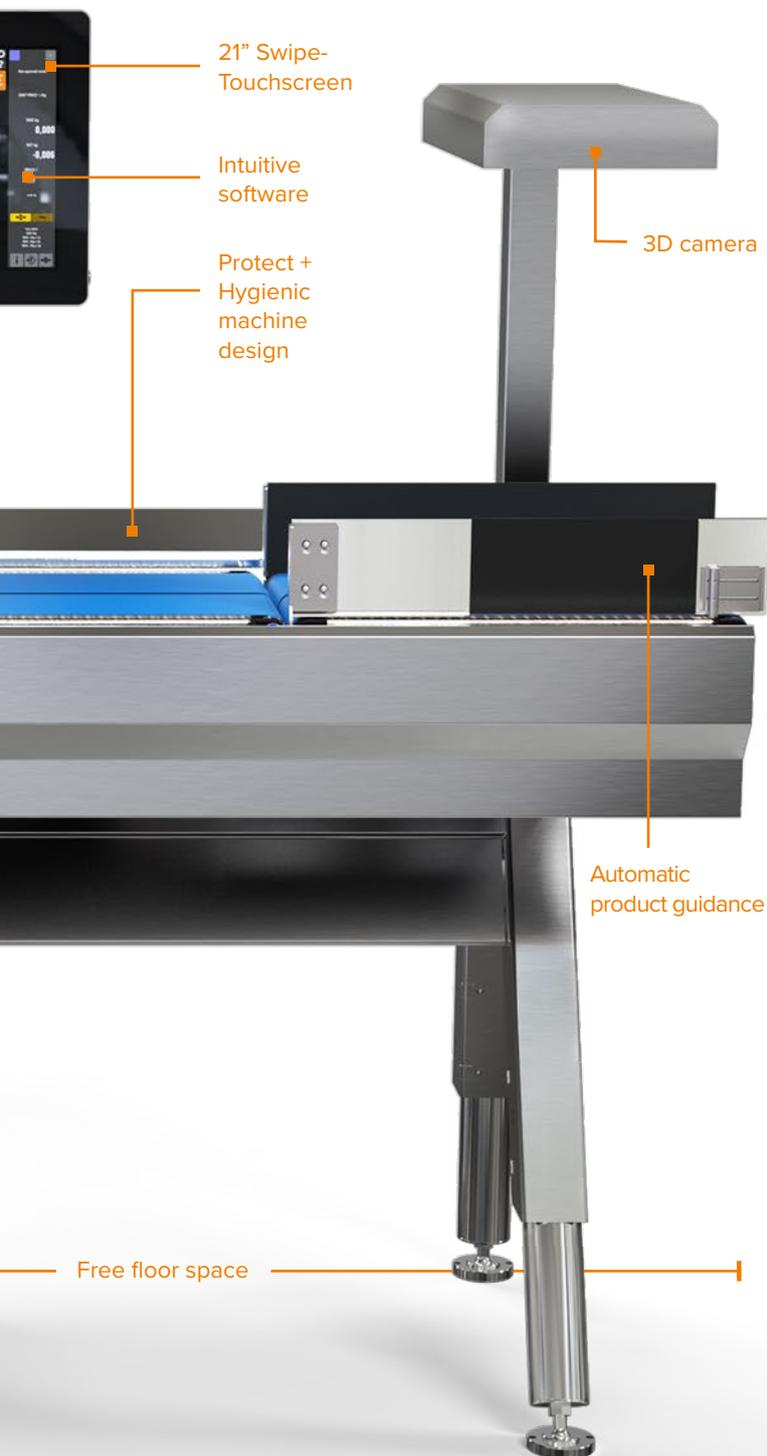
## 2. Blow-Pendular Applicator

- Path-controlled pendular movement for highest accuracy and highest speed
- Touchless label application via air
- Individual label rotation
- Automatic height compensation
- Especially recommended for high speed requirements

# INCREASE THE EFFICIENCY OF YOUR PRODUCTION – DISCOVER THE NEW GENERATION IN WEIGH PRICE LABELLING **ESPERA NOVA**



ESPERA



21" Swipe-Touchscreen

Intuitive software

Protect + Hygienic machine design

3D camera

Automatic product guidance

Free floor space

**INNOVATIVE,  
WATER  
PROTECTED  
AND MUCH  
MORE ...**

... further features and innovations please go to [www.espera-next-generation.com](http://www.espera-next-generation.com)

---

# SMART TECHNOLOGY

---

We adapt our machines to your production requirements and not vice versa!

## **Think4Industry**

- The smart machine software for an easy and intuitive machine operation

## **Dynamic Adjust**

- Fully automatic adjustment of the printer position and product guides. In combination with the unique 3D camera. The automatic adjustments are defined individually per product on the fly during the labelling process

## **Fast Change of Label Rolls**

- This unique technology reduces downtime and costs for the daily production

## **Protect+**

- Highest water protection thanks to IPX5 protection as well as an allover easy to clean machine design \*

## **Anyview**

- Control and operation of the allover labelling process independent from the location, e.g. via smartphone or tablet device.

\* Except printer

## 3D CAMERA RECOGNITION

The unique 3D camera recognizes the package geometry during production, automatically saves the data in the package program and automatically determines the perfect labeling position.

Especially with irregular products, such as whole chicken, vegetables in tubular bag packaging, skin packaging or cheese, this solution is optimally used.



Different product geometries,  
e.g. flow wrapped packages



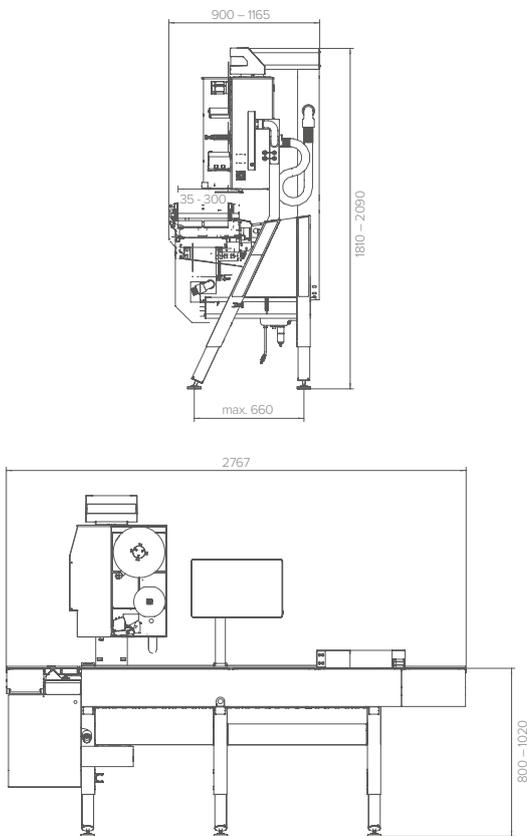
Irregular product geometries,  
e.g. natural products



Irregular product size  
and positioning in skin- and  
stretch packages



Labelling of  
rising/falling edges



<b>Terminal</b>	21" Swipe-Display
<b>Operator interface</b>	ESPERA Think4Industry
<b>Weight range for weigh price labelling mode (in g)</b>	20 – 10.000
<b>Weight range for checkweigher mode (in g)</b>	50 – 10.000
<b>Scale related mode</b>	10 kg (MI; 3/6/10 kg, 1/2/5 g)
<b>Power</b>	Up to 140 P/min.
<b>Supply mode</b>	Automatic
<b>Product orientation</b>	Product guides (can be removed completely)
<b>Package sizes for dynamic weighing mode with 500 mm weighing belt (L x W x H)</b>	400 x 380 x 160 *
<b>Package sizes for start-stop weighing mode with 500 mm weighing belt (L x W x H)</b>	470 x 380 x 160 *
<b>Package sizes for start-stop weighing mode with 500 mm weighing belt lowered (L x W x H)</b>	750 x 380 x 160 *
<b>Package sizes for dynamic weighing mode with 650 mm weighing belt (L x W x H)</b>	550 x 380 x 160 *
<b>Package sizes for start-stop weighing mode with 650 mm belt (L x W x H)</b>	620 x 380 x 160 *
<b>Package sizes for start-stop weighing mode with 650 mm weighing belt lowered (L x W x H)</b>	750 x 380 x 160 *
<b>Conveyor speed</b>	80 m/min.
<b>Product recognition</b>	Lightbarrier, 3D camera
<b>Print resolution</b>	300 dpi
<b>Maximum print speed (in mm/sec.)</b>	300
<b>Print width (in mm)</b>	104
<b>Label size - minimum top printer (in mm, L x W)</b>	32 x 32
<b>Label size - maximum top printer (in mm, L x W)</b>	180 x 110
<b>Label size - minimum bottom printer (in mm, L x W)</b>	36 x 36
<b>Label size - maximum bottom printer (in mm, L x W)</b>	160 x 110
<b>TTF</b>	Optional
<b>Label roll core size (in mm)</b>	76
<b>Label roll outer diameter size (in mm)</b>	300
<b>Label winding</b>	Internal and external
<b>USB</b>	Yes
<b>Ethernet</b>	Yes
<b>Power supply</b>	180 V – 255 V, 50/60 Hz
<b>IP-protection class</b>	IPX5
<b>Total printer</b>	Yes
<b>Multi-printer mode</b>	Yes
<b>Maximum number of printers</b>	4
<b>Remote control</b>	Yes
<b>Network capability</b>	Yes
<b>Storage</b>	SSD
<b>Number of feet</b>	6
<b>Temperature range</b>	-10°C – +40°C
<b>Height compensation/lateral positioning of printer</b>	Automatic/automatic
<b>Height compensation (mm)</b>	160

## ONE STEP AHEAD.

### ESPERA-WERKE GMBH

Moltkestraße 17 - 33  
47058 Duisburg  
Germany

Telephone: +49 203 30 54 - 0  
Fax: +49 203 30 54 - 275  
E-Mail: info@espera.com

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

\* by use of product guides the maximum package width reduces to 295 mm | All values are maximum values