

DIAMIND | LINE

PHYSICAL CONTAMINATION DETECTION
+ WEIGHT CONTROL

X-RAY + CHECKWEIGHERS

FOR SMALL AND MEDIUM VERTICAL PRODUCTS
HR - SR / EL-300/V - EL-400/V Series

SIDE X-RAY INSPECTION AND WEIGHT CONTROL

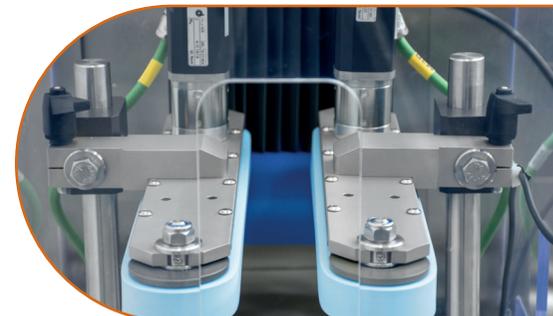
- For products developed in height such as briks, plastic bottles, standing cases, square-based vertical envelopes, etc
- The best inspection solutions, together with high-precision weighing
- All the advantages of the two single units
- A single operator interface to control both inspections
- Reduced costs and footprint compared to two separated machines
- Same compliance with regulations as the single units

FEATURES

- An exclusive monoblock integrating weighing module and X-Ray inspection thanks to internal design of custom electronics
- Hygienic design, quick-removal conveyors, washable structure
- Separate ejection systems to keep the rejects distinguished
- Tangential belts with micrometric adjustment



Tangential belts



Control panel



X-RAY+CHECKWEIGHERS FOR SMALL/MEDIUM VERTICAL PRODUCTS



MODELS

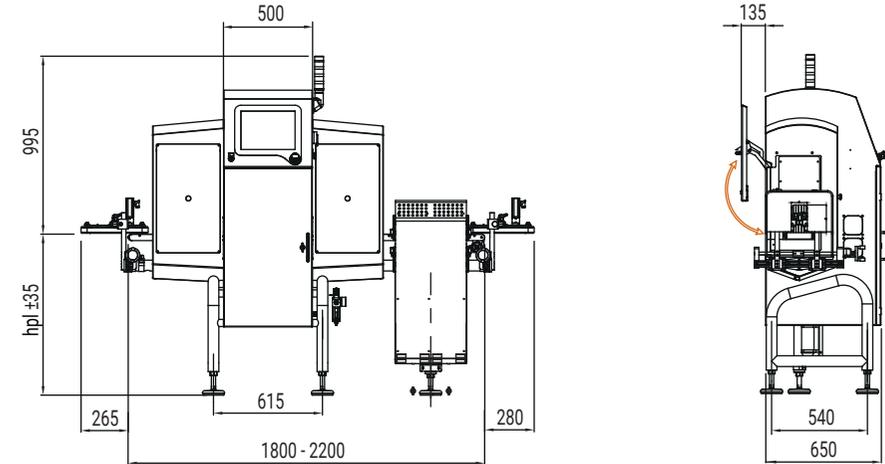
CODE	CONVEYORS WIDTH	WEIGHING RANGE	ACCURACY *	DISPLAY DIVISION
HR-600/EL-300/V	140 mm	600 g	± 0,2 g	0,1 g
SR-1200/EL-300/V	140 mm	1200 g	± 0,2 g	0,2 g
HR-600/EL-400/V	140 mm	600 g	± 0,2 g	0,1 g
SR-1200/EL-400/V	140 mm	1200 g	± 0,2 g	0,2 g

* variable according to the type and weight of the product and the production speed

STANDARD TECHNICAL FEATURES

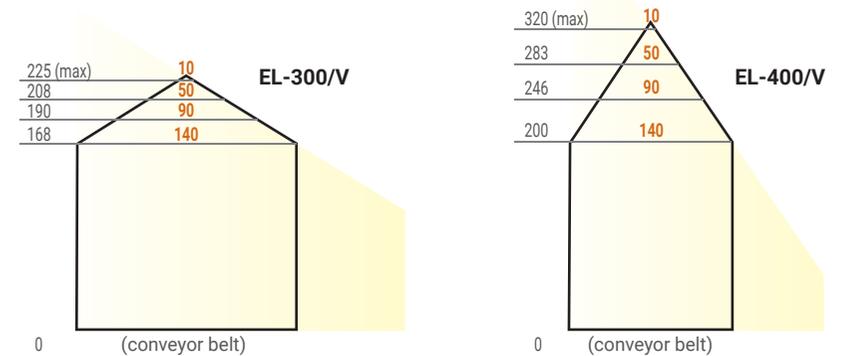
Control panel	colour touchscreen 15"
Data processing electronics	RISC embedded FPGA
Generator	latest generation – up to 100 W – electronic and integrated cooling module, maintenance not requested
Sensor	RISC embedded FPGA with 0,8 mm pixel - IP65
Self-learning system and Calibration	included
Data and images collection software	included through Ethernet and USB
Kit for remote assistance	included
Compliance industry 4.0	with bidirectional protocol
Conformity	CE, MID, BRC, IFS, HACCP, GMP
Linear speed	up to 90 m/min
Production	up to 450 ppm
Protection degree	IP65

LAYOUT



INSPECTION AREA

■ product height ■ product width



PACKAGING



FT System S.r.l.
Via L. Da Vinci, 117 - 29010 Alseno (PC) - ITALY
T. +39 0523 945 745 - info@antaresvisiongroup.com
www.antaresvisiongroup.com



ANTARES VISION
GROUP

EXPERIENCE THE POWER
OF **TRUSTPARENCY**[®]