

## Simple and effective checkweigher

Rely on the **essential equipment** to increase the profits of your production.

The V2000 Essentia **checkweigher** has the essential functionalities to help with the **quality control** of the production and to analyze the **profitability**. It automatically weighs 100% of products without stopping the production chain.

The V2000 Essentia requires **little installation space** and has a **modular system** that provides versatility and facilitates assembly and commissioning.

It includes advanced weighing electronics, good precision and a software with basic functionalities aimed to support quality control, as well as a touch screen, and extensive communications systems.

### TECHNICAL SPECIFICATIONS

Production	Up to 200 p/min.
Accuracy	From 0,1 g*
Division unit	From 0,1 g
Memory formats	Up to 100
Screen	LCD-LED color touch screen 8"
Protection	IP54
Minimum weight to control	From 1 g*
Maximum weight to control	Up to 20 kg
Motor	Asynchronous and / or Servo Motor
Working temperature	0-40 °C
Working height	600 - 1200 mm

\* Depending on the legal characteristics and the product format.

Varpe offers the possibility of adapting the standard specifications to the requirements of each client



ISO  
ISO 9001:2015  
certified



METROLOGY  
Equipment subject to  
metrological control  
according to EU  
directives and national RD

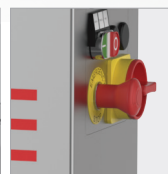


QUALITY AND  
MAINTENANCE PLAN  
Check our maintenance  
plans, certifications and  
calibrations

\* The image of the product may vary depending on adaptations of the equipment.



Beacon



Emergency stop

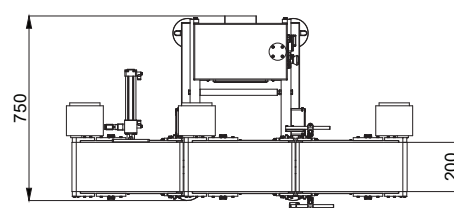
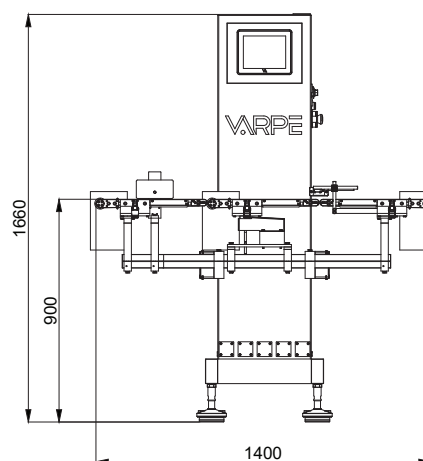


User-friendly software



Rejection

### DIMENSIONS



\* Conveyor dimensions adapted to the product needs.



## INCLUDED ELEMENTS



**ADJUSTMENT**  
Static and dynamic adjustment of products



**CONTROL**  
Full control of all processed products



**SELF-LEARNING**  
Product self-learning to optimize production



**AUTOZERO**  
Autozero - Autotrack for automatic weight adjustment



**AUDIT**  
Audit-trail of settings and configurations



**SOFTWARE**  
Intuitive human-machine interface



**USERS**  
Basic control of the users



**SECURITY**  
Data integrity security



**LANGUAGES**  
Language selection

## ADDITIONAL ELEMENTS (MODULAR)

### Accessories and complements



**GUIDES**  
Adjustable side guides and upper guides



**FEEDERS**  
Magnetic feeders, sidebands, pass-through, sequencers, screw feeders, etc.



**PROTECTIONS**  
Fairings against drafts, accesses, etc.



**AIR-CONDITIONING**  
Air conditioning for extreme temperatures



**ALARMS & BEACONS**  
Light and / or acoustic beacon and alarms



**REJECTION DEVICES**  
Pushers, blowers, turnouts, tilting, progressive, retractable, etc.



**COLLECTION**  
Rejected product collection system



**IP**  
Degree of protection suitable for harsh environments



**SENSORS**  
Sensors adapted to the product



**ADAPTATION**  
Possibility of different measures in working height, weight zone, conveyors and rejection



**HYGIENIC DESIGN**  
Hygienic design based on EHEDG concepts



**INCLINED PLANE**  
Design adapted to inclined lines



**ANTI-VIBRATION**  
Anti-vibration reinforcement base



**BENCH**  
Independent bench



**SCREEN**  
Articulated arm screen



**PRINTER**  
Integrated data printer



**UPS**  
Uninterruptible power supply

### Communications, controls and technologies



**DIGITAL SIGNALS**  
Management of digital signals for communication with the line



**USB**  
USB connection port



**PROTOCOLS**  
Communication protocols DATAHUB, WEB, MODBUS TCP IP, OPC UA, etc.



**CONNECTIONS**  
Ethernet connections



**MAINS VOLTAGE**  
Electrical voltages adapted to the client at 50/60 Hz



**SOFTWARE**  
Software to improve performance and profitability under request



**VIT4**  
VIT4 software for production data management



**REMOTE CONNECTION**  
Remote communication for remote maintenance and / or technical support



**SPEED**  
Automatic speed variation



**PULSES**  
Pulse speed variation



**PRODUCTION CONTROL**  
Control of downtimes, shifts, partials, weight out



**FEEDBACK**  
Feedback for proportional dosing system, PID or moving average



**CONFIRMATION**  
Confirmation of correct or rejected products (full confirmation), M&S process



**ACCUMULATION**  
Detection system for rejected product accumulation



**REJECTION INFORMATION**  
Queries, export and analysis of rejections



**LIST**  
Automatic production listing



**READER**  
Manual or automatic barcode, QR and IR reader



**VISION**  
Possibility of adding inspection by vision to complete product information



**USERS**  
Advanced user control and access with a three-level password



**UNITS**  
Selection of measurement units according to the needs



**DIAGNOSIS**  
Check of the correct operation of the equipment