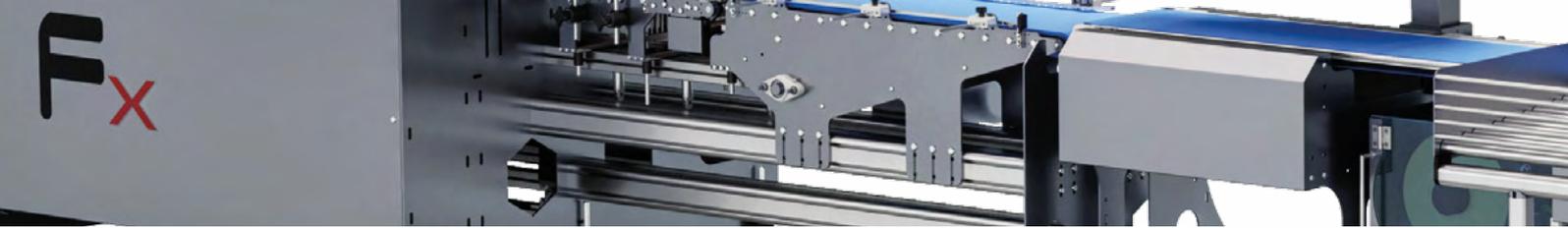




WEIGHING SYSTEMS
WEIGH PRICE LABELERS
CHECKWEIGHERS
AUTOMATIC LABELING MACHINES
VISION CONTROL SYSTEMS
METAL DETECTOR
DIVERTERS/ALIGNERS
SOFTWARE



TECHNOLOGY for Your Business



HIGH INDUSTRIAL TECNOLOGY AND MAXIMUM VERSATILITY

"Thanks to our extensive experience, we manufacture equipment for the agricultural and food, retail, industrial and commercial sectors looking for weighing, dosing, packaging, storing solutions etc. Our markets of reference are mainly Europe, central and southern America and north Africa," reports Santo Rapisarda, sole administrator of RS Bilance, who founded the company in 2006.

"The high quality of our systems and our reliability when it comes to after-sales assistance mean we are renowned on both the domestic market and abroad, where we are expanding."

The company specializes in automation, in the design and production of weighing systems, automatic weigh-ricing machines, weight sorting machines, automatic labeling machines, vision control systems, metal detectors and software for data control and management.

The RS Bilance range includes manual and automatic weighing systems, price labelers, labelers, vision systems, metal detectors, diverters/aligners and the relative software. What is more, the company designs dedicated turnkey processing lines and, in case of existing systems, it can adapt them to the most recent standards and also intervene in stores with software for the management of product transit processes. As mentioned above, great care is placed on providing assistance and system maintenance from operations under warranty to planned operations.

"We promote our products on the market via agents with suitable technical-industrial skills and knowledgeable as regards the potential client's sector to conduct effective negotiations, as well as traders of automation systems, facilitators, influencers and technical and commercial partners for made-to-measure orders."

"RS Bilance was set up to innovate processing lines and improve performances. The need for new evolved processes enabled us to reach objectives that have led us to becoming leaders in the sector. Our engineering process concerns all production aspects when it comes to both mechatronics and IT, plus we also constantly train our experts. This process is also useful to the agricultural and food sector, which has to deal with the current industrial revolution defined Industry 4.0 for which cyberphysical systems have been developed, i.e. physical systems strictly connected with IT systems and that can interact and collaborate with other cyberphysical systems."



GWX Plus

20P

WEIGH PRICE LABELER

- Cadences up to 22 ppm (stop and go operation).
- Capacity: 6 kg - 2 g with motorized belts width 275 and 320 mm.
- 1 motorized belt, closed loop.
- Brushless motor and drive board, speed up to 40 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.
- Weight pricing program.
- Sw custom label editor program.
- Multilingual selection.



GWX Plus

30P

WEIGH PRICE LABELER

- Cadences up to 30 ppm (stop and go operation).
- Capacity: 3 kg - 1 g / 6 kg - 2 g with motorized belts width 230 mm.
- Capacity: 6 kg - 2 g with motorized belts width 230, 275 and 320 mm.
- 2 motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 55 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.

- Print mode: thermal transfer and/or direct.
- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.
- Label application by pneumatic rotary arm with sponge application plate, consumption 4/6 bar 40 l/min.
- Mechanical handling printing unit horizontal, vertical and rotational (180°).
- Weight pricing program.
- Sw custom label editor program.
- Multilingual selection.



GWX Plus

45P

60P

WEIGH PRICE LABELER

- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.

- Print mode: thermal transfer and/or direct.
- Weight pricing program.
- Sw custom label editor program.
- Multilingual selection.

45 ppm

- Cadences up to 45 ppm (dynamic operation).
- Capacity: 3 kg - 1 g / 6 kg - 2 g with motorized belts width 230 mm.
- Capacity: 6 kg - 2 g with motorized belts width 230, 275 and 320 mm.
- 3 motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 30 m/min.
- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.

60 ppm

- Cadences up to 60 ppm (dynamic operation).
- Capacity: 3 kg - 1 g / 6 kg - 2 g with motorized belts width 230 mm.
- Capacity: 6 kg - 2 g with motorized belts width 230, 275 and 320 mm.
- 3 motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 40 m/min.
- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.
- Label application by pneumatic rotary arm with sponge application plate, consumption 4/6 bar 40 l/min.
- Mechanical handling printing unit horizontal, vertical and rotational (180°).



GWX.AS2 Plus

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WEIGH PRICE LABELER WITH LABEL APPLICATION FROM BELOW

- Cadences up to 60 ppm.
- Capacity: 3 kg - 1 g / 6 kg - 2 g with motorized belts width 230 mm.
- Capacity: 6 kg - 2 g with motorized belts width 230, 275 and 320 mm.
- 4 motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 40 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application with electronic motorized belt.
- Linear movement on bearings for positioning of the printing unit.
- Weight pricing program.
- Sw custom label editor program.
- Multilingual selection.



GWX MAXI Plus

30P

40P

WEIGH PRICE LABELER FOR BOXES

- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.

- Print mode: thermal transfer and/or direct.
- Weight pricing program.
- Sw custom label editor program.
- Multilingual selection.

30 ppm

- Cadences up to 30 ppm (stop and go operation).
- Capacity: 15 kg - 5 g / 30 kg - 10 g / 60 kg - 20 g with motorized belts width 420 and 510 mm.
- 2 motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 40 m/min.
- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.
- Label application by pneumatic rotary arm with sponge application plate, consumption 4/6 bar 40 l/min.
- Mechanical handling printing unit horizontal, vertical and rotational (180°).
- Mechanical adjustment of the inclination from 0 to 45° of the conveyor belts.

40 ppm

- Cadences up to 40 ppm (dynamic operation).
- Capacity: 15 kg - 5 g / 30 kg - 10 g / 60 kg - 20 g with motorized belts width 420 and 510 mm.
- 3 motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 40 m/min.
- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.
- Label application by pneumatic rotary arm with sponge application plate, consumption 4/6 bar 40 l/min.
- Mechanical handling printing unit horizontal, vertical and rotational (180°).



GWX 270V Plus GWX 380V Plus

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WEIGH PRICE LABELER FOR UNPACKED PRODUCTS OR SPHERICAL

- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.

- Print mode: thermal transfer and/or direct.
- Weight pricing program.
- Sw custom label editor program.
- Multilingual selection.

270V - FOR SMALL PRODUCTS

- Cadences up to 60 ppm.
- Capacity: 6 kg - 2 g / 15 kg - 5 g with motorized belts couples width 270 mm.
- 3 pairs of motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 40 m/min.
- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.
- Label application by pneumatic rotary arm with sponge application plate, consumption 4/6 bar 40 l/min.
- Mechanical handling printing unit horizontal, vertical and rotational (180°).
- Mechanical adjustment of the inclination from 0 to 45° of the conveyor belts.

380V

- Cadences up to 35 ppm.
- Capacity: 15 kg - 5 g / 30 kg - 10 g with motorized belts couples width 380 mm.
- 3 pairs of motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 40 m/min.
- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.
- Label application by pneumatic rotary arm with sponge application plate, consumption 4/6 bar 40 l/min.
- Mechanical handling printing unit horizontal, vertical and rotational (180°).



MX Dynamic

FULLY CONFIGURABLE HIGH SPEED WEIGH PRICE LABELER

- Cadences up to 100 ppm.
- Capacity: 3 kg - 1 g / 6 kg - 2 g with motorized belts width 230 mm.
- Capacity: 6 kg - 2 g with motorized belts width 230, 275 and 320 mm.
- From 3 to 4 motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 70 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.

- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.
- Label application by pneumatic rotary arm with sponge application plate, consumption 4/6 bar 40 l/min.
- Mechanical handling printing unit horizontal, vertical and rotational (180°).
- Weight pricing program.
- Sw custom label editor program.
- Multilingual selection.



SPM Station Plus

MANUAL PRICE WEIGHT STATION

www.rsbalance.com

- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Stainless steel structure.
- Weight pricing program.
- Sw custom label editor program.
- Multilingual selection.

- Stainless steel platform, operation with approved load cell "single point" in stainless steel, according to standards OIML R60 with dust protection and humidity and according to standards IP67. Dimensions: 350x250 - 400x400 - 600x600 mm, capacity: from 3 kg to 300 kg.
- Print mode: thermal transfer and/or direct.
- Printer SD Plus.



CX Dynamic

CHECKWEIGHER FOR SMALL CAPACITIES

- Cadences up to 170 ppm.
- Capacity: 3 kg - 1 g with motorized belts width 95, 140 and 185 mm.
- Capacity: 3 kg - 1 g / 6 kg - 2 g with motorized belts width 230 mm.
- Capacity: 6 kg - 2 g with motorized belts width 230, 275 and 320 mm.
- From 1 to 3 motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 70 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Weight control program.
- Multilingual selection.



CX Dynamic with tilting

CHECKWEIGHER FOR SMALL CAPACITIES

www.rsbalance.com

- Cadences up to 70 ppm.
- Capacity: 3 kg - 1 g / 6 kg - 2 g with motorized belts width 230 mm.
- Capacity: 6 kg - 2 g with motorized belts width 230, 275 and 320 mm.
- Capacity: 15 kg - 5 g with motorized belts width 420 mm.
- 4 motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 70 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Weight control program.
- Multilingual selection.



WBOX

CHECKWEIGHER FOR LARGE CAPACITIES

- Cadence up to 50 ppm.
- Capacity: 15 kg - 5 g / 30 kg - 10 g / 60 kg - 20 g with motorized belt width 420 mm.
- Capacity: 30 kg - 10 g / 60 kg - 20 g with motorized belt width 510 and 700 mm.
- 1 motorized belt, closed loop.
- Brushless motor and drive board, speed up to 45 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Weight control program.
- Multilingual selection.



MINI CHECK Plus

CHECKWEIGHER

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- Cadences up to 35 ppm.
- Capacity: 6 kg - 2 g / 15 kg - 5 g with motorized belt width 400 mm.
- 1 motorized belt, closed loop.
- Brushless motor and drive board, speed up to 40 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.

- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Weight control program.
- Multilingual selection.



SAP.A Plus

AUTOMATIC LABELING MACHINE WITH PRINT AND APPLY TO AIR BLAST

- Cadences up to 120 ppm.
- Power supply: 230 Vac (Hz 50/60).
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.
- Machine management program.
- Program for printing and editing labels with image technology. Sw custom label.
- Multilingual selection.



SAP.B Plus

www.rsbalance.com

AUTOMATIC LABELING MACHINE WITH PRINT AND APPLY TO PNEUMATIC ARM

- Cadences up to 120 ppm.
- Power supply: 230 Vac (Hz 50/60).
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application by pneumatic rotary arm with sponge application plate, consumption 4/6 bar 40 l/min.

- Machine management program.
- Program for printing and editing labels with image technology. Sw custom label.
- Multilingual selection.



SAP.L Plus

AUTOMATIC LABELING MACHINE WITH PRINT AND APPLY TO AIR BLAST

- Cadences up to 120 ppm.
- Power supply: 230 Vac (Hz 50/60).
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.
- Machine management program.
- Program for printing and editing labels with image technology. Sw custom label.
- Multilingual selection.



SAP.A Plus NT

www.rsbalance.com

AUTOMATIC LABELING MACHINE WITH PRINT AND APPLY TO AIR BLAST WITH BELT AND TOUCH SCREEN

- Cadences up to 120 ppm.
- Brushless motor and drive card, speed up to 70 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.

- Label application with compressed air (AIR BLAST), 6 bar 60 l/min, multi-label chamber with mechanical adjustment and position indicator.
- Mechanical handling printing unit horizontal, vertical and rotational (180°).
- Machine management program.
- Program for printing and editing labels with image technology. Sw custom label.
- Multilingual selection.



SAP.B Plus NT

AUTOMATIC LABELING MACHINE WITH PRINT AND APPLY TO PNEUMATIC ARM WITH BELT AND TOUCH SCREEN

- Cadences up to:
 - 80 ppm for superior application;
 - 50 ppm for frontal application.
- Brushless motor and drive board, speed up to 70 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application by pneumatic rotary arm with sponge application plate, consumption 4/6 bar 40 l/min.
- Mechanical handling printing unit horizontal, vertical and rotational (180°).
- Machine management program.
- Program for printing and editing labels with image technology. Sw custom label.
- Multilingual selection.



SAP.L Plus NT

www.rsbalance.com

AUTOMATIC LABELING MACHINE WITH PRINT AND APPLY TO LINEAR PISTON WITH BELT AND TOUCH SCREEN

- Cadences up to 120 ppm.
- Brushless motor and drive card, speed up to 70 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application by linear pneumatic piston with sponge application plate, consumption 4/6 bar 40 l/min.
- Mechanical handling of the vertical printing unit.
- Machine management program.
- Program for printing and editing labels with image technology. Sw custom label.
- Multilingual selection.



SAP.P Plus NT

AUTOMATIC LABELING MACHINE WITH PRINT AND APPLY TO LINEAR PISTON WITH BELT AND TOUCH SCREEN

- Cadences up to 50 ppm.
- Brushless motor and drive board, speed up to 70 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application by linear pneumatic piston with sponge application plate, consumption 4/6 bar 40 l/min.
- Mechanical handling printing unit horizontal, vertical and rotational (180°).
- Machine management program.
- Program for printing and editing labels with image technology. Sw custom label.
- Multilingual selection.



AS2 Plus NT

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AUTOMATIC LABELING MACHINE WITH PRINT AND APPLY FROM BELOW

- Cadences up to 150 ppm.
- 2 motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 70 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application with electronic motorized belt.
- Linear movement on bearings for positioning the printing unit.
- Machine management program.
- Program for printing and editing labels with image technology. Sw custom label.
- Multilingual selection.



SAP PXM Plus

PRINT AND APPLY SYSTEM WITH PNEUMATIC CYLINDER FOR LOGISTIC PURPOSE

- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application by linear pneumatic piston with sponge application plate, consumption 4/6 bar 40 l/min.
- Mechanical handling of the vertical printing unit.
- Machine management program.
- Program for printing and editing labels with image technology. Sw custom label.
- Multilingual selection.



AUTOMATIC LABELING MACHINE WITH PRINT AND APPLY TO LINEAR PISTON FOR PALLETS

- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application by linear pneumatic piston with sponge application plate, consumption 4/6 bar 40 l/min.
- Electronic movement of the vertical printing unit, automatic stop and application management.
- Machine management program.
- Program for printing and editing labels with image technology. Sw custom label.
- Multilingual selection.



FX Special

SEAL LABELLER WITH APPLICATION FROM 180° TO 360°

- Cadences up to 70 ppm.
- 2 vertical brushless motorized belts, closed loop (centering) with electronic positioning by touch.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Print mode: thermal transfer and/or direct.
- Label application with controlled suction chamber.
- Vertical printing unit positioning, electronic for the correct application of the label in the product.
- Horizontal printing unit positioning, mechanical on linear guide with bearings, electronic (optional).
- Belt aligner with brushless motorization and pneumatic barrier system for product alignment.
- Machine management program.
- Program for printing and editing labels with image technology. Sw custom label.
- Multilingual selection.



RTX110

ROTATOR

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- Cadence up to 85 ppm.
- 4 Blades arranged at 90° for product positioning.
- 1 motorized belt, closed loop.
- Brushless motors and drive boards, speed up to 60 mt / min..
- Power supply: 230 Vac (HZ 50/60).
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.



TMS/TMS.M

MONOFREQUENCY/MULTI-SPECTRUM METAL DETECTOR

- Brushless motor and drive board, speed up to 55 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Structure and carpentry in aluminum and stainless steel.

Probes

- Superior detection capacity of magnetic and non-magnetic metal contaminants including stainless steels.
- Effective compensation of the product effect.
- Compliant with FDA 21CFR Part 11: Safety; Integrity; Traceability of data.
- AISI 316L stainless steel structure and plastic materials compatible with EU, FDA compliant foods.
- Multifrequency technology for maximum sensitivity to the variation of the Product Effect.

- Control Power Box available according to UL 508A and CSA-C22.2 No. 14-05 Standards.
- Light column with LED technology.

- High immunity to environmental disturbances.
- Self-acquisition and automatic tracking of the Product Effect.
- 250 storable products, selectable from local programming or network software.
- 1.000 storable events.
- 4x20 character alphanumeric display.
- Local programming: 4 keys, 3 of which with double function.



AUTOMATIC VISION SYSTEM FOR ARTIFICIAL RECOGNITION

- 1 motorized belt, closed loop width from 230 to 420 mm.
- Brushless motor and drive board, speed up to 90 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Simultaneous/individual acquisition with 2 cameras.
- Up to 4 installable industrial cameras, very high acquisition speeds, according to your vision needs.
- LED lighting unit.
- Dedicated software for the management of the vision system.
- Light column with LED technology.



DX950

DIVERTER

- Cadence up to 75 ppm.
- Motorized rollers, double transport, reverse directions.
- Brushless motors and drive boards, speed up to 60 mt / min.
- 3 Brushless motorized linear guides with pneumatic lifting.

- Reversal of direction on two outputs.
- Power supply: 230 Vac (HZ 50/60).
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PC.



DV12/DV16 from 1 to 2/from 1 to 3

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DIVERTER SLAT

- Diverter/Aligner 1/2 and 1/3.
- AC motor controlled by inverter, speed up to 50 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Structure and carpentry in aluminum and steel.
- Machine management by PLC.



DV.A from 1 to 2/from 1 to 3

PNEUMATIC DIVERTER

- Cadences up to 120 ppm.
- 1 motorized belt, closed loop width from 500 to 1000 mm.
- Brushless motor and drive board, speed up to 70 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Mechanical blade adjustments.



LC-2D TOP

BARCODE DETECTION SYSTEM

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- IP65 digital barcode reader.
- Sensor: CMOS images.
- 1280×1024 pixels.
- Light source: high intensity red LED.
- Pointer light source: high intensity green LED.
- Focus adjustment: auto focus.
- Reading distance: from 110 to 1000 mm.
- Minimum 2D resolution: 0.063 mm.
- Minimum barcode resolution: 0.082 mm.
- Supported codes: QR, MicroQR, DataMatrix (ECC200), GS1 DataMatrix, PDF417, Micro PDF417, GS1 Composite (CC-A, CC-B, CC-C).
- Barcode: GS1 DataBar, CODE39, CODE39 Full ASCII, ITF, NW-7 (Codabar), CODE128, 2of5 (Industrial 2of5), COOP 2of5 GS1-128, JAN/EAN/UPC, Trioptic CODE39, CODE93, pharmacode.
- Fully automatic adjustment/on-site operation control without pc.
- The code reader automatically optimizes the exposure, the image processing filter and other parameters based on the target and the installation distance.



Display SPM 12

- Power supply: 230 Vac (Hz 50/60).
- Resistive PC/Panel 12" display, suitable for use with gloves and in the presence of water/condensation.

- CE-M approvable version for legal use in relation to third parties.



SD Plus

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CAN BE USED AS A TOTALIZER FOR AUTOMATIC SYSTEMS OR TABLE LABELING MACHINE

- Print mode: thermal transfer and/or direct.
- Print speed up to 254 mm/s.
- Print width: 108 mm.
- Print length: 25,400 mm.

- Internal diameter: 25,4 or 76,2 mm.
- Outer diameter: 203 mm.
- Capacity of the belt 450 mm internal and external ink.



HI

IP67 STAINLESS STEEL SINGLE CELL PLATFORM

- Dimensions: 350x250 - 400x400 - 600x600 mm, capacity from 3 kg to 300 kg.
- Operation with approved load cell "single point" in stainless steel, according to standards OIML R60 with dust protection and humidity and according to standards IP67.
- Structure with tubulars, mechanics, small parts and loading surface satin finish in AISI304.

- Adjustable stainless steel feet with plastic support and level bubble.
- Maximum power: 15 Vdc.
- Shielded connection cable 3 m complete with connectors for display connection.



4 CELLS STAINLESS STEEL PLATFORM

- Dimensions: 1000x1000 - 1250x1250 - 1500x1500 mm, capacity from 300 kg to 3000 kg.
- Operation with 4 "shear-beam" load cells approved stainless steel OIML R60 approved with protection against dust and immersion according to IP68 standards.
- Structure in tubulars and loading floor steel AISI304, IP67 junction box.
- Stainless steel shockproof jointed feet and level bubble.
- Maximum power: 15 Vdc.
- Hermetically sealed junction box and wiring cables with sheathing of protection according to IP67, shielded 6-pole cable 5 m for display connection complete with connectors.



NT

ELECTRONIC CONVEYOR BELT

- PU conveyor belt.
- Brushless motor and AN drive board.
- Variable speed adjustment from 10 m/min to 75 m/min.

- Power supply: 230 V (Hz 50/60).
- Structure and carpentry belt in stainless steel and anodized aluminum.
- Transport from 1 g to 30 kg.



ELECTRONIC MODULAR PLASTIC CONVEYOR BELT

- Modular plastic belt.
- Brushless motor and drive board (optional).
- Variable speed adjustment (only if combined with brushless or asynchronous motor with inverter).
- Power supply: 380 V (Hz 50/60) with start button.
- Power supply: 220 V (Hz 50/60) with inverter (optional).
- Structure and carpentry belt in stainless steel and anodized aluminum.
- Transport from 1 g to 50 kg.



NT.A

ALTERNATING CURRENT CONVEYOR BELT

- PVC conveyor belt, closed loop.
- Brushless motor with drive board (optional).
- Variable speed adjustment (only if combined with brushless or asynchronous motor with inverter).
- Power supply: 380 V (Hz 50/60) with start button.

- Power supply: 220 V (Hz 50/60) with inverter (optional).
- Structure and carpentry belt in stainless steel and anodized aluminum.
- Transport from 1 g to 50 kg.



- Conveyors made with modular FLEX-SNB polypropylene belts with acetal pins for products in contact with food.

- Fixed or variable speed.
- Stainless steel structure.



TR

ROTATING TABLE

- Available dimensions from 1200 to 2500 mm in diameter.
- Fixed speed.
- Stainless steel structure.

- 2 horizontal supports.
- Motor protection switch on the machine.



AL500

LIGHT SIGNAL, ALIGNER

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- Cadences up to 120 ppm.
- 2 motorized belts closed loop, width 230, 275 and 320 mm.
- 2 brushless motors and drive boards, speed up to 70 m/min.
- Power supply: 230 Vac (Hz 50/60).

- Structure and carpentry in aluminum and stainless steel.
- Machine management by PLC.
- Electrical panel with mushroom and reset.

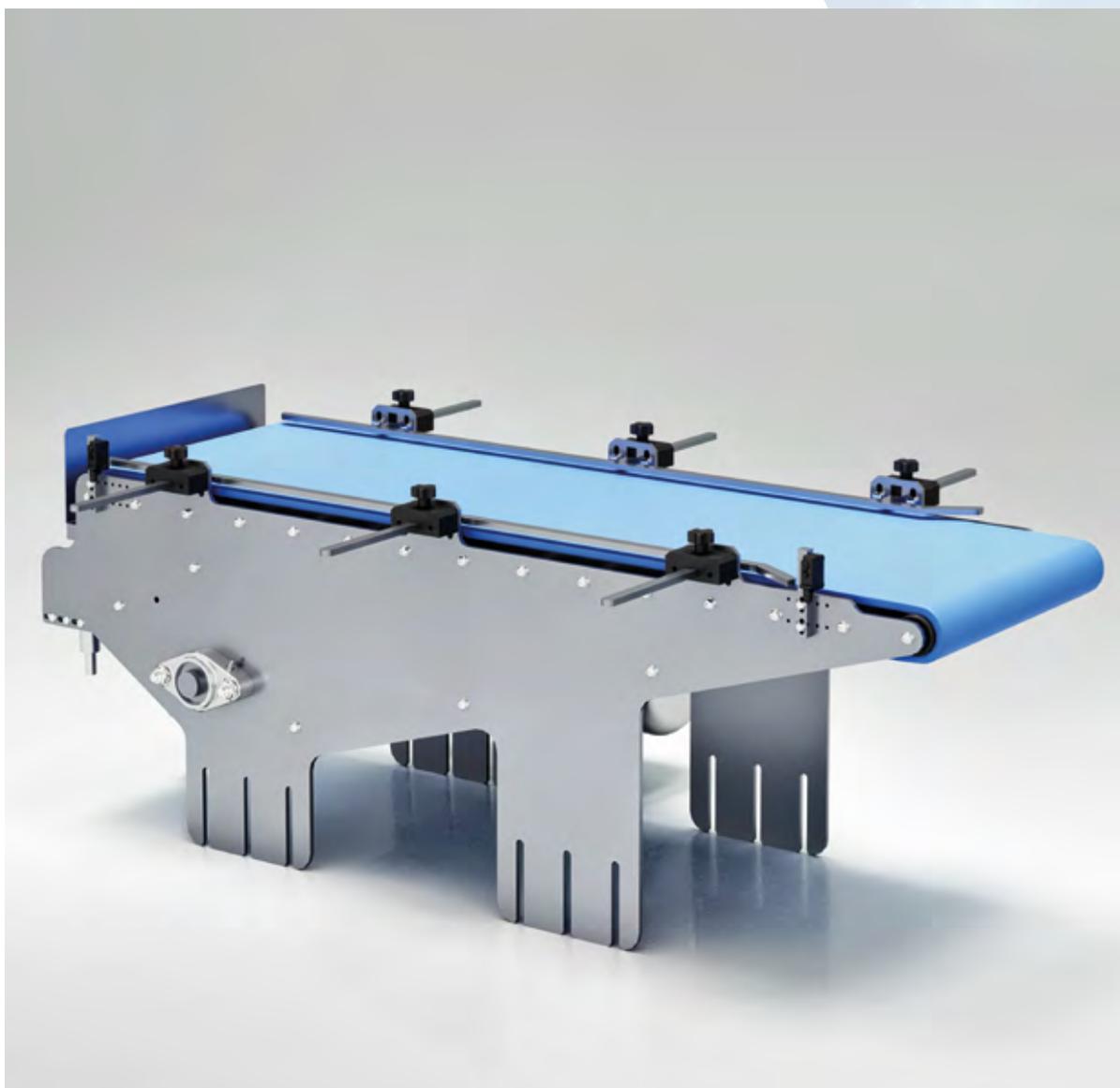


NS

SYNCHRONIZER ACCUMULATOR BELT

- Modular belt.
- Brushless motor and drive board, speed up to 70 m/min.
- Power supply: 230 Vac (Hz 50/60).
- Structure and carpentry in aluminum and stainless steel.

- Machine management by PLC.
- Electrical panel with mushroom and reset.
- Pneumatic barrier system for product accumulation.



LINES

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A - METAL DETECTOR AND CHECKWEIGHER COMBINED WITH DOUBLE EXPULSION FOR CONTAMINATED PRODUCTS AND PRODUCTS WITH WEIGHT OUT OF THRESHOLD

B - CHECKWEIGHER WITH FIVE EXPULSION WITH PNEUMATIC ARM

C - HIGH SPEED WEIGH PRICE LABELER WITH PRINT AND APPLY FROM BOTTOM AND TOP

D - CHECKWEIGHER WITH DOUBLE EXPULSION COMBINED WITH DOUBLE PRINTER FOR APPLYING LABELS ON CYLINDRICAL PRODUCTS



SW inspector

SOFTWARE FOR DATA VISUALIZATION

- Operator master data management, production batch, break times.
- Production report by device/date/serial number/surname/name/working minutes/hours/total/labels/% on total/% on average/% minutes label/total weight/pieces in threshold/pieces out of threshold.
- Histogram chart creation.
- Export of data to Excel file (.csv).
- Customizable report.



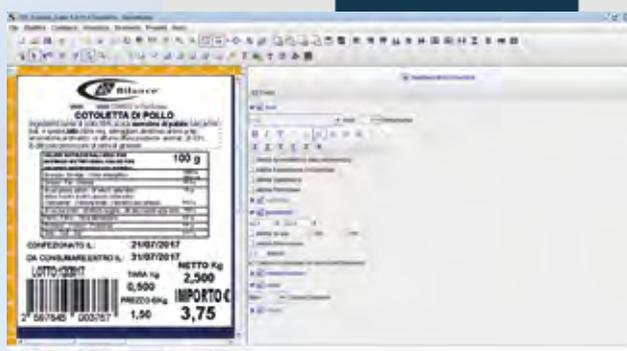
SW custom label

SOFTWARE FOR EDITING LABELS

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- Fonts of any type, lines, curves, arrows of all thicknesses and dimensions, geometric figures, images and generic texts.
- Rotation of the label format: 0, 90, 180, 270.

- Rotation of the fields.
- Support of all barcodes.
- Automatic synchronization of labels with the connected machines.



Example label format



Example label format

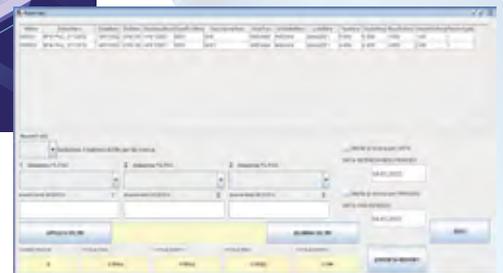
RS server

MACHINES MANAGEMENT SOFTWARE

- Number 10 machines connectable to RS server of the same model, individually selectable.
- Creation, modification and cancellation of the registry database (PLU), customer and traceability belonging to the same type of machines.
- Backup of all the weighs carried out on the machines connected to it, storing on a single database the information necessary to identify the machine and the measurement made.
- RS Bilance standard communication protocol.



Main_1



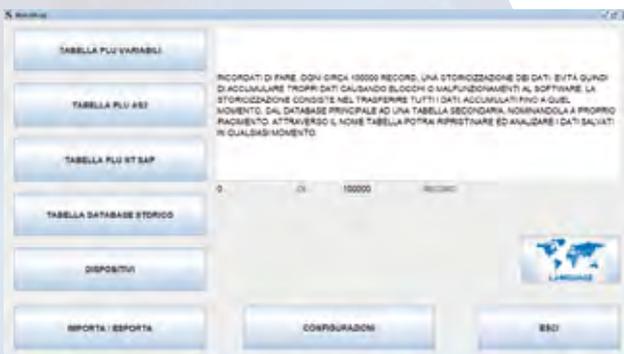
Report



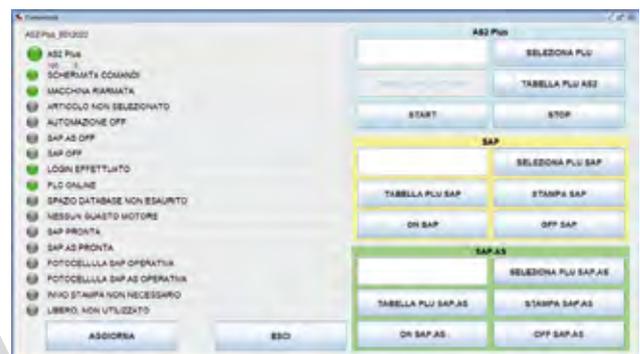
LABEL server

SOFTWARE FOR REMOTE MANAGEMENT OF THE MAIN FUNCTIONS OF THE MACHINES

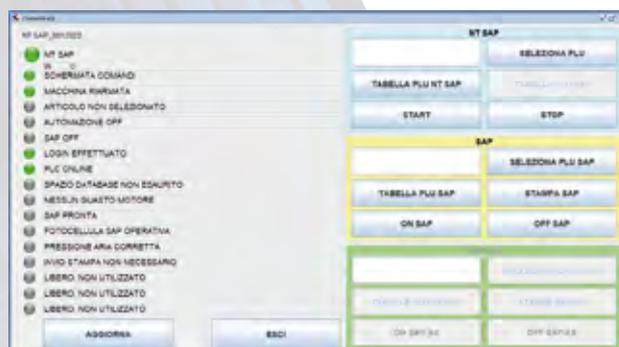
- Management of PLU table with product settings (code, description, speed, delays, etc. ...).
- Variable table management with the information to be printed (code, description, label and associated variable information).
- Receives and groups the information to be saved of the labels printed by all the machines connected to it.
- RS Bilance standard file sharing system.
- Standard RS Bilance communication protocol (remote commands for PLU selection, Variable selection, machine start and stop, printers on and off, machine status request, etc.).
- Connectable to AS2 Plus and NT SAP labeling machines.



Main SW



commands



commands



Consulting

Design

Repairs at the place of use

Maintenance contracts

Periodic metric checks

MID certification (Attachment MI-006)

Automatic weighing instruments:

- "Industrial Models" Checkweighers

- "Industrial Models" Weigh Price Labelers
with static or dynamic weighing.

NAWI certification

Non-automatic weighing instruments.



TECHNOLOGY for Your Business

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