

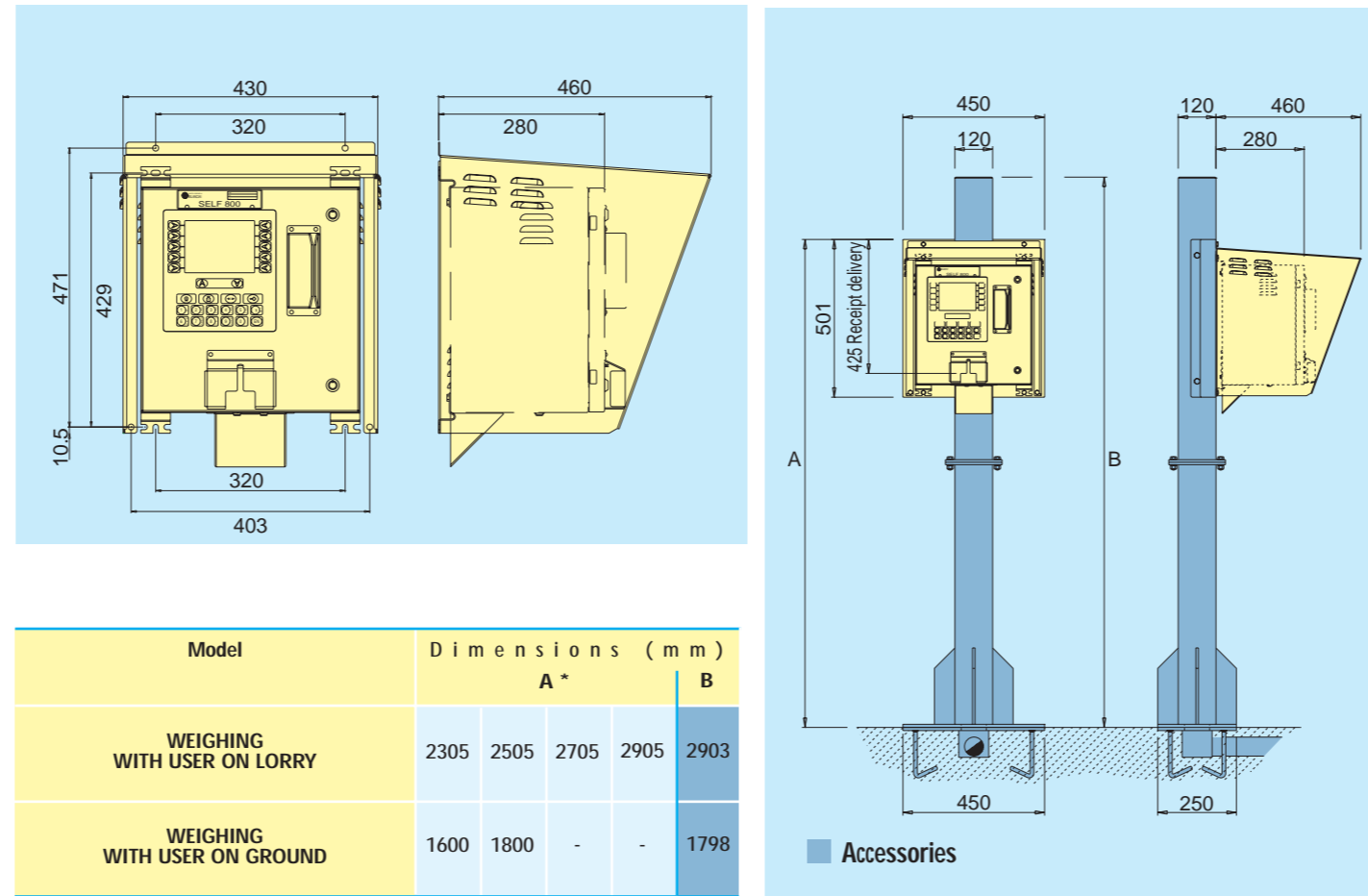
ECO 800 model

“Isola” operating principle

The system can be used for refuse containers or vehicles; the weight of the container must be calculated in order to enter a fixed tare in the weighing indicator. The user places the specific waste products on the weighing platform, selects the waste code on the indicator keyboard so that a description of the selected waste product appears on the display. Pressing the confirmation key prints a receipt showing the above data and transmit them to a PC (not included). To perform another operation the scale platform must first be unloaded. Accessories can be supplied to protect the front of the indicator during periods of disuse.



ECO 800



* Adjustable column height

**SOCIETA' COOPERATIVA
BILANCIAI**
Weighing Instruments and Technologies

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Eco 800 series Indicator



ECO 800 model



**SOCIETA' COOPERATIVA
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ECO 800 model

General characteristics

This unit is composed of a stainless steel indicator complete with thermal printer, equipped with specific software for the management of weighing in recyclable waste collection applications.

The unit can also be used in a double weighing version for vehicles in order to obtain the net weight delivered.

Can be equipped with reader for badges or other identification systems (e.g. transponders) for recognition of the delivering party.

The indicator is equipped with all the necessary features to guarantee the maximum reliability even in the harshest conditions: when exposed to very hot weather, at sub-zero temperatures, and adverse climatic conditions, the instrument continues to operate correctly thanks to a tried and tested thermoregulation system. The indicator is designed to prevent the formation of internal condensation and critical temperatures in terms of operating efficiency. Optional support posts make it possible to install the unit for use from the ground (standing operator) or directly from the vehicle window.

Weights and other data are presented on a graphic display (115x86 mm).

The waste code is inputted on a membrane keypad in washable polyester.

The high-speed maintenance-free thermal printer (no disposable ink cartridges to change) allows the printout of receipts bearing the following information:

COLLECTION POINT IDENTIFICATION – DATE AND TIME – WASTE TYPE – NET WEIGHT – VALIDATION BAR CODE



ECO 800 with protective front cover (optional)

ECO 800 model

Technical specifications (standard version)

- Power supply: 230 VAC, 50/60 Hz, 100W
- Operating temperature: -10°C/+40°C
- Storage temperature: -20°C/+70°C
- Analogue load cell power supply: 10VDC; min. 29 ohm
- Maximum load cell input power 23mV
- Connection of 6-wire load cells with "sense"
- Maximum displayed resolution: 10,000 div OIML (for approved version), 60,000 div. (for internal use)
- Maximum measuring frequency: 100 conv./sec
- 8Hz analogue filter ; automatically variable digital filter
- Programmable transmission rate up to 115,200 baud
- Automatic recognition of entered options
- Calibration with facility to use "linear configuration system" (max. 5 points)
- Clock, permanent calendar
- Cold cathode backlit display, dimensions 115x86 mm with automatic contrast control
- 28-key alphanumeric polyester keypad
- Relative humidity: max 85% non-condensing
- Complies with European directives 73/23 EEC (Low Voltage) and 89/336 EEC (Electromagnetic Compatibility)
- Electromagnetic immunity in compliance with EN 45501 and immune to irradiated electromagnetic fields of up to 10 V/m

Standard equipment

- 1 EIA RS 232 serial output
- 2 EIA RS 232/422/485 serial outputs (selectable)
- 2 opto-isolated INPUTS
- 2 relay OUTPUTS max. 110 V, 200 mA
- Receipt printer

Optionals

- Protective front cover
- Support post (high version)
- Support post (low version)



Printing examples



Display example

ECO 800 model

Functional characteristics (standard version)

- Weight display
- Language selection for messages (6 languages)
- Weighing system autotest operation
- "Preset tare" function from the keypad
- Reset via key, serial channel or associated input
- Transmission of weight value and accessory data
- Management of goods codes with associated alphanumeric description (max 20 characters)
- Management of a generic alphanumeric code
- Management of Multiple Tares
- Facility to perform totalisation for a code or preselected function
- Connection to all printer models supplied by Coop Bilanciai



Display example

- Standard single or double weighing operation for weighbridges:
 - Recall management for first weights by self-generated code or vehicle registration plate number
 - Storage and printout of first weighing cycle with associated data (goods code, customer code etc.)
 - Facility to use a first known weights archive
 - Management of 6 character goods code with associated 20 character alphanumeric description
 - Management of customer code with associated company name and address
 - Management of registration plate number with associated haulier description
 - Totalisation by product code, customer code, registration plate or combination of codes: of weighing data and number of weighing cycles
 - Easy access to code and known weight archives by means of icons and guided procedures
 - Facility to consult first weights not executed
 - Facility for connection between indicators to carry out the first (in) and second (out) weighing cycles on different weighing stations
 - Management of access control to weighbridges via I/O for traffic signals or barriers
 - Facility to retrieve all necessary data by means of a code read by a bar code reader or transponder