



ON-BOARD WEIGHING AND RFID IDENTIFICATION SYSTEMS



On-board and RFID identification systems

AUTOMATIC Weighing systems



FOR REAR END LOADER



SCALE FOR REAR END LOADER

WEIGHING SYSTEM INSTALLED ON THE MECHANICAL COMPONENTS OF THE LOADER TO GET THE ACCURATE WEIGHT OF WASTE FOR EACH BIN COLLECTED.

- EU-type approval certificate pursuant to Directive 2014/32/EU - Max. Accuracy Class Ya
- **First Verification by Baron srl**
- Works with all RFID identification systems
- Data transmission to GPS/GPPRS devices
- Fully automatic weighing operation
- Automatic start
- No loader slow-down
- Data upload and download through USB key
- Waste type and zone data entry

FOR DOUBLE COMB LOADER



AUTOMATIC Weighing systems



FOR SIDE LOADER



FOR BILATERAL LOADER



FOR FRONT LOADER

RFID identification system integrated with automatic weighing



RFID identification system: antennas are placed on the equipment near the emptying zone or on the loader comb. These antennas send bin identification info that get associated to bin weight.



NON-AUTOMATIC Weighing systems



Underbody weighing system FOR REFUSE TRUCKS



LOAD CELLS ARE INSTALLED BETWEEN THE CHASSIS AND THE VEHICLE EQUIPMENT.

- *Conceived to guarantee accuracy in time*
- *EU-type approval certificate pursuant to Directive 2014/31/EU - Class III*
- *First Verification by BARON srl*
- *Works with all RFID identification systems*
- *Data transmission to GPS/GPPRS devices*
- *Non-automatic weighing operation*
- *Data upload and download through USB key*
- *Waste type and zone data entry*



FOR MINICOMPACTORS



FOR SEMI-TRAILERS



FOR TANKERS



FOR CURTAINSIDERS



FOR CRANES



FOR LCVs

NON-AUTOMATIC Weighing systems



For Hooklift trucks with lifting jacks



The system features four hydraulic lifting jacks bearing load cells that detect the container weight once it's lifted.





RFID identification system integrated with non-automatic weighing

RFID identification system: antennas are placed on the equipment near the emptying zone. These antennas send bin identification info that get associated to bin weight.



On-board RFID systems

ON-BOARD RFID SYSTEMS

RFID identification system through antennas placed on the equipment near the emptying zone or on the loader comb. It's a valid tool to attest bin collection.

UHF identification technology, combined with weighing and GPS devices, optimises work operations and helps to monitor waste collection service.

AVAILABLE FREQUENCIES:

LF 125 e 134,2 kHz, HF 13.56 MHz, UHF 868 MHz

- *Button panel*
- *Authorized tag reading only*
- *Data transmission to GPS devices*
- *ISO/IEC Certification - Information Security Management*

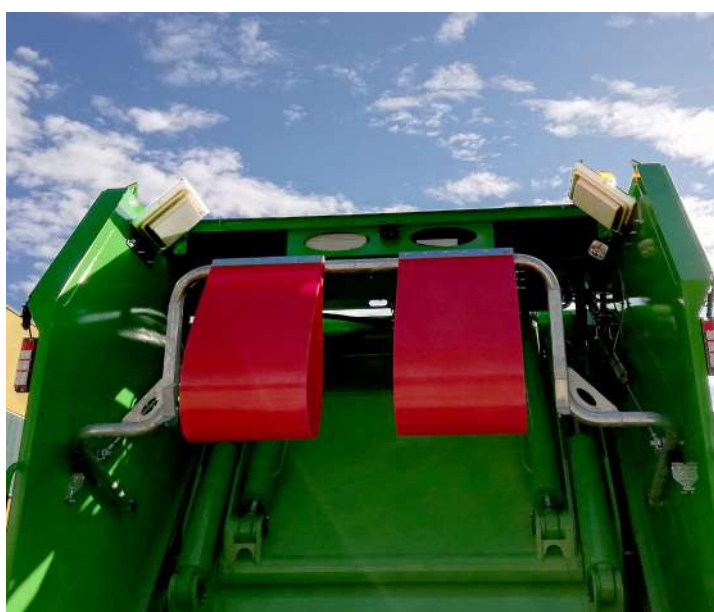
RFID LF

LF technology is used on the rear loader comb to identify single users.



RFID UHF

UHF technology is used to automatically identify underground and semi-underground bins. It can also be applied to binwashers, door to door and bag tags collection.



FOR BINWASHERS



OUR CERTIFICATIONS

Professionals in legal metrology for trade of goods and services.
Manufacturers of automatic and non-automatic on-board weighing solutions.



EUROPEAN APPROVAL CERTIFICATES

- MID 2014/32/UE OIML R51, for automatic instruments
- NAWID 2014/31/UE OIML R76, for non-automatic instruments
- Authorization to perform the first verification



Exemple of a metrology label for a non-automatic instrument



COMPANY CERTIFICATIONS

ISO/IEC 27001:2013 – Information security management.
EN ISO 9001:2015 – Quality management systems.
EN ISO 14001:2015 – Environmental management systems.

