

# CRANE LOADING

city.bin 2.100L / 2.800L / 3.600L



FORMATOVERDE®  
Change your City

**THE  
LOWEST**  
ON THE MARKET



## Safe cities, above-ground waste collection containers according to Formato Verde

- **Lower = safer:** reduces the risk of accidents. Promotes the visibility of pedestrians and drivers when crossing.
- **Lower = removes visual barriers.** Less impact on shop windows and shops. The citizen wins, the city wins.
- Total height of the body: 1.5 m.  
**Shoulder height of the container: 1.4m.**

Aesthetically  
friendly with  
**positive  
impact**

➤ **Quality urban furniture.** In clean and simple shapes, its friendly and local aesthetic generates responsible attitudes towards the environment, creating empathy amongst users, encouraging their proper use and conveying positive values to the locations where they are situated.

➤ **Integration in any urban environment.** Monumental areas, residential neighbourhoods, rural environments, ...





## Designed to last:

- + ROBUST
- MAINTENANCE
- + SUSTAINABLE

We extend the service life of our containers. A robust design that minimises part replacement and CO2 emissions.





# Maximum robustness, with the advantages of polyethylene

Made entirely of rotomolded polyethylene, affording flexibility to the body to absorb everyday shocks, and structural strength to the perimeter reinforcer and unloading lids.

Maximum robustness, **keeping its new look for longer.**

The best of our R&D: **Reliability / Resilience / Flexibility**



### Ultra-resistant

Robust design. 100% polyethylene body, lids and intakes.



### Homogeneous dilatation

The body is 100% polyethylene, avoiding cracks and reducing maintenance.



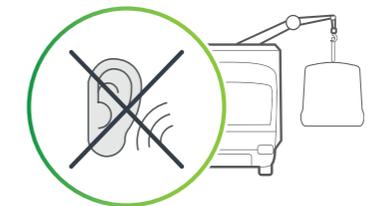
### Prevents breakage and dents

The flexibility of the polyethylene is able to absorb blows without deforming.



### Never rusts

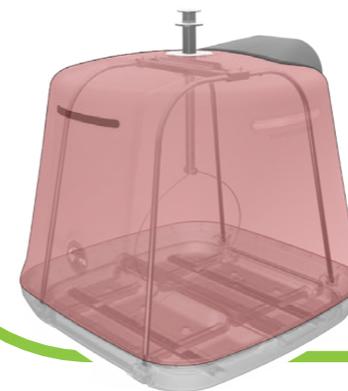
Like the first day! The water doesn't affect it. Metal parts only in mechanisms.



### Silent

Opening - closing of lids and ground positioning

## 100% POLYETHYLENE



BODY



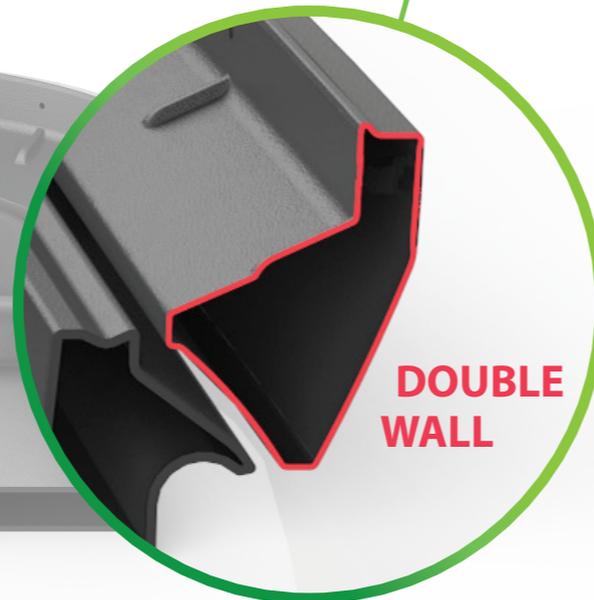
PERIMETER REINFORCEMENT



UNLOADING LIDS

# Perimeter reinforcement **DOUBLE WALL**

- The only one on the market.
- Maximum structural resistance.
- Replaces the metal perimeter reinforcement, prevents breakage in the joint of the plastic body with a metal reinforcement, due to differences in the dilatation of the materials.



REINFORCEMENT PERIMETER AND LID SECTION. VIEW: HALF OF THE CONTAINER.



# Unloading lids **DOUBLE WALL**

- Full opening. Quick Unloading.
- Silent. Manoeuvres with less noise emission.
- It does not corrode easily.
- High leachate retention capacity.

AVOID LOSSES. The double wall prevents leaks due to impacts or aging of the material.



OVERLAPPING LIDS. Avoids spills.



# 100% accessible

with maximum  
capacity

A container that is committed to **reducing its height** to improve road safety, and proposes **large format intakes** that facilitate the gesture to citizens.

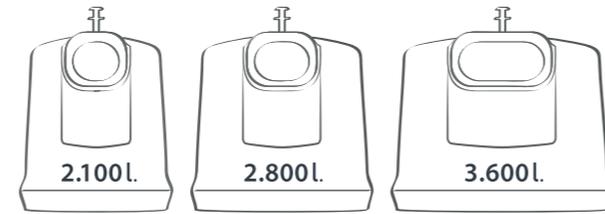
All this, optimizing the space occupied on the street and maximizing the useful capacity.

- **Intake height accessible** to all users (children, the elderly or people with reduced mobility).
- **Large front-facing intake** to facilitate the deposit.



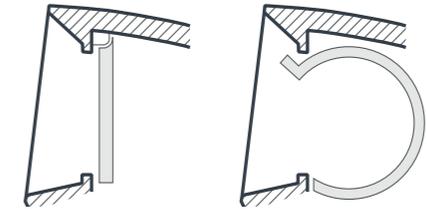
## 3 different capacities

- **Greater flexibility** to adapt to the volume needed for each waste stream: 2,100L / 2,800L / 3,600L
- They allow to **configure each collection point** with the necessary capacity.



## Selective intakes according to waste

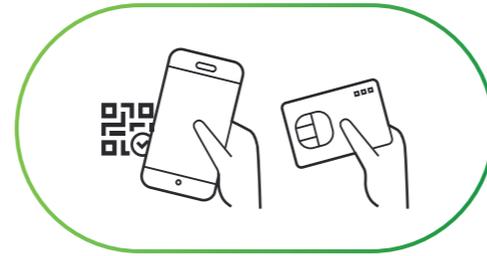
- Intakes with **flap or drum**.
- Intakes and reducer **shape adapted** to different wastes.
- **Colour associated with each waste stream**. Encourages good recycling practices.



EXTRA:

## Access control

- Drum for volumetric control with electronic opening by card.
- Swivel flap with electronic opening.



## Accessible to all users

- **Hollow height of the opening, less than 1.2m.** Compliance with accessibility regulations UNE 17.001
- Design of **large format intakes**, facilitates deposit for the user.
- **Vertical body of the intake**, prevents the entry of rainwater.



EXTRA:

## Possibility of opening on both sides

- **Distributes the waste** in a more optimised way inside.
- **It facilitates deposit** for the citizen.
- **It allows** the container **to adapt to the different locations** in the city.



EXTRA:

## Bag hanger

- Solution that makes emptying easier for the user. Also compatible with other waste streams.



# Hook and opening systems

## Kinshofer type



**DIRECT**  
mechanism



**INDIRECT**  
mechanism



**F90**  
mechanism



## F90 mushroom hook



Also available in  
**double hook**



# Light grey

- It lends dignity to the collection system.



# Dark grey

- Lower cleaning frequency.
- Improves integration with the environment.

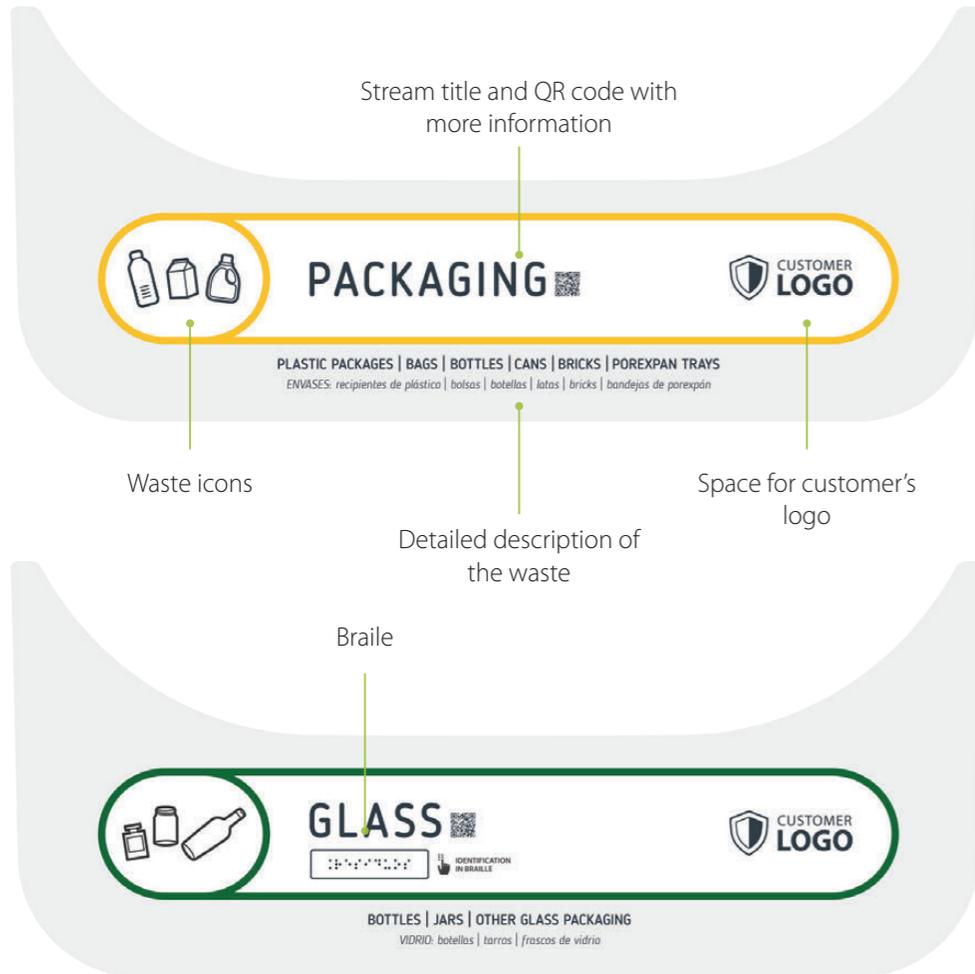


RAL  
**7047** 

RAL  
**7037** 

# Standard graphics

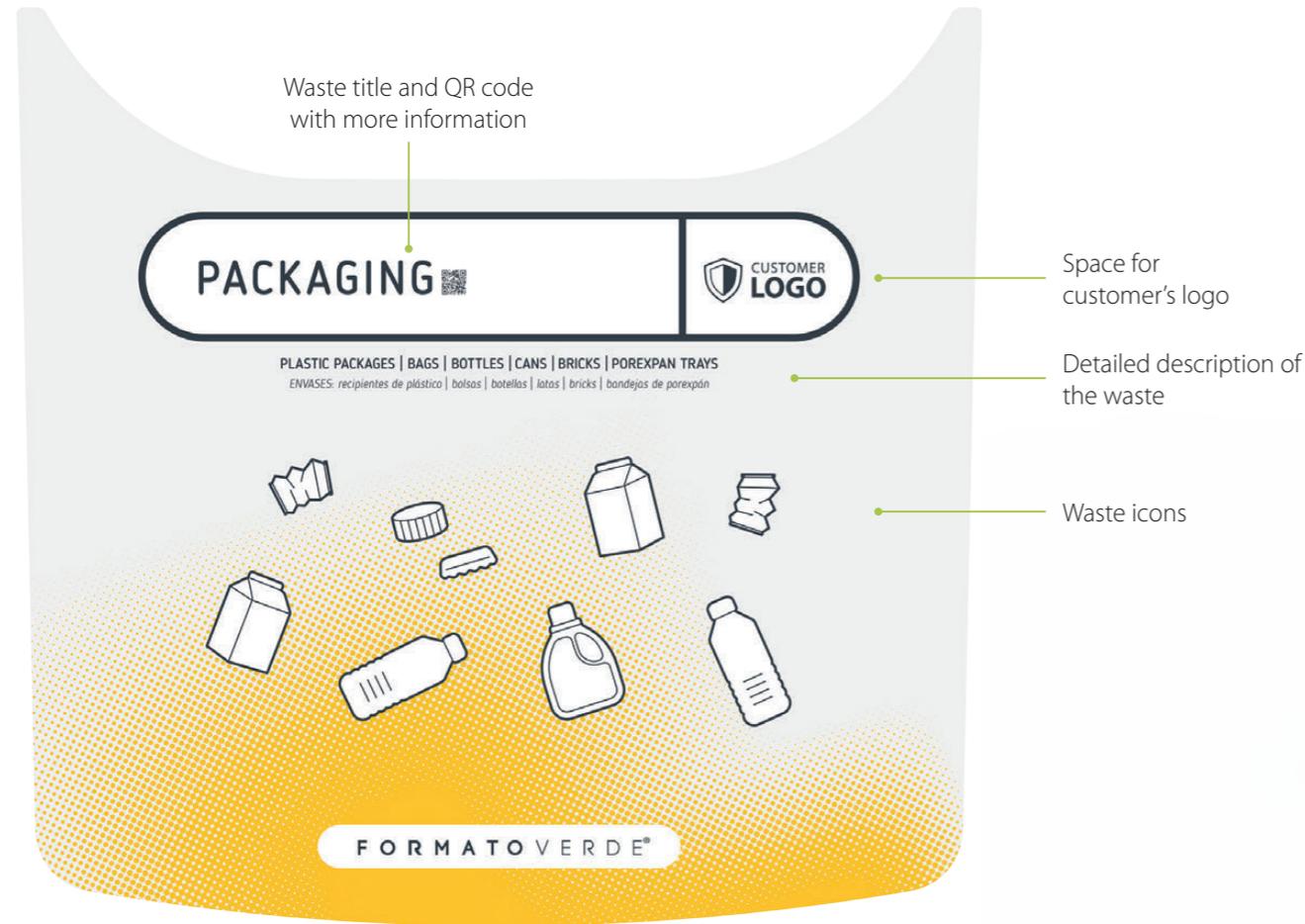
- Easy identification of the waste.
- Harmonised effect contributes to the unification of the whole collection point.
- **EXTRA:** Graphic with Braille.



# Large-format graphics

➤ **EXTRA:** LARGE format chart.

➤ **EXTRA:** Promotional graphics: environmental awareness campaigns, tourism promotion or event advertisement.

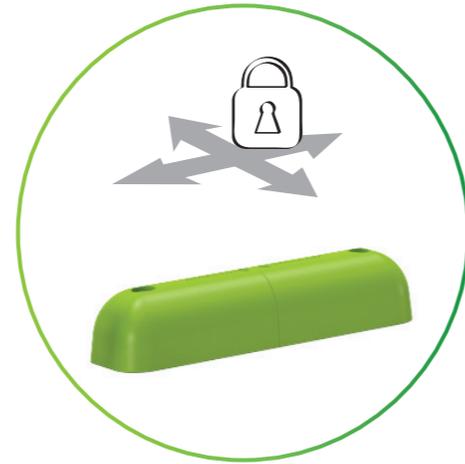


LARGE-SIZED: WIDTH: 66 / HEIGHT: 64 CM

EXTRA:

# Alignment System in all four directions

- **Less surface occupied on the public areas:** the left - Right blockage maintains the initial space between the containers.
- **Forward - Backward blockage:** contributes to a tidy and fast pickup.



TECHNICAL FACT SHEET:

CRANE LOADING | FORMATO VERDE

## Standard UNE-EN 13071-1

Design and manufacture in Spain, in accordance with the standard UNE-EN 13071-1. The City.Bin container complies with the tests defined in European regulations:

Stability

Resistance to internal impacts

Free fall

Top resistance

Resistance to external impacts

Opening and closing system in accordance with standard

Mechanical strength of lifting components

Noise level marking for the glass option, according to Directive 200/14/EC on noise emissions

Corrosion and weather resistance of metal and plastic parts

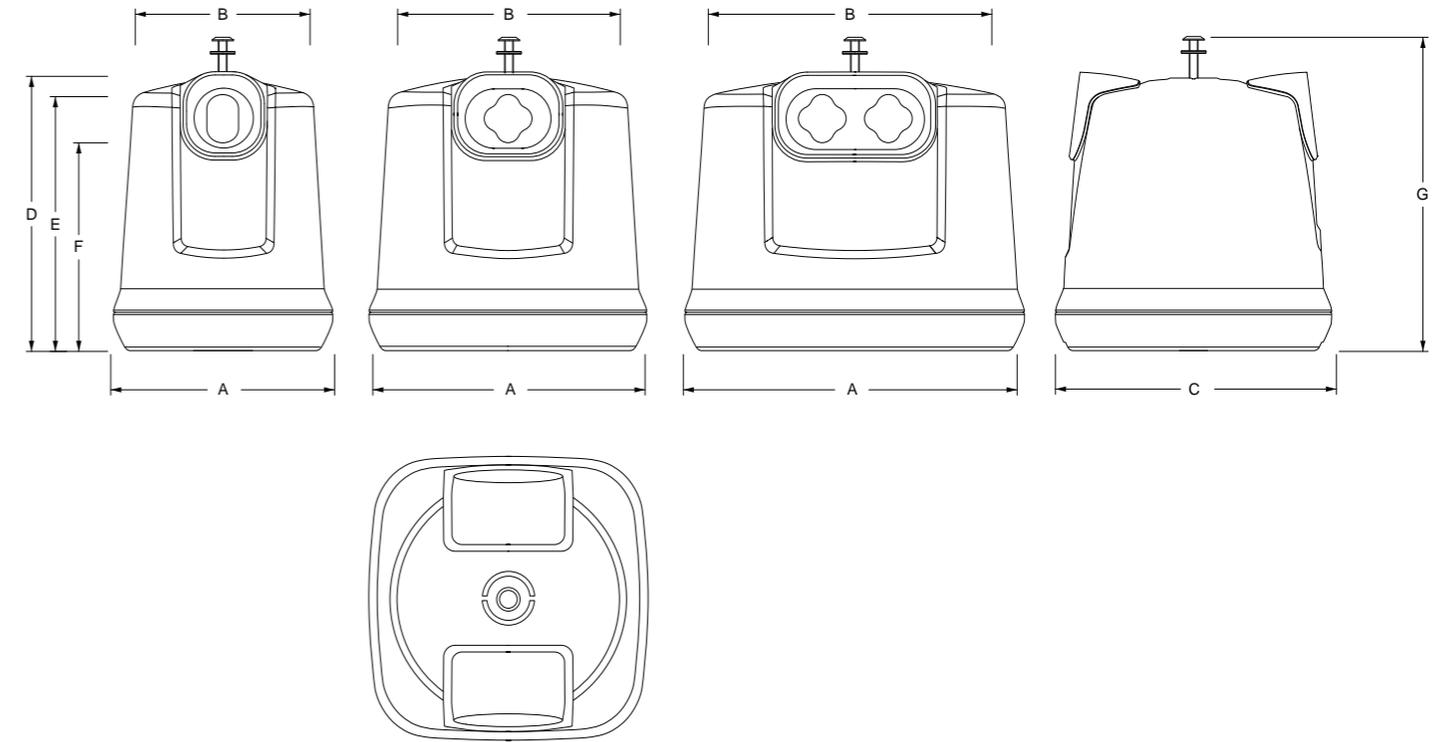
## Manufacturing

For the manufacture of the City.Bin range we use rotomoulding with high density linear polyethylene, a mass-coloured material that stabilizes against the combined action of U.V rays + water. We use recyclable materials and pigments that do not contain heavy metals so that the environment is not harmed.



### Dimensiones generales

Capacity. Nominal volume		City.Bin 2.100 l.	City.Bin 2.800 l.	City.Bin 3.600 l.
A	Maximum width (mm)	1.200	1.550	1.900
B	Width between "shoulders" (mm)	1.025	1.375	1.725
C	Maximum depth (mm)	1.600	1.600	1.600
D	Body height (mm)	1.550	1.550	1.550
E	"Shoulder" height of the container (mm)	1.430	1.430	1.430
F	Maximum height lower edge of the intake opening to the ground (mm.)	1.200	1.200	1.200
G	Total height with Kinshofer hook (mm)	1.780	1.780	1.780
	Total height with double hook (mm)	1.750	1.750	1.750
	Total height with hook F90 (mm)	1.640	1.640	1.640
	Empty weight (approx.) (Column version)	95	107	121
	Empty weight (approx.) (Hanger version)	108	122	139
	Maximum permissible mass or total permissible weight (kg)	840	1.120	1.440





“A change  
perceived by  
citizens”

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