

A black trash bin stands on a sandy beach at sunset. The sun is low on the horizon, creating a bright reflection on the water. The sky is filled with soft, golden light. A bright green graphic element is on the left side of the image.

**TRAFLUX**

**UrBin**



# About us

Traflux is a globally active **family business**. From the headquarters in Houthalen-Helchteren in Belgium, we develop and produce (semi-)underground waste containers. With superior materials, innovative designs, and cutting-edge techniques, we offer **waste solutions ranging from 100 to 5.000 liters**. And serve every sector in more than 30 countries.

We use the most advanced machines in our production plant which is almost 5.000 m<sup>2</sup> in size. We have 30+ years of knowledge in distribution all around the world. Moreover, Traflux has its own collection company in Belgium. We empty more than 1.000 containers daily. So we have first-hand experience in the field with our own drivers.

We take our **environmental responsibility**: 99% of all our materials are reusable. Therefore we use as many untreated materials as possible. We produce more electricity from our solar panels than we consume and we use gas to heat our plastic production machines to have a very small carbon footprint. Our containers are certified by the EN 13071 norm, our lifting bags are ISO 21898 certified, our wood is PEFC certified and we produce in accordance with ISO 9001.

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# Why choose a semi-underground solution?

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## Size does matter

It's clear from the figure below: size does matter. Less containers are needed, and the time necessary to collect and remove waste is reduced. Lowering the costs of both investment and installation. Big volume, small appearance.

## Environment

The materials used in our UrBin are 100% reusable, i.e. no concrete or galvanised steel. A UrBin weighs 15x less than a full underground system and as such, its transport and installation carbon footprint is smaller.

## Safe

Thanks to the inclusion of a barrier of at least 800mm in height, no gaping holes are left open as the semi-underground containers are emptied, protecting operators. Plastics also form duller edges and they neither splinter nor cut.

## Efficiency & comfort

The efficiency of the semi-underground concept lies not only in how easily these containers are emptied, but also in the small amount of surface area needed to place them in the ground. In addition, our inner lid is much easier to open than those of alternative solutions.



Comparison between one 300L UrBin, standard 50L bins



## Quality & robust

We use exclusively high-quality materials selected for their long life. Our virgin plastics have high UV stability and we have chosen to use either aluminium or stainless steel to eliminate corrosion. Our containers are seamless and carry double-walled lids.

## Easy installation

Our UrBins are easy to install and the process requires very little surface area. Because these containers are lightweight, the complete installation process may be performed by a single person with one standard grapple truck.

## Design & ergonomics

Design has had a significant influence on the use and feel of the UrBin. All its elements have been united to create a coherent whole and we have ensured that the container can be safely and easily used by the end user.

## Odour

Organic waste will produce an odour, especially on hot days. We have limited this by keeping the size of the opening to a minimum and incorporating an odour lock into the inner lid.

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# UrBin - benefits

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The UrBin is our street bin line. Ranging from 100 litres to 300 litres: it's the ideal waste solution for cities and municipalities. 100% made in Belgium.

## **BENEFITS**

- 1/3 of the UrBin is visible above ground, 2/3 of the container is underground.
- It has all the advantages of a semi underground waste container, but is still as easy to place as a classic waste or litter bin.
- Made of extremely sturdy plastic and environmentally friendly materials.
- The UrBin can be emptied by hand or by crane. The bin can be used for all kinds of waste even including glass waste.
- Sturdy stainless steel ring provides stability and anchorage.
- Can be finished to your own preferences (wood, aluminium or composite, all in different colors). Even branded with a commercial message or your own design.



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# UrBin - options and components

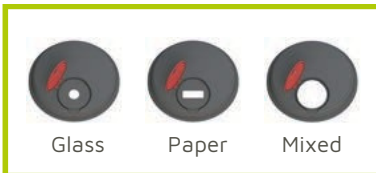


## Options

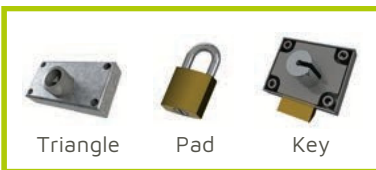
### Lid color options



### Opening options



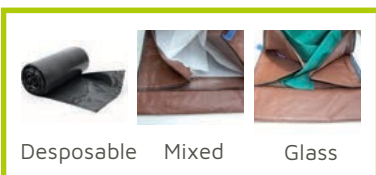
### Locking options



### Framing options



### Lifting bag

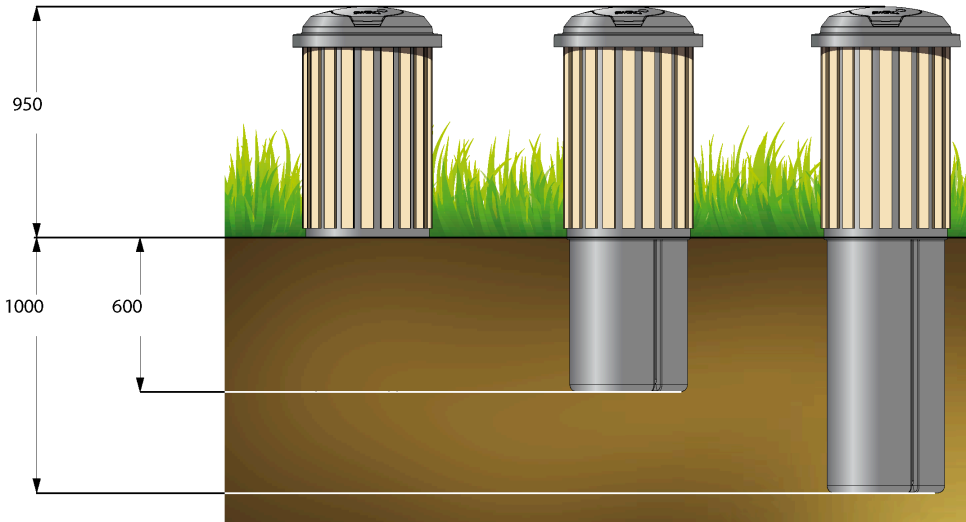


### Lid options



## Components





## UrBin 100L

Height (mm): 1150 mm

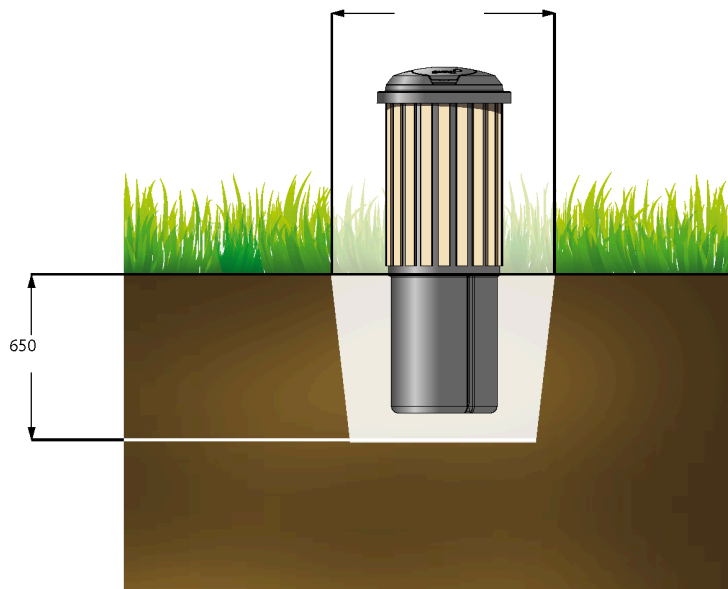
Width (mm): Ø 590 mm

Weight: 30 kg

Waste volume: 0.1 m<sup>3</sup>

Waste types:

- Mixed
- Paper
- Plastic
- Glass



## UrBin 200L

Height (mm): 1550 mm

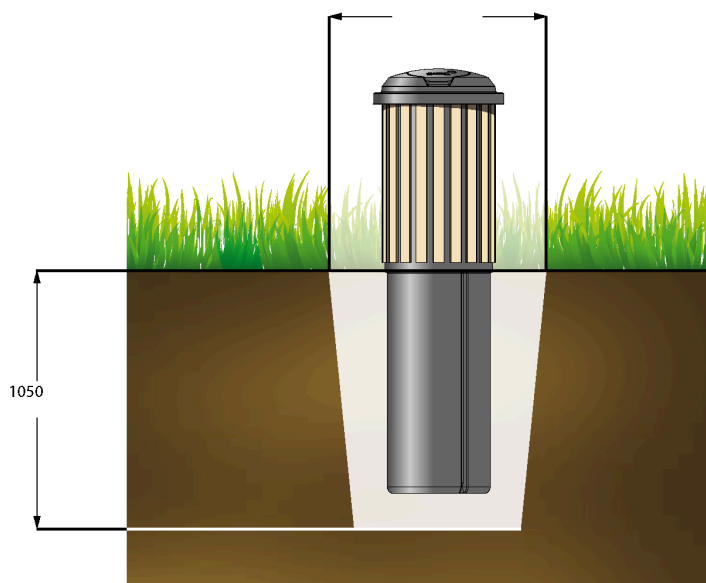
Width (mm): Ø 590 mm

Weight: 30 kg

Waste volume: 0.2 m<sup>3</sup>

Waste types:

- Mixed
- Paper
- Plastic
- Glass



## UrBin 300L

Height (mm): 1950 mm

Width (mm): Ø 590 mm

Weight: 35 kg

Waste volume: 0.3 m<sup>3</sup>

Waste types:

- Mixed
- Paper
- Plastic
- Glass

# References

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# YOUR WASTE OUR PASSION

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