

S E M I - U N D E R G R O U N D G A R B A G E S Y S T E M S

The image shows three cylindrical, semi-underground garbage bins (G-BINs) arranged in a row on a concrete surface. Each bin has a light-colored, vertically-slatted body and a dark, flat lid. The background is a dark, out-of-focus area, possibly a fence or wall. The G-BIN logo is overlaid in the bottom right corner.

G-BIN

ABOUT US

- Our company Smart Innovation Systems, owner of the G-BIN trademark, specializes in the production of above-ground and semi-underground waste storage systems. We offer effective solutions for organizing and optimizing waste storage that meet modern requirements.
- Since the company was founded in 2022, we have been developing innovative products that contribute to the preservation of the environment.



01.

Minimization of unpleasant waste odors: the coolness of the soil keeps odors at bay. The reduced temperature slows down the vital activity of bacteria and the speed of spread of unpleasant odors. Old waste is always the deepest.

03.

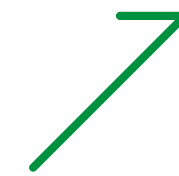
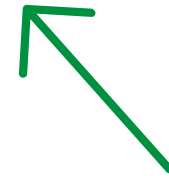
Easy and safe to use: the lid of the container is light and easy to use. Good sealing, which will not allow it to open from the wind. A lock can be added to the lid to prevent unauthorized use and vandalism.

02.

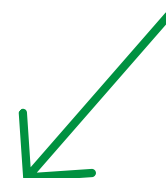
Improving the cleanliness and safety of the yard, because garbage trucks will come less often. Thanks to the larger capacity of our containers, garbage removal is required 80% less often. Emptying with a faucet is clean, safe and fast.

04.

The possibility of adaptation to the peculiarities of waste sorting: individual containers can be divided into two compartments, depending on the model and size of the container. The way the container is divided can be changed over time.



Why semi-underground containers are the best solution?



One semi-underground container with a capacity of 5m³ replaces six 1100l four-wheeled containers or approximately 50 120l two-wheeled containers. This situation is possible thanks to the design of the container, which ensures the effect of waste compression under the influence of gravity.



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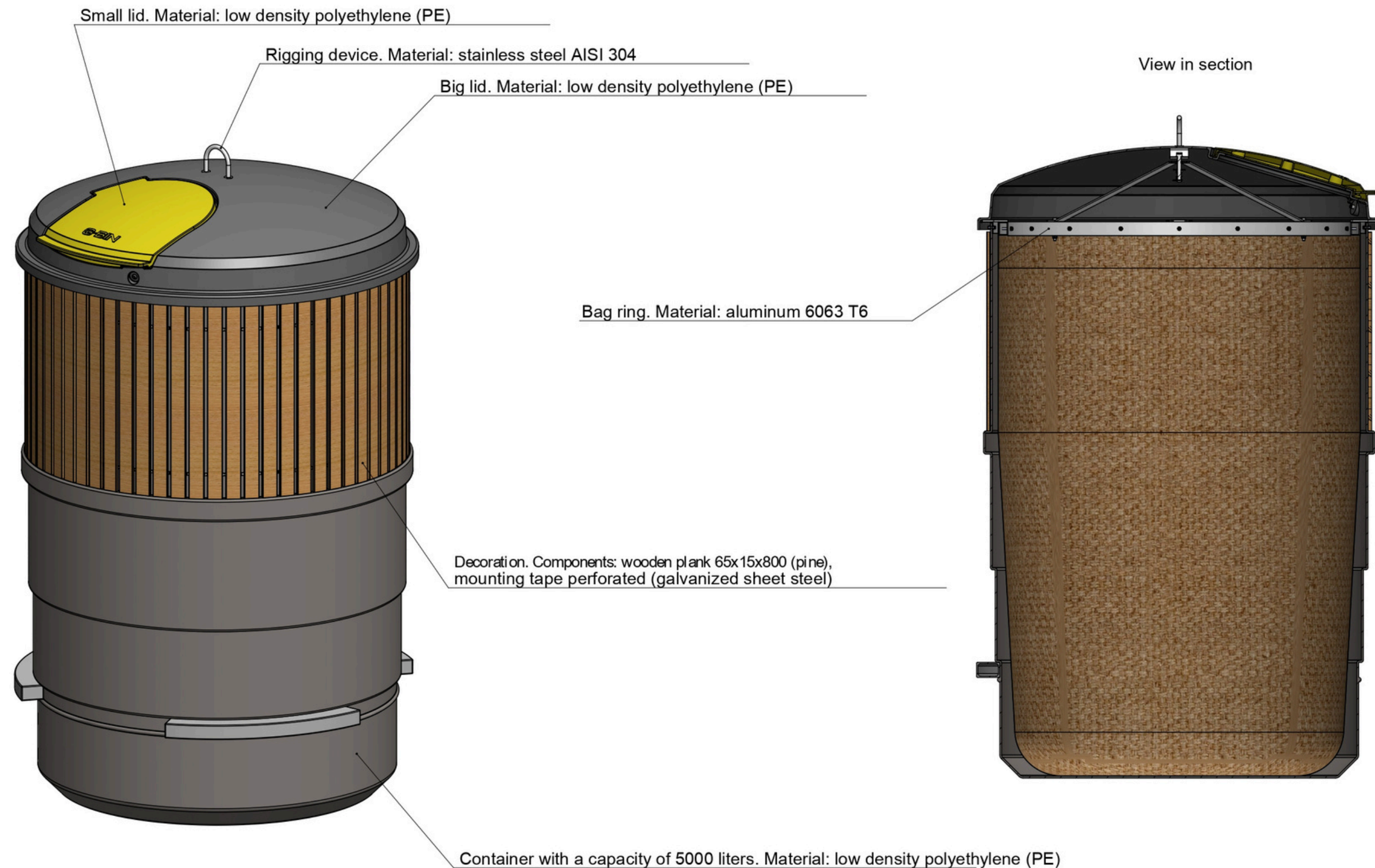
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6 x 1100 L

50 x 120 L

- The lid and base of the container are made of low-density polyethylene (PE).
- The lid of the container is equipped with a rigging device that prevents the garbage bag from slipping when lifting.
- The polypropylene double-layer bag with a capacity of 5000 l is waterproof.
- The bag ring is made of 6063 T6 aluminum, which is corrosion resistant.
- The underground location provides additional protection against weather conditions, UV radiation and mechanical damage.



Semi-underground waste container with a capacity of 5,000 l

Our strengths

- **Quality and reliability:** We use only high-quality materials selected for their long service life. Our plastic is highly UV resistant, and we use aluminum or stainless steel to prevent corrosion.
- **Design and ergonomics:** Design has a significant impact on use and feel. All its elements have been unified to create a single whole, and we guarantee that the container can be safely and easily used by the end user.
- **Environment:** The materials used in our container are 100% recyclable. The container weighs 15 times less than a complete underground system, and therefore its transport and installation carbon footprint is smaller.



Quick and efficient unloading of containers



https://youtu.be/iOPDLzyC5c?si=H9a834zq6_EDdYBY

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The background features a series of overlapping circles in two shades of green. A horizontal bar of a darker green shade spans the width of the image, containing the text. The circles are positioned such that they partially overlap the bar and each other, creating a layered effect.

THANK YOU