



Semi-Underground solution

When waste sorting, construction economy and aesthetics come together

Why a semi-underground solution?

Future-proof your waste management

With an Aerbin underground solution, you get lower operating costs and sorting into an unlimited number of fractions.



No more manual waste handling

With underground containers, manual waste handling is eliminated. All waste is picked up directly from the containers by your local waste collector.

When waste is thrown in directly or through a safety gate in the facility, the waste ends up in an underground container, keeping it always cool and avoiding odors.

At least once a week, underground containers for BIO waste are emptied. Other fractions are emptied as needed.



Operating costs

With Semi-underground containers, you achieve operational savings on service staff who must move containers back and forth. It also reduces other costs associated with picking up residual waste residual waste, as a waste system in operation.

Service employees can now spend their time on more important tasks, such as ongoing maintenance, snow scraping, gardening, etc.

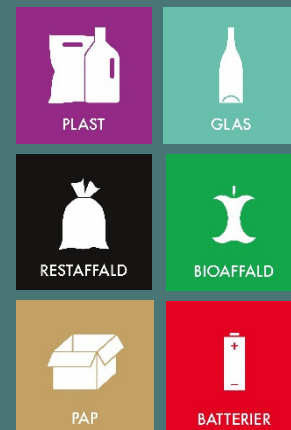
The solution for your project

The underground solution is relevant for any project, big or small!
The solution accommodates all fractions and comes in different sizes to accommodate the diverging waste volumes for each fraction.
The underground solution comes with inlets suitable for each fraction, as well as a safety lock for larger inlets, such as residual waste.

The solution comes in colors that graphically contribute to better sorting understanding. It is possible to have colored pictograms from the Danish Environmental Protection Agency's common labeling system, which also contributes to better packaging sorting through recognizability.

The underground systems are not limited by distances compared to automated solutions, but require access for waste collectors.

Udpluk fra
Miljøstyrelsens
mærkningssystem



Visibility

The underground solution caters to the discerning developer/architect/builder who wants a waste solution that can easily be incorporated into a project. The facilities are available clad in different materials, colors and textures.

Despite the large volumes of waste that the facilities can hold, the facilities have a limited impact on the landscape as the majority of the facility is stored underground.



Project planning

Aerbin specializes in waste management. By involving us in the design phase, the client is ensured that specialists in this field plan and design the waste management solution.

We have the necessary know-how when it comes to developing and integrating sustainable waste solutions. We are happy to make suggestions for the location of the facilities, so involve us from the beginning of the project and avoid problems in the design phase.

We are happy to develop and deliver digital components to architects and engineers if these are required during the design phase. We also offer co-design in 3D for collision control.

Specifications

An underground solution is available in sizes:

- 1,5 m³
- 3 m³
- 5 m³

Inlet options are available for:

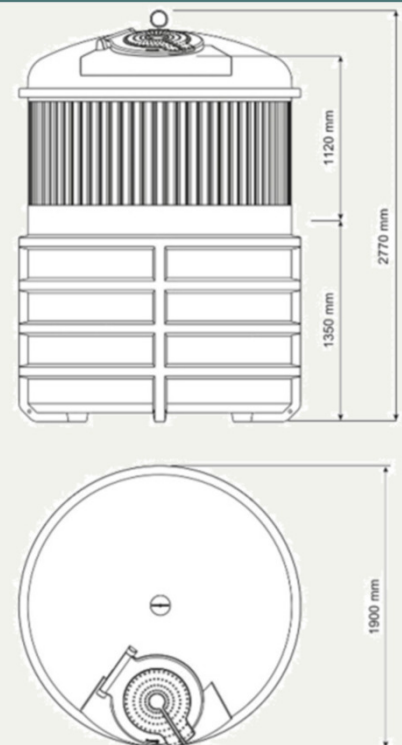
- Large/small bottles - Ø165/Ø180
- Mixed - Ø500Small
- Cardboard/paper - 200x250mm/200x420 mm
- Double lid with above inlets
- Safety lock

Capacities

An underground solution is not limited by capacity, for 5 m³ of waste only 4m² is needed. This is achieved by storing the waste down to 1.5 meters below ground level.

Due to the large container and good filling rate, a 5 m³ container can hold waste equivalent to 10 pcs. 600-liter waste containers.

$$5 \text{ m}^3 = 10 \times$$



Why an underground solution?

- An underground solution contributes to easier waste sorting (municipal requirements).
- An underground solution has a better environmental impact than traditional waste collection.
- An underground solution has lower operating costs.
- An underground solution minimizes waste management in the cityscape.
- An underground solution blends more naturally into the landscape than current bins

About Aerbin

For many, waste management is synonymous with odors, overflowing bins and large garbage trucks – a common part of the streetscapes and yards, but it doesn't have to be that way. Not at all, if you ask us...



We are Aerbin

A Danish company with one main purpose: to develop and integrate waste management solutions that serves society money and time – and at the same time ensure a healthy, sustainable foundation for urban areas, housing estates or similar to achieve a greener profile. Waste management is an important part of society, it's common sense to spend time and resources doing it right, the first time.

The company was founded in 2005. we have since installed thousands of tanks across hundreds waste management facilities in new and existing buildings. We saw the added value in automated waste collection system solutions – Both economic environmental and social aspect.

After many years through research, development and testing, we have the necessary knowledge to ensure our customers a reliable system from day one.

Focus on good collaboration

Although it's a cliché, our customers are always at the center. Our close collaboration with clients, architects and engineers gives our customers peace of mind and guarantees that the best solutions are developed and integrated.

From the very beginning, we have had our own production. We know all the components, which is why we can develop solutions that are future-proof - both in terms of technology and mechanics - such as mobile solutions, compact and fraction solutions. Our waste solutions can service everything from a small residential block to large urban areas. There are almost no limits... We have the right setup to handle all kinds of waste management solutions.

Aerbin®

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