

UNDER GROUND DUST BIN (SMART BIN)
UGD- UGD-01, UGD-02, UGD-03,04,05
(1100 Liter)



Flexible modular system

A UTC Industries system is the best solution for tight spaces. In old towns where the emptying vehicles have no opportunities to drive in, are our hydraulic systems the only opportunity to provide cleanness.

The existing infrastructure is gently lowered from the surface into the underground. Conventional collection containers are placed on a hydraulically driven auto hoist and can emptied with a conventional emptying vehicle.



What are the advantages of underground trash bin?

UTC INDUSTRIES's underground bin systems epitomize a pivotal advancement in waste management, revolutionizing the way communities interact with waste. Engineered to encapsulate innovation and efficiency, these systems bring forth significant advantages that redefine waste disposal.

Space optimization and aesthetics

The compact dimensions of all **UTC** models are ideal:

- **SB1100:** Length:2600mm Width: 1500mm Capacity: 1100lt x 2

These measurements cater to confined spaces, particularly beneficial for islands and areas with limited room for waste infrastructure.

The concealed underground construction ensures only stainless-steel outlets are used on the surface, harmoniously blending into any environment. This unobtrusive integration enhances the visual aesthetics of public spaces, reducing clutter while optimizing functionality

An autonomous container system with a hydraulic lift allows municipalities to set up underground waste storage facilities without having to connect to the mains or other communications.

The system allows you to hide garbage containers underground, ensuring comfortable operation for residents and garbage collection services. Collecting containers takes up to 2 minutes

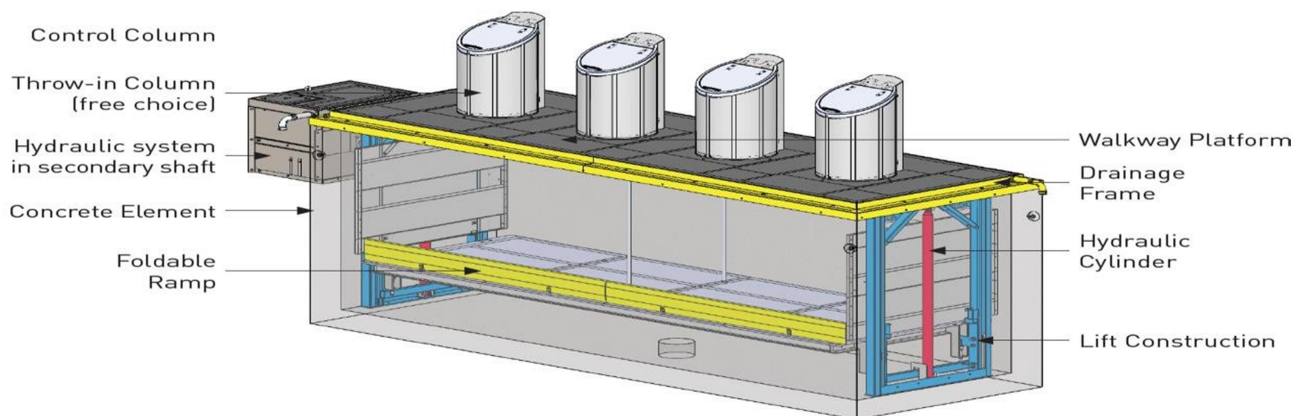
Weather-resistant durability

Constructed from meticulously chosen materials, these underground bins stand resilient against the elements.

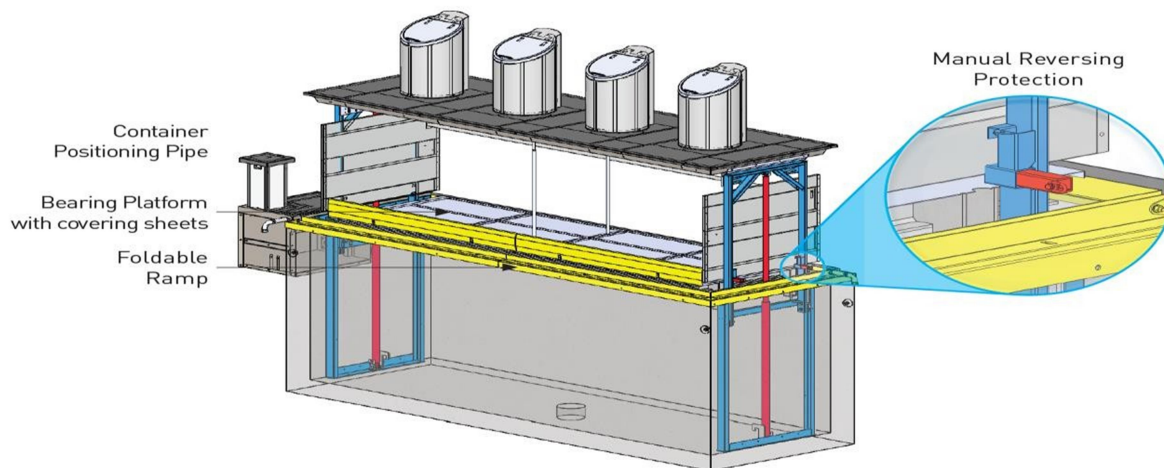
The weather-resistant design safeguards the system from rain, wind, and sun, ensuring it withstands wear and tear over time. This durability not only prolongs the system's lifespan but also guarantees consistent, reliable waste management even in challenging environmental conditions

- | | |
|---------------------|---|
| 1. Concrete Element | Prefabricated and waterproof concrete element |
| 2. Lift | Lift construction with an upper walkway and lower bearing plat-form |
| 3. Throw-in column | The throw-in column is centrally assembled on the plat-form and above the bin |
| 4. Power Unit | Electro-hydraulic power system placed in the secondary shaft or compactor vehicle |

Lift Position in the underground

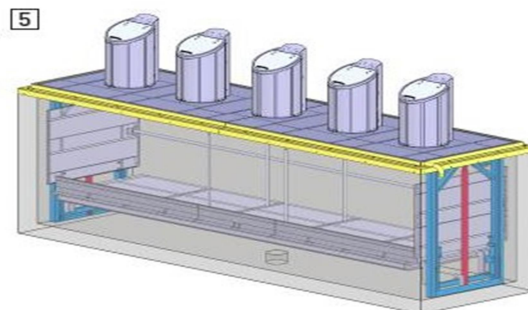
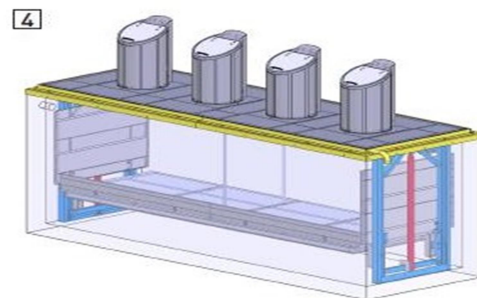
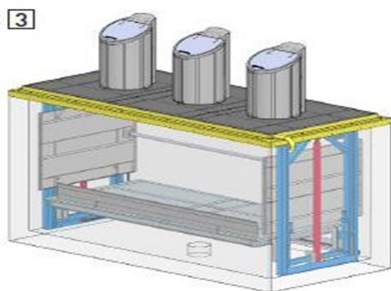
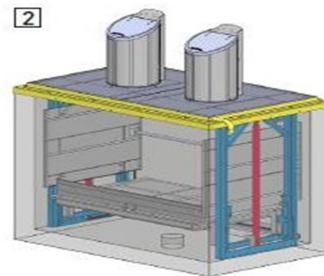
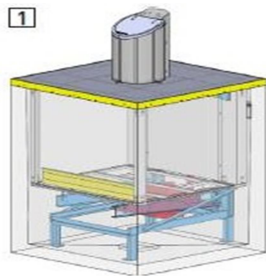


Extended Lift Position

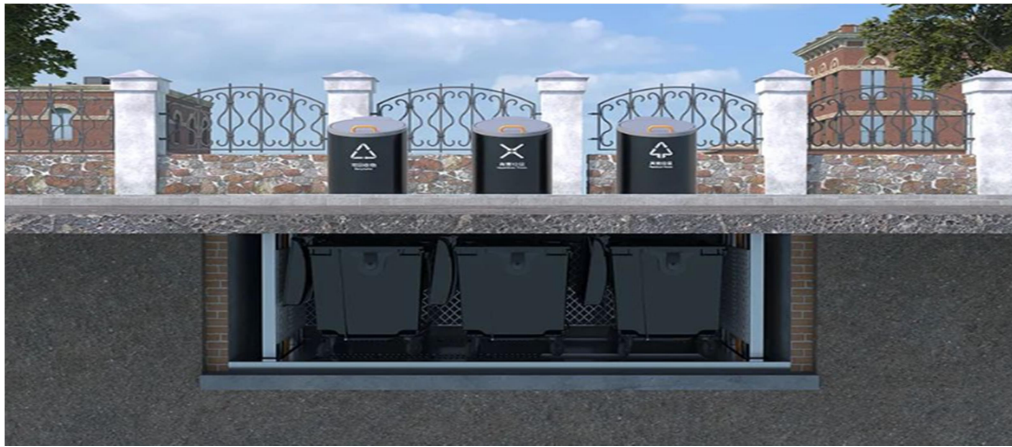


Products

1. UGD-01 (Collection Container- 1 Container 1100 liter)
2. UGD-02 (Collection Container- 2 Container 1100 liter)
3. UGD-03 (Collection Container- 3 Container 1100 liter)
4. UGD-04 (Collection Container- 4 Container 1100 liter)
5. UGD-05 (Collection Container- 5 Containers)



Operation and Hydraulic



OUR NEW PRODUCT SOLAR POWERED UNDERGROUND DUST BIN





UTC INDUSTRIES 20 + years
PRODUCTION EXPERIENCE

Underground Waste Containers

Lifting capacity: 1/2/3/4/5/6 tanks with a capacity of 240L 660L 1100L

Lift mechanism: Hydraulic/Electrical
Internationally renowned brand system.

Corrosion protection: Wear Resistant Industrial Enamel / Galvanized

Garbage collection: Intelligent sensing, manual, and foot-operated.

Warranty period: from 24 months (upon conclusion of a service contract – 36 months)

Leader Factory **Efficient Convenient** **Support Customization**

To lift the lift system out of the concrete element, it will be controlled, depends on the product through a control bulb or an operation panel.

UGD-01

The hydraulic aggregate is located directly in the concrete element. If the the throw-in column includes a power supply, the control bulb is placed in the back of the throw-in column.

If the lift is operating through an external hydraulic system, for example through the system of the garbage truck, the hydraulic connection is also placed in the back of the throw-in column.

UGD-02, 03, 04, 05

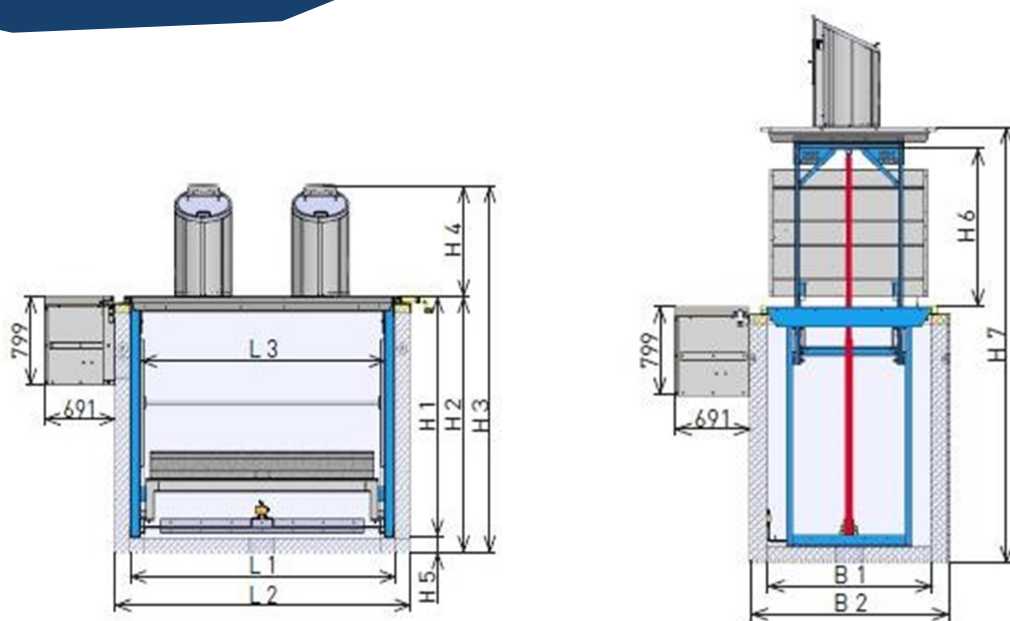
The hydraulic aggregate of the series UGD-02, 03 etc. are placed in a separate secondary shaft beside the lift system. The aggregate and the lift system are connected on the lift cylinders through hydraulic pipes

To operate the lift system is a control bulb which is lowered in the secondary shaft or a fixed control column (with keylock) available.

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<http://www.utc-industries.com/>

UTC INDUSTRIES
Greater Noida (INDIA)

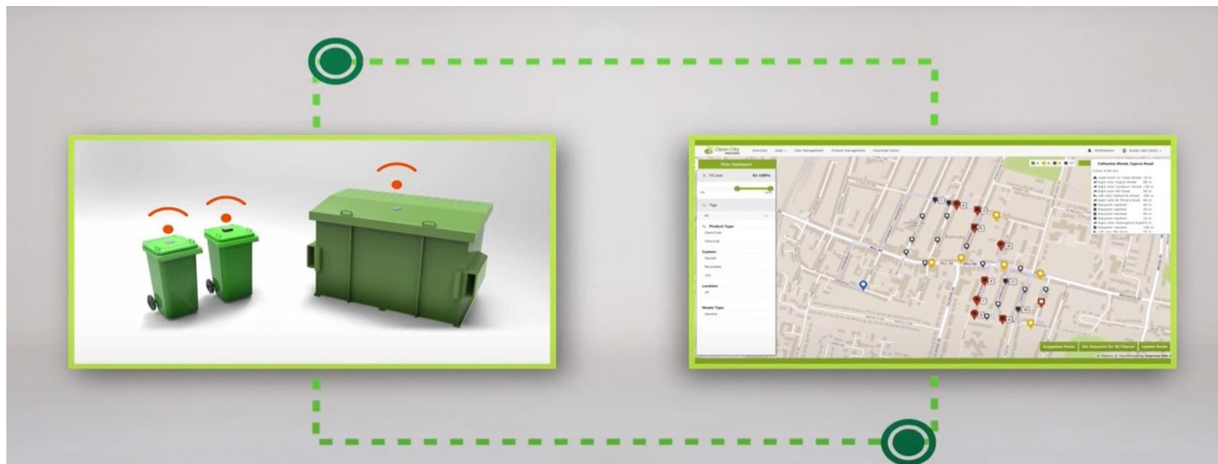


Meas.(mm)	L1	L2	L3	H1	H2	H3	H4	H5	H6	H7	B1	B2
UGD-02	2600	2900	2330	2159	2309	3304	995	150	1489	3798	1500	1800
UGD-03	3600	3900	3330	2159	2309	3304	995	150	1489	3798	1500	1800
UGD-04	5000	5300	4730	2159	2309	3304	995	150	1489	3798	1500	1800
UGD-05	6050	6350	5770	2159	2309	3304	995	150	1489	3798	1500	1800

ULTRASONIC FILL LEVEL SENSOR

NETWORK SOFTWARE

Our sensor is a wireless ultrasonic fill-level sensor that securely monitors a container's fill-level and sends real-time data to Networks, our cloud-based monitoring and data analytics platform. This sensor can be easily attached to any type of container or tank to monitor any type of waste, including solids and liquids. Together with the cloud platform,



Networks software is our waste management platform and the glue that binds all our solutions together. software provides the monitoring environment, smart dashboard, analytics, and control center in one comprehensive and simple package. Web-based and cloud-hosted, software is available anywhere you have a modern browser and an internet connection. It gives you total control and insight into your waste management operations and has proven cost-reduction benefits in all sectors of your operation.



[WATCH VIDEO](#)

<http://www.utc-industries.com/>

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