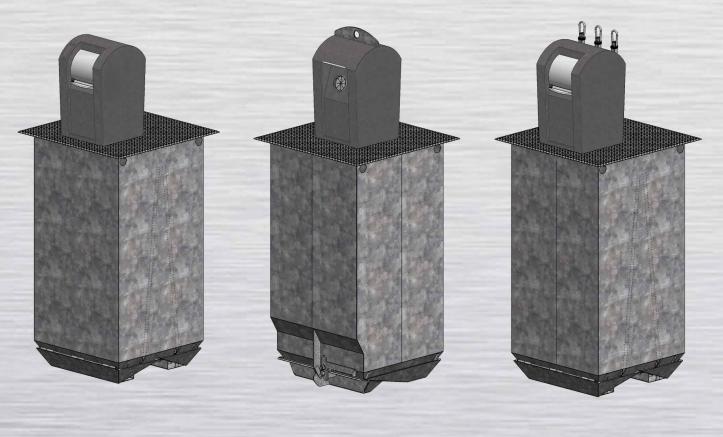
BOEM UNDERGROUND SYSTEM

FOR SELECTIVE WASTE COLLECTION













Zakład Elektryczno-Metalowy BOEM 88' has been manufacturing BOEM UNDERGROUND SYSTEMS for many years with a lot of success. Over 8,000 systems manufactured by us have been implemented in dozens of Dutch towns and cities. BOEM UNDERGROUND SYSTEMS for sorting waste represent modern technology which combines functionality, innovation, and state-of-the-art









Systems are build for all those customers tired with the view of overloaded dustbins and their accompanying smell. BOEM SYSTEM is as friendly for residents as it is for dust collection services.

BOEM systems are characterised by aesthetic design, simplicity of use, and long maintenance-free life. Dust collected underground do not come into direct reaction with the ground and are stored in lower ambient temperatures. Dustbins may be widely available or locked with a mechanical, electronic or chip locking system and made available to selected users only.



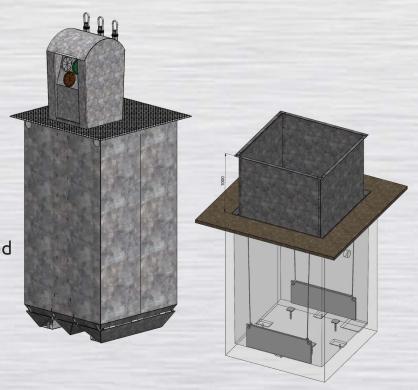
BOEM SYSTEM consists of:

- Pillar
- Platform
- Underground body
- Concrete box
- Safety system

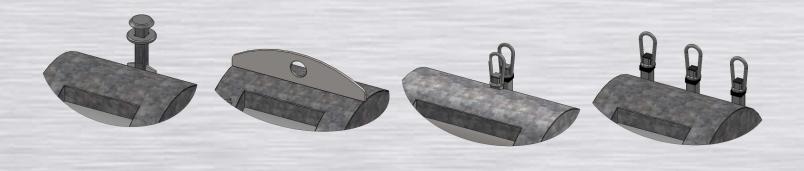
Kinshofer

Pillar – above ground part.
The surface of powder paint is coated with anti-graffiti lacquer which facilitates removing unwanted paint layers and posters from dustbins.

Pillars may differ from one another depending on the lift system with which they are equipped:



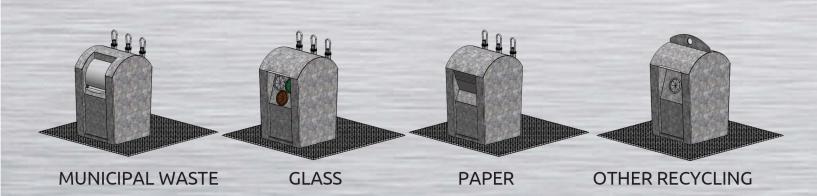
3 haki



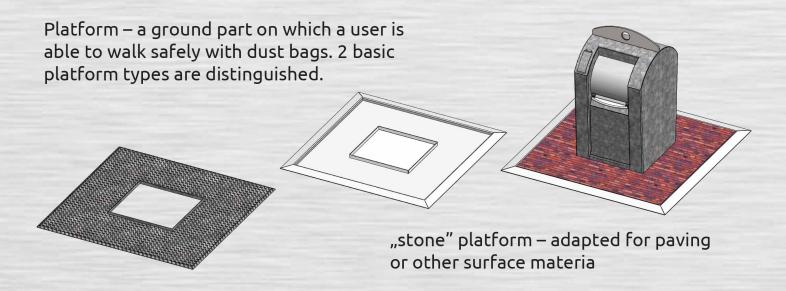
2 haki

Pillars are adapted to different fractions collecting.

1 hak



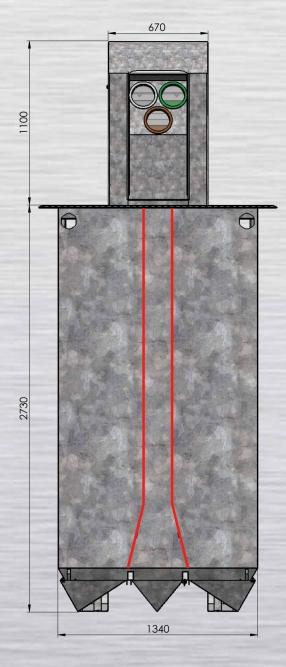




Tear plate platform – made of riffled black steel, extra galvanized which minimize corrosion risk

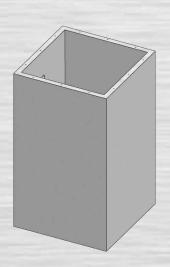
Underground body – divided according to size and number of internal chambers. Basic models are sized 3m3, 4m3, and 5m3.

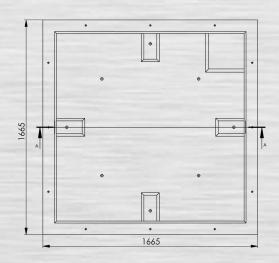
The body may be divided into 2 or 3 chambers each of which is equipped with a separate hatch. 3 types of waste in a single BOEM SYSTEM may remain unmixed.

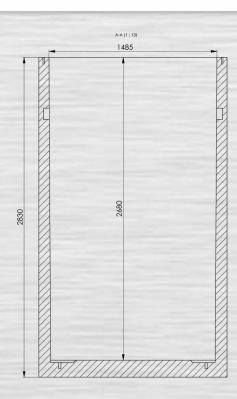




Concrete box – a foundation for the dustbin which prevents absorption of fluids leaking from waste into the ground.



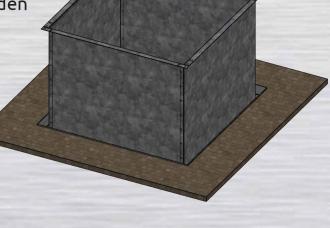




Safety system – 2 most popular safety system include:

clap system — is designed so that, when lowered, it fits into special springs which open the hatch and the container may be hidden easily within a concrete hollow.





Wall system – counterbalance installed in the system allows the wall to be lifted over ground level so that the wall form a fence around the opening. Container's weight allows the walls to slide down underground again.



Emptying the container.

An experienced operator can empty the bin single-handedly within 2-3 minutes.







Safety system - When the container is lifted over ground level, a dangerous opening in the ground is formed. For that reason, safety systems are implemented. Accident risk for both operators and random passers-by is reduced to almost none.









BOEM SYSTEM is a unique combination of aesthetic values and functionality. A pillar inscribes into urban surrounding perfectly. 5m3-sized dustbin does not predominate over the landscape but complements it subtly.

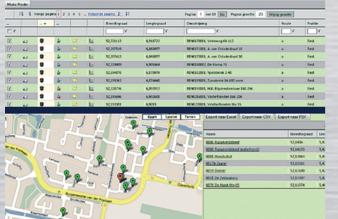






An electronic system may be installed upon request. The system is activated with a chip-card and records data on dustbin load level, error alerts, and user lists. This data is transmitted to servers wirelessly and when it is processed, system operator is able to schedule service and maintenance efficiently.

















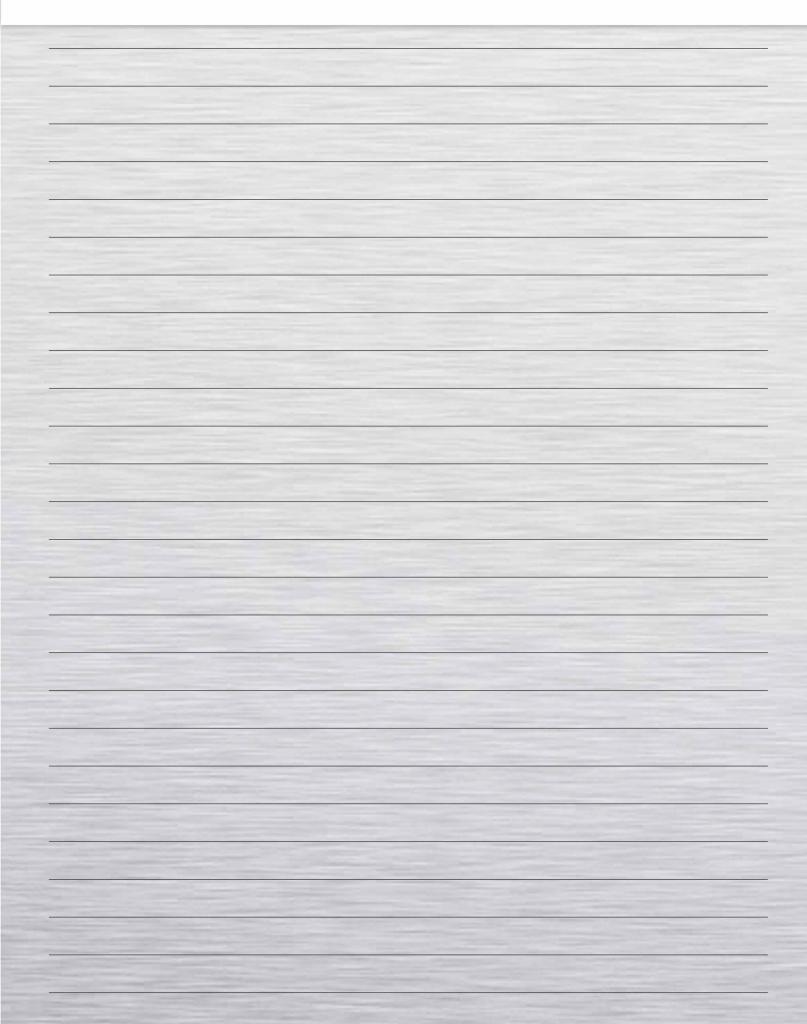














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