



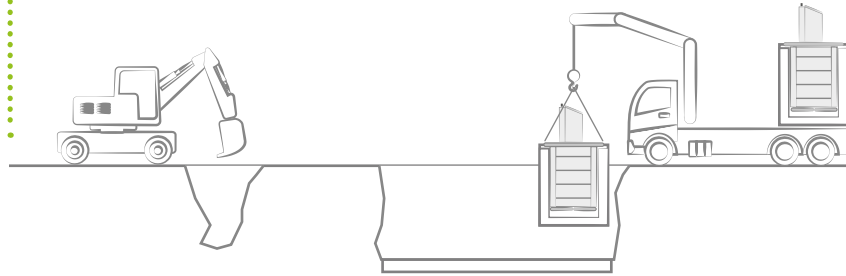
**COMPACT
METALLIC**

UNDERGROUND
SYSTEM

COMPACT METALLIC UNDERGROUND SYSTEM

Maximum resistance.
Easy to install and collect.

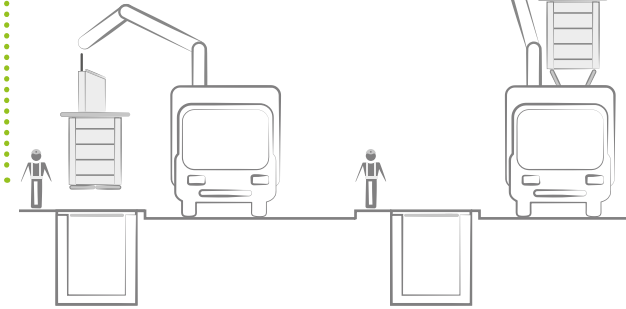
1 Easy to install



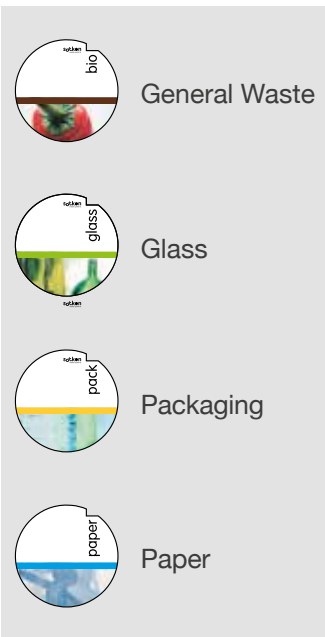
2 Easy to use



3 Easy to collect



SELECTIVE COLLECTION

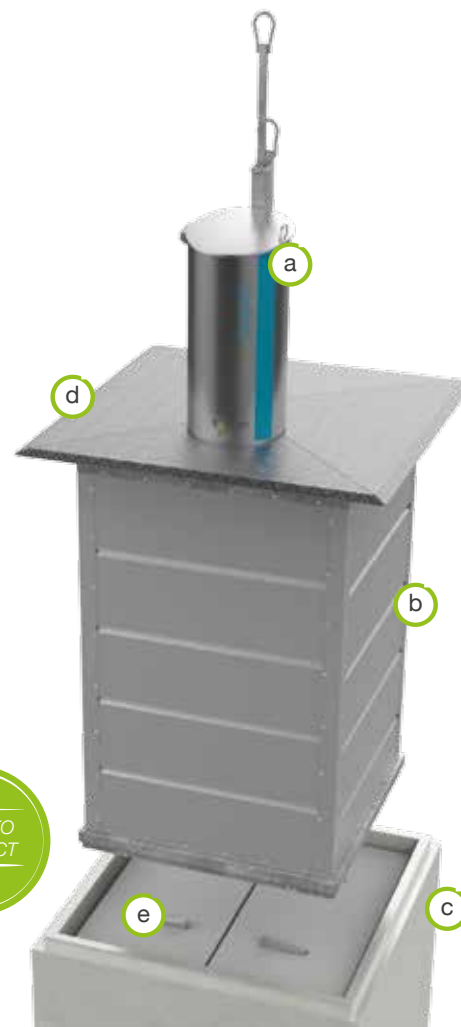


The compact metallic underground system from Sotkon is a complete concept for waste collection by top loading crane installed in a collection vehicle. The discharge of waste is performed through a bottom double part hinge connected to the metal container body.

The unitary concrete bunker is watertight to prevent water entry and the exit of leachate that contaminates the soil. The metal containers use lifting arms and are placed underground. The waste is received through a surface mounted intake column.

The pedestrian platform and the container are fixed and the movement of both is carried out using a crane installed in the collection vehicle. The containers have options to accommodate various crane options: single hook, double hook and mushroom.

After the lifting of the container there is a security platform that covers the space, ensuring there is no open void for a safety operation.



EASY TO COLLECT

“ Perfect integration with the environment ”

Index:
a. Intake Column with double hook system
b. Metal Container
c. Concrete Bunker
d. Pedestrian Platform
e. Safety Platform

COMPONENTS

Intake Column

Characterized by their simplicity and functionality, Sotkon intake columns present an attractive design for street furniture. Our products are designed to ergonomically provide ease of use, safety and hygiene. The intake columns are produced in stainless steel to preserve its appearance and to endure extremely aggressive environments. It is possible to provide models on request for special projects. The opening can be modified for specific types of waste.



Pedestrian Platform



The construction of the pedestrian platform (lid) and of the various components are made with anti corrosion resistant materials. The lid is designed to integrate perfectly within the rim of the bunker so as to ensure complete sealing of the joint. A perimeter gutter eliminates the possibility of infiltrations of rainwater. In order to ensure seamless integration in the surrounding area, the finishing of the lid can be made in various solutions from stone or brick to resins of different colours.

Metal Container

Our Containers are designed to have an exceptional mechanical strength. These containers are manufactured in galvanized steel primarily using technologies cutting, bending and riveting. The bottom consists of two sheets of steel with retention basins for any leachate. Depending on the elevation and discharge of the container the crane system is tailored with appropriate fittings and with stops that protect against damage to the structure of it



Concrete Bunker

The tank is a concrete piece, sealed, comprising of a base, two transverse walls and two longitudinal walls. The base has two recesses for the collection of liquids or cleaning elements. Were designed and calculated so as to meet all the specifications of Euro Code applicable and prevent any buoyancy effect.

Safety Platform

The safety platform is a device that closes the entire opening of the bunker when the container is removed. This prevents anything being able to fall into the void. Two options for the safety platform are available: one with a counterweight system and another with gas springs.



SOTKIS Intelligent Systems

SOTKIS is an integrated management system that provides information about the various processes involved in waste collection so as to maximize the efficiency of allocated resources and increase the profitability of service. Using the SOTKIS system, each entity may have information about the filling level of containers, plan the most efficient route, know frequencies of deposition and introduce systems Pay As You Throw (PAYT).



Optionals

Intake Column



Optional:
Special signs



Optional:
Reduction for glass and batteries



Optional:
Lid soft close



Optional:
Internal trapdoor for reduction



Optional:
Pedal

* Other solutions on request.



Optional:
Reduction for glass



Optional:
Double drum for access restriction



Optional:
Standard Intake column with access control

Pedestrian Platform (Finishing)



.Resin epoxy in different colours



.Aluminum or steel

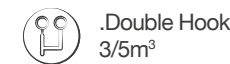


.Cobblestones



* Other finishes on request.

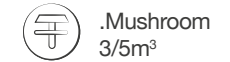
Container (Collection system)



.Double Hook
3/5m³



.Single Hook
Palpeur 3/5m³



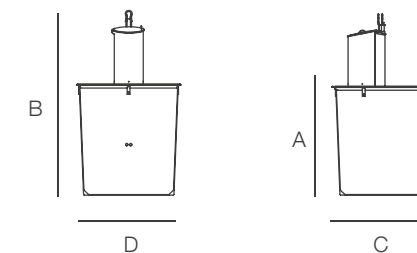
.Mushroom
3/5m³

* Other capacities on request.

Technical Drawings (Assembly)

Capacity	A	B	C	D
3M ³	1750	2750	1950	1950
4M ³ /5M ³	2600	3600	1950	1950

Units in mm (approx values)
These dimensions are not suitable for civil construction

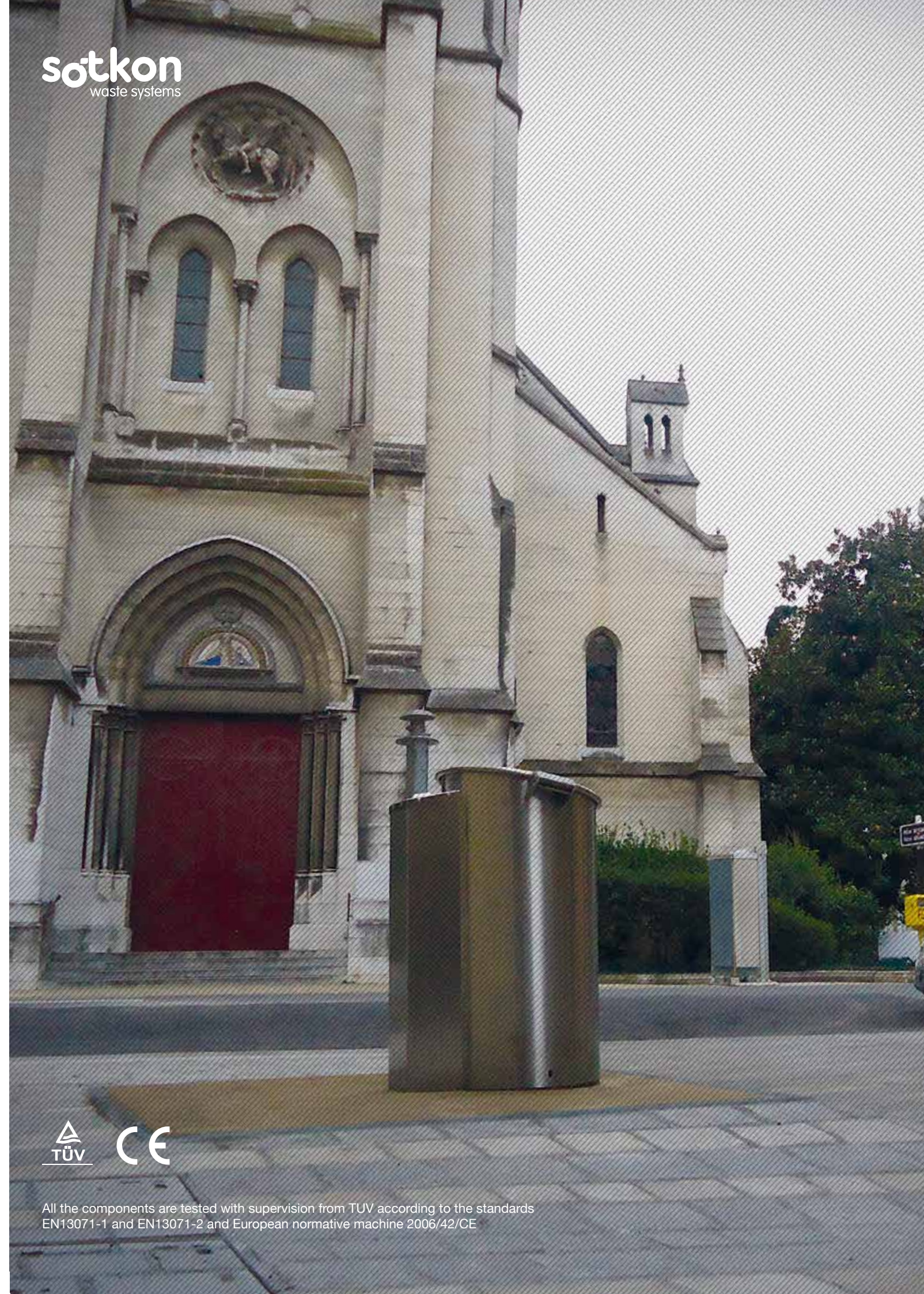


COMPACT METALLIC

UNDERGROUND
SYSTEM



sotkon
waste systems



All the components are tested with supervision from TUV according to the standards EN13071-1 and EN13071-2 and European normative machine 2006/42/CE