

sotkon
waste systems



.en
**Simple and
efficient.**

About Us

ABOUT SOTKON

Sotkon has a significant global presence in the underground containers market for the selective collection of household refuse. The company prides itself on the sustainable pathway it has followed in terms of growth over the last 20 years.

HISTORY

The first idea for an underground container was conceived in the early nineties and led to an innovative system. The company currently holds various patents of underground containers systems.

More than 35.000 Containers in 20 countries



Higher capacity and less collection frequency

Underground vs Surface

The underground systems allow the use of less operators to collect larger capacity containers, adding a higher level of profitability to the operation.

The Koncept System allows the collection of a 3 cubic meters underground container with only a single operator using the traditional rear loading collection truck with a small crane on top of the truck body. The Sotkon compact systems (Evos and Apto) makes it possible for a single operator to collect the container with a larger capacity crane installed on a truck. Both of the compact systems are available for automatic bilateral side loading trucks allowing inside-cab collection.

The protection against the waste interaction with excessive heat and animals contributes to the reduction of unpleasant odors and the risk of disease transmission, favouring a good environment and public health.



Underground Containers

The underground container collection systems have more capacity and hide the waste from the surface, reducing the visual and environmental impacts caused by traditional surface containers.

The Sotkon underground containers are harmoniously integrated with their surroundings, which encourages increased and better separation.

By separating waste at source, the volume of recyclables is increased and costs of further separation are reduced.

Perfect integration with the environment





Waste Collection Systems

Sotkon high capacity containers will reduce the number of the collection vehicles routes and consequently the costs of the operation, saving fuel, vehicle maintenance costs and improving fleet utilisation.

Due to the simplicity of the system there is no need for more than 2 operators, reducing labour costs and improving the working conditions during collection.

Less operators and collection vehicles



Underground Sotkon

The Sotkon systems are based on a simple concept.

On the surface are placed discrete intake columns, produced in stainless steel that guarantees maximum durability and corrosion resistance. The intake columns are assembled on a pedestrian platform integrated with the surrounding area. A concrete bunker is installed below the pedestrian platform, watertight and capable of being used in very high water levels. Finally, inside the concrete bunker is placed a reinforced container adapted to operate with all different types of waste collection systems.

Only 4 components, simple and durable that will make all the difference in reducing the cost of your waste collection system and making it more efficient.



KONCEPT

Rear | Top Loading

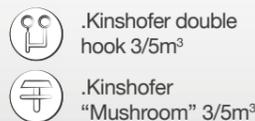
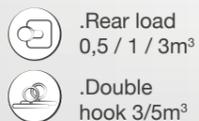
System:
.Mechanical or electrical opening

Rear loading collection (closed bottom):
.Single hook with rear loading

Capacity:
Up to 3m³

Top loading collection (open bottom):
*.Double hook
 .Kinshofer mushroom or double hook
 .Single hook with palpeur system*

Capacity:
Up to 5m³



EVOS

Bilateral | Top Loading

System:
.Platform and container fixed, collection by crane

Top loading collection (open bottom):
*.Double hook
 .Mushroom
 .Single hook with palpeur system*

Capacity:
3 / 5 m³



APTO

Bilateral | Top Loading

System:
.Platform and container fixed, collection by crane

Top loading collection (open bottom):
*.Double hook
 .Mushroom
 .Single hook with palpeur system*

Capacity:
3 / 4 / 5 m³



Semi Underground

Qubus is a new generation of semi underground equipment. It consists of the partial installation in the ground of high capacity containers (from 3m³ to 5m³ capacities) for the deposition of refuse and an attractive top cover placed above ground. A simple system, with extremely reduced maintenance costs and free of complex mechanisms, particularly in the lifting of the container for the collection.

QUBUS E

System:

.Top cover and container fixed,
collection by crane

Top loading collection (open bottom):

.Double hook
.Mushroom
.Single hook with palpeur system

Capacity:

3 / 5 m³

-  .Single Hook
-  .Double Hook
-  .Mushroom



QUBUS

System:

.Mechanical opening

Rear loading collection (closed bottom):

.Single hook with rear loading

Capacity:

Up to 3m³

Top loading collection (open bottom):

.Double hook
.Kinshofer mushroom or double hook
.Single hook with palpeur system

Capacity:

Up to 5m³

-  .Rear load 3m³
-  .Double hook 3/5m³
-  .Kinshofer double hook 3/5m³
-  .Kinshofer "Mushroom" 3/5m³
-  .Palpeur 3/5m³
-  .Single hook 3/5m³

Surface Solutions

Sotkon developed a range of surface solutions as complementary units to use with specific waste streams like used cooking oil or organic waste.

Those units can be installed independently or near the underground solutions as they maintain an attractive design that is perfectly integrated in the existing Sotkon "ecological isles"



the O+

System:

.Manual opening

Rear loading collection (closed bottom):

.2 wheelie bin container (Mgb)

Capacity:

120 / 240 / 360 L

the Oily

System:

.Manual opening

Rear loading collection (closed bottom):

.2 wheelie bin container (Mgb)

Capacity:

110 L

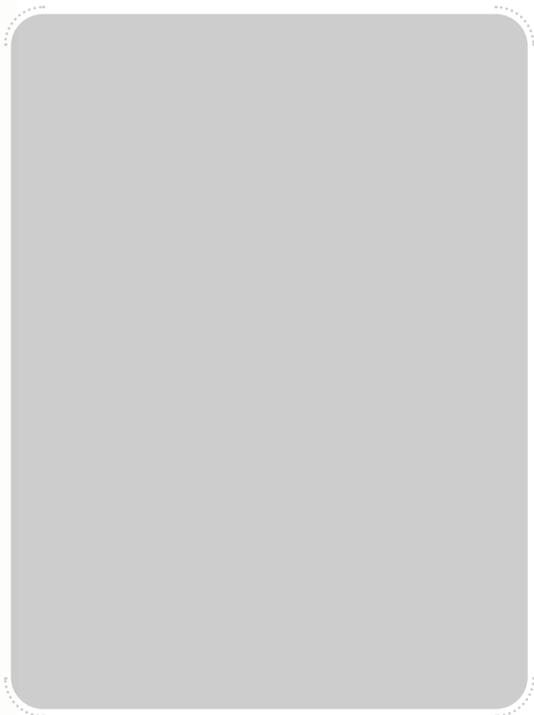




SOTKIS consists of integrated management systems that provide information data about the various processes involved in waste deposition and collection. Using the SOTKIS systems, the entity responsible for the operation may retrieve information about the container filling level, be able to plan collection routes more efficiently and know the frequency of the depositions by user, refuse type and many more variables. The SOTKIS are PAYT (pay-as-you-throw) ready.



- India
- Israel
- Ukraine
- Georgia
- Croatia
- Greece
- Lithuania
- England
- Morocco
- Angola
- Portugal
- Spain
- France
- Germany
- Turkey
- Colombia
- Brazil
- Romania



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

Worldwide patented system

www.sotkon.com

