



5000 LITERS UNDERGROUND WASTE SYSTEMS

HEDEF

- The underground waste system provides a comfortable use alongside an environmental, aesthetic and modern city image.
- Only the intake bin is visible above ground, the main container is located underground.
- The underground waste system is made in a feature that can be unloaded by opening the lower lids and lifting it from the head mechanism of the container with a crane on the vehicle, which the driver manages with the help of a remote control by getting out or in the vehicle.
- The safety platform has a lift system that automatically closes the entering of the well to prevent any object from falling, when the inner container is removed for unloading or other reasons. Elevator system has 250 kg carrying capacity. It offers high security as well as easy operation.
- The upper walking platform is made of teardrop patterned sheet metal with robustness that people can easily walk on.
- The underground waste system is manufactured to European standards to be used for domestic waste and is designed for long-term use.
- Containers can be made with different waste disposal entry options, environmentally compatible color tones (Ral color) or sticker coated upon request.
- One-piece poured concrete socket is used with reinforced waterproof concrete of C35 quality and ribbed rebar.

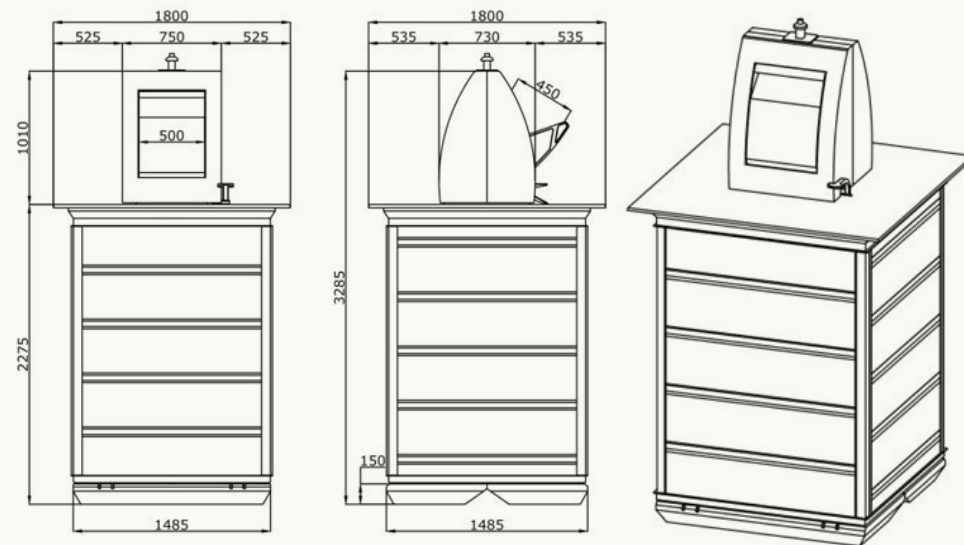


Throw-in Column

Container with Platform

Safety Platform
Securomat

Concrete Element &
Finishing Frame



3000 Liter

1.750 x 1.600 x 1.600 mm

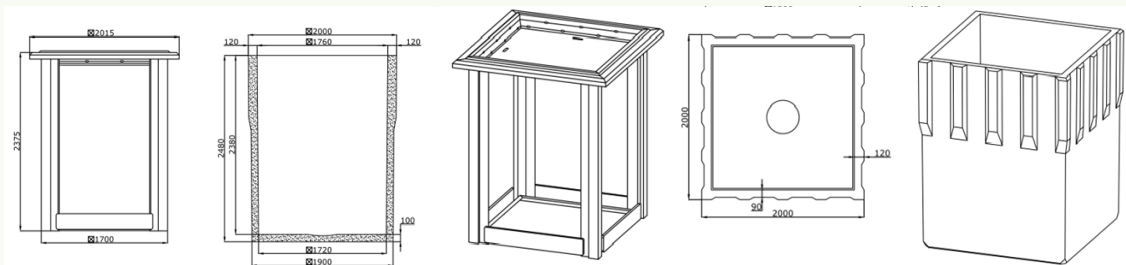
5000 Liter

1.750 x 1.600 x 1.600 mm

CONCRETE ELEMENT

Concrete socket will be cast in concrete molds as at least C 40 in long-term strength class. There will be 8 mm thick ribbed rebar in the concrete socket. The outer concrete socket has 100% the waterproofing. Concrete socket will be manufactured as a one-piece monoblock, concrete sockets that are added later by more than one piece will not be accepted.

| Wall Thickness | Internal Dimensions | External Dimensions |
|----------------|--------------------------|--------------------------|
| 120 mm | 1.760 x 1.760 x 2.380 mm | 2.000 x 2.000 x 2.480 mm |



SECURITY PLATFORM

The underground container system has a safety platform, it will be connected to an elevator system to prevent humans and animals from falling down when the inner container is removed for unloading or other reasons. The elevator system will have a lifting capacity of at least 200 kg. The security platform will be manufactured from TS 10346 quality galvanized sheet.

The poles will be made of 275 kg/m² galvanized sheet in accordance with TS EN 10346 standards, with a minimum thickness of 2.00 mm.

PAVEMENT PLATFORM

The pavement platform of the underground container system will be made of corrosion-resistant 4-5 mm thick, non-slip-resistant tear-patterned sheet, and will be applied with sun rays-resistant protective feature.

There will be sufficient number of bar or profile on the bottom surface of the pedestrian platform to prevent the bending of the upper sheet.





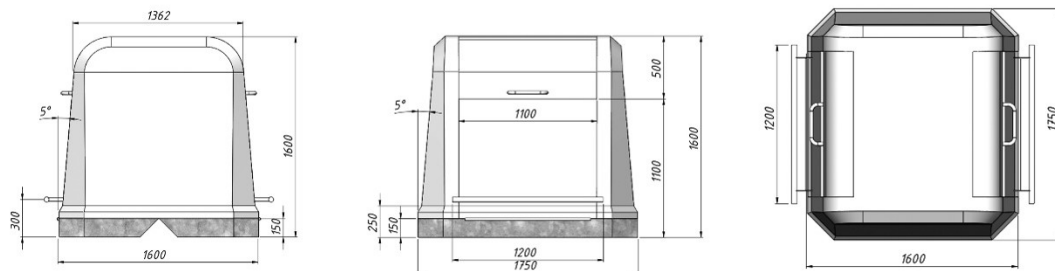
ABOVE GROUND WASTE SYSTEMS

HEDEF

- The overground container system lifts the container which the driver manages with the help of a remote control by getting off or on the vehicle from the lifting mechanism of the container with a crane on the vehicle which can be controlled by automatic and manual control and make the unloading on the vehicle by opening the lower hatches by means of a remote control.
- The edge of the overground container has been given strength by twisting the body sheets.
- The overground container system can be manufactured as end product or deassembled in order to reduce transport cost and prevent wear over time and also easy part changes .
- The drum cap has gas piston for easily opening and closing. There is handle for held by the user. Body connection provided by a bearing.
- Overground container inside and outside is painted with electro-static oven paint in the desired color.
- The desired logo warning safety sign type of garbage and sticker coating labels can be made .



- Overground container garbage capacity is 3,750 Lt. The container body measures at least 1750mm×1600 mm x 1600 mm .
- The drum cover dimensions of the overground container is at least 400mm x 1100mm and the ground clearance is 1100 mm.



| 2500 Liter | 3000 Liter | 3750 Liter |
|--------------------------|--------------------------|--------------------------|
| 1.250 x 1.600 x 1.600 mm | 1.450 x 1.600 x 1.600 mm | 1.750 x 1.600 x 1.600 mm |

- The rubber strip mounted on the bottom of the drum to prevent noise and odor to the from overground container cover ensure that the drum cover closes quietly and prevent any harm to users.
- Bolts used in the system is galvanized at least 8.8 quality (DIN 961-933) , nuts (DIN 985) is galvanized with fiber.
- The spigot lifting apparatus of the container is in the balance center of the container and installed at the top of the container by placing a lifting apparatus on the 50mm×50mm profile so that the lifting operations can be controlled by the operator from one point.
- The bottom cover sheets are hot dipped galvanized according to TS EN ISO 1461 standards with a thickness of 3 mm. As well , it's designed to be 160 mm deep, capable of transporting liquid waste in a capacity of 350 liters.
- Overground garbage containers are not have screws or other mechanical equipment to which the garbage can be installed during unloading. The hinges of the lower lids do not go outside the container body. The container body connected to the lids by means of welded hinges on the bottom lids.
- Suitable materials have used for carrying capacity in the cover opening mechanism.
- The internal mechanism of the containers, the spigot head lifting and unloading system fully coated with hot dip galvanized according to TS EN ISO 1461 standards.
- Containers bottom covers open at 90° degrees so that the garbage can be completely emptied.
- The connections of the bottom cap opening arms made by screw joint and $\varnothing 27 \times 3$ mm galvanized steel pipe used.
- The back of the container may be closed. Production can be made upon request.
- Containers are covered under our company warranty against rust and production defects for 2 years.



METAL WASTE CONTAINERS



- The product is made of first quality galvanized sheet.
- 2 wheels of 125 mm diameter are used for this container.
- Containers have been welded with slag-free arc welding.
- All of products used in containers are first quality and CE,ISO 45001:2018,ISO 10002:2018 certified.

120 LITER METAL GARBAGE CONTAINER



HEIGHT:900mm DEPTH:400mm WIDTH:400mm

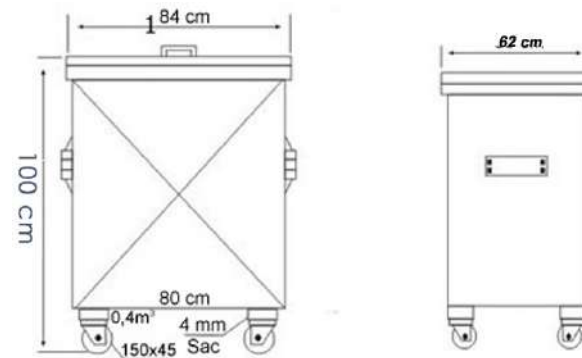
240 LITER METAL GARBAGE CONTAINER



HEIGHT:1000mm DEPTH:500mm WIDTH:500mm

400 LITER METAL GARBAGE CONTAINER

- Body and floor have been folded from a single piece of galvanized sheet. The strength is increased by pressing the body and sides.
- Product body sheet thickness is 1.50 mm.
- The hatch sheet thickness is made of 1.20 mm sheet, which is considered to be light.
- Hatch hinges ensure that the door is fully opened and closed.
- The wheel connection plate is 3 mm.
- Container lifting arm plate is 3 mm (S) model.
- The wheels size are 150 X 45.
- Four of the wheels have 360 degrees of rotation and one of them has brakes.
- Lift arms are suitable for garbage trucks lifting system.
- Containers have been welded with slag-free arc welding.
- All of products used in containers are first quality and CE, ISO 45001:2018, ISO 10002:2018 certified.





METAL WASTE CONTAINERS

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- Product body sheet thickness is 1.50 mm.
- The hatch sheet thickness is made of 1.20 mm sheet, which is considered to be light.
- Hatch hinges ensure that the door is fully opened and closed.
- The wheel connection plate is 3 mm.
- Container lifting arm plate is 3 mm.
- Container lifting arms are made of 16 mm iron.
- Container arms have been assembled to the body with 8 steel bolts.
- The wheels size are 150 X 45.
- Four of the wheels have 360 degrees of rotation and one of them has brakes.
- Lift arms are suitable for garbage trucks lifting system.
- Containers have been welded with slag-free arc welding.
- All of products used in containers are first quality and CE,ISO 45001:2018,ISO 10002:2018 certified.

600 LITER METAL GARBAGE CONTAINER



HEIGHT:750mm

DEPTH:700mm

WIDTH:1100mm



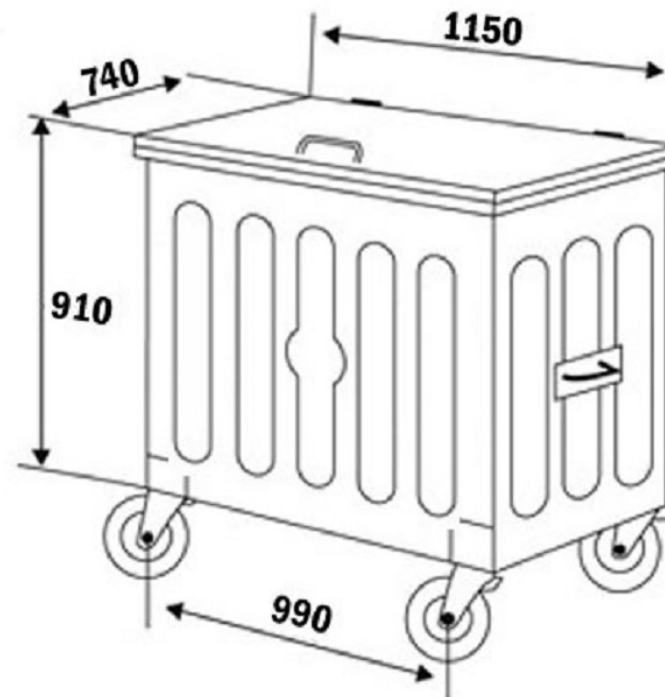
770 LITER METAL GARBAGE CONTAINER



HEIGHT:910mm

DEPTH:740mm

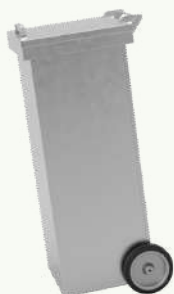
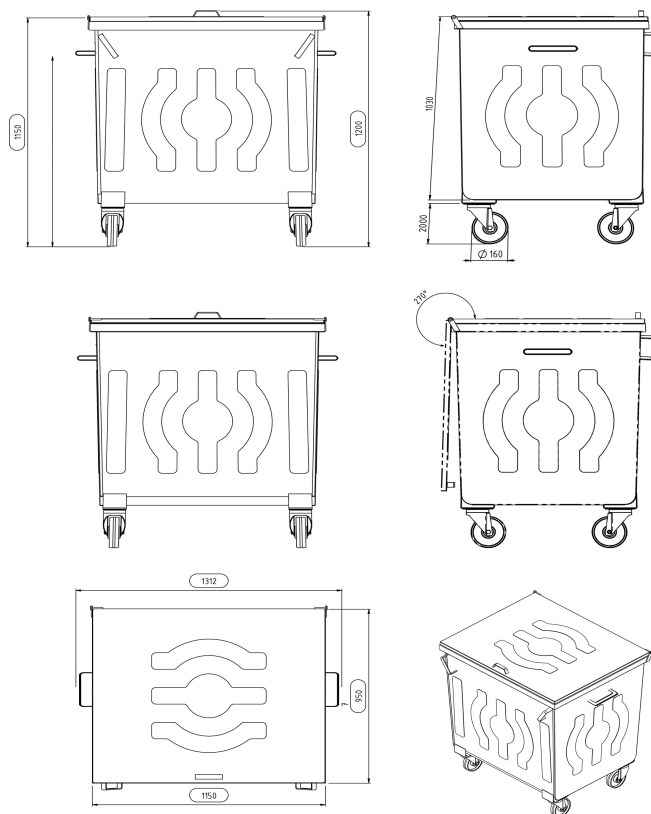
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800 LITER METAL GARBAGE CONTAINER



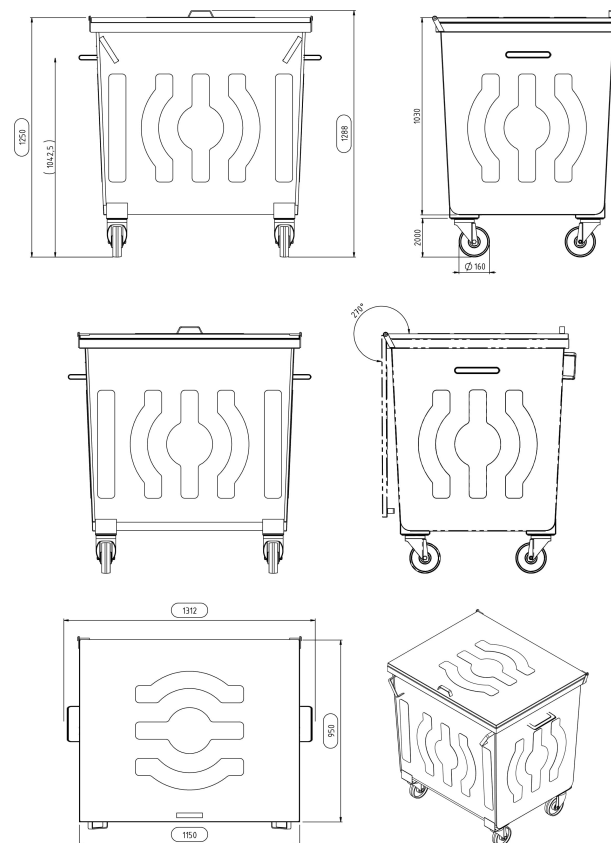
HEIGHT:1150mm DEPTH:950mm WIDTH:1150mm



1000 LITER METAL GARBAGE CONTAINER



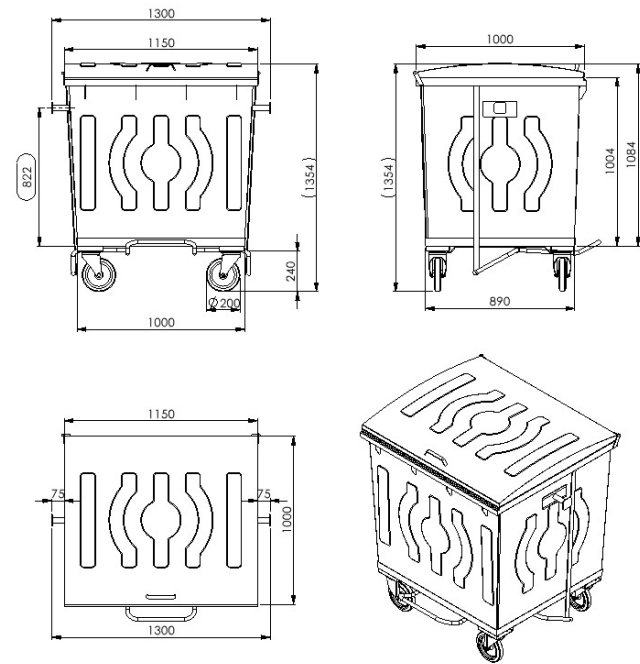
HEIGHT:1250mm DEPTH:950mm WIDTH:1150mm



1100 LITER EURO ARM GALVANIZED
WASTE CONTAINER



HEIGHT:1354mm DEPTH:1000mm WIDTH:1150mm



1100 LITER METAL GARBAGE CONTAINER



HEIGHT:1250mm DEPTH:950mm WIDTH:1150mm

