

BIOWC

MOBILE ECOLOGICAL TOILETS



**BIOWC
ME EUROPE**



**BIOWC
ME ASIA**

**THE FIRST
MOBILE ECOLOGICAL TOILET
WORLDWIDE**

WATERLESS AND CHEMICAL FREE

MOBILE ECOLOGICAL TOILETS

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BIOWC ME EUROPE



TECH. SPECIFICATIONS:

DIM.: W 1,10m X D 1,20m X H 2,40m
WASTES TANK 276 Lit
POWDER COLOURED STEEL 1,5mm
WEIGHT 280Kg
PACKING PALLET 1,10m X 1,20m X 2,40m
20 FEET CONTAINER 8 PIECES
40 FEET CONTAINER 18 PIECES

BIOWC ME ASIA



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BIOWC for INVALIDS



TECH. SPECIFICATIONS:

DIMENSIONS: W 3,00 m X D 2,00m
X H 2,30m
POWDER COLOURED STEEL 1,5mm
WEIGHT 600Kg



DELIVERY: READY TO USE

EQUIPPED WITH: HAND WASH FACILITIES, MIRROR, SOLAR LIGHT, SOLAR VENTILATOR, WIND VENTILATOR, PAPER HANGER, CLOTH HANGER



THE WIND AND THE SUN THE ENERGY SOURCE

The portable composting toilet BLOWC is created to provide sanitation where water is scarce, groundwater contamination poses a threat and where installation and maintenance costs need to be minimized

HOW IT WORKS

BLOWC processes human wastes biologically, functions without water, electricity, or sewage. Utilises atmospheric oxygen and solar energy (heat and radiation), with the aid of a wind ventilator and a solar ventilator, which works day and night. Both provide abundant oxygen to the wastes, do not permit the return of noxious vapours into the cabin, and render the toilet odourless.

The BLOWC unit consists of the septic tank for collection of the wastes, the ventilation - evaporation system, and the cabin.

In the septic tank, the wastes initially fall through the toilet hole first onto a metal surface. A swab moves back and forth over this metal surface with the movement of the door of the cabin. With each opening - closing of the door cleans the surface, so that the next user will not have visual contact with the wastes; in other words, it replaces the flush of a conventional Toilet.

MAINTENANCE

In the event liquids are permanently present on the metal surface, under the basin, means that the toilet needs to be serviced. Inside the cabin on the floor near to the door the toilet is equipped with a lid and from there can be emptied with a vacuum truck or from the valve on the backside of the tank.



Istinja Device

For cleaning oneself from faces after using the toilet, performing

istinja, we developed the istinja-device. This is a metallic construction that is equipped with a canister of 20 lit with a plastic pipe with valve.

ECOWC ASIA is equipped with istinja-device.



Mobile Hand Wash Basin MoBa

Health and Safety Executives emphasise the importance of the hand hygiene, especially after using a toilet. For this reason we developed and we are producing the mobile stand alone hand wash basin MoBa.

MoBa is a metallic construction that is equipped with a canister of 20 Lit for clean water and a canister also of 20 lit for collecting the wash water. The MoBa is placed in the cabin of the toilets, that we produce BLOWC.

Because this hand wash basin is autonomic, it can be placed in factories, schools, hospitals, churches, snack bars, and places where people are gathered. For better hand cleaning, the clean water should be diluted with 1% of ALCOSAN. This is the cleaner and disinfectant that we also produce.

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IDEAL FOR

Construction and various work sites- commercial, industrial, residential, etc.

Parks and recreation- parks, campgrounds, pools, private homes, etc.

Government agencies- military facilities, etc.

Sporting events- stadiums, auto races, golf tournaments, etc.

Outdoor public gatherings- concerts, festivals, fairs, weddings, etc.

Disaster relief- floods, fires, hurricanes and earthquakes

Permanent human settlement areas

ZEYΣ LTA

Inventor & Patent Holder

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CERTIFIED BY TÜV HELLAS
ACCORDING NSF/ANSI 41 USA



PATENT NR GR 1004242