



original

MOLOK®

by Veikko Salli

DEEP COLLECTION™

FROM INNOVATIVE IDEAS TO INTERNATIONAL BUSINESS

From Molok Ltd. founder Veikko Salli's innovative ideas, the Deep Collection System began. The overriding plan was to use a vertical design that allowed for two thirds of the container to be positioned underground. This ingenious design innovation gives many more benefits for users than the traditional waste management systems; more capacity, longer emptying intervals, improved hygiene, more convenient to use, and a space saving above ground profile.

From the beginning, Molok Ltd. has been dedicated towards product development. The first Molok containers were installed 15 years ago along highways, especially in rest areas, and most of these original containers are still in use today.

As with the highway application, Molok has been instantly successful in suburbs and other population centers. By the mid 90s, many suburbs were installed with paper, glass, and organic waste recycling systems. Most importantly, the residents preferred the new systems because of the consistent and long range benefits that they provided, a fact that has been later reinforced by many research study results.

The Molok Deep Collection System is now familiar in areas ranging from the Alps in Switzerland, to the highway rest areas in Germany and France, to the sprawling suburbs of Portugal.

Molok Ltd. has developed into an international company, and has kept its leadership role in the deep collection markets – without forgetting the individual needs of our customers.



USER BENEFITS



Economical

The Molok Deep Collection System reduces transportation costs because of the high collecting capacity, and weighing the waste is easy and accurate when lifting the bag. The product is durable and long lasting, and works extremely well in multiple household areas.



Space Saving

The vertical collection design saves space with 4-5 times more capacity than surface bins. Molok can be installed in the most space-limited areas, saving room for playscapes, parking, or other important considerations. Because of its shape and esthetically pleasing design, it fits anywhere.



Hygienic

The filling lid is light, easy to use, and closes automatically. Neither wind nor animals can disturb the waste, thus protecting the surrounding environment. The lifting bag is emptied from the bottom, precisely and accurately: a design that avoids spillage. With the vertical collection system, the older waste is always at the bottom of the container, where the coolness of the ground restricts bacterial growth and minimizes odors.



Safe

The Molok Deep Collection System is safe to use and safe to maintain. The locking mechanism on the filling lid increases safety and lowers fire risk. The emptying process is safe and free of such hazards as; heavy metal lids, sharp corners, unpredictable or malfunctioning wheels, slippery or unhygienic leakage, and concealing fences or corrals.

DEEP COLLECTION™

THE MOLOK FAMILY



Molok 300 l
Ø 600 mm



Molok 800 l
Ø 750 mm



Molok 1,3 m³
Ø 900 mm

LID LOCKING



BATTERY BOX



ORIGINAL PRODUCT BY VEIKKO SALLI



Molok 3,0 m³
Ø 1300 mm



Molok 5,0 m³
Ø 1700 mm

ALTERNATIVE FRAMINGS



Aluminium profile
Heat treated wood



Painted aluminium profile
AB pressure impregnated wood



Painted aluminium profile
Recycled plastic board



CityScape™

Litter bin for the parks and streets of the modern city environment.

CityScape is based on Molok's Deep Collection principles, and is designed to suit the modern city environment. Its overall design, including its shape, size, and construction materials, has been engineered to offer superior waste handling capability within a city environment.



Technical data:

- Plan dimensions 500 x 750 mm
- Capacity 500 liters
- Overall height 2000 mm, of which one meter is installed into the ground
- Openings on both sides
- Locked emptying lid
- Flange molded into the bins to ensure stability
- Many different decorative framing options

Lifting Container

Lifting containers are needed for two special situations when collecting waste:

- When the waste material contains a high percentage of liquid. For example; organic waste, or very wet waste from restaurants.
- Glass waste. With heavy waste quantities, please follow SWL restrictions when choosing the size of the Molok container to be used.

Construction:

One piece molded polyethylene main cylinder. Special double bottom system allows liquids to separate to the lower liquid collection compartment, allowing the option of removing the liquids before emptying the solid waste to the truck (normally, liquids go into the truck with the waste, requiring the truck cargo hold to be leak proof). Safe and easy to use remote trigger system allows the opening of the container - with a light pull of the rope - from a safe distance. One hook lifting does the emptying operation quickly.

Sizes:

- For M 5.000: 3.400 liters SWL 1.000 kg
- For M 3.000: 2.000 liters SWL 1.000 kg
- For M 1.300: 800 liters SWL 400 kg



REFERENCES



Insist on the original Molok

ORIGINAL PRODUCT BY VEIKKO SALLI

The innovative idea of Veikko Salli, founder of Molok Ltd., was the original inspiration for the Deep Collection System. As the company celebrated its 15 years of business, they introduced their new logo in order to better represent their product, which has developed to a point far superior to that of the original idea. Molok's original Deep Collection System was developed with the environment in mind (new improved Molok designs are unsurpassed in this regard); as the world's environmental concerns are matter of personal as well as global priority.



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