

ARCO CHIMICA and Aladin GT5 to the Amsterdam Innovation Award 2022



ARCO CHIMICA WAS NOMINATED FOR THE AMSTERDAM INNOVATION AWARD 2022 WITH THE ALADIN GT5, PROFESSIONAL DETERGENT WITH AUTOMATIC DILUTION SYSTEM



Aladin GT5 is an automatic detergent dispenser of super concentrated product to obtain the ready to use solution. Is the only system that allows to obtain a certain cost of detergents, because the dilutions of the products are managed by a software previously programmed according to the customer's needs.

Ideal solution for hospitals, offices, gyms, schools and universities and commercial activities in general. The goal is to bring customer attention to super concentrated product because is possible to benefit the reduction of warehouse, logistic costs, and by totally reducing packaging.

THE IMPACT THE SYSTEM IN CATEGORY HEALTH & HYGIENE

Never before has it been

essential to control and monitor the flow of consumption and related costs within structures that have always been exposed to waste of chemical products. The system guarantees that employees do not come into contact with concentrated chemicals.

Aladin allows a certain cost of cleaning, compared to the traditional way. ARCO CHIMICA believes that the Aladin GT5 has a strong impact in terms of safety. The product range offers the opportunity to develop a 360 ° green cleaning plan thanks to Ecolabel certified and zero impact products.

What is the innovation? Aladin represents a more singular challenge in the context of a market characterized by risks for the operator and uncontrolled consumption.

It was created with the aim of providing a highly technological and safe solution in the cleaning sector.

It is a safe and automated cleaning system for the operator since the correct dilution of the product, guaranteed by the system, allows an improvement or elimination of the danger symbol from super concentrated detergent to ready-to-use product. Aladin system aims to optimize the dilution and use of detergents.

ABOUT ALADIN GT5

Aladin is an automatic detergent dispenser that aims to optimize and control the dilution and use of detergents. It allows, in fact, a targeted assessment of consumption according to all the cleaning operations planned on construction sites, for each operator and for each

product. Aladin is the only system that allows you to obtain a Certain Cost of cleaning.

Advantages

- Consumption control
- Monthly cleaning fee
- Reduction of chemical product costs
- Zero chemical risk for operators
- Staff training
- Reduction of chemicals stock
- Remote reporting and traceability of the consumed Environmental Improvement Report
- Emergency assistance
- Complete product range Food - Ecolabel - Hotel

The best solution for: Hospitals, Schools and universities, Nursing homes, Gyms, Business, Office, Medical practices.

SYSTEM SERVICES JUST A CLICK AWAY

Pre analysis: it allows the preventive calculation of the monthly fee of the detergent and the assignment of the monthly quantity of product per operator.

Configuration: the Aladin dispensing system is equipped with a USB port where it is possible to upload configuration files with the setting data of the disbursements to be made. The dosages are guaranteed with the help of an electronic scale. Remote control in real time.

Web Platform: Aladin's web platform allows remote control of the consumption of the products dispensed. Thanks to this system, the company has the possibility to remotely verify the status of the site's consummate.



SITE SIMULATION WITH ALADIN DETERGENT SYSTEM



WHY THE ALADIN SYSTEM IS SAFE?

It is a safe cleaning system for the operator because of the correct dilution of the product, guaranteed by the system, allows an improvement or elimination of the danger symbolism from super concentrated detergent to ready-to-use product.

1. Highly concentrated product. Placed in the canister compartment with closure or inside the machine warehouse. Danger symbolism present in sds.
2. Dilution of the highly concentrated product

thanks to charged the Aladin machine, according to the programmed dilution.

3. Ready-to-use product used by the operator. Improvement or elimination of the danger symbology present in sds.

Ecolabel certified site cleaning service: the service company that uses the Aladin Ecolabel system and products is facilitated in undertaking the Ecolabel certification process of the cleaning service within a specific construction site.

ALADIN PRODUCT RANGE

The dispensing takes place through an RFID badge supplied to the operator. The machine works only with products from our range, thanks to a label positioned on the super concentrated product tank, which allows Aladin to work.

PLASTIC FREE IMPACT

Save 33.6 kg of plastic every year, equal to 210 jerry cans.
-80% plastic not used

ENVIRONMENTAL IMPROVEMENT GENERATED BY THE SITE

Reduction of electricity consumption:

-0,64 kW/h

Reduction of CO2 into the air:

-60,48 gr

H2O not used:

-106,85 lt

Unused cardboard packaging:

-12,1 kg

Unused bottles and jerry cans:

-33,6 kg

SITE SIMULATION WITH ALADIN DETERGENT SYSTEM

TYPE OF INTERVENTION	FREQUENCY	Tank/month Aladin	Tank/month Aladin	Tank/month trad	Tank/year trad
Floors	5 of 7 day	1.45	18	8.7	108
Furnishings	5 of 7 day	1.31	16	7.86	96
Toilet	5 of 7 day	0.66	8	3.96	48
Others	5 of 7 day	0.65	8	0.65	8

ALADIN GT%		Tanks / year Aladin	Site type
Weight	49 kg	50	Office building
Height	128 cm		
Width	67 cm		
Depth	30 cm	Tanks / year Aladin Trad.	Square meters
Capacity	4 Taniche	260	5000 mq
Bottle filling time	30"		