



CASE STUDY

GRANULDISK POT WASHING AT GUNDEL RESTAURANT, PART OF DANUBIUS GROUP, BUDAPEST, HUNGARY.

WATER SAVINGS OF
81%

GRANULDISK®

JUST ADD LESS WATER.

QUICK SUMMARY.

Before:

- Manual pot washing in sinks
- Using 3 679 litres of water daily

After:

- Granule pot washing with a Granule Flexi®
- Using only 700 litres of water daily

Results:

- **81%** water savings
- Saving 1 087 179 litres of water annually
- Improved working conditions for the staff and a better work flow



THE SITUATION BEFORE.

Gundel restaurant is a well-known restaurant that opened the doors 125 years ago at the heart of Budapest. Their rich culinary heritage has earned an international reputation, and is one of the nation's pride in gastronomy. A premium destination where you find traditional dishes and elegant Hungarian cuisine.

Gundel is managed and operated by Danubius Hospitality Group. A group that brought Hungary its own local chain of hotels.

The CEO at Danubius Group, Balázs Kovács, thirst for innovation led him to discover Granule Technology™ from Granuldisk. Right after seeing the product brief, he saw an opportunity to reduce water wastage while improving their operations.

Before the trial of a Granule Flexi® from Granuldisk, Danubius was performing manual pot washing in a 3-bowl sink that caused a typical pot wash scenery: a constant flow of water running, a built-up clutter of utensils, and the soaking and scrubbing of pots and pans. This led to slippery wet floors which was considered a safety risk for the staff.

The trial was started and the group's Technical Director Mr. Máté Végh oversaw the trial operations in cooperation with Coninvest, partner of Granuldisk. The goal was to confirm and evaluate the efficiency of the new solution towards their old washing method. Flowmeters were installed and Mr. Végh checked them daily.



THE SITUATION AFTER.

In September 2018, a Granule Flexi was installed in Gundel's pot washing area that handled pots and pans from the restaurant's 1 000 hot meals per day. The team from Coninvest, and a Granuldisk representative from Sweden, held a weeklong training for the pot washing porters who quickly learned how to charge and discharge the machine efficiently. The daily hot water consumption dropped drastically from 3 679 to 700 liters.

The solution from Granuldisk performed according to the plan and reduced water, energy, and chemical consumption drastically. Leading to a decision from Danubius Group to purchase and install 20 machines in their various hotels during 2019.





Joyce Mattmann from Granuldisk and Mirjam Kertész from Coninvest together with Balázs Kovács, CEO of Danubius Group.



“There is a vast improvement in our restaurant operations and the feedback from the staff has been positive. Granuldisk’s unique features enabled us to generate income on a daily basis since it reduces our operational expenses. It’s a worthy investment. By promoting sustainability, it saves us money by reducing spending and waste. It helps our environment. And it also gives us a public relations advantage over competing operations that don’t care about efforts to be “green”.

I saw the results from the trial machine at exclusive Gundel Restaurant (owned by Danubius) and I realized the saving we could make in terms of both workforce and water/energy consumption. Not to mention hygiene, and the amount of time that can be saved daily. The machines from Granuldisk are working quick as lightning and uses a minimum amount of chemicals, and the sight of the spotless dishes are rather convincing. The statistical figures from the trial machine really flabbergasted Danubius Executives.”

Mr. Balázs Kovács, CEO, Danubius Hotel chain



“We have saved an enormous amount of water, which means that we’re using our water supply wisely and that we’re being responsible. The 3-bowl sink can take a back seat after 100 plus years of usage. With Granuldisk our staff can accomplish a lot in less time. It’s a great tool to have in our kitchen. ”

Mr. Máté Végh,
Restaurants Technical Director

WATER CONSUMPTION

(for pot washing per annum)

Before: 1 342 679 litres After: 255 500 litres

Savings:
2 273 €



WATER SAVINGS OF

81%

ENERGY CONSUMPTION*

(for pot washing per annum)

Before: 46 770 kWh After: 11867 kWh

Savings:
4 367 €



ENERGY SAVINGS OF

75%

CHEMICAL CONSUMPTION

(for pot washing per annum)

Before: 2 014 litres After: 460 litres

Savings:
982 €



CHEMICAL SAVINGS OF

77%

*Consumption calculated from water consumption.

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Book a free Live Wash demonstration and experience the Granule LIVE. Scan QR, visit www.granuldisk.com or contact your local partner for more information.



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Granuldisk pot washing machines use PowerGranules[®], water and a small amount of detergent to **mechanically scrub pots and pans clean**. The blasting power combined with high temperatures washes hygienically clean in a matter of minutes, **using in average 70% less water, energy and chemicals than any other pot washing methods**.

A smart, sustainable and economic solution – eliminating pre-washing.

Granuldisk pot washing machines are a Swedish innovation which have been on the international market since 1987.

