



CASE STUDY

GRANULDISK POT AND PAN WASHING  
AT FAIZER AMICA, KÄVLINGE, SWEDEN.

**WATER SAVINGS** OF

**54.5%**

**GRANULDISK®**

# JUST ADD LESS WATER.

## SHORT SUMMARY.

### Before:

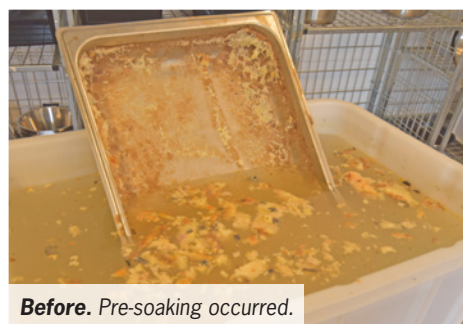
- Used a tunnel machine + a granule pot washer of another make
- Used 2,493,361 litres of water annually

### After:

- Major savings in terms of both water and chemicals
- They save 1,358,893 litres of water annually

### Result:

- **54.5%** water saving
- Perfectly sanitised pans
- Annual savings estimated at 401,856 kr (including personnel costs)
- Improved ergonomics and 2-hour time saving per day.
- Reduced carbon footprint



**Before.** Pre-soaking occurred.



**Before.** Unsatisfactory washing result.



**After.** Water and chemical savings, better ergonomics and cleaner dishes.

## THE SITUATION BEFORE.

At Fazer Amica in Kävlinge, Håkan Björk, Production Manager, wanted a better solution in the pot washing area. He was of the opinion that the staff spent too much time washing. Time that would be better spent on income-generating activities, such as preparing and packing the 4,000 portions they make on average every day.

What's more, he was unhappy with the washing results.

*"It's simply not clean enough."*

The staff had to wash the pans several times on long programmes, and often the dishes had to be pre-soaked.

Granuldisk took on the challenge and offered a free trial of the No Pre-washing Concept™.

Before the test, Fazer used a tunnel machine for pot wash and dishwashing, and a granule pot washer of another make.

The trial stretched for 120 days in total, measuring water consumption before and after the installation of a Granule Maxi pot washer, and a combined pot and dishwasher - Granule Combi.

## THE SITUATION AFTER.

*"When Granuldisk offered us the trial period I never thought there could be such savings in terms of chemicals, water and time spent doing the dishes that we have achieved," says Håkan Björk, who continues:*

*"We are of course very satisfied and have now invested in both a Granule Combi and a Granule Maxi."*

Production manager Janina Rubbi is also positive towards the new solution:

*"We think this is great. The pots and pans are clean and ergonomics have improved. It's also easier to maintain and clean the machines, which saves us hours in the pot washing area. The dishwashing room has also become more spacious and less cluttered."*

For kitchen assistant Patricia Lucia Horváth, the new solution has resulted in her no longer having pain in her hands.

*"Our previous solution was not as effective, which resulted in us leaving the dishes overnight. Food scraps dried up and we hurt our hands scraping them off."*



“Before we tested the Granuldisk solution, I never thought the savings would be this good. We’ve seen excellent results in terms of reduced chemical, water, and energy consumption, in addition to the time-saving. It benefits both us and the environment, which feels good.”

Håkan Björk, Production Manager



“The washing result has never been as good, and the solution is ergonomically better for the staff. We have completely stopped pre-soaking, and spend significantly less time washing pans.”

Janina Rubbi, Production manager

“Our previous solution was not as effective, which resulted in us leaving the dishes overnight. Food scraps dried up and we hurt our hands scraping them off. Our new machines are far more effective. Now we manage to wash everything before we go home, and we no longer have pain in our hands. The dishes are also cleaner than ever.”

Patricia Lucia Horváth, Kitchen assistant



### Fazer's environmental goal - "Good for the environment"

Under the slogan “Good for the environment” Fazer - in close partnership with both suppliers and customers - actively work to achieve the publicly stated environmental goals to reduce their impact on climate change. The new and environmentally friendly pot washers from Granuldisk help Fazer a step closer to the goal.



### WATER CONSUMPTION

(for pot wash per year)

Before: 2,493,361 litres      After: 1,134,468 litres

Cost before: 3,805 €      Cost after: 1,731 €



WATER SAVINGS OF

# 54.5%

### ENERGY CONSUMPTION\*

(for pot wash per year)

Before: 43,040 kWh      After: 38,539 kWh

Cost before: 2,092 €      Cost after: 1,873 €



ENERGY SAVINGS OF

# 10.5%

### CHEMICAL CONSUMPTION\*

(for pot washing per annum)

Before: 2,471 litres      After: 1,328 litres

Cost before: 50,190 €      Cost after: 26,965 €



CHEMICAL SAVINGS OF

# 46.2%

\*Consumption based on water consumption.

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2 MIN

Granuldisk pot washing machines use PowerGranules<sup>®</sup>, 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.

**GRANULDISK<sup>®</sup>**