



*"We wash dishes
with a smile on our
faces every day."*

Gunilla Olsson, Kitchen manager

Case study

A new era of pot and pan washing at
Söderskolan (school customer) in Falkenberg,
Sweden, as they tried out the new

X5 Granule and reported
48% water savings

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Söderskolan in Falkenberg municipality

The Söderskolan in the south-west of Sweden is a rural primary/middle school. It has approximately 200 students and the kitchen prepares about 350 meals daily on site. The kitchen is operational 200 days per year, and the school also serves as an after-school centre/daycare facility.



Quick summary

350 meals prepared per day.

Before:

- Similar granule type combined pot, pan and dish-washer
- Using 264 liters of water daily

After:

- The X5 Granule installed for a three month trial
- Using 138 liters of water daily

Results:

- 48 % water savings
- Saving 25 200 liters yearly
- Improved working conditions with easier to load basket and auto-clean function.
- Projection to save even more as they are not using the tunnel dishwasher anymore on school holidays or days with few guests.

Prior to installing the X5 Granule

X5 Granule is a new model from Nor:disk. When we needed field test sites, we chose to approach the municipality of Falkenberg as we previously have not been successful with our combined pot and dishwash models there.

The challenge was to exceed their expectations in terms of serviceability, ease of use and operational consumption.

The kitchen had a potwasher from a competitor brand, which they were happy with; however, we spotted a few issues with the installation of adjoining tables, resulting in having to lift the loaded wash basket into the machine.

We also hoped they would enjoy the new touchscreen user interface as well as the improved multifunctional Pro wash basket.

Results and findings

The before and after pictures do not show a great difference at first glance. However, there is a big leap in usability and savings. The auto-granule collection and auto-clean assist the user in washing the granules and the interior of the machine before it shuts down at the end of the day. Staff also praised not having to lift the wash basket into the machine. Now it just slides in and out effortlessly.

Staff also enjoys the new user interface as well as the foot pedal starter. The user interface was designed so that new staff could easily learn to operate the X5 Granule.

Water and energy metres show significant savings, which is duly noted by the technical staff with the municipality and validates their choice to purchase the machine.



“Staff is happy and we make good savings in resource consumption. We have made a good choice.”

Christofer Axelsson,
Catering service repair
unit Team leader



“We want to have this machine forever. We don't have to waste time collecting the granules. The machine cleans the granules and itself with the auto clean program.”

Gunilla Olsson,
Kitchen Manager



“We estimate to be using 25 % less chemicals compared to the previous machine”

Gunilla Olsson,
Kitchen Manager

Going forward

When the test concluded, the kitchen staff did not want to switch back to their previous model. It will be reassigned to another site as it was practically brand new. And the municipality has already placed another order for a X5 Granule.

Furthermore, the kitchen is no longer operating the tunnel dishwasher on days with few students present, thus saving even more energy and water. The X5 Granule with its combi-washing functionality can easily do all their washing up on a slow day.

Water savings

48%



(for pot washing per year)

Before: 52 900 litres
After: 27 700 litres

Contributing to UN SDG goals:



Energy savings

30%



(for pot washing per year)

Before: 3041 kWh
After: 2135 kWh

Contributing to UN SDG goals:



Let Nor:disk contribute to your goals

Granule ware washing technology from Nor:disk has many advantages, but the one we are most proud of is the sustainable effect it has on our planet. We as a company put a lot of effort and resources into lessening our own impact, and hopefully you are doing the same. When buying one of our solutions you reduce your footprint, and contribute in many ways according to the UN Global Sustainable Development Goals – you are one step closer to achieve your environmental goals.



Convince yourself Book a demo

Book a free Live Wash demonstration and experience the technology live. Scan the QR, visit www.nordiskclean.com or contact your local dealer for more information.



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Pure Performance™

Granule pot washing technology by Nordisk Clean Solutions 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.

Nordisk Clean Solutions Granule Technology™ is a Swedish innovation and has been on the international market since 1987.

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