



CASE STUDY

GRANULDISK POT AND PAN WASHING AT SPRINGLEAF PRATA PLACE, SINGAPORE

50%

LESS WASHING-UP PER DAY

GRANULDISK®

JUST ADD LESS WATER.

QUICK SUMMARY.

Before:

- Manual pre-washing and washing in a pot washer
- Using in average 2,032 litres of water daily

After:

- 62 cycles daily with a Granule Smart®
- Using only 1,070 litres of water daily

Results:

- 47% water savings
- Saving 300,050 litres of water annually
- Improved productivity and work conditions



THE SITUATION BEFORE

Springleaf Prata Place washes 310 GN pans each day.

Before the trial of a Granule Smart from Granuldisk, the pots and pans were manually pre-washed in sinks and then rinsed with a water hose, using a lot of flowing water to remove tough burnt-on food and gravy. Finally the wash ware was sanitized with a water-based pot washer. This was time-consuming and created a lot of waste in water and chemicals.

The water consumption in the wash areas (pre-wash and pot-wash areas) was measured before the Granule Smart from Granuldisk was installed in order to have a baseline for the comparison.

About Springleaf Prata Place

Springleaf Prata Place is your one-stop family restaurant for delicious Indian food.

They are Halal caterers who can make prata at your venue and catering for all occasions. Springleaf Prata Place offers various varieties of foods like prata, thosai, noodles, murtabak, and set meals. One of their specialties is their famous "Chicken Floss Prata".

Springleaf Prata Place currently has nine outlets in different parts of Singapore.

ARE YOU SANITISING OR JUST CLEANING? LEARN THE DIFFERENCE.

CLEANING:

- + Process that removes food, scraps, and grease from pots, pans, utensils etc.
- + Detergent often pH neutral - inefficient elimination of germs, bacteria, and other microorganisms.
- + Temperatures 40-45 °C - inefficient elimination of germs, bacteria, and other microorganisms.

SANITISING:

- + Process that eliminates germs, bacteria, and other microorganisms. An absolute necessity for anything that has been, and will be, in contact with food, to avoid cross-contamination.
- + Achieved through high temperatures, using steam or hot water (above 85 °C).
- + Achieved through chemical sanitization - alkaline detergents and chemicals, pH around 11.



Springleaf
PRATA PLACE



THE SITUATION AFTER

Today Springleaf Prata Place runs their new Granule Smart about 62 wash cycles daily. With almost half the amount of water, time and energy consumed, the savings are substantial.

Tough pre-washing in sinks is now a thing of the past and without the need for soaking and scrubbing, the staff can focus on other tasks. Before, the daily ware washing routine was managed in 5.2 hours. Today, this is easily solved in 2.6 hours with completely sanitized wash ware as a result.

“My only regret about Granuldisk is that we did not get it earlier!”

Mr S.V. Gunalan, founder of Springleaf Prata Place



SDGs - SUSTAINABLE DEVELOPMENT GOALS.

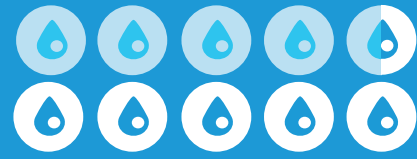
In 2015, world leaders agreed on 17 global goals officially known as the Sustainable Development Goals, in short SDGs. These goals have the power to create a better world by 2030 by ending poverty, fighting inequality and addressing the urgency of climate change. Guided by these goals, it is now up to all of us - governments, businesses, civil society, and the general public - to work together to build a better future for everyone.



WATER CONSUMPTION

(for pot washing per year)

Before: **633,984 litres** After: **333,933 litres**



WATER SAVINGS OF

47%

6 CLEAN WATER AND SANITATION



13 CLIMATE ACTION



CHEMICAL CONSUMPTION

(for pot washing per year)

Before: **98 litres** After: **78 litres**



CHEMICAL SAVINGS OF

20%

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



14 LIFE BELOW WATER



13 CLIMATE ACTION



6 CLEAN WATER AND SANITATION



MAN HOURS

(for pot washing per year)

Before: **1,622 hours** After: **806 hours**



MAN HOUR SAVINGS OF

50%

8 DECENT WORK AND ECONOMIC GROWTH



*Consumption calculated from water consumption.

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CONVINCE YOURSELF. WASH THEM LIVE.

Book a free Live Wash demonstration and experience the Granule LIVE. Scan QR, visit www.granuldisk.com or contact your local GRANULDISK dealer 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.

