

Forsi Solids Separation Screen

The Forsi sloping screen has been specially designed and constructed for New Zealand's harsh environment. Designed perfectly to suit all dairy farm requirements.

- * High quality 304 grade stainless construction.
- * .5MM Wedge wire screen.
- * Screen curved for optimal angle for efficient share action to separate solids.
- * High flow rate of up to 120m³ per hour.





Self Cleaning

The screen is equipped with a self cleaning mode. This is initiated when the sump pump supplying the screen from the holding pond turns off; after a short delay the wash system starts and washes the screen for 3 minutes. By washing the screen straight after the flow of effluent has ceased, enables the efficiency of the screen surface to stay optimal at all times.

Platform

The screen unit comes with a Galvanised walkway platform.

The unit has channelled feet that are designed for ease of transport; these enable the use of a forklift or loader for lifting.

These channel feet are used to fasten and lock the unit to the platform. The platform is bolted to the concrete bunker wall.



Why install a solids separation system?

A solids separator minimises the need for agitation in sumps and reduces the likelihood of blockages in pumps and pipes.

They reduce the rate of sludge accumulation in ponds. Together with the reduction in volatile solids loading to the pond this allows smaller ponds to be built or extends the cleaning interval of existing ponds.

They allow the use of conventional irrigation equipment for distribution of effluent from adequately sized ponds.

They concentrate organic matter for direct application to pasture, composting or cost effective transportation off-site.



How do you choose what is the right separation method for your farm?

Key things to consider are:

1. Volume that the separation method will need to handle per hour.
2. Size of the solids that you wish to remove.
3. The amount of moisture that you need taken out.
4. Availability of power.

