

Dissolved Air Flotation (DAF) Units

Siltbuster's new Lamella DAF Units are ideal for removing solids, particles, fats, oils and greases of positive or near neutral buoyancy from waste water streams. Using established solids/liquid separation technology, the DAF units generate "whitewater", a solution which contains dissolved air under pressure. When the pressure is released, the microfine air bubbles come out of solution.

Solids and other particulates preferentially attach to the tiny air bubbles and are forced to rise to the surface of the DAF unit where they are collected, thickened and removed by a motorized scraper. Treated water can then be reused or discharged off site as necessary.

Why Choose a DAF Unit from *Siltbuster*?

- Unlike conventional systems, the *Siltbuster* DAF units incorporate lamella plate technology which increases the effective area of the unit by a factor of 5 along with the performance
- A multi-phase side channel pump generates the "whitewater" in the unit and eliminates the need for a separate compressor and air saturation vessel – just plug in the power and start the operation
- *Siltbuster* Lamella DAF units are compact with a significantly smaller footprint than most conventional units and are easily transportable
- All units can be provided with integral access platforms and as a stand alone unit or as part of an equipment package with Chemical Dosing Systems, Pipe Flocculators etc.
- Whether it's for food processing, environmental remediation or municipal waste water treatment – *Siltbuster* can customise a solution for you.

Hire a DAF Unit – Process Solutions at your finger tips

A range of standard units are available from our extensive hire fleet to meet short term treatment requirements, for pilot trials, or for site demonstration of the system prior to the purchase of a larger or bespoke system.

Still using Stainless Steel?

For many years, stainless steel has been the material of choice for DAF units and effluent treatment plant components, but in times of ever decreasing budgets and higher steel prices many are looking for an alternative.

With the benefit of new advances in paint technology, we can at last offer an alternative for the industrial waste water sectors to reduce capital equipment costs, payback periods and supply chain leadtimes.



"Come and talk to us about what we can do for you!"