

Closing the loop on food waste

We exist to help you reduce food waste and cut emissions to create a better tomorrow.



The Process

How it can help your business & the environment

BIOFEED is an easy-to-use system that allows businesses to manage food waste in a sustainable, environmentally friendly, and reliable manner.

The simple and proven solution for food waste management.



1 SORT

Food waste is collected on-site and separated by staff. This separation includes removing contaminants such as plastic bags, rubber bands, cutlery, shells or husks to ensure the efficiency of the machine.



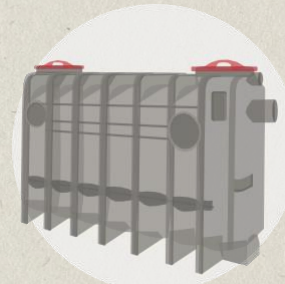
2 LOAD

Once collected, food waste is transported to the Biofeed machine in a convenient location.



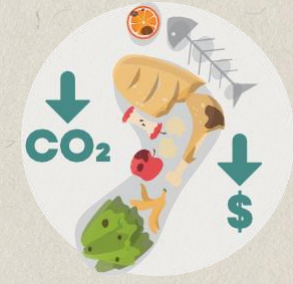
3 PROCESSING

Food waste is processed into a semi-solid liquid inside the Biofeed machine before being pumped into the Biofeed digestion tank with each cycle taking only 35 seconds!



4 DIGESTION

The food waste that is pumped into the Biofeed tank is then digested using the Sydney Water approved microbial solution - bio-EZ



5 REDUCE

The food waste has been successfully diverted from landfill in a sustainably responsible manner.

With the touch of a button, your business can reduce its carbon footprint as well as your operating costs.



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The Features

Benefits of the System



Businesses

Any business that generates a commercial amount of food waste can benefit from Biofeed. From the accommodation industry, small, medium and large food businesses, large fast-food franchises to hospitals, nursing homes, clubs, hotels and supermarkets. If your business generates food waste, Biofeed can provide an environmentally and cost-friendly solution.



Machine Capacity

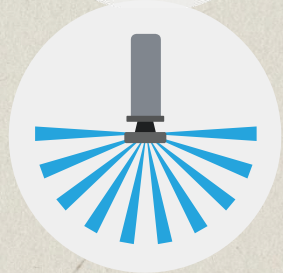
Up to 80L of food waste is deposited into the Biofeed for processing at a time. The Biofeed can process up to 1,100L of food waste in 20 minutes for high volume clients. Output volume for each cycle is dependent on the type of food waste and will vary from user to user.

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Closing the loop

Here is where Biofeed is different. Our patent-pending Biofeed waste treatment process digests the waste by using our Sydney Water approved separation and microbial system with no further grease separation required. Discharged water has never been cleaner!

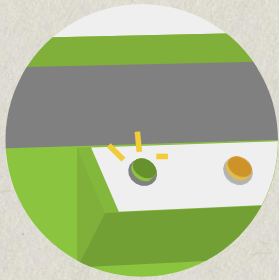


Water Usage

The Biofeed uses a fine water mist delivery system to ensure water usage remains low. The machine has variable water control systems which can be adjusted to suit individual clients needs. A metering system ensures the minimum amount of water is used per cycle.

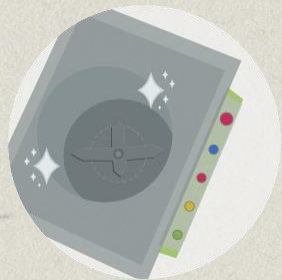
More Features

Benefits of the System



Easy To Use

Biofeed is operated at the touch of a button. Simply fill the hopper (removing any contaminants such as cutlery or corn husks) and push the start button. The lid will automatically close and start the cycle. If required, the cycle time will extend using advanced software programming to ensure maximum efficiency and processing.



Cleaning

Biofeed is easy to clean and comes with a wash down hose to use at the end of each day. This makes the machine a safe and hygienic alternative to traditional bins for your kitchen.

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Hygienic

Biofeed is a sealed food waste management system, meaning your garbage disposal area has a reduced risk of food odour and pest infestation. By reducing the volume of food waste in your business, Biofeed helps you save space and provides a sustainable method of dealing with food waste.

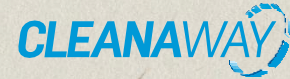


Service/Support

All Biofeed systems come with initial staff training, operations manuals and ongoing support.



Customers



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About

Biofeed, an innovative Australian Made product proudly contributing to closing the loop on food waste.

BIOFEED is a safe, reliable, secure system that closes the loop on food waste. Biofeed reduces the volume of waste stored on-site and lowers the cost of food waste disposal while providing long term social and environmental benefits

Biofeed provides waste management companies with an in-house option for processing organic materials, allowing for a holistic waste management program under one provider for end-users rather than dealing with multiple contractors.



APOLLO ENGINEERING is the OEM of Biofeed. With over 20 years of experience in the manufacturing industry, Apollo has an advanced manufacturing facility located in Tamworth NSW. With over 40 staff our clients including BHP, Westrac, Emeco, Hastings Deering, Hitachi, Komatsu, Rio Tinto, Cleanaway, Remondis and more

Apollo Engineering Works closely with waste management companies in the design and development of their equipment. Apollo and Biofeed are at the forefront of innovation, providing quality Australian made machinery and service.

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For more information

1300 552 460

info@bio-feed.com.au

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