

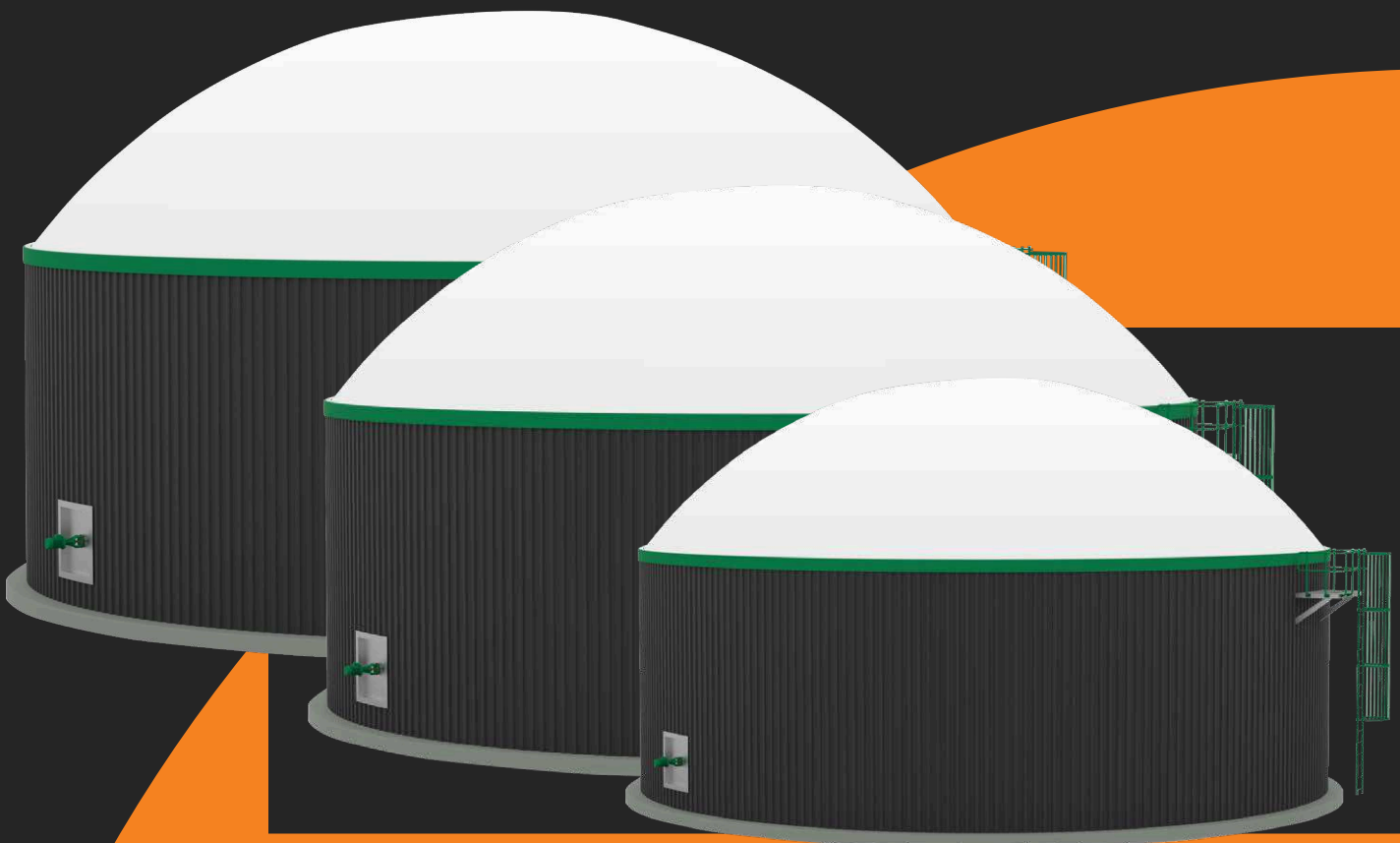
FLEX

DIGESTERS

IDEAL FOR

- Food and beverage manufacturing
- Military bases
- Remote communities
- Mine Sites
- Pulp and paper mills
- Agriculture
- Wastewater treatment facilities
- Large industrial food manufacturers
- Dairy producers
- Breweries
- Upgrading and integrating with current operations

Introducing the FLEX range of Biogas Digesters a game changer for those facing waste challenges and in need of a reliable energy solution. Choose innovation that works, support Australian ingenuity, and empower your operations to protect our environment.



MAXIMUM BIOGAS PRODUCTION

The Flex solution is fully scalable, innovative, and compliant to Australian standards.

The Flex Digester range can be easily integrated with your current biogas plant or combined with other parts of the Finn Biogas product range. You might simply need an additional digester to expand your operations – talk to us about how we can integrate a FLEX digester with minimal disruptions to your business.

Available in 9 sizes, The Flex Digester system is a game changer in achieving carbon neutrality, responsible waste management and reducing your waste disposal costs.

SIZES AVAILABLE								
20 m ³	50 m ³	100 m ³	250 m ³	500 m ³	1000 m ³	2000 m ³	3000 m ³	5000 m ³



FLEX

DIGESTERS

FEATURES

- Manufactured from high-grade, corrosion resistant, stainless steel.
- Full insulation and cladding.
- Double membrane gas storage
- Internal heating.
- Process control.

BENEFITS

- Operational flexibility
- Diverts organic waste from landfill.
- Reduces odours and GHG's into atmosphere
- Produces a nutrient rich fertiliser product
- Recovers and promotes re-use of water onsite.

SUITABLE WASTE STREAMS

- Meat waste
- Manure
- Effluent & biosolids
- Energy crops
- Fruit & veg waste
- Dairy waste
- Bread & bakery waste
- Rice & grains
- Expired goods
- Agricultural waste
- Food & beverage factory waste

FLEXIBLE

- Supports the utilisation of various feedstocks.
- Available in a variety of sizes.
- Scalable

ROBUST

- Stainless-steel tank is corrosion resistant and promotes longevity.
- High quality valves, instrumentation, components & equipment
- Engineered and built in Australia.
- Compliant to AS/NZS standards

EFFICIENT

- Enables optimised mixing conditions.
- Instrumentation operates with minimal energy consumption.
- Reduces expenses related to waste disposal.

DATA

Waste throughput	200t - 60,000t/ year per digester
Energy recovered	Biogas which can be used to generate electricity, hot water or biomethane
Technology	CSTR (Continuously Stirred Tank Reactor)
Installation	On-site Construction