

Omnivore®

High Solids Anaerobic Digestion



Key Benefits

- **3x Existing Digestion Capacity in the Same Footprint**
- Limited Footprint for New Digesters
- Reduced Capex and Lifecycle Costs
- Easy Operation and Maintenance
- Enables Co-digestion of Multiple Feedstocks
- High Operational Control and Flexibility
- Enhanced Biogas Production via Increased Capacity



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Anaergia Solution

Omnivore® is a high solids approach to digestion which incorporates Anaergia's advanced mixing and robust thickening systems to turn a low-solids digester (2 to 3%) into a high-solids digester (5 to 8%).

Co-Digestion Made Easy: Omnivore® enables co-digestion of local organic waste streams, generating additional revenue and making plants energy positive.

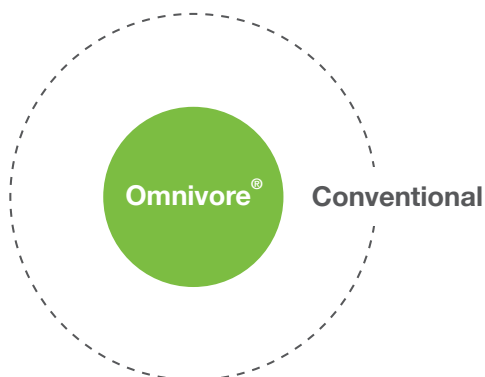
Improved Performance: Omnivore® offers operational control and flexibility. Easy maintenance includes the ability to adjust mixer position to break up floating layers and re-suspend grit, and access without taking the digesters out of service.



Applications

- Enhance digestion capacity in existing municipal wastewater treatment facilities
- Anaerobic digestion, reduced footprint for new plants
- Co-Digestion of additional feedstocks such as FOG, food waste, SSO, organic fraction of municipal solid waste, high strength industrial waste
- Anaerobic digestion of industrial wastewater
- Production of Class A Biosolids
- Retrofit compatibility with different AD tank and roof configurations

Reduced footprint, lower lifecycle cost:



Omnivore® vs Conventional Digestion:

	Omnivore®
Capex	↓
Opex	↓
Heat Demand	↓
Power Demand	↓
Dewaterability	=
Operational Complexity	=
Capacity Flexibility	↑
Feedstock Flexibility	↑