

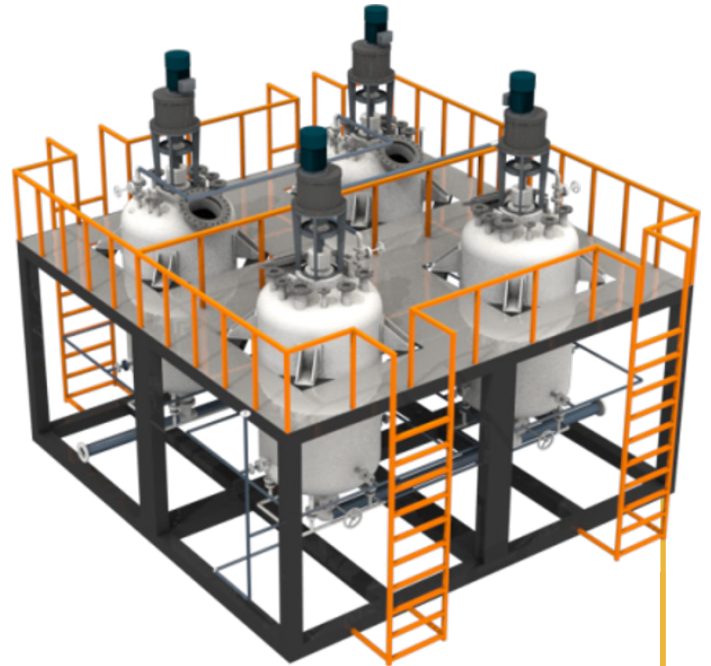


Integrated Thermal Hydrolysis Process for

SLUDGE MINIMIZATION

Draco Thermal Hydrolysis is a chemical-free process for shrinking sludge volumes and boosting biogas production, saving on sludge disposal costs.

Draco's patented multi-steam spargers and agitator provide more even heat distribution and transfer, allowing for increased efficiency and energy savings regardless of whether or not your facility has anaerobic digestors.

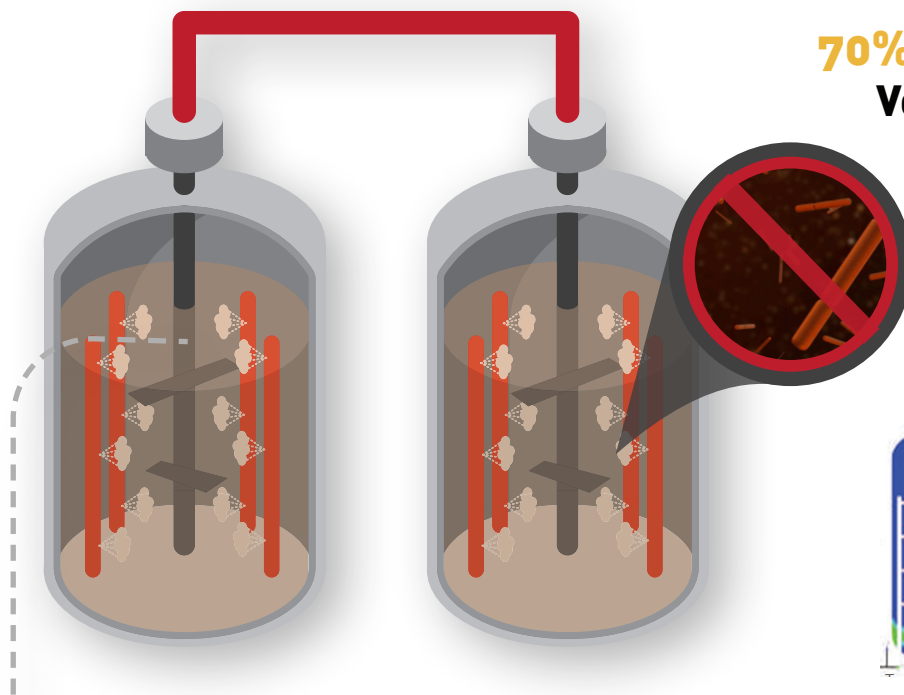


Achieves **CLASS-A STATUS**

70% REDUCTION in Sludge
Volume After Dewatering

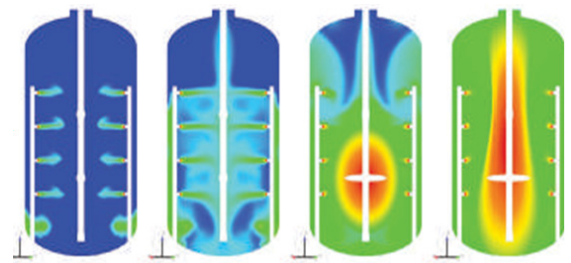
26% INCREASE
in Biogas Production

MINIMIZES Odors



Central agitator boosts heat transfer and helps maintain a homogeneous state within the reactor.

Patented spargers and agitators allow feeding of concentrated sludge up to 22% dry solids.



Even distribution of heat energy within the reactor allows for processing of more concentrated sludges and eliminates unnecessary dilution.

Advantages of Draco Thermal Hydrolysis

IMPROVE DEWATERABILITY

Draco uses only temperature and pressure to breakdown cell walls, releasing trapped water for improved dewatering.

REDUCE OFFTAKE COSTS

Draco can reduce sludge volumes by a minimum 70% after dewatering and up to 85% after drying, resulting in lower offtake and transportation costs, reduced tipping fees, and increased sustainability.

INCREASE BIOGAS PRODUCTION

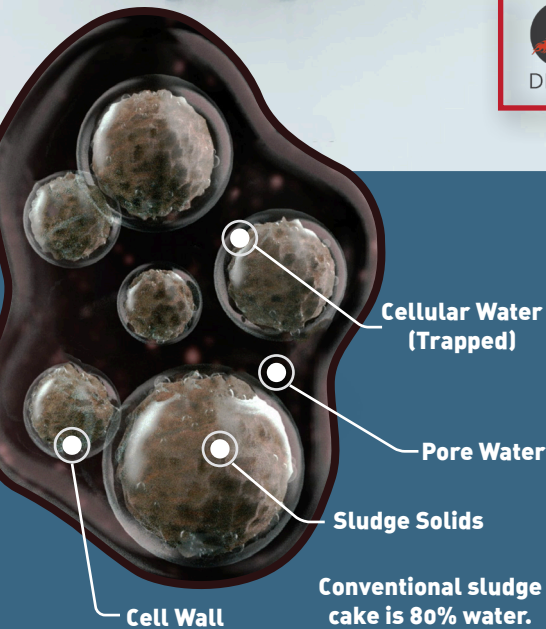
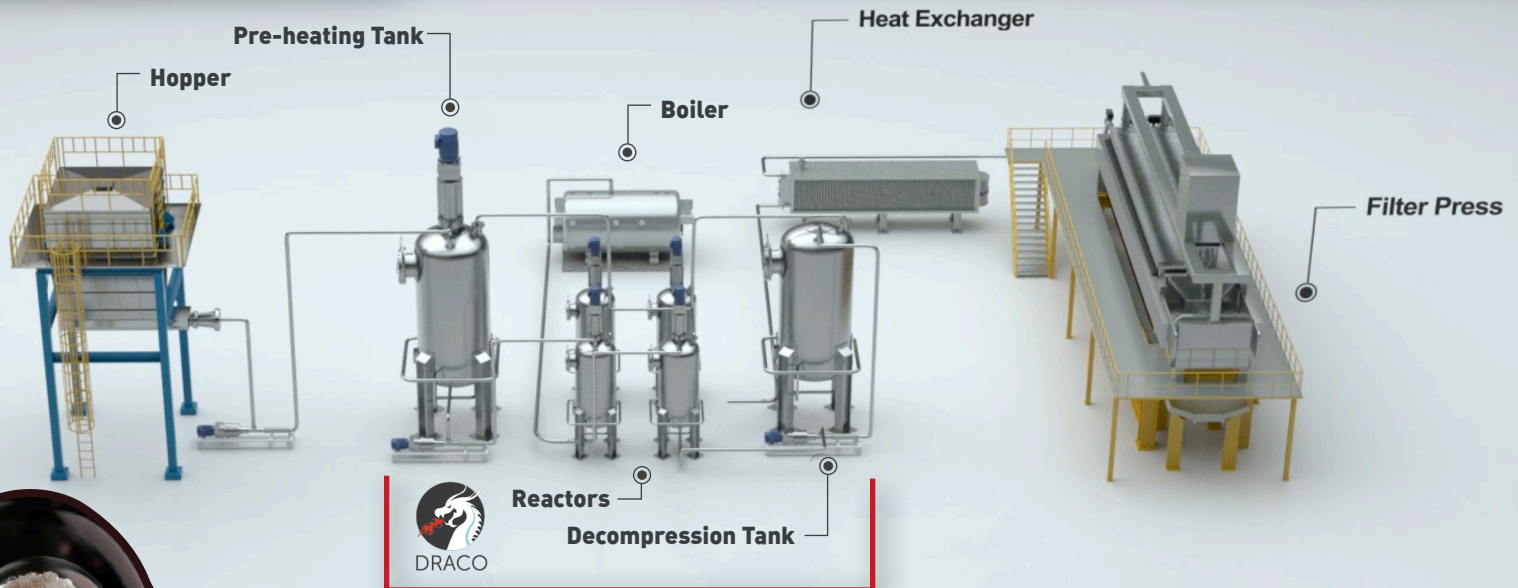
For plants with anaerobic digestors, pretreating feed sludge with Draco shall increase biogas production.

DRACO THP

DIGESTION (OPTIONAL)

DEWATERING

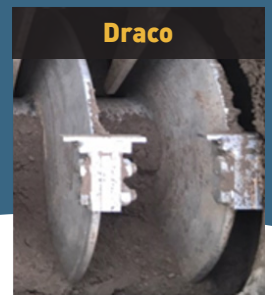
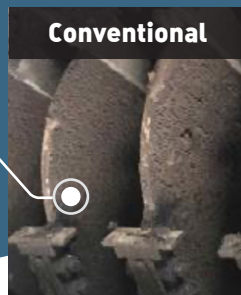
DRYING (OPTIONAL)



Avoid the “Sticky Phase” When Drying

Using Draco, plants that dry their sludge can avoid the “sticky phase,” which occurs when the water content is between 50%-65%. Draco completely bypasses the sticky phase, allowing for greater efficiency, easier drying, and less maintenance.

More maintenance due to sludge adhesion



Draco reduces water content to below 50% after dewatering.



If you'd like to learn more, please reach out to:
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TOMORROW
WATER
 Impact Makers