

ENVIROTARY® COMPOSTER SYSTEM

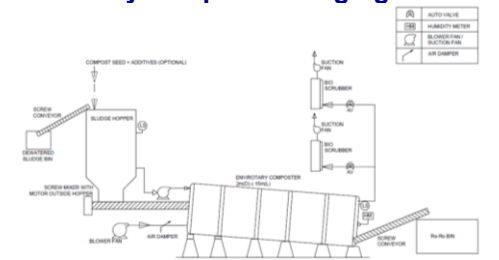
Organic biofertilisers from wastes (sewage sludges, industrial sludges, farm manures, agricultural wastes) through large scale continuous composting in Envirotary® Composters

For automatic clean composting of any organic wastes, such as garbage and industrial wastes, and sludges from sewage works, anaerobic digesters and industrial effluent treatment plants, farm wastes, or combinations of them. The patented Envirotary composter is aerobic, designed to operate without odour, leachate and pests, to produce consistent quality organic biofertiliser.

Continuous clean composting using EnviroSource rotary composter advantages:

- eliminates daily sludge transport and disposal for STPs.
- comes with well **acclimatized composting flora** or Fertilising Composting Culture (FCC).
- produces **consistent quality** biofertiliser, depending on wastes fed, and enables **addition of mineral supplements** to obtain complete biofertiliser at required C:N and NPK.
- enables complete control of composting conditions of: Temperature, Humidity, C:N ratio, etc, for rapid composting and pathogen kill (necessary for sewage sludges, chicken dung, and other dungs). This reduces area required for composting and conventional composting period by about 70%.
- enables **CO₂ trapping** for green benefits and eliminates nuisances of odours, flies, leachates, etc.

The Envirotary Composter (ERC) System is customised to waste tonnage and characteristics, with Envirotary composter ranging in sizes from diameter 1.0 to 2.5m and length 5 to 15m.



Sketch of EnviRotary Composter (ERC) System



The EnviRotary Composter (ERC) is enclosed and slowly rotates, enabling biological stabilisation and mixing to produce biofertiliser. The ERC system comprises: Hopper & dosers, conveyors, ERC body, bioscrubbers and associated equipment and may be customised to suit requirements.



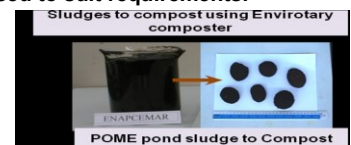
Dewatered sludge for composting



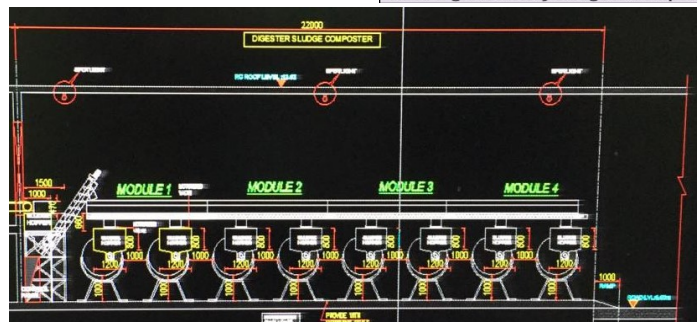
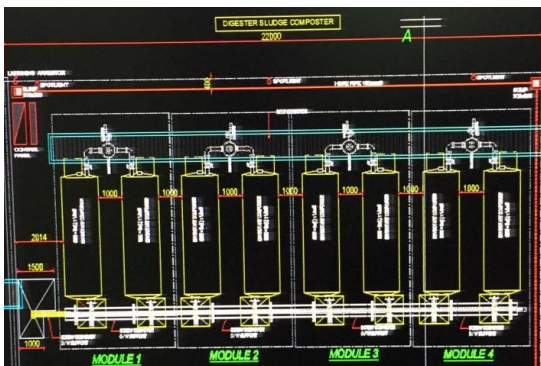
Biofertiliser with manual bagging



Biofertiliser with auto bagging



Industrial sludges



Digester sludge to biofertilizer in modular units

For further info and quotation, please contact:

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