

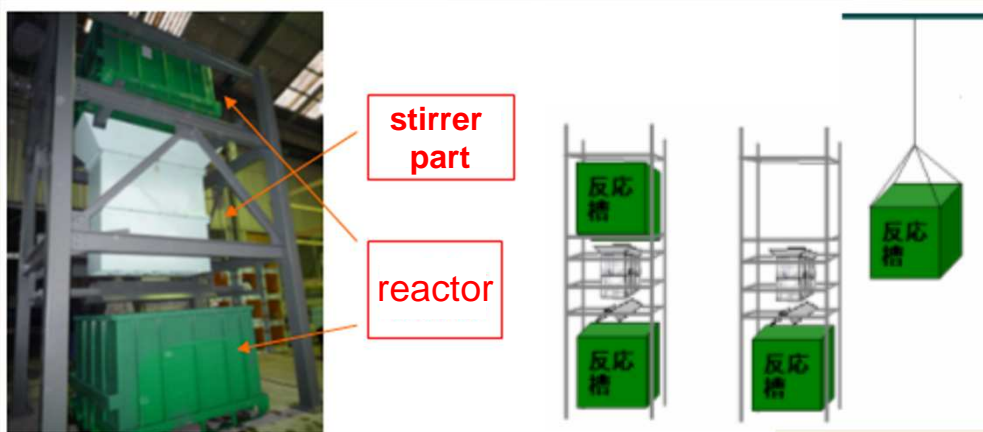
VIOCE Co., Ltd.

Self-Turning-Reactor

• Composting System in a low-cost way

Features

- STR Saves Space by stacking reactors vertically
- STR Saves Electricity Use by using gravitational energy
- STR is Complete with prevention of odor

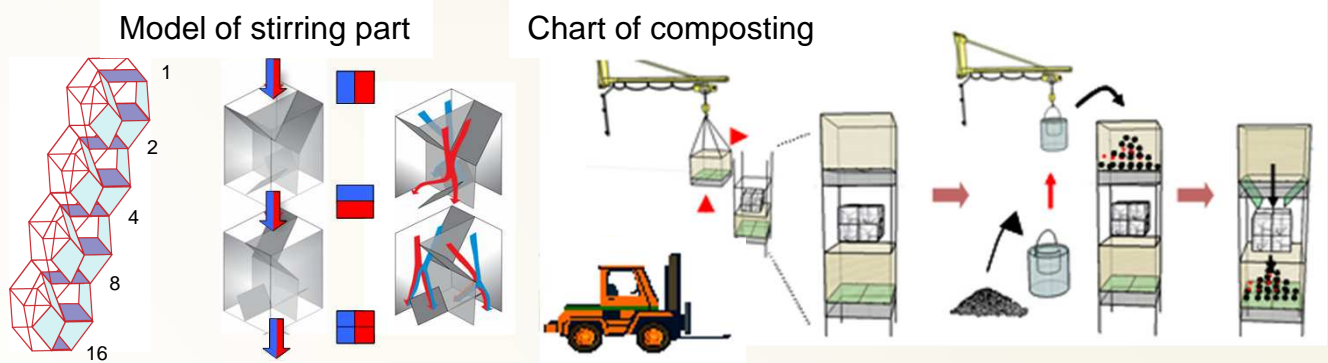


Overview (Technical principles, actions, etc.)

Technical principle

This product "STR self-turning composting equipment" adapting the stirring by using gravitational energy is a product developed by joint research with the University of Tokyo. The feature is at the point that aeration work required for composting can be done at low cost. STR has the same effect as the case where it is used with, and the amount of the electric power used will be 60%.

In the inside of "STR self-turning composting equipment", the partition board and the feather-like board are installed, and materials are agitated, dividing or colliding.



Saving stirring equipment

(right fig. image of passing)

Installation Examples

STR is introduced in Rangsit and Lampang of Thailand.



Thailand Rangsit



Thailand Lampang

Effects

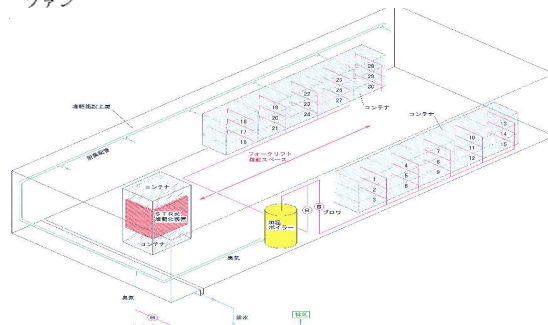
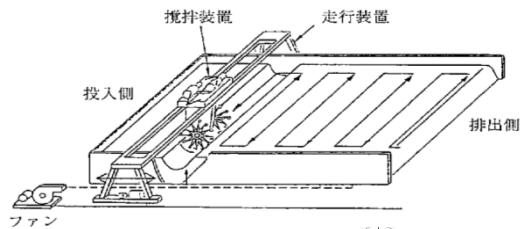
STR Saves 2/3 Cost of initial and running cost

Conventional Model

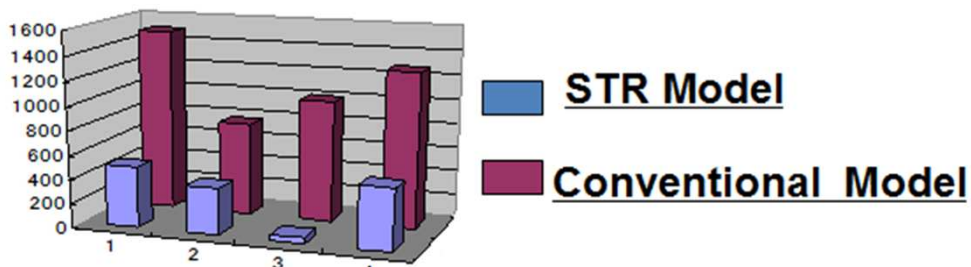
(12t/day=50 million Yen)

STR Model

1/3 initial cost !



Comparison between STR Model and Conventional Model



1, initial cost 2, running cost 3, odor equipment cost 4, running cost (odor equipment)

Inquiries

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