



COMPANY
INTRODUCTION

MINGJIA ECO

Your trust is our success

Zhejiang Mingjia Environmental Protection Technology Co., Ltd

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- Zhejiang Mingjia Environmental Protection Technology Co., Ltd. was established in 2014, evolving from Mingjiang Motor Co., Ltd., which was founded in 2003.
- Located in JiaXing city which is near ShangHai . Our company is covering an area of 95 acres with over 80,000 square meters of modern standard factory buildings.
- Currently, the company employs over 100 staff members.

Company Introduction



Service

Quality

Trust

Strategy

- ◆ We only do one thing in 20 years
- ◆ Animal husbandry waste treatment.



History



- Company established (Formerly known as Mingjiang).

- Opened overseas market, Dewatering separator exported to SE Asia and Europe;
- R&D work of Organic fertilizer composting tank finished!

- More livestock leading companies, such as Huatong, New Hope and Qinglian has become our partner.

- Being more popular overseas market.

2003



- Mingjia established;
- Finished two national projects;
- Livestock Machinery R&D Center;
- Dewatering separator leads in China;

2014



2016



- Initiate the reform of the shareholding system;
- Became a supplier of WENS who is one of the biggest livestock group;
- Composting tank became public in market.

2019



2020



2021



- The company's sales revenue has grown steadily by more than 100% annually over the past three years.
- Honor of "National Special Industry 'Giant' Company" achieved.

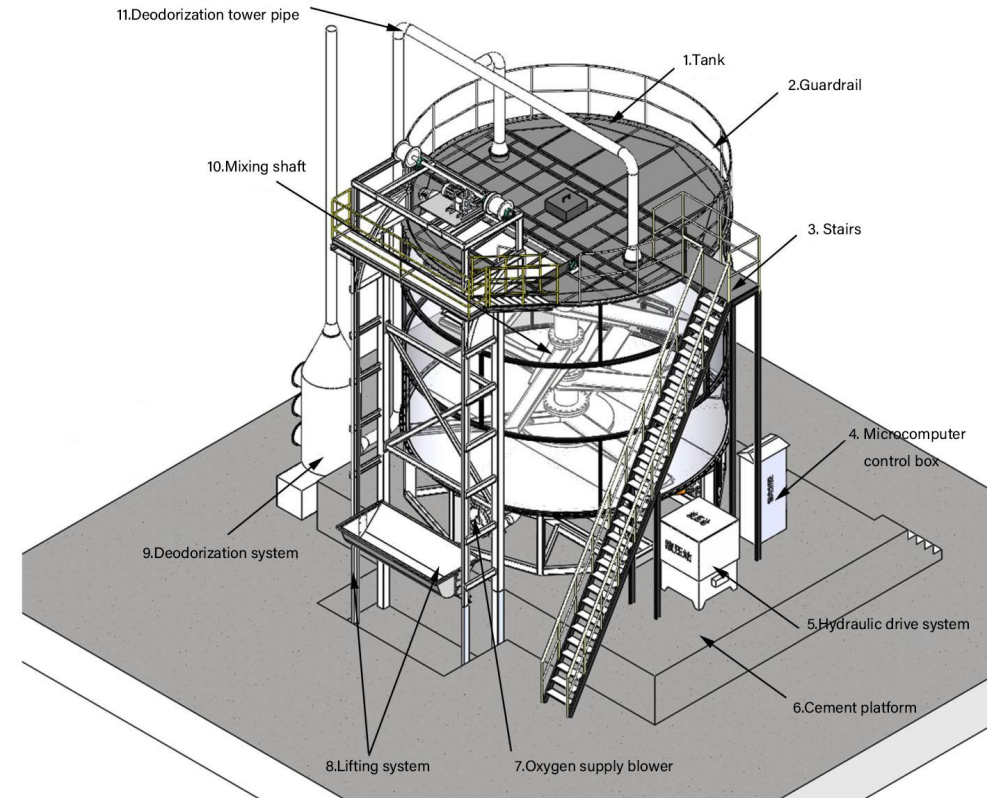
2024





Organic Fertilizer Composting Tank

The Organic Fertilizer Composting Tank for Livestock and Poultry Manure is an integrated processing device designed for the resource utilization of organic waste, such as manure from livestock farms and sludge from wastewater treatment plants.



Main Products



◆ Small footprint

One device occupies approximately 100 square meters

◆ Intelligence

Automated operating system

◆ High temperature

Reach 70 degree

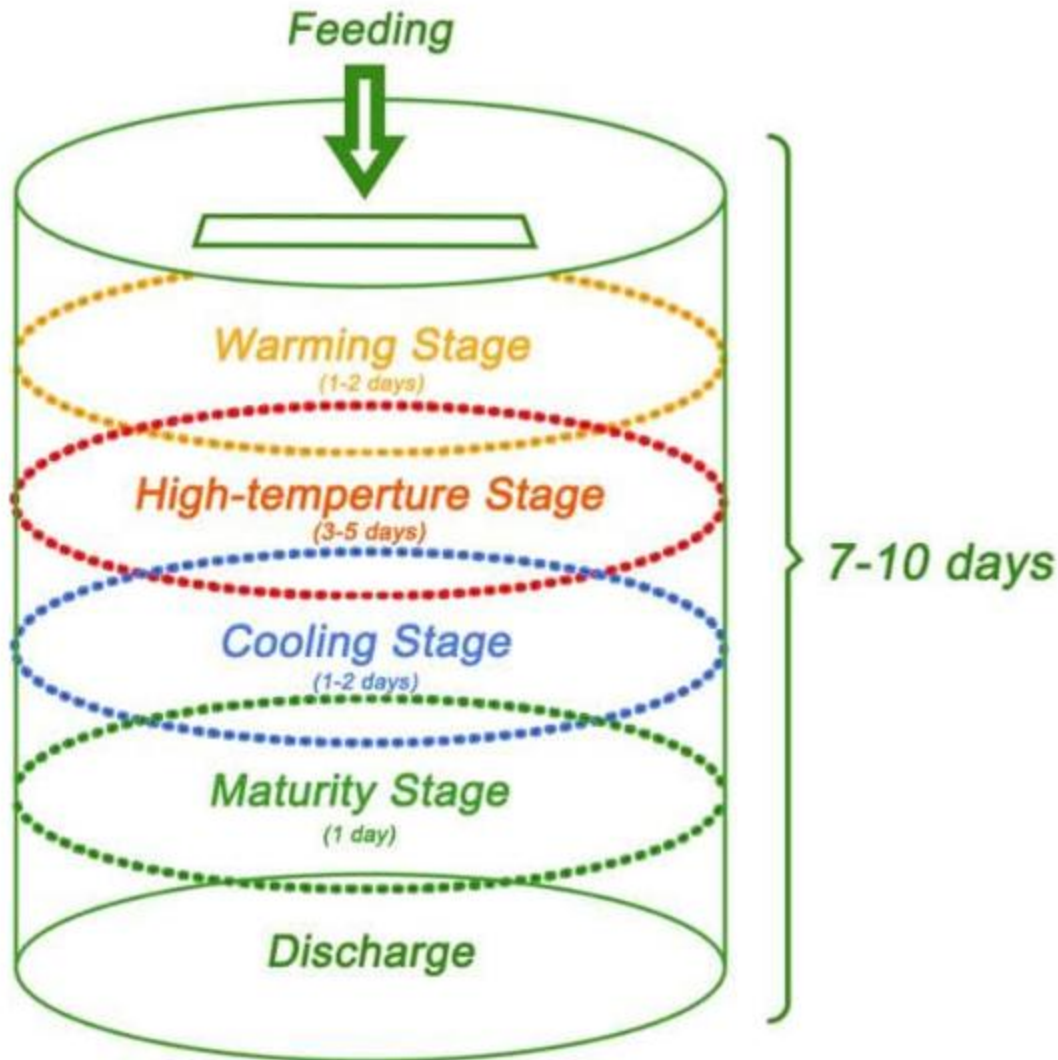
◆ Short fermentation time

Around 7days

◆ Environmentally friendly

Closed system ,no smelly

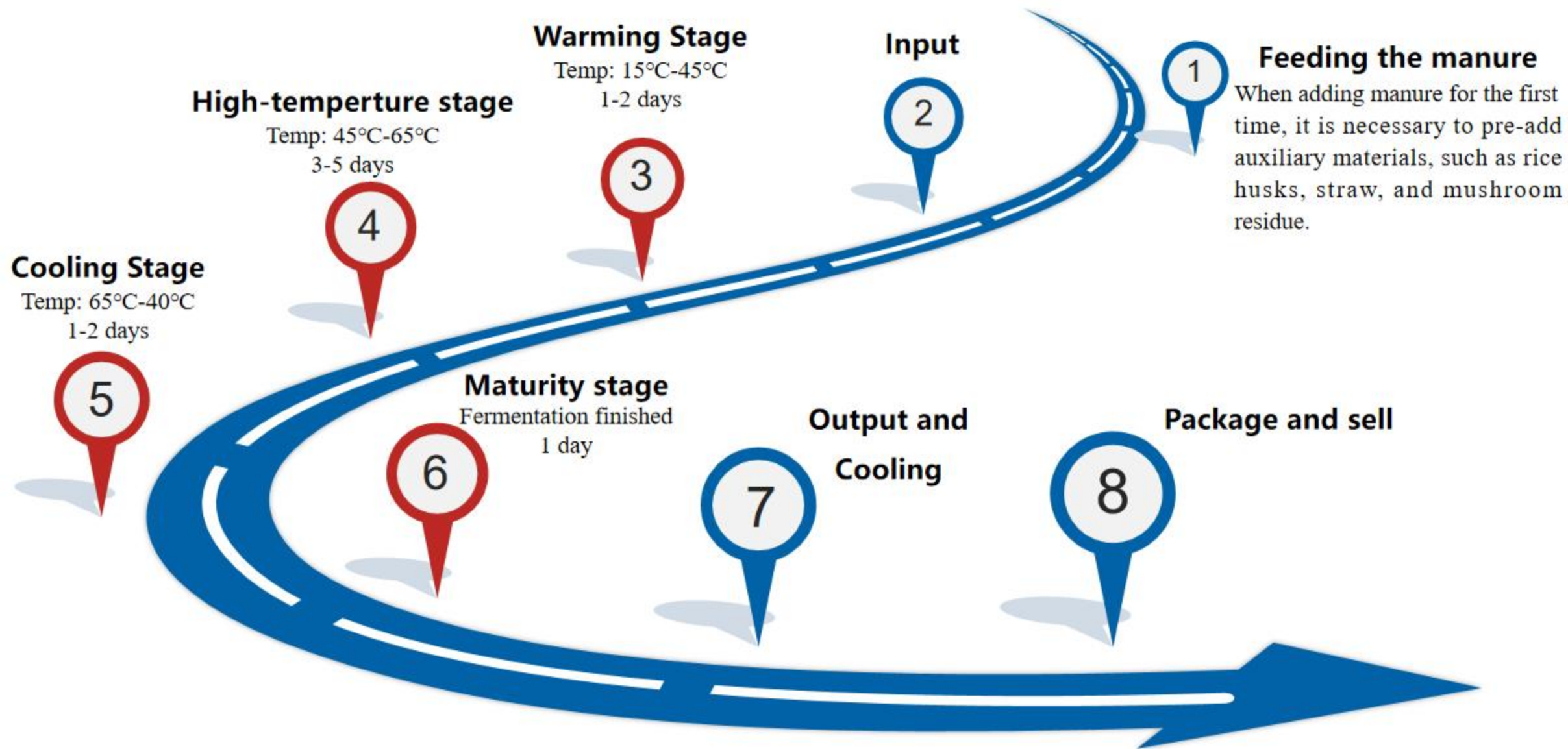
Working principle



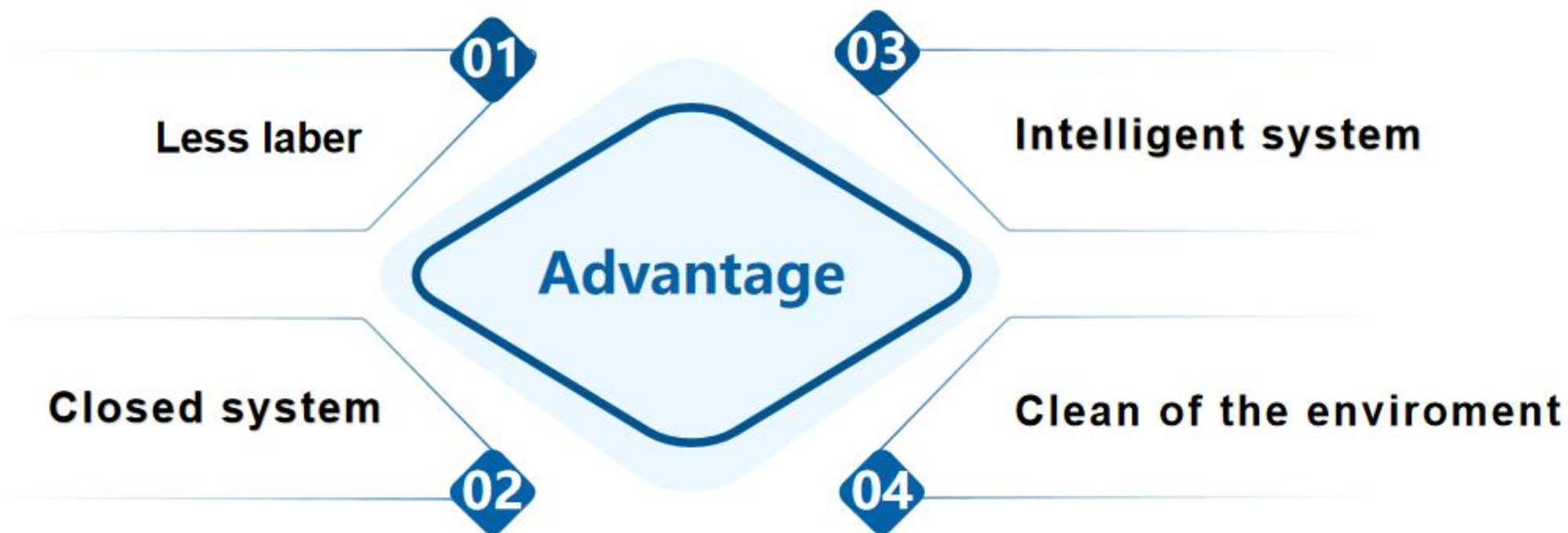
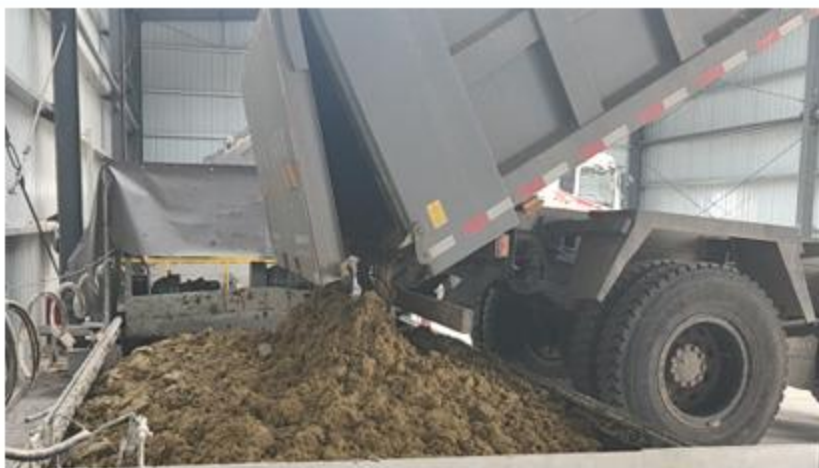
Feeding

1. Warming Stage
2. High-temperature Stage
3. Cooling Stage
4. Maturity Stage
5. Discharge

Working principle



Automatic feeding system



Material of body

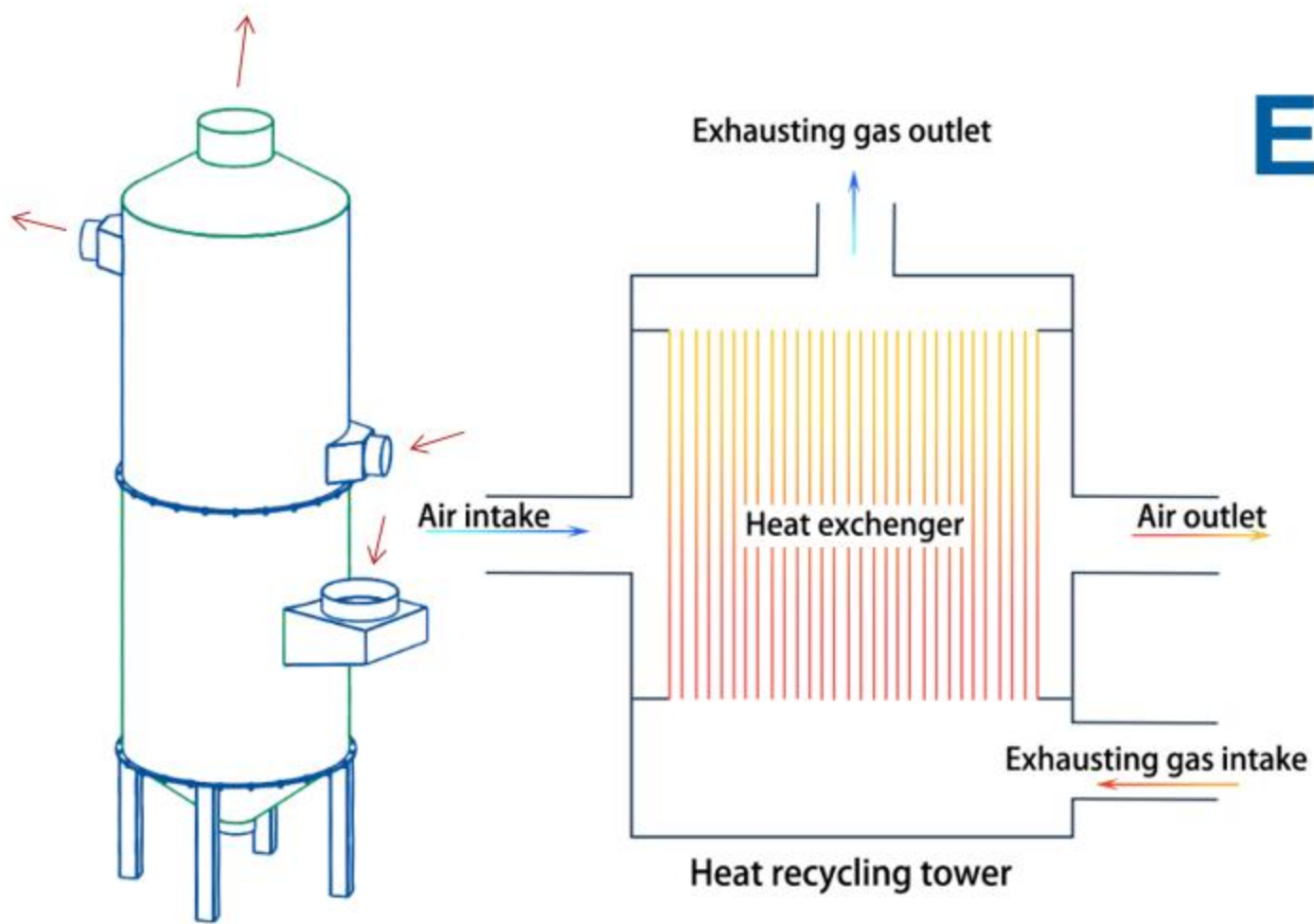


Double sides stainless steel wall panels.
Thickness: 3.75mm **SS304** inside and
2.75mm **SS304** outside

Body base plate: 12mm carbon steel
plate+2mm **SS304**

Top cover: 2.5mm **SS304** checkered
plate

Heat recycling system



Efficiency

10-15%

The heating recycling system can return the heat which was coming out with the exhausting gas back to the composting tank to achieve the improvement of fermentation performance and save energy consumption.

Forged integral ratchet



Stronger



The hydraulic transmission ratchet, popularly speaking, is the transmission gear. It is one of the most important components of the fermentation tank. It carries the whole operation of the mixing system and the oxygen supply system of the machine. Through the "milling and tempering" forging process, the overall ratchet material is tight and weld-free, which ensures the tightness of the ratchet material. Greatly reduce equipment failure rate and extend equipment service life.



- **Eco-efficient**

Energy saving about 20%-30%!

- **Long service life**

No contact between rotor and bearing, reduce wear and tear

- **Intelligent control**

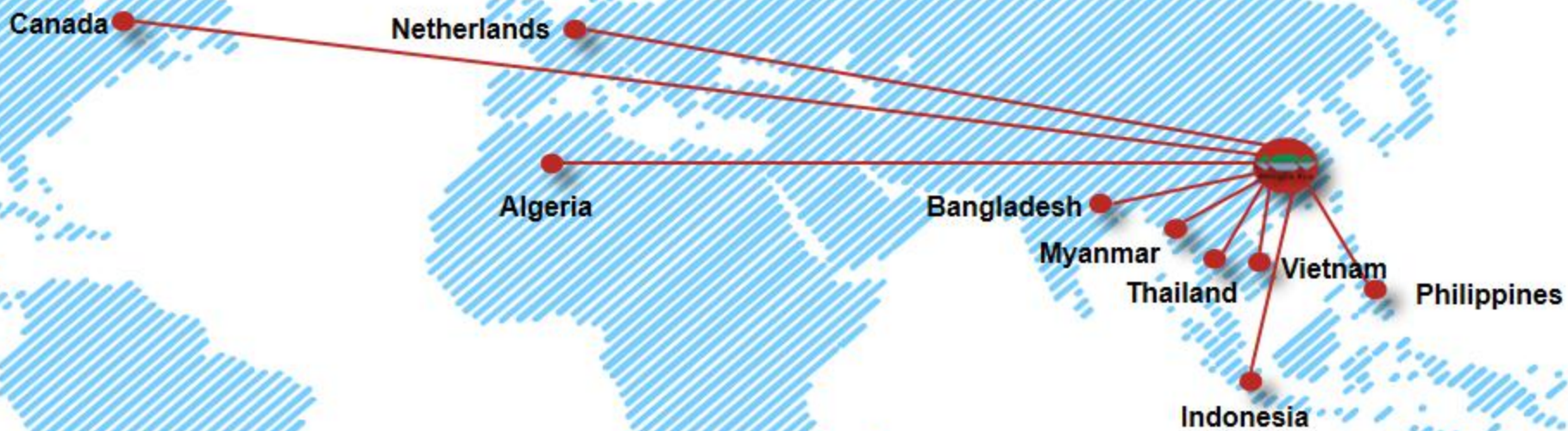
Automatically adjust parameters
ensure efficient and stable operation

Optimization of power consumption



Blower	Power (kW)	Unit	Total (kW)	Pressure (mbar)	Displacement (m ³ /h)	Total PC of tank (kWh/d)
15kW Higespeed blower	15	1	15	200	1300	400-450
2GH910-12.5kW Turbo blower	12.5	2	25	200	700	500-550

Previous Successes



Previous Successes



3M layer farm of CP Food in ChongMing Island, ShangHai. Using automated I/O system and centralized control system!



Previous Successes



4 units in Chiang Mai, Thailand, using automated I/O system and centralized control system



Previous Successes



20 units for 2 million boiler



Previous Successes



Over 800 projects in Anhui, Guangdong, Guizhou, Henan, Hebei, Hubei, Hainan, Hunan, Jiangsu, Jiangxi, Shandong, Sichuan, Yunnan and other provinces.



Previous Successes

