



Waste Treatment Aerobic Fermentation Machine For Converting Food Waste To Fertilizer

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: CE, ISO
- Model Number: 15m³
- Minimum Order Quantity: 1
- Packaging Details: According to customer requirements
- Delivery Time: 5-10 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100 units per month



Product Specification

- Name: Horizontal Fermentation Tank
- Processing Capacity: 5-50 Tons/day (customizable According To Demand)
- Tank Material: Stainless Steel/carbon Steel (customized According To Customer Needs)
- Raw Material: Animal Wastes
- Colour: Customizable
- Application: Turning Mixing Organic Compost
- Water Percent After Fermentation: About 20-30%
- Highlight: **Aerobic Fermentation Machine,
Waste Treatment Fermentation Machine,
Food Waste Fermentation Machine**



Product Description

Waste Treatment Aerobic Fermentation Machine for Converting Food Waste to Fertilizer

This equipment has the characteristics of high efficiency, energy saving, and environmental protection, which can effectively improve the yield and quality of organic fertilizers and adapt to the production needs of fertilizers of different scales. Fertilizer horizontal fermentation tank is a device designed specifically for the production of organic fertilizers, widely used in fields such as agriculture, animal husbandry, landscaping, and waste disposal. It effectively promotes the fermentation and decomposition of raw materials through processes such as flipping, stirring, and heating inside the tank, and quickly converts them into organic fertilizers.

Advantage of Aerobic Fermentation Machine:

- (1) Wide range of applications, to achieve catering, kitchen waste, fresh, fruit and vegetable four-in-one mixed disposal;
- (2) Widely applicable objects, there is no need to make special adjustments to the grease and PH value of garbage before treatment;
- (3) The degradation capacity is fast, the degradation is completed within 24 hours, and the reduction rate can reach more than 85%;
- (4) Excellent performance of strains, high genetic stability of high-temperature aerobic microorganisms, rapid propagation, one-time input of strains, no need to add repeatedly;
- (5) Good sterilization of germs, equipment temperature maintained at 60 degrees, effectively killing various pathogens and parasites including African swine fever;
- (6) Low unit energy consumption, high-efficiency heating system, thermal insulation system and exclusive patented energy-saving control technology, energy saving and power saving;
- (7) The resource effect is high, and the degradables can be deeply processed into organic fertilizers; Oily wastewater can be separated from waste oil and reprocessed into biodiesel;

Model	Heating Power(kw)	Stirring Power(kw)	Reducer Model	Stirring Speed(r/min)	Dimensions(m)
15m ³	30	22	ZQD850-291.19	3.4	6000*2600*2800
20m ³	30	37	ZQD850-163.38	6	7400*2820*3260

Scope of application:

1. Organic fertilizer production: suitable for the production of organic fertilizers in farms, pastures, horticulture, etc., by processing agricultural waste, animal and plant manure, etc., it can be quickly converted into high-quality organic fertilizers.
2. Waste disposal: It can handle various organic wastes, such as kitchen waste, garden waste, etc., and convert them into fertilizers through fermentation to reduce environmental pollution.
3. Wastewater treatment: In some special industries, it can also be used for the treatment of organic wastewater to remove organic pollutants from the water.



Product advantages:

1. Energy saving: Efficient thermal energy utilization and intelligent control system can maximize energy consumption and reduce production costs.
2. Improve production efficiency: Short fermentation time, fast production cycle, suitable for large-scale production, effectively increasing yield.
3. Environmentally friendly: Fully meets environmental protection requirements, reduces emissions of waste gas and wastewater, and enhances the company's environmental image.

FAQ:

Q: Can I use this production line to produce multi granularity particles?

Yes, our production line is multifunctional. We can customize ring moulds of different sizes. In this way, you can easily adjust the size of your ball.

Q: I know little about the fertilizer production line. How to choose the most suitable machine?

Just tell us your raw materials, capacity (tons / hour) and the size of the final particle product, and we will choose the machine for you according to your specific situation.

Q: Our workers don't know how to operate the production line. What should I do?

Our engineers will guide on-site workers on how to install machines and build workshops. Then, our engineers will test the production line on site and train your workers how to operate it.

Q: Are you a trading company or a manufacturer?

We have a large factory in Jiaozuo, China, covering an area of 10000 square meters. Welcome to visit.

Q: What's the Production Period of the Fertilizer Machine?

For single fertilizer machine, our production time is 7 days; and for whole fertilizer production line, our production time is no more than 30 days.

Q: What's the Quality Guarantee and Certifications?

all of our machine have passed ISO and CE certification, we can guarantee the highest quality and our warranty time is 5 years after shipment date.



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