



## 220V Chicken Manure Fermentation Machine Cow Waste Chain Plate Compost Turner

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: CE,ISO
- Model Number: TDLBF-5000
- 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

- Product Name: Chain Plate Compost Turner Fermentation Equipment
- Voltage: 220V/380V/415V/as You Request
- Working Speed: 30-90m/h
- Raw Material: Manure/straw
- Application: Organic Fertilizer Fermentation
- Highlight: 220V Chicken Manure Compost Turner, Manure Fermentation Machine, Cow Waste Chain Plate Compost Turner



### More Images



## Product Description

### Cow Waste Chain Plate Compost Turner Chicken Manure Fermentation Machine

Chicken manure fermentation machine is suitable for aerobic composting of organic solid waste such as livestock manure, sludge waste, straw, etc. Its walking system adopts variable frequency speed regulation, which has good adaptability to different materials, stable operation, high turnover efficiency, and deep groove operation.

Chicken manure fermentation machine can effectively shorten the fermentation cycle, improve production efficiency and product quality. The variable frequency speed control system can adapt well to changes in workload. This equipment fully utilizes the deep pool design to achieve automatic discharge, and the large-scale treatment of harmless organic waste has become a reality.

Model	Power (kw)	Working Speed (m/min)	Displacement Velocity (m/min)	Turning Height (m)
YHLBF-4000	52	5-6	4-5	1.5-2
YHLBF-5000	69	5-6	4-5	1.5-2

#### The process of making chicken manure fermentation machine:

1. Livestock and poultry manure and other materials, organic domestic waste, sludge, etc. are used as fertilizer base materials, pay attention to the carbon-nitrogen ratio (C/N): Since composting materials have different C/N ratios, we need to use The C/N ratio is controlled at the 25~35 that the microorganism likes and the fermentation can proceed smoothly. The C/N ratio of the finished compost is usually 15~25.
2. After the C/N ratio is adjusted, it can be mixed and stacked. The trick at this point is to adjust the overall moisture content of the compost to 50-60% before starting. If the water content of livestock and poultry manure and other materials, domestic garbage, sludge, etc. is too high, you can add organic matter, relatively dry auxiliary materials that can absorb water, or use the method of backflow to put the dry fertilizer below to form strips, and put the containing Livestock and poultry manure and other materials, domestic garbage, sludge, etc. with a large amount of water are placed in the middle so that the water above can seep to the bottom and then be turned over.
3. Sprinkle the fertilizer base materials such as the piled livestock and poultry manure and other materials, domestic garbage, sludge, etc. with biological fermentation inoculants.
4. Use a turning machine to evenly mix the straw, livestock and poultry manure and other organic materials, domestic garbage, sludge, (water content should be 50%-60%), fermentation bacteria agent, etc., and it can be deodorized in 3-5 hours. , 16 hours to heat up to 50 degrees (about 122 degrees Fahrenheit), when the temperature reaches 55 degrees (about 131 degrees Fahrenheit), turn the heap again to add oxygen, and then start stirring whenever the temperature of the material reaches 55 degrees to achieve uniform fermentation, The effect of increasing oxygen and cooling, and then repeat this process until it is completely decomposed.



#### FAQ:

**Q1: Are you trading company or manufacturer?**

A: We are factory.

**Q2: How long is your delivery time?**

A: Generally it is 7-10 days if the goods are in stock. Or it is 15-30 days if the goods are not in stock, it is according to quantity.

**Q3: What is your payment method?**

A: 30% of total prices should be paid by T/T as down payment; 70% balance payment should be paid by T/T before delivery.

**Q4: How long is the warranty of your equipments? Does your company supply the spare parts?**

A: The warranty period of fertilizer equipments is one year. And we will supply the spare parts for you at lowest cost.

**Q5: If I need the complete fertilizer production line can you help us to build it?**

A: Yes, we can help you set up a fertilizer production line and give you related professional advices as long as you need. We had already build many fertilizer production line projects in China & Oversea.



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