



Chain Plate Type Compost Turner Rapid Composting Machine Organic Animal Waste

Our Product Introduction

for more products please visit us on organicfertilizerequipment.com

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: **Animal Waste Organic Composting Machine, Chain Plate Type Compost Turner, Rapid Organic Composting Machine**



Product Description

Rapid Composting Machine Organic Animal Waste Chain Plate Type Compost Turner

Chain plate type compost turner is suitable for aerobic composting of organic solid waste, such as livestock and poultry manure, sludge and garbage, and straw and so on. Its walking system adopts frequency conversion speed regulation, so it has the characteristics of good adaptability to different materials, smooth operation, high turnover efficiency and deep groove operation. It can effectively shorten the fermentation period, improve production efficiency and product quality. Variable frequency speed control system can be well adapted to the change of working load. The equipment makes full use of the deep pool design to realize automatic discharge, and 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

Chain Plate Compost Turner Fermentation Equipment Function:

1. Mixing function of different ingredients

In fertilizer production, some auxiliary materials must be added to adjust the carbon-nitrogen ratio, pH and water content of raw materials. The main raw materials and accessories that are roughly stacked together, the purpose of uniform mixing of different materials can be achieved while turning.

2. Conciliate the temperature of the raw material pile

A large amount of fresh air can be brought and fully contacted with the raw materials in the mixing pile, which can help aerobic microorganisms to actively generate fermentation heat and increase the pile temperature, and the heap temperature can cool down by the constant replenishment of fresh air. So that form a state of alternation of medium-temperature-temperature-temperature, and various beneficial microbial bacteria grow and reproduce rapidly in the temperature period.

3. Improve the permeability of raw material piles

The groove type composting turner can process the material into smaller pieces, making the material pile thick and compact, fluffy and elastic, forming a suitable porosity between the materials.

4. Adjust the moisture of the raw material pile

The suitable moisture content of raw material fermentation is about 55%. In the fermentation of the turning operation, the active biochemical reactions of aerobic microorganisms will generate new moisture, and the consumption of raw materials by oxygen-consuming microorganisms will also cause the water to lose the carrier and free out. Therefore, with the fertilization process, water will be reduced in time. In addition to the evaporation formed by heat conduction, the turning raw materials will form compulsory water vapor emission.



Pig Manure



Sludge



Cow Dung



Fruit&vegetable Waste



Bagasse



Straw

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.



TONGDA HEAVY

Henan Tongda Heavy Industry Science And Technology Co., Ltd.



+8618538527111



admin@hntdfertilizermachine.com



organicfertilizerequipment.com

Xingyang Longgang Development Zone