



## Horizontal Fermentation Machine Mushroom Compost Turner Machine

### Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: CE, ISO
- Model Number: 15m<sup>3</sup>
- 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

- Features: Simple To Operate
- Name: Horizontal Fermentation Tank
- Voltage: 220V/380V
- Power: 1-10(KW)
- Yield: 10-100(ton/h)
- Heating Power: 30KW
- Highlight: Horizontal Fermentation Machine,  
Mushroom Compost Turner Machine,  
Mushroom Horizontal Fermentation Machine



### More Images



## Product Description

### Mushroom Manure Fertilizer Compost Turner Machine Horizontal Fermentation Machine

Production principle of horizontal fermentation tank for organic fertilizer: the materials to be fermented will be transported to the fermentation tank by a sealed conveyor in accordance with the carbon nitrogen ratio, carbon phosphorus ratio, carbon potassium ratio, PH value, water content and bacteria species. Then quickly heat and stir to kill the pathogenic bacteria and weed seeds in the organic matter. After the temperature rises to a certain temperature, the host machine will operate normally and start normal fermentation. Under the action of high-temperature beneficial microorganisms, the organic substances will be rapidly decomposed, corroded and chelated for 8-10 hours to reach the qualified organic raw materials required by crops; Automatic control of aeration, temperature control, stirring and deodorization during fermentation. When discharging, the pneumatic discharging device is started to discharge materials quickly, or the organic fertilizer is packaged into powder or granules.

#### Product introduction

Horizontal fermentation tank includes:

1. feeding system
2. tank fermentation system
3. power mixing system
4. discharging system
5. heating and insulation system
6. maintenance part
7. fully automated electrical control system

#### Working principle:

1. Firstly, the materials to be fermented are put into the fermentation tank from the inlet through the belt conveyor. At the same time as the materials are put into the pot, start the main motor, and the main shaft is driven by the motor reducer to start stirring. Then, the spiral blade carried on the stirring shaft is turned over with the materials, so that the materials can be fully contacted with the air to start the aerobic fermentation stage.
2. Secondly, the heating system of the electric heating rod at the bottom of the pot which is controlled by the electric cabinet is used to heat the heating transfer oil in the mezzanine of the pot. And the temperature of the pot is regulated by the temperature of the pot is regulated by the temperature sensor which heating to achieve the best fermentation condition. After the fermentation of the material is completed, the material is discharged through the outlet of the pot, and carry out the next processing.

Model	Heating Power(kw)	Stirring Power(kw)	Reducer Model	Stirring Speed(r/min)	Dimensions(mm)
15m³	30	22	ZQD850-291.19	3.4	6000*2600*2800
20m³	30	37	ZQD850-163.38	6	7400*2820*3260

#### Performance characteristics:

1. Covering less, no pollution, completely killing the pest eggs.
2. No air pollution (sealed fermentation).
3. Completely kill the eggs of diseases and insects (adjustable constant temperature of 60-100 degrees) with high corrosion resistance, it is a wise choice for the majority of breeding enterprises, circular agriculture and ecological agriculture to realize the utilization of waste resources.
4. The internal heat conduction oil of this equipment adopts imported high temperature heat conduction oil as the constant temperature calorific value transfer medium, which has obvious advantages such as high boiling point, stable heat conduction performance, high heat exchange efficiency, good heat transfer effect and high heat energy utilization rate.



#### 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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