



## 10KW Horizontal Fermentation Tank Cow Dung Compost Making Machine

### Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: CE, ISO
- Model Number: 30m<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
- Production Capacity: 10-30m<sup>3</sup>
- Power: 1-10(KW)
- Yield: 10-100(ton/h)
- Heating Power: 30KW
- Highlight: 10KW Horizontal Fermentation Tank,  
10KW Cow Dung Compost Making Machine,  
Cow Dung Horizontal Fermentation Tank



### More Images



Our Product Introduction

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## Product Description

### Manure Fertilizer Compost Horizontal Fermentation Tank Organic Fertilizer Machine

The horizontal fermenting tank of organic fertilizer is used to treat pig dung, chicken dung, cow dung, sheep dung, mushroom residue, Chinese medicine residue, crop straw and other organic wastes. The harmless treatment process can be completed in 10 hours, covering less land (the fermenter only covers 10-30 square meters), (closed fermentation), and killing disease and insect eggs (can be adjusted to 80-100 °C high temperature). It is a good choice for aquaculture enterprises, circular agriculture, and ecological agriculture to realize waste recycling. In addition, 5-50m<sup>3</sup> fermenters with different capacities and forms (horizontal and vertical) can be customized according to customer needs.

#### 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 of horizontal fermentation tank of organic fertilizer fermentation equipment:

The aerobic fermentation treatment equipment for livestock and poultry manure adopts the aerobic fermentation principle of aerobic microorganisms to enable microorganisms to use organic matter, residual protein, etc. in livestock and poultry manure to rapidly reproduce under a certain temperature, humidity and sufficient oxygen environment. During reproduction, they consume organic matter, protein and oxygen in feces and metabolize to produce ammonia, CO<sub>2</sub> and water vapor. At the same time, a large amount of heat is released to increase the temperature in the tank. It can further promote the growth and metabolism of microorganisms at 45 °C~70 °C. At the same time, the temperature above 60 °C can kill harmful bacteria, pathogens, parasitic eggs and other harmful substances in the feces. At the same time, it can balance the temperature, humidity and PH value of beneficial bacteria to meet the living conditions of beneficial bacteria. With the continuous addition of fresh livestock and poultry feces, microorganisms in the tank can circulate and reproduce continuously, so as to achieve the harmless treatment of feces.

Model	Heating Power(kw)	Stirring Power(kw)	Reducer Model	Stirring Speed(r/min)	Dimensions(mm)
15m <sup>3</sup>	30	22	ZQD850-291.19	3.4	6000*2600*2800
20m <sup>3</sup>	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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