



## 6TPH 7TPH Organic Fertilizer Drying Equipment Chicken Manure Dryer

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: ISO,CE
- Model Number: TDHG-1010
- Minimum Order Quantity: 1
- Packaging Details: According to customer requirements
- Delivery Time: 5-15 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 50 units per month



### Product Specification

- Product Name: Fertilizer Drying Equipment
- Capacity: 6-8 Ton/h
- Application Material: Wide Application
- Usage: Applicable To Organic Fertilizer, Slag, Clay, Etc
- Water Evaporation: 60 (kg/h)
- Core Components: Bearing
- Highlight: 7TPH Chicken Manure Dryer,  
7TPH Organic Fertilizer Drying Equipment,  
6TPH Chicken Manure Dryer



## Product Description

### Organic Fertilizer Dryer Machine Poultry Manure Dryer Manufacturing Production Plant

Rotary drum dryer is an important machine in fertilizer production line. It can dry not only NPK fertilizer but also organic fertilizer and many other kinds of fertilizers. In addition, it can be widely used for mining industry, sand drying, coal drying, pharmaceutical industry and many other industries.

Model	Power (kw)	Reducer Model	Intake Temperature (degree)	Installation Angle (degree)	Rotary Speed (r/min)	Output (t/h)
TDHG-0808	5.5	ZQ250	above 300	3-5	6	1-2
TDHG-1010	7.5	ZQ350	above 300	3-5	6	2-4
TDHG-1212	7.5	ZQ350	above 300	3-5	6	3-5
TDHG-1515	11	ZQ400	above 300	3-5	6	4-6
TDHG-1616	15	ZQ400	above 300	3-5	6	6-8
TDHG-1818	22	ZQ500	above 300	3-5	5.8	7-12
TDHG-2020	37	ZQ500	above 300	3-5	5.5	8-15
TDHG-2222	37	ZQ500	above 300	3-5	5.5	8-16
TDHG-2424	45	ZQ650	above 300	3-5	5.2	14-18

The organic fertilizer production line is a complete set of equipment from raw material collection to finished product packaging, mainly including fermentation, crushing, ingredient quantification, granulation, drying, cooling, screening, coating, packaging, dust removal and supporting equipment. **The main process is as follows:**

- 1. Fermentation process:** The first process of the production line is organic matter fermentation. In the production preparation stage, the compost will first be transported to the mixer for overturning and mixing to speed up the fermentation rate.
- 2. Crushing process:** at this stage, the compost block is crushed with a pulverizer and the subsequent granulation is prepared. However, if the compost fermentation is good and there is no caking, this step can be omitted.
- 3. Quantitative process of ingredients:** if many kinds of materials need to be added to the formula, in order to improve the processing efficiency and the accuracy of the proportion of ingredients in the formula, the automatic batching system can be used. The system includes multiple quantitative belt scales, but if the production is pure organic fertilizer, this step can be omitted.
- 4. Granulation process:** disc granulator (drum granulator) is widely used in fertilizer granulation. As the core step of the production line, our equipment can automatically screen out the particle shape suitable for customers' needs. The fertilizer after granulation can delay the release of fertility and greatly reduce the number of artificial fertilization.
- 5. Drying process:** In order to reshape the particle shape and store it better, the humidity of fertilizer should not exceed 14%. The drum dryer is widely used for drying fertilizer.
- 6. Cooling process:** In order to increase the hardness of fertilizer particles, the roller cooler can meet this requirement.
- 7. Screening process:** use the cylinder screen to select the particles of moderate size, and the fertilizer particles that are too large and too small will be crushed and granulated again.
- 8. Coating process:** use the roller coating machine to coat the fertilizer particles to prevent the particles from sticking.
- 9. Packaging process:** As the last step of the production line, the automatic packaging machine is generally used to quantitatively package fertilizer into bags for sale.
- 10. Dust removal system:** the dust generated in all processes will be collected, dusted and deodorized.
- 11. Supporting facilities:** the production line is equipped with belt conveyor and bucket elevator connecting various equipment.



### 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.



TONGDA HEAVY

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