

## High Efficiency Fertilizer Drying Equipment Rotary

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: 5-10 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 50 units per month



### Product Specification

- Product Name: Rotary Drying Equipment
- Application: Building Materials, Metallurgy, Chemical Industry, Cement Plant
- Usage: Food Waste, Animal Manure, Grain, Mine Slag, Coal Powder, Etc
- Feeding Temperature:  $\geq 300^{\circ}\text{C}$
- Feature: High Efficiency Low Cost
- Highlight: **High Efficiency Fertilizer Drying Equipment, Rotary Fertilizer Drying Equipment, Rotary High Efficiency Fertilizer Dryer**



## Product Description

### High Efficiency Fertilizer Dryer Machine Fertilizer Granule Dryer Drum Drying Machine

Organic fertilizer, also known as organic fertilizer dryer, chicken manure dryer, pig manure dryer, cow manure dryer, rotary drum dryer, and other different names.

A type of drum dryer that can quickly dry organic fertilizers with 80% moisture content to dry products with moisture content below 13%. This unit uses coal (natural gas, coal gas) as energy source, hot air as drying medium, and strong hot air to heat various wet materials.

#### Application scope of fertilizer dryer machine:

1. **Agricultural waste:** such as straw, soybean meal, cotton meal, rapeseed, camellia oil seeds, corn cobs, corn bran, etc.
2. **Animal manure:** such as chicken manure, cow, sheep, and horse manure, rabbit manure, duck manure, and bird manure;
3. **Industrial waste:** such as distiller's grains, vinegar grains, cassava residue, potato residue, sweet potato residue, sugar residue, furfural residue, coffee residue, beer residue, cocoa residue, oil residue, plant ash, peanut shell powder, kelp residue, mushroom residue, protein sludge, etc;
4. **Household waste:** such as kitchen waste, food residue, fruit residue, starch residue, etc;
5. **Urban sludge:** such as river sludge, sewage sludge, etc.

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

#### Product features of organic fertilizer dryer:

1. With a large processing capacity, a single set of equipment can process 80-500 tons of various organic fertilizers per day.
2. Strong adaptability, in addition to being used for drying Camellia oleifera seed residue and rapeseed residue, it can also be used for various organic fertilizer materials with poor dispersion and large precipitation, such as chicken manure, cow manure, pig manure, poultry manure, furfural residue, distiller's grains, and compound fertilizers.
3. The dryer uses a rotary drum dryer as the main unit of the drying system, which has a simple structure, few faults, low maintenance costs, large production capacity, and can operate continuously for a long time.
4. A new type of feeding and discharging device has been adopted in the drying drum, which solves the problems of feeding blockage, discontinuity, unevenness, and backflow in the furfural residue dryer, reducing the load of the dust removal system for you. The equipment has undergone various technological innovations in the lifting device system, especially the use of a new multi combination lifting device, which overcomes the "wind tunnel" phenomenon of traditional dryers. Ensure the drying effect of the slag.
5. The dryer adopts a novel sealing device and is equipped with a well functioning insulation system.
6. The rotary drum dryer adopts a continuously variable transmission, which can conveniently adjust the rotation speed of the rotary drum according to the different moisture content of the material to achieve good drying results.
7. A disperser is installed in the drum of the tea seed residue dryer, which can effectively solve the problems of adhesion and agglomeration of various residue materials during the drying process.



#### 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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