



## Rotary Drying Machine For Fertilizers Wood Sawdust Poultry

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
- Power: 30kw
- Usage: Food Waste, Animal Manure, Grain, Mine Slag, Coal Powder, Etc
- Application: Building Materials, Metallurgy, Chemical Industry, Cement Plant
- Drying Temperature (°C): 350±30°C
- Highlight: **Rotary Drying Machine For Fertilizers, Sawdust Drying Machine For Fertilizers, Poultry Fertilizer Dryer**



## Product Description

### Rotary Drying Equipment Wood Sawdust Poultry Fertilizer Rotary Dryer Machine

Rotary dryer consumption rotary drier for clinker can be used to dry wood, biomass, sawdust, food waste, animal manure, grain, mine slag, coal powder, clay soil, animal feed, chemicals and other similar materials. It can achieve high output with low energy cost. The whole machine consists of body, blower, lifting blade, driving device, supporting frame and sealing parts. Structure is simple and is easy to operate.

#### 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, 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

#### The working principle of organic fertilizer dryer:

After the organic fertilizer enters the dryer, it is evenly distributed and flipped in the drum, and is evenly dispersed in the dryer in full contact with hot air, accelerating heat and mass transfer during drying. During the drying process, the organic fertilizer is discharged from the other section of the star shaped discharge valve of the dryer under the action of the inclined plate and hot medium.

The selection and design of process parameters, equipment technical parameters, and structures for organic fertilizer dryers and organic fertilizer production lines were obtained through careful analysis and research of organic fertilizer materials, and verified through actual drying experiments. In the scheme design, full consideration was given to the characteristics of high moisture content and high organic matter content of fertilizers, and a series of technologies and processes were adopted to solve the problem, ensuring a good drying effect.



#### 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.



