



## Organic Fertilizer Crusher Equipment Cow Chicken Wet Manure Vertical Crusher Machine

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: ISO,CE
- Model Number: TDFLF-600
- 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: 100 units per month



### Product Specification

- Machine Type: Fertilizer Vertical Crusher
- Capacity: 1-20tph
- Type: Roller Crusher
- Power: 15KW
- Crushing Fineness: 0.5-100 Mesh
- Feeding Size (mm): 10 - 120 Mm
- Highlight: **Organic Fertilizer Crusher Equipment,  
Vertical Fertilizer Crusher Equipment,  
Chicken Wet Manure Vertical Crusher Machine**



## Product Description

### Customers' Demand Cow Chicken Wet Manure Organic Fertilizer Vertical Crusher Machine

Vertical crusher/fertilizer crusher machine has the characteristics of reasonable structure, fast feeding, stable performance, and strong impact resistance. It can be widely used to crush fibers such as leaves, bagasse, crushed bamboo, wood chips, waste paper, as well as hard materials such as broken bricks, tiles, crushed stones, coal slag, etc. It does not affect the crushing effect on soft and hard materials. During the crushing process, high-strength wear-resistant hard alloy chain plates with synchronous rotational speed are used. The inlet and outlet design is reasonable, and the crushed materials are uniform, not easy to stick to the wall, and easy to clean. The crusher adopts the latest technology, selects high-quality steel, and carries out system optimization design, resulting in large output and high reliability.

Vertical crusher/fertilizer crusher is suitable for crushing blocky substances in organic fertilizer and compound fertilizer production, and is also widely used in industries such as chemical, building materials, and mining.

The new type vertical crusher organic fertilizer crusher is a kind of non-screen cloth adjustable crusher designed on the basis of absorbing advanced fine crushing equipment at home and abroad. It is one of the equipment that can be widely used in the crushing of organic fertilizer.

#### Working Principle of Vertical Fertilizer Crusher:

The material enters from the feed inlet and collides with the high-speed rotating chain hammer in the casing. After the impact, the material is squeezed and broken, and then hits the inner wall of the casing and then collides with the chain hammer. This is in the process of falling. After several impacts, it becomes a powder and is discharged from the bottom.

| Model    | Powder(kw) | Capacity(t/h) | Inlet Size(mm) |
|----------|------------|---------------|----------------|
| TCLD-650 | 22         | 3-5           | 400×400        |
| TCLD-700 | 30         | 5-8           | 600×400        |
| TCLD-800 | 37         | 8-15          | 650×450        |
| TCLD-850 | 55         | 15-20         | 1200×800       |

The vertical crusher machine consists of a lower frame, casing, upper and lower shaft seats, main shaft, rotor disc, chain, hammer head, pulley, motor frame, and other parts. The power is driven by a triangular belt to rotate the main shaft. The main shaft has two bearing seats, which are installed at the upper and lower ends of the casing. The casing assembly is installed on the lower frame, with a rotor disc and chain installed on the main shaft. The feeding hopper is installed on the upper part of the casing. In order to facilitate the loading and unloading of the hammer head, a flap is opened on the casing for easy disassembly and maintenance.



#### 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.

