



## Pig Waste Vertical Fertilizer Crusher Machine 15000 kg/h Industrial Crushing Equipment

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 Crusher Machine
- Raw Material: Animal Waste
- Application: Compound Fertilizer Crushing
- Feature: High Efficiency
- Usage: High Moisture Material Crusher
- Output (kg/h): 3000 - 15000 Kg/h
- Highlight: **Pig Waste Fertilizer Crusher Machine, Vertical Compound Fertilizer Crusher Machine, 15000 kg/h Fertilizer Crusher Machine**



## Product Description

### Industrial Crushing Machine Pig Waste Crusher Vertical Crusher Machine

The vertical crusher can be used for the final crushing of various materials such as limestone, cement clinker, mixtures, gypsum, coal gangue, slag, copper ore, iron ore, etc. It is also one of the commonly used crushing equipment in the compound fertilizer industry, suitable for the crushing of raw materials and return materials. Especially for materials with high moisture content, it has strong adaptability, is not easy to block, and the feeding is smooth.

#### Vertical crusher structure composition:

The structure consists of a lower frame, a casing, upper and lower shaft seats, a spindle, a hammer head, a hammer head bracket, a pulley, a motor frame, and other parts. The power is driven by a triangular belt to rotate the spindle. The spindle has two bearing seats, upper and lower, which are installed on the upper and lower ends of the casing. The casing assembly is installed on the lower frame, and the spindle is equipped with a hammer head and a hammer head bracket. 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, Easy to disassemble and repair.

#### The characteristics of a vertical crusher machine:

1. The structure is simple and reasonable, with low operating costs. Using the principle of stone striking, the wear is minimal.
2. High crushing rate and energy-saving.
3. It has the function of fine crushing and coarse grinding.
4. It is less affected by the moisture content of the material, and the moisture content can reach about 8%.
5. The working noise is below 75 decibels (dB level), and there is less dust pollution.
6. Suitable for crushing medium hard and extra hard materials.
7. The product is cubic in shape, with high stacking density and minimal iron pollution.
8. The impeller self lining has minimal wear and is easy to maintain.

#### Working process of vertical crusher:

The material enters from the feeding port and collides with the high-speed rotating casing inside the casing. After being impacted, the material is compressed and crushed, and then collides with the inner wall of the casing for counterattack before colliding with the hammer. During the falling process, it undergoes several impacts and becomes powder or particles below 3mm, which are discharged from the lower part.

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

#### Working principle:

The structure consists of the lower frame, the casing, the upper and lower shaft seats, the main shaft, the hammer head, the hammer bracket, the pulley, the motor frame, etc. The power is driven by the triangle belt to rotate the main shaft, and the main shaft has two upper and lower bearing seats, and the bearing seat is installed. At the upper end and the lower end of the casing, the casing assembly is mounted on the lower frame. The main shaft is provided with a hammer head and a hammer head bracket, and the feeding hopper is installed on the upper part of the casing. In order to facilitate loading and unloading the hammer head, a valve is opened on the casing, which is convenient.

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.



TONGDA HEAVY

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