High Moisture Material Fertilizer Crusher Machine Vertical High Speed Rotating

Our Product Introduction

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: New Type Vertical Crusher
- Capacity(t/h): 1-3 T/h
- Application: Compound Fertilizer Crushing
- Dimension(L*W*H): Depends On Different Models
- Usage: High Moisture Material Crusher
- Inlet Size: 600*400 Mm
- Highlight: **High Moisture Material Fertilizer Crusher Machine**, **Vertical Fertilizer Crusher Machine**, **High Speed Rotating Fertilizer Crusher Machine**

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Product Description

High Moisture Material Crusher Fertilizer New Type Vertical Crusher Machine

Vertical crusher machine is one of the commonly used crushing equipment in the compound fertilizer industry, suitable for crushing raw materials and return materials. The inner wall of the machine casing is lined with polypropylene board, which alleviates the problems of wall sticking and difficult cleaning. The chain cutter head is forged from special steel, which can effectively improve production efficiency. This machine has the characteristics of reasonable structure, convenient operation, and strong applicability.

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.

Performance characteristics:

1. Especially for high moisture material, it has strong application and is not easy to block, and the material discharging is smooth.
2. Crushing blade adopts special material, and service life is triple times than other crusher machine.
3. It has high crushing efficiency; being equipped with observation window makes the wearing parts finish replacement in 10 minutes.

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.

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