



10TPH Organic Fertilizer Production Line Cow Dung Powder Machine CE Approval

Our Product Introduction

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Basic Information

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



Product Specification

- Application: Powder Organic Fertilizer Production Line
- Production Capacity: 1-10 Tons/h
- Voltage: 380/220V/As Your Needs
- Applicable Materials: Chicken Dung, Pig Dung, Cow Dung, Sheep Dung, Etc
- Usage: Making Organic Fertilizer Pellets
- Core Components: Engine, Bearing, Gearbox, Motor, Gear
- Highlight: **10TPH Organic Fertilizer Production Line, 10 TPH Cow Dung Powder Machine, CE Cow Dung Powder Machine**



Product Description

Farm Poultry Organic Fertilizer Powder Production Line for Chicken Manure Raw Materials

The organic fertilizer powder production line uses animal manure as raw material, and through a series of operations such as high-tech equipment fermentation, crushing, stirring, and drying, the raw materials are made into fertilizer.

Organic Fertilizer Powder Production Line:

1 The production line of powdered organic fertilizer is a simple fertilizer production process with less investment.

2 Main technological processes: fermentation and decomposition of animal and plant raw materials, crushing, mixing, screening, grading and packaging of decomposed materials. Its process equipment consists of fermentation equipment, crusher, mixer, screening machine, packaging machine and auxiliary equipment.

Fermentation equipment :Mainly used for the fermentation of raw materials, to achieve industrial production, no dead ends.

er me nta tio n Pro ces s	At the beginning of the fermentation, about 60% of the material moisture enters the fermentation tank or stacked. The neophilia microorganisms in the compost use soluble and easily degradable organic matter as a source of nutrition and energy, rapidly proliferate, and release thermal energy, which causes the temperature of the compost to rise continuously. When the material temperature reaches 60 degrees, the compost turner starts to turn the material. During the turning process, the bacteria are fully exposed to oxygen to accelerate the reproduction of bacteria and reduce the moisture of the material. Until the temperature does not exceed about 50 degrees, stop fermentation and leave it there for 5-7 days, then the fermentation process is finished. This whole fermentation process is about 20-25 days, but it depends on the condition of the materials and the local temperature.
For klif t Fee der	The function of this machine is to store the fermented materials and deliver the materials evenly and quantitatively to the next conveyor. The machine is equipped with a frequency converter, which can adjust the conveying speed of the belt conveyor. An anti-smashing net is added inside the silo, and the filling material is slowly spilled into the silo to prevent large pieces of material from damaging the equipment. The middle and lower parts of the silo are equipped with anti-blocking stirring device and silo wall vibrator to prevent blocking.
Cru shi ng Pro ces s	Vertical crusher, the function of this machine is to crush the fermented material into powder of more than 40 mesh, and the moisture of the material should be controlled below 40%.
Scr een ing Pro ces s	Rotary screening machine, the function of this machine is to screen the crushed materials, and the finished materials will enter the next link. Because the semi-wet materials are screened, the screen holes are easy to block, and anti-blocking hitting devices are generally installed (same power as the main shaft). Large lumpy or granular materials sieved out can be fermented again or discarded according to their components. The mesh hole is 3-5 mm, and the material moisture is less than 20%, you can use 1 mm mesh, depending on the situation.
Ca che Sil o	The function of this machine is to store finished organic fertilizer materials. The machine is equipped with frequency converter to adjust the conveyor speed. It can realize the control of the packaging scale with electrical appliances to transport the materials as needed, and stop the transportation without the need to ensure that the powder packaging scale has a certain amount of materials at any time without causing blocking.
Pa cka gin g Pro ces s	Powdery packaging scale, the function of this machine is to quantitatively pack the finished materials (20-50 kg), with bucket (weigh the weight before the card bag, and directly drop the material after the card bag) and without bucket (the blank material after the card bag) Weighing) Two models, there are bucket scales equipped with automatic folding machine, automatic sewing machine, automatic cutting machine, only one person is required to operate.

Advantages of powder line:

1. Fit for new starter in fertilizer making field.
2. Small investment, high return.
3. If you want to expand the scale of production or transform into granular fertilizer into a production line, the powder fertilizer production equipment can still be used without waste.
4. The organic matter content is high, which has a significant effect of improving soil and fertilizing.
5. The nutrients contained are comprehensive, but the content is low, and the fat is small.
6. The fertilizer supply time is long, the fertilizer effect is slow and lasting.
7. It can fully integrate with the soil to form an organic complex, so the loss is small and the utilization rate is high.



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

Henan Tongda Heavy Industry Science And Technology Co., Ltd.



+8618538527111



admin@hntdfertilizermachine.com



organicfertilizerequipment.com

Xingyang Longgang Development Zone