



Biomass Cow Dung Pellet Making Machine Chicken Litter Pellets Processing Machine

Our Product Introduction

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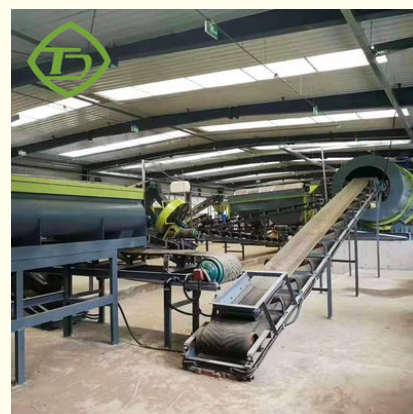
Basic Information

- 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

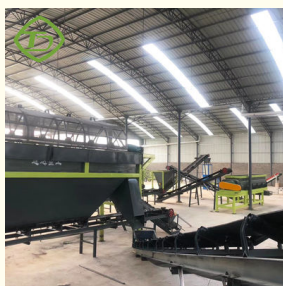


Product Specification

- Application: Powder Organic Fertilizer Production Line
- Production Capacity: 10 Tons/h
- Advantage: Small Investment, High Return
- Voltage: 220V/380V
- Applicable Materials: Chicken Dung, Pig Dung, Cow Dung, Sheep Dung, Etc
- Fertilizer Type: Organic Fertilizer
- Highlight: Biomass Cow Dung Pellet Making Machine, Chicken Litter Pellets Processing Machine, Biomass fertilizer pelletizer



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Product Description

High Production Chicken Manure Organic Powder Fertilizer Biomass Pellet Production Line

The powdery organic fertilizer production line is one of the simple organic fertilizer production lines, also known as small-scale organic fertilizer production lines. The powdery organic fertilizer production line is suitable for many small farms, and its configuration is dehydration, drying, fermentation, crushing, mixing, and packaging. . The technological process is to ferment, decompose, crush, mix and package organic fertilizer raw materials, animal manure or domestic garbage, sludge, distiller's grains, biogas residue, etc., so as to complete the processing of powdered organic fertilizer.

Organic fertilizer raw materials:

1. Agricultural waste: such as straw, soybean meal, cotton meal, mushroom residue, biogas residue, fungus residue, lignin residue, etc.
2. Livestock and poultry manure: such as chicken manure, cattle, sheep and horse manure, rabbit manure.
3. Industrial waste: such as distiller's grains, vinegar grains, cassava residue, sugar residue, furfural residue, etc.
4. Domestic waste: such as food waste, etc.
5. Urban sludge: such as river sludge, sewage sludge, etc. China's organic fertilizer raw materials classification: mushroom residue, kelp residue, phosphorus citric acid residue, cassava residue, sugar aldehyde residue, amino acid humic acid, oil residue, shell powder, etc., and peanut shell powder.
6. The development and utilization of biogas slurry and residue is one of the important contents of biogas promotion. According to many years of experiments, the utilization of biogas slurry and residue has many functions such as improving soil, preventing pests and diseases, and increasing yield.

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:

Q1: Are you trading company or manufacturer?

A: We are factory.

Q2: How long is your delivery time?

A: Generally it is 7-10 days if the goods are in stock. Or it is 15-30 days if the goods are not in stock, it is according to quantity.

Q3: What is your payment method?

A: 30% of total prices should be paid by T/T as down payment; 70% balance payment should be paid by T/T before delivery.

Q4: How long is the warranty of your equipments? Does your company supply the spare parts?

A: The warranty period of fertilizer equipments is one year. And we will supply the spare parts for you at lowest cost.

Q5: If I need the complete fertilizer production line can you help us to build it?

A: Yes, we can help you set up a fertilizer production line and give you related professional advices as long as you need. We had already build many fertilizer production line projects in China & Oversea.



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