



Organic Fertilizer Manufacturing Plant Animal Manure Fertilizer Production Line

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: 10-15days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 10 units per month



Product Specification

- Product Name: Fertilizer Production Line
- Production Capacity: 1-20 Tons/h
- Acceptable Raw Materials: Chicken Manure, Cow Dung, Sheep Dung
- Machine Type: Powdery
- Dimension(L*W*H): Customized
- Application: Fertilizer Making Machine
- Highlight: **Manufacturing Plant Fertilizer Production Line, Animal Manure Fertilizer Production Line, Organic Fertilizer Production Line**



Product Description

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The process flow of organic fertilizer powder production line can be simply divided into three processes: pre-treatment, primary fermentation, and post-treatment. Pre treatment: After the compost raw materials are transported to the yard, they are weighed by a scale and sent to a mixing and stirring device. They are mixed with organic wastewater from manufacturing and domestic use in the factory, and composite bacteria are added. The moisture and carbon nitrogen ratio of the compost are roughly adjusted according to the raw material composition, and then mixed before entering the next process. Primary fermentation: The mixed raw materials are fed into a fermentation tank using a loader and stacked into a fermentation pile. A fan is used to forcibly ventilate from the bottom of the fermentation tank to provide oxygen. At the same time, the pile is flipped for 2 days and supplemented with water (mainly organic wastewater from manufacturing and domestic use) and nutrients. The fermentation temperature is controlled between 50 ° C and 65 ° C, and aerobic fermentation is carried out. The primary fermentation cycle of this project is 8 days, Every day, one pool of raw materials is used to produce one pool of semi-finished products. After the fermented semi-finished products are discharged, they are ready to enter the next process.

The organic fertilizer fermentation equipment used in this set of organic fertilizer production line is aerobic fermentation bacteria, which has the characteristics of fast heating, good deodorization effect, and maturity. It is suitable for static fermentation and dynamic fermentation modes, and can effectively treat livestock and poultry manure and waste solid organic matter such as crop straw, rice straw, pine shell, peanut shell, rice bran, sawdust, leaves, mushroom residue, medicinal residue, sugar slurry, distiller's grains, sugarcane bagasse, monosodium glutamate residue, furfural residue, etc The protein and crude fiber in urban household waste can be rapidly heated, deodorized, sterilized, and decomposed. By controlling the temperature for about 15 days, viruses, pathogens, insect eggs, and weed seeds can be killed, achieving harmless treatment to effectively control soil diseases and pests and reduce pesticide consumption.

Model	Capacity(t/h)	Feature
Organic drum granulation production line	0.5-20t/h,1000-200000t/year	Raw material is power, add to 40% humidity,then make granules,dry granules.
Organic roller granulation production line	0.5-20t/h,1000-200000t/year	Raw material is power, add to 40% humidity,then make granules,dry granules.
Organic granulation production line	0.5-20t/h,1000-200000t/year	Raw material is power, add to 40% humidity,then make granules,dry granules.
Disc granulation production line	0.5-20t/h,1000-200000t/year	Raw material is power, add to 40% humidity,then make granules,dry granules.

The powdery organic fertilizer production line, like the granular organic fertilizer production line, uses animal manure to add crop auxiliary materials, which are processed into organic fertilizer through organic fertilizer equipment. Due to its simple process, less equipment required, and less investment, the cost of the powdery organic fertilizer production line can be recovered within a year. Many customers want to purchase a powdery organic fertilizer production line, and their main concern is the revenue of powdery organic fertilizer. The equipment required for the production line of powdered organic fertilizer includes an organic fertilizer flipper, a horizontal mixer, and a high humidity material crusher.



In the production line of powdered organic fertilizer, as the materials need to be crushed after fermentation, a crusher is needed. This machine has the same crushing effect on fermented organic fertilizer, sludge, biogas residue, coal gangue and other slag. The production capacity of the high humidity material crusher is 1-4 tons, and the feed moisture content is ≤ 40%. The power configuration and raw material moisture content of the production capacity meet the requirements of the powder organic fertilizer production line. Therefore, it is very suitable to match the high humidity material crusher with the powder organic fertilizer production line.

FAQ:

1..How should to do if I meet some trouble while using?

A:The English manual book and video will be provide for showing how to resolve the problems, if necessary, we will dispatch our engineer to your factory.

2. Do you provide the installation service afterordering your machines?

A:As for the single machine, we provide the users instruction and operation video.As for the production line,we provide the professional construction drawing,and arrange the engineer guide the user install the machines.Help the user train the skilled workers.

3.Can we visit your factory to see some fertilizer plant with your machine?

A:We really give every customer a warm welcome to visit our factory,and we can take the customer to visit fertilizer plants with our equipment.

Animal manures fertilizer pellet production line /organic fertilizer granulator production line for sale , inquiry now:)



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