



5TPH Rotary Drum Fertilizer Granulator Chicken Manure Fertilizer Pellet Making Machine

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: CE, ISO
- Model Number: TDZJZ-1060
- 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

- Product Name: Rotary Drum Granulator
- Applicable Industries: Fertilizer Equipment Production
- Capacity(ton/h): 5-8ton/h
- Voltage: 220V/380V
- Speed: 11-17
- Spindle Power: Y180M-4-18.5KW
- Highlight: 5TPH Rotary Drum Fertilizer Granulator, Chicken Manure Fertilizer Pellet Making Machine, 5TPH rotary drum granulator



More Images



Product Description

Complex Fertilizer Automated Compound Fertilizer Making Pellet Production Line

Drum granulator is a kind of forming machine that can make materials into specific shapes. The rotary drum granulator is one of the key equipment in the compound fertilizer industry, which is suitable for the large-scale production of cold and hot granulation and high, medium and low concentration compound fertilizer. The main working mode is wet granulation. The basic fertilizer is fully chemically reacted after being humidified in the cylinder through water or steam. Under the liquid phase condition, with the help of the rotation of the cylinder, the material particles are squeezed and agglomerated into balls.

Model	Body Power(kw)	Spindle Power(kw)	Capacity(ton/h)	Installed Size(mm)
TDZJZ-1060	Y132M-4-7.5	Y180M-4-18.5	3-5	7250*1250*1670
TDZJZ-1660	Y132M-4-11	Y180M-4-22	5-8	7600*1800*2300

Features of drum granulator:

1. The balling rate is up to 80%, there is a small amount of returned material, and the returned material has small particle size, which can be re pelleted;
2. The steam is used for heating to increase the material temperature, so that the water content of the material after pelleting is low and the drying efficiency is improved;
3. The rubber engineering plastics are used as the lining, so the raw materials are not easy to stick to the cylinder and play the role of anti-corrosion and thermal insulation;
4. Large output, low power consumption, low maintenance cost;



Working principle of drum granulator:

The working principle of this series of drum granulator is that the main motor drives the belt and pulley, and the reducer drives the belt and pulley to the driving shaft. The split gear installed on the driving shaft is engaged with the large gear ring fixed on the machine body to work in opposite directions. The material is added from the feeding end and passes through the inner part of the barrel. It is made into particles by the special structure inside the cylinder, and then flows out through the outlet. Due to the continuous entry of materials and the continuous rotation of the granulator, mass production can be realized.

FAQ:

1. Are you trading company or manufacturer ?

We are a manufacturer with a history over 40 years and have realized one-stop service for design, manufacture, installation, debugging and technical training.

2. How long is the delivery time?

For standard machines or Components, it would be 5-10 days; For non-standard machines and customized machines according to clients specific requirements, it would be appointment time.

3. Do you arrange shipment for the machines?

Yes, we will do that. For FOB or CIF price, we will arrange shipment for you. For EXW price, we will assist you in arranging shipment.

4. How about your product after-sales service?

Normally we provide video and written technical support. If necessary, our engineers can also provide on-site service. Our product accessories can be selected according to the actual needs of the customer to choose the most appropriate way to deliver.

5. What kinds of certificate you have?

ISO 9001: 2015 SGS and we can make other certificates according to customers' detailed requirements.

6. How to guarantee the quality and operation before loading?

We have our own quality control department and have advance quality control system while from raw materials to finished products. All the machines and production lines shall be 100% checked and tested before delivery.



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