



## 8TPH Rotary Drum Fertilizer Granulator Machine For Dry Granulation Manure

Our Product Introduction

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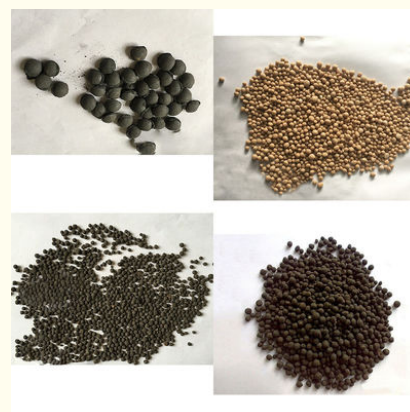
### Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: CE, ISO
- 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

- Machine Type: Granulator
- Power: 22KW
- Product Name: Rotary Drum Granulator
- Applicable Industries: Organic Fertilizer Equipment Production
- Capacity(ton/h): 5-8ton/h
- Voltage: 220V/380V
- Highlight: Rotary Drum Fertilizer Granulator Machine, 8TPH Rotary Drum Fertilizer Granulator, Dry Granulation Manure drum granulator



### More Images



## Product Description

### Animal Manure Rotary Drum Roller Compactors for Dry Granulation Manure Granulating

The organic fertilizer rotary drum churning granulator is a material can be made into a specific shape of the molding machinery. Drum granulator is one of the key equipments in the compound fertilizer industry, which is suitable for the mass production of cold and hot granulator and high, medium and low concentration compound fertilizer. The main working mode is granulation by pellet wet method. A certain amount of water or steam is used to make the basic fertilizer fully react after humidifying in the cylinder body. Under a certain liquid phase condition, with the help of the rotating movement of the cylinder body, extrusion pressure is generated between the material particles to aggregate into balls. The cylinder is lined with special rubber board or acid-proof stainless steel board, which can automatically remove scar and tumor and eliminate the traditional scraper device. This machine has the characteristics of high ball strength, good appearance quality, corrosion resistance, wear resistance, low energy consumption, long service life, easy operation and maintenance, etc. Wet stirring tooth granulator USES high speed rotary mechanical mixing force and the resulting aerodynamic force, so that the fine powder material in the machine to achieve continuous mixing, granulation, spheroidization, densification and other processes, so as to achieve the purpose of granulation. The combination of these two granulation methods makes the granules with higher pellet formation rate, more beautiful appearance, energy saving and energy saving.

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

#### Performance characteristics:

1. Particle size distribution is centralized and easy to control. Compared with the natural agglomeration granulator (such as rotary disk granulator, drum granulator), the particle size distribution is concentrated.
2. High organic content. The granules produced are spherical. Organic content can be up to 100%, the realization of pure organic granulation.
3. Granulation without edges and corners, powder rate is very low. Spherical granules have no acute Angle after granulation, so the pulverization rate is very low.
4. High efficiency. Easier to meet the requirements of mass production.



#### Working principle:

Using high speed rotary and mechanical stirring and the resulting aerodynamic force, so that the fine powder material in the machine to achieve continuous mixing, granulation, spheroidization, densification and other processes, so as to achieve the purpose of granulation. Particle shape is spherical, spherical degree 0.7, particle size is generally between 0.3-3 mm, the granulation rate 90%, the size of particle diameter can be properly adjusted by the size of the material water mix and spindle speed, usually the lower the mixing amount, the higher the speed, the smaller the particle, and vice versa.

#### 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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