



## 0.8-1.2t/h Wet Type Granulation Fertilizer Disc Granulator Manure Disc Granulator

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: ISO,CE
- Model Number: TDYZ-1500
- 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: Disc Granulator Machine
- Machine Type: Organic Fertilizer Granulation
- Application: Fertilizer Pellet Making Machine
- Function: Produce Organic Fertilizer Pellet
- Color: Customers' Demand
- Working Method: Wet Process
- Production Capacity: 93%
- Highlight: **Wet Type Disc Granulator , Granulation Disc Granulator , Fertilizer Disc Granulator**



## Product Description

### 0.8-1.2t/h Wet Type Granulation Fertilizer Disc Granulator Manure Disc Granulator

The disc granulator produced by our company, also known as the pan granulator, is widely used in the production and granulation of organic and compound fertilizers. It runs smoothly during use and is one of the ideal equipment in the production process of organic and compound fertilizers. It is highly welcomed by customers.

#### Working Principle:

By adding water raw material powder can mix evenly, then being transported into the disk; as the rotation of disc, material inside gradually formed globular by rolling; After achieving the predetermined diameter, the granulation will be out of the pan to the next procedure again.

#### Characteristics of Performance:

- 1.High efficiency.
- 2.Long service life.
- 3.The plates are reinforced with a number of radiant steel plates, which are durable and never deformed.
- 4.The main gear of granulator adopts high frequency quenching technology, and its service life is doubled.
- 5.There is high strength fiberglass in the granulation pan making the machine durable.
- 6.Uniform granulation, high granulation rate, stable operation, durable equipment and long service life.

#### Parameters of disc granulator:

Model	Diameter of Disc(mm)	Edge Height(mm)	Rotary Speed(r/min)	Motor Power(kw)	Capacity(t/h)
TDYZ-500	500	200	32	0.55	0.02-0.05
TDYZ-600	600	280	33.5	0.75	0.05-0.1
TDYZ-800	800	200	21	1.5	0.1-0.2
TDYZ-1000	1000	250	21	1.5	0.2-0.3
TDYZ-1200	1200	250	21	1.5	0.3-0.5
TDYZ-1500	1500	300	21	3	0.5-0.8
TDYZ-1800	1800	300	21	3	0.8-1.2
TDYZ-2000	2000	350	21	4	1.2-1.5

#### Advantages of disc granulator:

1. The rate of pellets is higher and little recycle.which make it more efficient in making granules.
2. Disc granulator requires less maintenance and have fewer parts that need placing.
3. It can be used widely for many industries,such as chemical industry,mining industry and agricultural industry.

#### Characteristics of disc granulator:

1. It has a good grading effect and can control the solution to spray on fine particles, so the ball forming rate is high and the production of large particles is relatively small; All operations straight
- Observing, in order to quickly detect the operation situation during the operation process, adjust it in a timely manner, and have greater flexibility in producing various products, with a wide range of force control, compared to Provincial investment in equity conversion granulator.
2. The granulation disc adopts an overall circular arc structure, with a ball forming rate of over 93%.
  3. The reducer and motor are driven by flexible belts, ensuring smooth starting, reducing impact force, and improving equipment service life.
  4. The bottom of the granulation plate is reinforced with multiple radiating steel plates, which are sturdy, durable, and never deform.
  5. The thickened, weighted, and sturdy base design eliminates the need for anchor bolts for stable operation.
  6. After multiple research and development experiences in the manufacturing of multi compound fertilizer granulator equipment, we carefully manufacture it using high-quality anti-corrosion and wear-resistant materials, which have a beautiful appearance
- With the advantages of simple operation, low energy consumption, long service life, and high granulation rate, it is a relatively advanced compound fertilizer granulation equipment in China, with products available throughout the country.



#### 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.



TONGDA HEAVY

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