



## Widely Used 1.2-1.5t/h Fertilizer Disc Granulator Making Fertilizer Granules Machine

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

- Features: Smooth Operation
- Product Name: Disc Granulator Machine
- Usage: Making Fertilizer Particle
- Application: Fertilizer Pellet Making Machine
- Turning Speed: 21r/min
- Dimension(L\*W\*H): Customized
- Capacity (t/h): 1.2-1.5
- Highlight: Pellet Fertilizer Disc Granulator,  
1.2-1.5t/h Fertilizer Disc Granulator



## Product Description

### Pan Granulator Disc Granulator Poultry Manure Disc Type Pelletizer Granulator Machine

Disc granulator (also known as pan disc granulator) are the equipment of choice for converting powdered materials into uniform, round pellets. Disc granulator utilize a non-pressure (tumble growth) approach to agglomeration and work by tumbling material on a rotating disc, with a binding agent and feedstock being continuously added. The binding agent causes the fines (or seed pellets, when utilizing a pre-conditioning step) to become tacky and pick up additional fines as the material tumbles against itself. This causes a "growing" action referred to as coalescence. Once pellets have reached the desired size, they exit the rotating disc via centrifugal force.

Disc fertilizer granulator emerges with the development of fertilizer production. It is appropriate for granulating round fertilizer particles for compound or organic fertilizer for convenient transportation and storage.

#### 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.



The bottom of the granulation plate is strengthened with a number of radiant steel plates, which are durable and never deformed. We use the best steel to produce our products, so as to ensure the quality and longevity of our products.

#### 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

**Henan Tongda Heavy Industry Science And Technology Co., Ltd.**



+8618538527111



admin@hntdfertilizermachine.com



organicfertilizerequipment.com

Xingyang Longgang Development Zone