

## Organic Fertilizer Pellet Disc Granulator Machine Wet Process 21r/Min

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: Granulator Machine
- Application: Fertilizer Pellet Making Machine
- Function: Produce Organic Fertilizer Pellet
- Color: Customers' Demand
- Working Method: Wet Process
- Highlight: **Wet Process Fertilizer Disc Granulator, Organic Fertilizer Pellet Disc Granulator, Fertilizer Granulator Machine 21r/min**



## Product Description

### Organic Fertilizer Pellet Disc Granulator Machine Fertilizer Granular Plant Line

The granulation disc adopts an overall arc structure, and the granulation rate can reach 93 or more. The pelletizing disc is equipped with three discharge ports for easy intermittent production operations. The reducer and motor are driven by flexible belts, which can start smoothly and reduce the impact force. The bottom of the pelletizing disc is reinforced by multiple radiant steel plates, which is durable and never deformed.

The disc granulator is a type of granulator. The disc of the disc granulator is lined with high-strength glass fiber reinforced plastic, which has the advantages of uniform granulation, high granulation rate, stable operation, sturdy and durable equipment, and long service life. Very ideal granulating equipment.

#### How disc granulator works?

Disc granulator work by tumbling raw material on a rotating disc. The fines or seed pellets become sticky with the water or steam and pick up feeding raw materials as they tumble, this allows the pellets to grow to the desired size, at which point they exit the granulator and are sent to the rotary dryer for following process by the belt conveyor.

#### The component of disc granulator:

1. Disc
2. Drive assembly
3. Scraper blade and its support
4. Support base
5. Adjustment device

#### 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 makes 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.



#### 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.

