



1-3t/h Biohumus Organic Fertilizer Granulator Machine Pan Granulator 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

- Product Name: Disc Granulator Machine
- Machine Type: Granulator
- Application: Fertilizer Pellet Making Machine
- Turning Speed: 21r/min
- Voltage: 380V
- Capacity: 1-10ton/h
- Advantage: Widely Usage
- Highlight: **Biohumus Organic Fertilizer Granulator Machine**
, 3t/h Fertilizer Granulator Machine



Product Description

1-3t/h Biohumus Organic Fertilizer Granulator Machine Pan Granulator Machine

The disc granulator, also known as the ball disc, can be used for various dry powder granulation and dry wet granulation. The bottom of the granulation plate is reinforced with multiple radiating steel plates, which are sturdy, durable, and do not deform. The disc granulator production line is suitable for small-scale production of organic and organic-inorganic mixtures.

The inclination angle of the disc granulator is generally adjusted within the range of 35-55 degrees, and the speed is generally 10-18 r/min. If the angle is too large and the dwell time is long, the particle size will be larger. If the angle is too small and the dwell time is short, the particle size will be smaller. It can be adjusted according to the situation during the production process.

The factors affecting the disc granulator mainly include disc diameter, disc cleaning, disc edge height, rotational speed, urine spraying position, scraper position, etc.

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 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.



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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