



Powder Material Manure Granulator Organic Fertilizer Granulation Machine

Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: CE, ISO
- Model Number: TDJZ-600
- 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: Stirring Teeth Granulator
- Power: 75KW
- Capacity: 2-3ton/h
- Feed Moisture: 20%-40%
- Feeding Size(mesh): 50
- Install Angle: 2-2.5°
- Highlight: Powder Material Manure Granulator , Organic Fertilizer Granulation Machine, Organic Fertilizer Manure Granulator



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Product Description

Powder Material Organic Fertilizer Granulation Machine Stirring Teeth Granulator

The newly developed organic fertilizer agitating granulator is a molding machine that can manufacture materials into a specific shape. The wet agitating granulator uses the mechanical stirring force of high speed rotation and the resulting aerodynamic force to continuously mix fine powder in the machine, achieve granulation, spherification, densification and other processes, so as to achieve the purpose of granulation. This granulation method has high pellet formation rate, beautiful granule appearance and energy saving.

Advantages of stirrer granulator:

1. Compared with natural agglomeration granulation device (such as rotary disc granulator and drum granulator), it has a centralized particle size distribution and is easy to control.
2. High efficiency, easier to meet the requirements of mass production.
3. Spherical particles have no sharp angle after granulation, so the pulverization rate is very low.

Model	TDJZ-600	TDJZ-800	TDJZ-1000	TDJZ-1200	TDJZ-1500
Installation Angle	2°-2.5°	2°-2.5°	2°-2.5°	2°-2.5°	2°-2.5°
Capacity(t/h)	1-1.5	1.5-2.5	2-4	4-6	6-8
Total Power(kw)	37	55	75	90	110
Moisture Of Feeding Material	35%-45%	35%-45%	35%-45%	35%-45%	35%-45%
Size Of Feeding Material (mesh)	50	50	50	50	50
Dimensions	4100*1600*1150	4250*1850*1300	4700*2350*1600	4900*2550*1800	5500*2800*2000

Working principle:

By using the mechanical stirring force of high-speed rotation and the resulting aerodynamic force, the fine powder can be continuously mixed, granulated, spheroidized and compacted in the machine to achieve the purpose of granulation. The particle shape is spherical, the sphericity is ≥ 0.7 , the particle size is generally 0.3-3mm, and the granulation rate is $\geq 80\%$. The size of the particle diameter can be properly adjusted by the material mixing volume and the spindle speed. Generally, the lower the mixing volume, the higher the rotation 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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