



Pelletizing Disc Granulator Fertilizer Production Line Chicken Manure Pellet Machine

Our Product Introduction

for more products please visit us on organicfertilizerequipment.com

Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: ISO,CE
- Model Number: TDYZ-500
- Minimum Order Quantity: 1
- Packaging Details: According to customer requirements
- Delivery Time: 3-10 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 200 units per month



Product Specification

- Product Name: Disk Granulator Production Line
- Fertilizer Type: Granulator
- Power: 45KW
- Core Components: PLC
- Inclination: 35-55°
- Rotating Speed(r/min): 19
- Highlight: Pelletizing Disc Granulator,
Disc Granulator Fertilizer Production Line,
Disc Chicken Manure Pellet Machine



Product Description

Disk Granulating Fertilizer Machine Chicken Manure Fertilizer Making Machine

Animal manure organic fertilizer disc granulator making machine is new type disc granulator machine, it is an ideal equipment for organic fertilizer and compound fertilizer. The granulation rate is up to 95% or more. The main gear of the granulator adopts high frequency quenching and doubles the service life. The disk lined with high-strength glass fiber reinforced plastic, the bottom of the plate with a number of radiation plate to strengthen, so the disc will be durable and never deformation.

Working Principle:

The pan rotates at a certain angle with the horizontal driven by the motor through reducer. The powder will rise along with the rotating pan under the friction between the powder and the pan; on the other hand, the powder will fall down under gravity. At the same time, the powder is pushed to the pan edge because of the centrifugal force. The powder materials roll in a certain trace under these three forces. It gradually becomes the required size, then overflow by the pan edge. It has the advantages of high granulating rate, uniform granule, high strength, easy to operate, convenient to maintain, etc.

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

Main Features:

1. The disk angle is designed with circular arc structure. Hence, the granulation rate may reach 93% or above.
2. The disk of our disc granulator is designed with three discharging holes, which is convenient for intermittent production work. This largely reduces labor intensity and increases working efficiency.
3. The reducer and motor of our disc granulator are both driven by flexible belt, which ensures stable start, reduced impact force and longer service life.
4. Disc bottom is reinforced by multi-strip radiation steel plates, so it is wear resistant, durable and will never deform.
5. Thickened and strengthened granulator-base provides our disc granulator with stable operation. Therefore, our disc granulator is no need to be fixed by foundation bolts.
6. The main gear is processed by high frequency quenching technique. As a result, the lifetime of our disc granulator is greatly prolonged.
7. The granulator disk is lined with glass reinforced plastics, which is anti-corrosive and durable.



FAQ:

Q: Can I use this production line to produce multi granularity particles?

Yes, our production line is multifunctional. We can customize ring moulds of different sizes. In this way, you can easily adjust the size of your ball.

Q: I know little about the fertilizer production line. How to choose the most suitable machine?

Just tell us your raw materials, capacity (tons / hour) and the size of the final particle product, and we will choose the machine for you according to your specific situation.

Q: Our workers don't know how to operate the production line. What should I do?

Our engineers will guide on-site workers on how to install machines and build workshops. Then, our engineers will test the production line on site and train your workers how to operate it.

Q: Are you a trading company or a manufacturer?

We have a large factory in Jiaozuo, China, covering an area of 10000 square meters. Welcome to visit.

Q: What's the Production Period of the Fertilizer Machine?

For single fertilizer machine, our production time is 7 days; and for whole fertilizer production line, our production time is no more than 30 days.

Q: What's the Quality Guarantee and Certifications?

all of our machine have passed ISO and CE certification, we can guarantee the highest quality and our warranty time is 5 years after shipment date.



TONGDA HEAVY

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



+8618538527111



admin@hntdfertilizermachine.com



organicfertilizerequipment.com

