



2.5 TPH Disc Fertilizer Granulator Balling Disc Pelletizer Machine

Our Product Introduction

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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 Granulating Fertilizer Machine
- Application: Fertilizer Pellet Making Machine
- Advantage: High Granulating Rate
- Rotation Speed: 18-24 R/m
- Output (kg/h): 2000
- Machine Type: Granulator
- Highlight: **2.5 TPH Disc Fertilizer Granulator, Fertilizer Balling Disc Pelletizer, Balling Disc Pelletizer Machine**



Product Description

Pellet Making Machine Capacity 0.3-2.5 Tph Disc Pelletizer Fertilizer Granulator

Disc granulator, also known as balling disc, balling machine, disc granulator, etc., is a kind of equipment that rolls the materials in the disc into balls and particles by tilting the disc of the balling disc. The disc granulator is widely used in the fertilizer manufacturing industry and mining industry.

Introduction of Disc pelletizers:

1. Disc pelletizers adopts the integral arc structure, and the granulation rate is high.
2. There are three discharge ports in the pelletizing plate, which is convenient for intermittent production and greatly reduces the labor intensity and improves the labor efficiency.
3. The reducer and motor use flexible belt drive, start smoothly, slow down the impact force, and improve the service life of the equipment.
4. The pelletizing plate bottom is reinforced by multiple radiating steel plates, strong and durable, and never deformed.
5. Thickened, heavier, sturdy base design, no need for anchor bolts fixed, smooth operation.

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

Working principle of Disc pelletizers:

1. All kinds of dry powder materials are added from the top of the equipment.
2. After degassing, screw pre-compression and transportation to the arc groove of two rolls, two rolls rotate in the same speed, reverse rotation, bite the material into the slot and carry on the forced compression.
3. The pressure on the material after passing through the compression zone decreases gradually, and its surface tension and gravity make it come out naturally.
4. It enters the shredder and the granulator to crush, trim, and then go into the vibrating screen for screening.
5. The qualified product is sent to the finished product bin or directly packed through the conveyor, and the material under the powder screen is sent back to the original bin again through the material return device for secondary roll pressing, and the extrusion pressure can be adjusted by hydraulic system according to the need of particle strength.



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



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