



Double Roller Press Granulator Compact Roller Press Manure NPK 5mm Compound Fertilizer Granulator Machine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: ISO, CE
- Model Number: TDJZ-1.5T
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: According to customer requirements
- Delivery Time: 5-15 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100 units per month



Product Specification

- Name: Fertilizer Double Roller Granulator Machine
- Capacity: 1-1.5t/h
- Working Method: Extrusion
- Function: Granulate
- Raw Material Moisture: 2-5%
- Granular Size: 2-6mm
- Acceptable Raw Materials: Chicken Manure, Cow Dung, Sheep Dung
- Highlight: **5mm Compound Fertilizer Granulator, NPK Compound Fertilizer Granulator, Compact Roller Press Granulator**



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Product Description

Double Roller Press Granulator Compact Roller Press Manure NPK 5mm Compound Fertilizer Granulator Machine

The Fertilizer Double Roller Granulator Machine is an efficient fertilizer production equipment that uses advanced double roll granulation technology to directly manufacture pellets by physically pressing raw materials without the need for adding moisture or other binders. This equipment is suitable for the production of various fertilizers, including organic fertilizers, inorganic fertilizers, and compound fertilizers, which can greatly improve the efficiency and particle quality of fertilizer production.

Main Features:

1. Efficient and energy-saving:

This machine uses double roll pressing to granulate raw materials, avoiding the drying steps required in traditional granulation processes, thereby significantly saving energy consumption and production costs. By improving production efficiency, enterprises can obtain higher production profits.

2. Uniform particles, adjustable particle size:

The double roll granulator ensures uniform particle size and high particle strength, meeting the market's demand for different particle sizes. By adjusting the machine settings, the particle size can be flexibly controlled to meet the production needs of different customers.

3. Wide applicability:

This machine can be used for granulation of various fertilizer raw materials, including but not limited to nitrogen fertilizer, phosphorus fertilizer, potassium fertilizer, compound fertilizer, and organic fertilizer. Its wide applicability makes this equipment an ideal choice for various fertilizer production lines.

4. Simple operation and easy maintenance:

The Fertilizer Double Roller Granator Machine is designed to be simple, easy to operate, and capable of achieving automated production. The maintenance and cleaning of the equipment are also very simple, greatly reducing labor costs and equipment downtime.

5. High stability and durability:

This machine is made of high-quality materials, which are wear-resistant and corrosion-resistant, and can operate efficiently and stably for a long time, adapting to high-intensity production environments. The double roller section is made of special alloy materials that are resistant to high temperatures and pressures, ensuring that the equipment can work smoothly even under high loads.

Place of Origin	China
Product Type	FERTILIZER
Condition	New
Machine Type	Granulator
Output (kg/h)	1-3t/h
Video outgoing-inspection	Provided
Machinery Test Report	Provided
Marketing Type	Hot Product 2023
Warranty of core components	1 Year
Core Components	Bearing, Motor, Gear
Voltage	220V/380V
Dimension(L*W*H)	2000*1050*2050(mm)
Weight (KG)	430
Power (kW)	15
Warranty	1 Year
Key Selling Points	High Productivity
Applicable Industries	Manufacturing Plant, Farms, Energy & Mining
Showroom Location	None
Color	Customer's Request
Application	Fertilizer Granulate Making Machine
After-sales Service Provided	Free spare parts
Working method	Extrusion
Function	Granulate
Certification	CE, ISO9001

Advantages of zinc sulphate fertilizer granulation machine / double roller granulator:

1. No drying process, normal temperature granulating, one-step forming of granuation in Double Roller Granulator;
2. Low energy consumption and no waste water or gas emission;
3. Easy operation and maintenance, no need installation of foundation for Double Roller Granulator
4. Compactor rollers adopt hihg chrome alloy which is resistant to corrosion, wear and impact.



Working principle: adopts the design solution of extrusion sliding model, the raw materials pass through double roller, after that, enter into scattering room, come out as granulation, a sieving was mounted at the bottom of the machine, which is customized according to client's requirement, last, sieve out the granules which is qualified, the rest of materials return to mixer and be re-granulated.

Double Roller Fertilizer granulator machine:

This roller granulator machine can process many types fertilizer (organic fertilizer, inorganic fertilizer(NPK), biological fertilizer, magnetic fertilizer, etc.). Especially to make rare earth, potassium fertilizer, and ammonium bicarbonate series compound fertilizer.

1. The granules ball rate more than 85-95% .
2. The granules size: 3-10mm .
3. The fertilizer granules compressive strength: 10-25N.
4. Raw material moisture: >10%.

Pre-sale:

1. Our account manager will communicate with you the product requirements related to your machine.
2. We offer free product plans, packaging drawings and 3D renderings to save your budget.
3. We will provide our own quotation and proof of our machines.
4. We have a professional R & D department, to provide you with the most professional technical support.
5. We can make granulation experiment according to your raw materials.

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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