



Extrusion Compound Fertilizer Granulation Production Line Double Roller Fertilizer Line

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: Double Roller Extrusion Granulator Machine
- Output (kg/h): 1-1.5t/h
- Machine Type: Granulator Powder Or Granula
- Granules Diameter: 11-45kw
- Raw Material Moisture: 2-5%
- Application: Making Compound Fertilizer, chemical Fertilizer
- Voltage: 380V/Customized
- Highlight: **Compound Fertilizer Granulation Production Line**
, **Double Roller Fertilizer Granulation Production Line**



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Product Description

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The Introduction of Double Roller Press Granulator:

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.

The raw material enters from the feeding hopper, extrudes through the mold shell above the 2 roller skins, and enters the crushing and forming module in the lower part of the roller body after demolding, crushing the whole sheet of granule plate into loose granules flowing out of the machine. The pellets are in the shape of flat balls, similar to apricot kernels. The size of the pellet is determined by the size of the mold, and the mold can be customized.

Applicable materials: powdery organic fertilizer, compound fertilizer, graphite, mineral powder, industrial salt, snow-melting agent, fragrance beads, etc. Part of the coarse fiber materials can also be used.

Unsuitable materials: high moisture and high viscosity materials are easy to stick to the roller skin when extruding, which causes the phenomenon of off-roller, so it is not applicable.

Product features of roller granulator:

1. Roller press granulator is produced by non-drying process, granulating at room temperature, and forming at one time. It has the characteristics of less investment, quick effect and good economic benefits.
2. The structure of this machine adopts granulation, forming and screening as a whole, which makes it have the characteristics of beautiful appearance, simple operation and low energy consumption.
3. Wide adaptability of raw materials, the machine can not only be used for granulation in fertilizer, feed and chemical industries, but also has good applicability especially for rare earth, metallurgy, coal, biological preparations, and environmental protection projects.

Model	Power(kw)	Granule Diameter(mm)	Roller Sheet Size(mm)	Dimensions(mm)
TDJZ-1T	15	3-10	150*220	1450*800*1450
TDJZ-1.5T	22	3-10	150*300	1450*850*1500
TDJZ-2T	30	3-10	185*300	1630*850*1650
TDJZ-3T	37	3-10	300*300	1850*1100*2050

Supports customization:

Roller material: Roller can be customized, the material is high chrome 13/304 stainless steel, by the surface dip treatment, corrosion and wear resistance effect is quite good

Dispersing device: A dispersing device can be added to the inlet and outlet to prevent raw materials and finished products from sticking together.

Paintbrush: Add brushes under the roller to prevent materials from sticking to the roller.

Universal customization: motor, color, LOGO, voltage customization 110/220/380V

If you have other needs, please contact us and we can help you!



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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