



NPK Fertilizer Cooling Machine Granulator Rotary Drum Cooler

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: CE, ISO
- Model Number: TDLQ-1010
- Minimum Order Quantity: 1
- 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

- Product Name: Fertilizer Rotary Cooling Equipment
- Advantage: Low Consumption High Efficiency
- Rotation Speed (r/min): 3-8
- Power: 18KW
- Capacity: 10-18
- Inlet Air Temperature: ≤ 700
- Highlight: NPK Fertilizer Cooling Machine, Granulator Rotary Drum Cooler, NPK Rotary Drum Cooler



More Images



Product Description

Npk Compound Fertilizer Cooler Granulator Machine Dryer Rotary Drum Cooler

The cooling machine of the organic fertilizer equipment accelerates the air flow inside the rotary cylinder under the suction of the induced draft fan (used in conjunction with the equipment), and continuously turns up the material through the lifting plate installed on the rotary wall, thus achieving the purpose of cooling. This machine is mainly used for the production of organic fertilizer, compound fertilizer and compound fertilizer. It cools the granular fertilizer at a certain temperature. The rotary cooler is used together with the dryer, which can greatly improve the cooling speed, reduce the labor intensity, increase the output, further remove some moisture and reduce the grain temperature of compound fertilizer. The rotary cooler can also be used for cooling other powder and granular materials. The equipment has compact structure, high cooling efficiency, reliable performance and strong adaptability.

Operating principle of organic fertilizer equipment cooler:

1. The belt pulley is driven by the motor and transmitted to the driving shaft through the reducer. The split gear installed on the driving shaft engages with the large gear ring fixed on the body and works in opposite direction.
2. The material is added from the feeding end, and the air flow inside the cylinder is accelerated under the suction of the internal induced draft fan (used with this machine). The lifting plate installed on the inner wall of the cylinder constantly turns the material up, so as to achieve the purpose of uniform cooling.
3. The cooled material flows out from the outlet.
4. With the continuous rotation of the motor, mass production can be realized only when the materials are continuously entered.

Model	Power (kw)	Reducer Model	Intake Temperature (degree)	Installation Angle (degree)	Rotary Speed (r/min)	Output (t/h)
TDLQ-0808	5.5	ZQ250	above 300	3-5	6	1-2
TDLQ-1010	7.5	ZQ350	above 300	3-5	6	2-4
TDLQ-1212	7.5	ZQ350	above 300	3-5	6	3-5
TDLQ-1515	11	ZQ400	above 300	3-5	6	4-6
TDLQ-1616	15	ZQ400	above 300	3-5	6	6-8
TDLQ-1818	22	ZQ500	above 300	3-5	5.8	7-12
TDLQ-2020	37	ZQ500	above 300	3-5	5.5	8-15
TDLQ-2222	37	ZQ500	above 300	3-5	5.5	8-16
TDLQ-2424	45	ZQ650	above 300	3-5	5.2	14-18

Characteristics of rotary drum cooler:

Rotary Drum Cooler adopts heating exchange method to cool materials. It is equipped with welded steel spiral scraping wings in front of the tube, lifting board at the end of the rotary body, and auxiliary piping system in the feed end of the cooling machine. The belt and pulley are driven by the main motor and through the reducer the drive shaft is put in motion. Use dryer together can greatly improve the cooling rate, reduce labor intensity and improve the quality, further remove moisture, reduce the grain temperature of fertilizer. At the same time, can also be used for cooling powder, other granules 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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