



Compost Rotary Screen Machine Organic Fertilizer Screening Equipment

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: CE, ISO
- Model Number: TDGS-1020
- Minimum Order Quantity: 1
- Packaging Details: According to customer requirements
- Delivery Time: 5-10 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 150 units per month



Product Specification

- Product Name: Rotary Screening Machine
- Product Application: Organic Fertilizer Production Equipment
- Voltage: 380V
- Rotating Speed: 12-22r/min
- Power: 2.2-11kw
- Production Capacity: 1-30ton/h
- Highlight: Compost Rotary Screen Machine, Organic Fertilizer Screening Equipment, Fertilizer Rotary Screen Machine



More Images



Product Description

Compost Rotary Screen Machine Efficient Energy Organic Fertilizer Screening

The rotary sieving machine is mainly used for the separation of the finished products (powder or granules) and the return material, and can also realize the grading of the products, so that the finished products (powder or granule) can be evenly classified.

This machine is adopts a combined screen mesh for easy maintenance and replacement. This machine has simple structure, convenient operation and stable operation etc advantage , and it is an ideal equipment in the production process of organic fertilizer and compound fertilizer.

Product introduction:

The rotary sieving machine is mainly constitute of motor, gear reducer , roller device, frame, sealing cover, and inlet and outlet etc . The roller device is obliquely mounted on the frame, and the motor transmits power through the gear reducer , and is coupled to the roller device through the coupling to drive the roller device to rotate about its axis . After the material (granule) enters the roller device, due to the tilting and rotation of the roller device, the material on the screen is turned over and rolled , so that the right size material (the product under the sieve) is discharged through the discharge hole at the bottom of the rear end , and the unqualified material (on the sieve) is discharged through the discharge hole at the end of the sieving device. The material continuously flip and scroll in the sieving device , so that the material stuck in the sieve hole can be ejected to prevent the screen hole blocked . The screening cylinder can be closed, easy to close and collect dust, and meet the requirements of environmental protection.

Model	Power(kw)	Reducer	Drum Speed(r/min)	Screening Capacity(t/h)
TDGS-1020	3	ZQ250	21	1-2
TDGS-1030	3	ZQ250	21	2-3
TDGS-1240	4	ZQ250	18	3-5
TDGS-1540	5.5	ZQ350	16	5-8
TDGS-1560	5.5	ZQ350	16	6-10
TDGS-2080	11	ZQ450	12	10-20

Working principle:

The self-clearing cage drum screening machine performs reasonable rotation of the equipment center separation cylinder through the gearbox type deceleration system. The center separation cylinder is a screen composed of several annular flat steel rings. The center separation cylinder is installed with the ground plane. In the inclined state, the material enters the cylinder net from the upper end of the central separation cylinder during the working process. During the rotation of the separation cylinder, the fine material is separated from the top to the bottom through the screen interval composed of the annular flat steel, and the coarse material is separated from the lower end of the separation cylinder. Drain into the pulverizer. The device is provided with a plate type automatic cleaning mechanism. During the separation process, the screen body is continuously "combed" by the cleaning mechanism through the relative movement of the cleaning mechanism and the sieve body, so that the sieve body is always cleaned throughout the working process. It will not affect the screening efficiency due to the clogging of the screen.



FAQ:

Q1: Are you trading company or manufacturer?

A: We are factory.

Q2: How long is your delivery time?

A: Generally it is 7-10 days if the goods are in stock. Or it is 15-30 days if the goods are not in stock, it is according to quantity.

Q3: What is your payment method?

A: 30% of total prices should be paid by T/T as down payment; 70% balance payment should be paid by T/T before delivery.

Q4: How long is the warranty of your equipments? Does your company supply the spare parts?

A: The warranty period of fertilizer equipments is one year. And we will supply the spare parts for you at lowest cost.

Q5: If I need the complete fertilizer production line can you help us to build it?

A: Yes, we can help you set up a fertilizer production line and give you related professional advices as long as you need. We had already build many fertilizer production line projects in China & Oversea.



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