



Farm Pig Original Manure Wastewater Treatment Equipment Sloped Screen Solid Liquid Separator

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: CE, ISO
- Model Number: TDXS-001
- Minimum Order Quantity: 1
- Packaging Details: According to customer requirements
- Delivery Time: 3-7 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 300 units per month



Product Specification

- Product Name: Sieve Screen Solid-liquid Separation
- Handling Capacity: 20-40 M³/h
- Weight (KG): 560 Kg
- Body Material: Stainless Steel
- Use: Liquid And Solid Separating
- Applicable Industries: Farms, Home Use
- Highlight: Sloped Screen Solid Liquid Separator, Farm Pig Solid Liquid Separator, Manure Wastewater Treatment Solid Liquid Separator



Product Description

Farm Pig Original Manure Wastewater Treatment Equipment Sloped Screen Solid Liquid Separator

Inclined screen type solid-liquid separator is mainly used for solid-liquid separation of livestock and poultry manure and dewatering of manure and biogas slurry.

1. It has the function of sorting and filtering large pieces first, and combines multiple functions such as transmission, pressing, dehydration and sand removal to solve the problems of garbage winding equipment and airtight operation.
2. The separation rate of floating, suspended matter and sediments in the pair of feces is more than 95%, and the solid content of the slag is more than 35%.
3. It has automatic liquid level control function, which saves more than 50% of power consumption than similar equipment, low operating cost.
4. The part of the equipment in contact with the processing medium is made of high-quality stainless steel and is passivated by pickling.

Product Scope of Application:

Scope of application: pig manure, cow dung, chicken manure, leftovers, duck dung, tea eggs, Chinese herbal medicine dregs.

Working principle:

The cutting type submersible sewage pump is used to send the original slag liquid into the solid-liquid separator, and the treated slag liquid is evenly distributed on the stainless steel inclined screen surface through overflow. Due to the small and smooth surface gap of the screen, the back gap is large, and the drainage is smooth and not easy to block; Solid substances are intercepted, and the filtered liquid flows out from the gaps in the sieve plate and is discharged from the drainage pipe; At the same time, under oblique action, solid substances are pushed into the spiral axis of the sieve, and the solid substances are separated by pressing, thus solid-liquid separation.

Model	TD800	TD1200	TD1600
Voltage(V)	380V		
Main Motor Power(KW)	4	5.5	8.5
Pump Power(KW)	3		
Inlet Dia.(mm)	76	76	75
Outfall Dia.(mm)	152		
Overall Size(mm)	2050*1150*1600	2420*1150*1600	2100*1900*1800
Weight(kgs)	320	380	430
Material	Stainless steel		
Take Original Dung(kg/h)	20	25	35
Produce Dried Dung(kg/h)	6	8	10
Bucket Size(mm)	150*350	150*400	600*1600

Working principle of the product:

1. It is mainly composed of a host, a cutting type submerged pump, a control cabinet, pipelines and other equipment.
2. The working process is as follows: the waste water to be treated is evenly distributed to the inclined screen surface through the overflow weir.
3. Inclined screens can effectively reduce the concentration of suspended solids in water and reduce the processing load of subsequent processes.
4. At the same time, it is also used for solid-liquid separation and recovery of useful substances in industrial production. The equipment has a high degree of automation, low power consumption, and easy operation. Just press the start and stop button to operate.



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



TONGDA HEAVY

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