



## 40 TPD Pig Manure Solid Liquid Separator Machine 125-1250r/Min

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: TONGDA
- Certification: CE, ISO
- Model Number: TDGY-001
- 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: 100 units per month



### Product Specification

- Type: Solid-Liquid Separator
- Speed Range: 125-1250r/mm
- Types: Dehydrator
- Area: 2.1 Square Meter
- Use: Livestock Manure Drying Treatment
- Yield: 40ton/day
- Highlight: **Pig Manure Solid Liquid Separator, Manure Solid Liquid Separator Machine, 40 TPD Solid Liquid Separator**



## Product Description

### Chicken Pig Manure Solid Liquid Separator Animal Cow Dung Dehydrator Machine

The solid-liquid separator machine can separate the raw manure water of poultry manure such as pig manure, duck manure, cow dung and chicken manure into liquid organic fertilizer and solid organic fertilizer. Liquid organic fertilizer can be directly used for crop utilization and absorption. Solid organic fertilizer can be transported to the area lacking in fertilizer, and can also play a role in improving soil structure. At the same time, it can be made into organic compound fertilizer through fermentation. The raw manure water is sent to the machine by a mud pump, and the solid material is squeezed and separated by a screw shaft placed in the screen, and the liquid flows out through the screen through the screen. The separation speed of the solid-liquid separator slag is fast, the moisture content of the separated feces is between 20% and 50%, the slag and water content can be adjusted, and it is easy to transport. The solid particles are suitable for feed and organic fertilizer. raw material.

Model	Main Motor	Auxiliary Motor	Physical Dimension	Workload (h/m³)
180 seamless steel pipe	5.5KW	4KW	1900*600*1450MM	About 2 squares
200 seamless steel pipe	5.5KW	4KW	1900*600*1450MM	About 3 squares
300 seamless steel pipe	7.5KW	4KW	2100*600*1450MM	Around 6 squares

The machine use the pump to pull the fresh fowl manure, cow dung, etc. into dewater equipment , the material through the screen and then press by the screw , the rotary speed of the machine can reach 45r/min , within the press of the screen and high rotary speed , the material will be dewatered by the machine , and the water will enter into the pool through screen. after this machine , water contain in manure is less than 30-35%. The final product solid manure can be used as fertilizer directly.

#### Description :

The machine receives the material to be separated and conveys it using the screw conveyor inside the separator casing. The liquid phase is separated through the mesh of the cylindrical screen which encloses the screw conveyor. Along its path toward the exit, the material gradually separates progressively the less linked liquid and then the more strongly linked liquid until a plug of almost dry material has formed before the outlet. The plug is continuously expelled through the outlet diaphragm. The machine will automatically find its balance of squeezing force depending on the material. Consequently, it can be used for a wide range of materials without the need for any manual adjustments.



#### 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

**Henan Tongda Heavy Industry Science And Technology Co., Ltd.**



+8618538527111



[admin@hntdfertilizermachine.com](mailto:admin@hntdfertilizermachine.com)



[organicfertilizerequipment.com](http://organicfertilizerequipment.com)

Xingyang Longgang Development Zone