

New-type Organic Fertilizer Granulator

New type organic fertilizer dedicated granulator is used for producing pure organic fertilizer in a more eco-friendly way. Thus, it makes the whole producing process more energy-saving and economic.

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Technical Data

Details

New Type Organic Fertilizer Dedicated Granulator Introduction:

New Type Organic Fertilizer Granulator is manufactured by the latest technology in the field of organic fertilizer production. It is used to granulate all kinds of organic raw materials after the fermentation process. Different from the traditional ways of making



organic fertilizer, raw materials don't need to be dried or crushed, which makes the whole producing process more efficient and energy-saving. The final organic [fertilizer granules](#) are spherical and highly qualified, which makes the one-time production of uniformly spherical fertilizer granules come true. Its production rate can reach as high as 1-2t/h, so it is considered as the most effective and eco-friendly way of organic fertilizer production at present.

New Type Organic Fertilizer Dedicated Granulator Features:

1. Both the concentration of organic raw materials and the granulation rate are high, so it can produce 100% pure organic fertilizer granules.

2. The final granules are spherical and uniformly shaped, which prolongs the quality of the organic fertilizer granules.

3. This machine produces particles with high hardness, which can be [screened](#) immediately after the granulation process. Thus, it can save the energy that is wasted in the drying process.

4. Organic raw materials don't need to be dried or crushed, which makes the producing process more effective and economic.



5. The size of the organic fertilizer granules can be changeable, if you change the quantity of the mixed raw materials and the revolving speed of the principle axis. Customers can adjust it properly to produce whatever they want.

6. Take advantages of the features that organic fertilizer particles can be inlaid with each other under some conditions. So no binders need to be added during the granulation process.



7. After [fermentation](#), raw materials needn't to be dried. And the moisture of the raw materials

can be controlled between 20-40%.

8. This machine has a steady performance, and is made of anti-corrosive and wear-resistant materials, which prolongs a long service life of the machine.

New Type Organic Fertilizer Dedicated Granulator Working

Principles:

Forced by the high revolving speed and the aerodynamics it brings, raw materials can be mixed, granulated, spherified and concentrated in this machine at a time. Thus, a complete granulation process is perfectly accomplished. The granules are spherical, and their sizes can be changed as long as you change the quantity of the mixed organic raw materials supplement or the revolving speed of the principle axis. Generally speaking, the larger quantity of the mixed raw materials or the higher revolving speed of the principle axis, the smaller sizes of the fertilizer granules; and vice versa.



New Type Organic Fertilizer Dedicated Granulator Applications:



It is applied to granulate all kinds of organic raw materials, which turns the waste into treasures and follows the trends of the organic fertilizer development. This machine can help reduce the energy that is wasted in the drying process, because granules can be immediately screened after the granulation process. The purity of the organic fertilizer granules can reach as high as 100%, which makes the pure organic fertilizer production come true and meet the needs of the customers directly. The quality of the fertilizer granules can be ensured at the same time. So this machine is featured with low energy consumption, low production

expenses and high production quantity and is considered as your best choice for pure organic fertilizer production.

Raw Materials for Organic Fertilizer Granulation:

The raw materials of organic fertilizer production are varied.

1. Agricultural Waste:

straws, cottonseed meals, mushroom residues, bio-gas residues etc.

2. Industrial Waste:

vinegar residues, sugar residues, lees etc.

3. Animal Manure or Sludge:

chicken manure, cow manure, horse manure, drainage sludge, river sludge etc.

4. Household Garbage: kitchen waste, food waste, restaurant garbage etc.



ALLANCE FERTILIZER MACHINERY

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