New organic fertilizer granulator
New organic fertilizer granulator can process the raw material with moisture up to 30-45%, like hen manure, cow manure, sludge and other organic materials. It can also granulate straw, meals, grass or other organic waste.

**Features:**

1. Nice looking in shape, simple in structure, easy in operation and service, safe in solidity, small in volume, and light in weight etc. No special training needed and operation available through manual.
2. Robust in operating, no shut down even at full load, and separate feeding device not needed.
3. Versatile available, feed production may be arranged after manure without being idle for later half year.
4. With low energy consumption and high efficiency, equipment in medium and miniature size are quite ideal for biologic organic fertilizer, feed production plant, farming and meadow, waste water treatment plant, garbage disposal and farmers both in town and village.
5. Pellet produced in one process, without over size and recycling, pelleting rate larger than 90%, drying and cooling ability available, resulting in low production cost and good for seeding machine.
6. Low moisture content in feedstock requested, easy to drying and post treatment, low cost for drying. Because drying could be conducted with low temperature or sun, so activity of biological bacterium would not be impacted.
7. Spare parts not easily worn, cost low.
8. The problem of sticking to disk for higher urea content in green manure successfully smoothed.
9. Wide flexibility for various feedstocks pelleting.

**Introduction:**

New Organic Fertilizer Granulation Machine is one of organic fertilizer equipments. It is the latest product of institute of agricultural machinery with years of experience in organic fertilizer processing equipment design and development, and has won the national utility model patent. It is used for granulation of fermented organic matter to break through conventional granulation processing. Before being granulated, there is no need to dry the raw materials, raw materials and ingredients which can be processed directly into spherical particle. This can save large amounts of energy. Granulation rate and organic content is up to 100%. Organic particles can be characteristic of being able to inlay each other while growing up and granulated without bonding agent. Particle is screened strictly, which saves drying energy. The content of raw materials and water is 20%-40%.

The series of machines are suitable for the following granulations:

1. The organic fertilizers with turfs, lignite, sludge of organic fertilizes and straws as materials can be made into granules;
2. Organic fertilizers or organic compound fertilizer granulations with chicken manure (animal manure) as materials;
3. Cake fertilizer granulations with bean cakes as the main materials;
4. Organic fertilizer granulations with residues of urban rubbish or sewage treatment plants as materials.

**Scope of application:**

1. Mixture of turf and wood coal, organic feculence, haulm as feed stocks for organic plant food;
2. Dejecta of chicken or different dejectas and industrial draff as main feed stocks for organic compost;
3. Bean cake as main feedstocks for beancake plantfood;
4. Corn, legume and smashed grass as feedstocks for total price and mixture feed;
5. Haulm from crop as feed stocks for haulm feed.

**Technology parameters:**

<table>
<thead>
<tr>
<th>Model</th>
<th>KP-350C</th>
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<tbody>
<tr>
<td>Production(th)</td>
<td>1.1-1.8</td>
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<tr>
<td>Granulation Rate(%)</td>
<td>&gt;95</td>
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<tr>
<td>Particles Temperature Rise(°C)</td>
<td>&lt;20</td>
</tr>
<tr>
<td>Particle Diameter(mm)</td>
<td>3.5-5.5</td>
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<tr>
<td>Power(kW)</td>
<td>33</td>
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<tr>
<td>Overall Weight(kg)</td>
<td>1200</td>
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<tr>
<td>Overall Size(mm)</td>
<td>2100<em>2150</em>1700</td>
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<tr>
<td>Adaptability</td>
<td>fertilizer forage</td>
</tr>
</tbody>
</table>
Zhengzhou Tianci Heavy Industry Machinery Co., Ltd

is agricultural technology developed institute pointed production unite of soil fertilizer station in Henan province agricultural department, main products are 100,000-200,000 tons compound fertilizer and mixed fertilizer production line, BB fertilize equipment (no dry, squeezed once forming equipment), chicken dung and high wet material drying fermentation equipment, organic fertilizer equipment, roller squeezing granulation machine, for organic, inorganic biological fertilizer factory, garbage, sewage handling factory, and make the first of the organic waste harmless handling. Developing the multi-functional completed set of compound fertilizer equipment, compact structure, covering less, reliable, low dust and so on.

We own strong technical force, high-quality workforce and CAD design center has been committed to the development of high, medium and low compound fertilizer and mixing fertilizer equipment production and development for new and old customers with process design, fabrication and installation of equipment debugging, formula. One-stop comprehensive service and products cover throughout the country, some products have been supporting exports.

Enterprise purpose: adhere to market-oriented, innovation and development, quality of survival to the consummation post-sale service won the majority of users praise, all clients are warmly welcomed to visit our company for business.

International Trade Department

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