



Tianci

Product

Horizontal fermentation compost turning machine

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Introduction:

This horizontal compost turner machine is the key fertilizer equipment in organic fertilizer production machines for making organic compost fertilizer, and it is the first step. Organic fertilizer production has to be protein organic matter, so the first step has to ferment the organic raw materials. In order to accelerate the fermentation speed, the compost turner is necessary.

Horizontal compost turner machine compost turning machine is mainly used to turn and mix animal manure like chicken manure, cow manure, sheep manure, pig manure and other organic waste materials like city waste, crushed crop straws and so on, sludge waste, sugar mill filter mud, leftover meals and straw meals and sawdust and other organic waste for fermentation.

Horizontal compost turner machine is widely used in organic fertilizer plants, the fermentation room with solar energy, fermentation tanks and migration can be achieved by supporting the use of a machine slot with features. Its supporting of the fermentation tank can be continuously making the material can also be bulk material. This is the first step to make fermentation in organic fertilizer production line

Features of Compost machine :

1. High efficiency, smooth operation, durable, and even turning
2. It is equipped with a hydraulic lifting system
3. End-of-travel limit switch ensures the safety of the rolling
4. With a soft start, low-impact loading start
5. Traveling limit switches is safety
6. Pulling teeth has a hydraulic lifting system
7. Pulling teeth is durable and can mix the material completely
8. Control cabinet can be achieved manually or automatically control

Application:

1. Suitable for the turning and fermentation of organic waste, such as, sludge waste, sugar mill filter mud, bad slag cake and straw sawdust.
 2. Widely used in the fermentation composting and removal of moisture operations of organic fertilizer, fertilizer, sludge dumps, horticulture course and Mushroom cultivation factory.
 3. It can be used with solar fermentation, fermentation tank and mobile machine, etc.
 4. Equipped with soft starter, centralized control cabinet and a pull out tooth hydraulic lifting system Horizontal compost turner machine divide into two model: FD model and FP model.
- 3.Occupying small land to fulfill the harmless treatment of organic waste. 4.Advanced technology, compact structure, low energy consumption, stable product quality.

Horizontal compost turner machine FD model:

There are three types of FD model.

1. FD (common type)
2. FDT (lift type)
3. FDX (cantilever lift type)

Technical index:

Size	Main motor	Walking motor	Lift motor
FD 3m	15kw	0.75kw	None
FD 4m	18.5 kw	1.1kw	None
FDT	15kw	0.75kw	0.75kw
FDT 4m	18.5 kw	1.1kw	1.1kw
FDX 4m	7.5 kw×2	1.1kw	0.75 kw
FDX 5m	11 kw×2	1.1kw	0.75 kw

Horizontal compost turner machine FP model:

There are three types of FD model.

1. FP (common type)
2. FPY (hydraulic lift type)

Size	Main motor	Walking motor	Moving motor	Hydraulic motor
FP 4m	15kw	0.75kw	None	None
FD 5m	15kw	0.75kw	None	None
FP 6m	18.5kw	1.1kw	None	None
FPY 4m	7.5kw×2	0.75kw	1.1kw	4 kw
FPY 4m	11 kw×2	75kw	0.75 kw	4 kw
FPY 4m	15 kw×2	1.1kw	1.5 kw	4 kw

Differences:

These two models have quite similar outlook and same working principle. The big difference between FD model and FP model is different design of blending gear. Blending gear FD model looks like shovel or spoon, but that of FP model looks like sickle.

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.



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