



Tianci Product

Disc fertilizer granulator



Disc fertilizer granulator has main features of durable structure, high graining rate, and simple operation, etc. This disc granulator is widely used in gold concentrator, coal mine, chemical plant, construction and foundry for quantitative and even feeding etc.



Technology parameters:

1. The disc organic fertilizer granulator is one of the common fertilizer industry equipments.
2. It is applied to the medium or low concentration, small-scale production. The disc is set and adjusted between 40°-55°.
3. The fertilizer granulator is derived by motor reducer gear to join mixed good materials fertilizer.
4. Because of the force of gravity, it rises and scrolls down. Under the above several action and forces of plate material, the products gradually are shaped into size, then output by the round plate.
5. The disc organic fertilizer granulator has a high granulating rate, high strength, round particles, anti-corrosive, easily operated convenient maintenance.

Introduction:

This disc fertilizer granulator is a kind of fertilizer equipment, mainly used to process fertilizers into specific shapes. Particles processed by this granulator are of the same size. This disc granulator has the features of simple structure, high granulating efficiency, reliable performance, easy operation, and longer service life, etc. This disc granulator is widely used in gold concentrator, coal mine, chemical plant, construction and foundry for quantitative and even feeding, and also suitable for conveying of materials with granularity less than 50 mm.

Application and features of Disc granulator:

Disc granulator angle is used by the overall arc structure of stainless steel, with the graining rate of 93%. Granulator plate design allows discontinuous production operation, greatly reducing the labor intensity and improving labor efficiency. Reducer and motor adopt a flexible belt drive for smooth start, slowdown impact and improving equipment life. Multiple radiation steel is used to strengthen the granulator bottom, durable and never deformed. Thicker, heavier and solid base design makes smooth operation, without anchor bolts. Granulator main gear uses high-frequency quenching, life doubled. The granulator has the features in uniform granulation, high graining rates, stable operation, durable and long working life, etc. And hence it becomes the best choice for most customers.

Technology parameters:

Model	Inner diameter (mm)	Side height (m)	Volume (m³)	Rotation speed (r/min)	Motor power (KW)	Prod capacity (T/h)	Decelerators Model
ZL10	1000	250	0.4	24	2.2	0.3-0.5	XW5-59
ZL15	1500	300	1.1	22	5.5	0.5-0.8	ZQ250-48
ZL18	1800	300	1.4	18	5.5	0.6-1.0	ZQ250-48
ZL20	2000	350	1.8	18	7.5	0.8-1.2	ZQ250-48
ZL25	2500	350	2.5	18	7.5	1.0-1.5	ZQ400-23
ZL28	2800	400	3.3	18	11	1.0-2.5	ZQ400-48
ZL30	3000	450	3.9	16	11	2.0-3.0	ZQ350-23
ZL32	3200	500	4.3	13.6	15	2.0-3.5	ZQ350-23
ZL36	3600	550	5.5	11.3	18.5	3.0-5.0	ZQ400-23
ZL45	4500	600	6.5	8	22	4.0-6.0	ZQ250-48

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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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