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GZT Series Vibrating Feeder



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GZT series vibrating feeder adopts the vibrating motor as vibration source. It is used to feed material into the primary crusher homogeneously. Meanwhile because of the bar-shaped screen, it can screen away soil contained in the raw material, increase the capacity of primary crushing. It is suitable for feeding material into the first crusher in hydroelectric field, building material and mining.

GZT-0932 vibrating feeder mainly adopts a pair of motors as the vibration source, which has the completely same performance and parameters. When these two vibration motors rotate reversely at the same angular speed, the inertia forces produced by their eccentric blocks will overlap or counteract each other at a special phase. Thus, a huge resultant vibration exciting force will be generated so that the machine body will be forced to vibrate on the bearing spring. This vibration is used as the power to make the material slide on the material chute and drop so that the material moves forward continuously. As a result, material feeding purpose is

realized. When the material passes the screen bars of the chute body, smaller pieces of material will drop from the gaps between the screen bars and not enter the next breaking procedure. In this way, material screening result is achieved.

Application range:

In the production process, vibrating feeder can feed the lump or grainy material into the crusher evenly, timely and continuously from the hopper. During the process of sandstone production, vibrating feeder can feed the materials into the crusher continuously, and prescreen them roughly. It is widely used in metallurgy, coal industry, mineral selecting field, construction material, chemical industry and grinding material.

Performance characteristics:

1. This series have many models. It can be specially designed and manufactured according to the customers' requirements.
2. All models of vibrating feeders can control the feeding amount manually or automatically.
3. Smooth vibration, reliable working condition, and long service of life
4. Adjustable vibration exciter can change and control the flow at any time. The adjusting process is convenient and reliable.
5. Vibrating motors act as vibrating source, which has the characteristics of low noise, low electricity consumption, and good adjustability.
6. Simple structure, reliable operation, and convenient installation

Main technical parameters:

Model	Max feed size (mm)	Capacity(t/h)	Motor(KW)	Installation slope(°)	(kg)
GZT-0724	450	30-80	2×1.5	10	2422
GZT-0932	560	80-150	2×2.4	10	2440
GZT-0940	560	80-180	2×3.2	10	3700
GZT-1148	600	150-300	2×5.5	10	4980
GZT-1256	800	180-400	2×7.5	10	6315
GZT-1560	1000	400-600	2×13	10	8900

For further details, please visit our website: www.yfcrusher.com .

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