



VIBRATING FEEDER

Vibrating Feeder Application

GZD series [vibrating feeder](#) manufactured by Shanghai Shibang Machinery Co., Ltd. can feed massive and granular materials evenly, fixedly and continuously from storage room into the receiving device during the production process. It can also feed continuously and evenly for the crushing machines in the sandstone production line to avoid blocking the receiving opening of the crusher and carry out coarse screening for materials.

It is usually used in joint facilities for crushing and screening in such fields as mining area, crushing fields, metallurgy, coal, concentration, building materials, chemical industry and grinding, etc.

Vibrating Feeder Features and Benefits

1. stable and long span life
2. easy to adjust
3. reliable operation.
4. easy maintenance.
5. no pollution

Vibrating Feeder Working principle

The **feeder** takes advantage of centrifugal force produced by rotation of the eccentric block in the vibrator to make the flexible parts of the screen such as screen box and vibrator in forced continuous circle or approximately circle movement. The materials do continuous throwing movement on the tilting screen surface with the screen box and by this the materials are fed continuously and evenly into the receiving opening.

The materials are bumping with each other when being sent between the plate hammer and the impact plate. The materials become cracked, loose and then comminuted by knocking by the plate hammer, impact with impact plate and bump between materials. The materials with grain size smaller than the gap between impact plate and plate hammer will be discharged.





Vibrating Feeder Specification

Model	Max input size(mm)	capacity (t/h)	motor power (kw)	Installation Slope	weight (kg)	Size of Funnel (mm)
GZD-180x80	300	30-80	2x1.5	0-10	0.8	1800x800
GZD-300x90	500	40-100	2x2.2	0-10	1.5	3000x900
ZSW-380x96	500	90-100	11	0°	3.98	3800x960
ZSW-490x96	500	120-240	15	0°	5.5	4900x960
ZSW-490x110	580	120-280	15	0°	5.72	4900x1100
ZSW-590x110	600	280-500	22	0°	6.13	5900x1100
ZSW-600x130	750	400-560	22	0°	7.8	6000x1300

Note: This specification is just for reference, any changes are subject to the products.

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