

Vibrating Feeder

Zenith feeder series is designed particularly for continuous use with any hard and abrasive materials.

They combine a robust frame design with high feeding capacity and a limited overall height. These features make it ideal for operation in restricted space, and in both stationary and mobile plants.



Vibrating Feeder Feature:

- 1) flexible design
- 2) extra heavy-duty construction
- 3) exclusive vibrator technology
- 4) ease-of field-changes in grizzly opening and

deck-slope

Vibrating feeder Specification:

Model	Max.Feed d Size(m m)	Capacit y (t/h)	Powe r (kw)	Weigh t (kg)	Size of Funnel (mm)
GZD850x300 0	400	80-120	7.5	3607	850x3000
GZD960x380 0	500	120-210	11	3895	960x3800
GZD1100x4200 00	580	200-430	15	4170	1100x4200
GZD1100x4900 00	580	280-500	15	4520	4900x1100
GZD1300x4900 00	650	450-600	22	5200	4900x1300
GZD1300x6000 00	600	400~560	22	7500	6000x1300
GZD1500x6000 00	800	460~575	30	8666	6000x1500

GZD1800x60	800	600~80	37	1180	6000x180
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Note: If there is change of the above specification, it subjects to the newest products' specifications.

Vibrating Feeder is mainly used to feed material into the primary crusher homogeneously and continuously. Meanwhile, it can screen material, making the crusher more powerful. Proven performance and maintenance free operation make our vibrating feeders the first choice in feeders for the most demanding applications including public utilities, mining, metals production, food processing, cement, and other industries.

In both cases the unit is provided with mild steel liners on the pan and sides of the tray, with coil spring mounting assembly on each corner

The motor drives the roller run fast and the roller give the material plate a pressure. Since

there is a deflection iron located on both side of the roller, the material plate will vibrate to feed the dealing machine followed.



Illustration of How our vibrating feeder operates

Vibrating screens are designed to make separation / filtration of crushed material from fine dust to oversize. The screen frame, a bolted & welded steel structure, accommodates the screen mesh & the drive unit. The screen is designed by the assembly of an eccentric shaft, made out of alloy steel & two no. of heavy duty double spherical bearings with dust & water tight seals, for efficient operation & low maintenance. The angle of the throw screening action is adjusted with such design that it provides the same vibration to all parts of the screen in order to

obtain proper filtration/ screening of crushed material of different sizes simultaneously while separating oversized product.

Shanhai Zenith Company
Vibrating Feeder
Of Zenith