

Vibrating Feeder - Cone Crusher



Vibrating Feeder

Application:

Vibrating Feeder is a kind of linear direction feeding equipment. It features smooth vibrating, reliable operation, long service life and being suitable for feeding. It is widely used in mining, building-material, silicate and chemical industry in the crushing and screening plants. In the Sand-Stone production line, the vibrating feeder can send materials to crusher evenly and continuously and at the same time, it can screen materials roughly. It can be used in these areas such as metallurgical industry, coal mining industry, mining-selecting, building, chemical and grinding industry, etc.

Features and Benefits:

1. Stable and long span life
2. Easy to adjust
3. Reliable operation
4. Easy maintenance
5. No pollution

Operating Principle of Vibrating Feeder:

Vibrating feeder consists of vibrating frame, spring, vibrator, motor vibrating device and motor. The vibrator is made of two fixed eccentric shafts whose gears are jogged. When installation, the two gears must be jogged according to the sign. Through drive of the motor, the two eccentric shafts start rotating to produce a linear huge power which forces the feeder to vibrate. Through the vibration, the materials will slip and sling on the funnel, moving forward, when the materials pass the screening part, smaller parts will fall down, and avoiding the further crushing, so screening purpose can be reached.

Vibrating Feeder Specification:

Model	Max input size(mm)	capacity (t/h)	motor power (kw)	Installation Slope	weight (kg)	Size of Funnel (mm)
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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.