

# Vibrating Feeder



Vibrating Feeder is a kind of linear direction feeding equipment. It features smooth vibrating, reliable operation, long service life and being suitable for feeding. They are widely used in mining, building-material, silicate and chemical industry in the crushing and screening plants.

### Main Features:

1. stable and long span life
2. easy to adjust
3. reliable operation.
4. easy maintenance.

### Vibrating Feeder Operating principle :

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, avoiding the further crushing, so screening purpose can be reached.

### Technical Parameter:

Mm to inch conversion: 25.4 millimeters=1 inch

Model	Max. feeding size (mm)	Handling capacity (t/h)	Power (kW)	Dip angle (°)	Weight (kg)
GZG70-4	200	120-170	2X0.5	~10	389
GZG100-4	300	270-380	2X1.1	~10	762
GZD240X70	400	30-80	2x1.5	~10	3000
GZD300×85	450	80-120	2x3.7	~9	3900
ZSW380×96	500	120-210	11	0	4200
ZSW420×110	650	180-400	15	0	4800
ZSW490×110	650	250-480	15	0	5300
ZSW490×130	750	300-550	22	0	6700
ZSW600×130	750	400-800	30	0	7800
ZSW600×150	800	500-850	30	0	8800

Note: Any change of Vibrating Feeder technical data shall not be advised additionally.