

 **HAMAC**



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## **VIBRATING FEEDER**

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ZHENGZHOU HAMAC AUTOMATION EQUIPMENT CO., LTD

[WWW.HAMACCHINA.COM](http://WWW.HAMACCHINA.COM)

# VIBRATING FEEDER



## INTRODUCTION

Vibrating feeder is also known as vibratory feeder. In the production process, the vibrating feeder can feed the massive and granular materials from storage hopper to the primary crusher or secondary crusher evenly, timely and continuously. In some production line, vibratory feeder or feeder machine, vibration feeder can evenly and timely feed raw materials for the crushing machines and do coarse screening of materials by grizzly bar, which is widely used in metallurgical, coal mine, ore dressing, building materials, chemical and other industries.

## WORKING PRINCIPLE

Vibrating Feeder's eccentric shaft exciter generates excitation force. A gear pair connects the two eccentric shafts, enables the shafts rotate to opposite direction with same speed. Through motor driving, the excitation force generated constantly, the material slides and bounces ahead to crusher on the feeder groove. When material go through the feeder's grid bars, the smaller material will fall down through the gap between grid bars and be sent to next crushing process. It enables the feeder to pre-screen material and fully ensures the crushing plant's high crushing efficiency and capability.



## ADVANTAGES

Vibrating Feeder

1. The structure is advanced and the operation is reliable; the structure adopts the cylindrical vibration exciter and the partial block adjustment device, and the advanced rivet-connected assembled frame structure improves the service life of the equipment.
2. An intermediate transition bearing seat is added to the transmission part. The application of the intermediate transition bearing seat effectively protects the motor and prolongs the service life of the motor.
3. The screening efficiency is high. Due to the strong vibration of the vibrating screen machine, the phenomenon of material blocking the screen holes is reduced, so that the screen has high screening efficiency and productivity.



## TECHNICAL DATA

Vibrating Feeder

Model	Size of Chute (mm)	Max. Feeding Size (mm)	Motor Power(kW)	Capacity (t/h)	Dimensions (mm)
ZZG3895	3800×960	500	11	100-160	3840×1700×1660
ZZG4211	4200×1100	550	11	120-240	4370×1850×1870
ZZG4911	4900×1100	630	15	150-320	4980×1850×1960
ZZG4913	4900×1300	750	22	200-430	4980×2580×2083
ZZG5012	5000×1200	750	22	220-450	5150×1950×2030
ZZG6015	6000×1500	1000	37-45	500-800	6086×2270×2190
ZZG6018	6000×1800	1000	45-55	700-1000	6310×2570×2350
ZZG6020	6000×2000	1000	55-75	800-1200	6310×2780×2450

\* Note: HAMAC follows the principle of the perfecting the performance of the products, material and specification may be changed without advice.

**GALLERY**

Vibrating Feeder





## WHY CHOOSE HAMAC?

HAMAC Automation Equipment Co., Ltd is a professional supplier for construction machinery located in Zhengzhou and Qingdao, China. Based on the two manufacture bases, HAMAC's Parent company occupies big market in domestic market, and built agents and distributors in China mainland. HAMAC is treated as an international brand to promote the overseas market. We are becoming a famous global brand in construction machinery industry.



HAMAC owns a strict quality control system to select our suppliers, to check all the products from HAMAC also; HAMAC does not pursue a high profit, but with reasonable profits to cover basic cost and to confirm the quality; HAMAC provides our clients with professional exporting service in addition to products, to make your purchase experience satisfied.





TO BE YOUR DEVOTED PARTNER



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