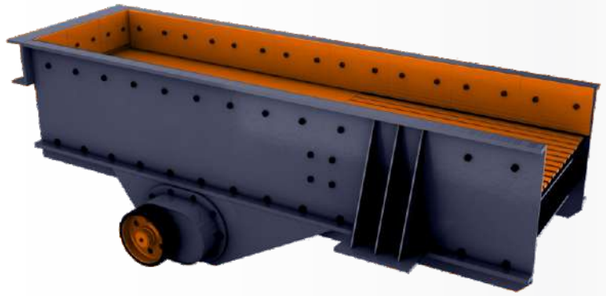
FKZG振动给料机

FKZG Vibration Feeder

设备简介 Equipment Introduction

FKZG振动喂料机可在生产流程中把块状、颗粒状物料从贮料仓中均匀、定时、连续地送到受料装置中去，在砂石生产线中，可为破碎机械连续均匀地喂料，并对物料进行粗筛分，广泛用于冶金、煤矿、选矿、建材、化工、磨料等行业的破碎、筛分联合设备中。

FKZG vibrating feeder can send bulk and granular materials from the storage bin evenly, regularly and continuously to the receiving device in the production process. It is widely used in crushing and screening equipment in industries such as metallurgy, coal mining, mineral processing, building materials, chemical industry, abrasives, etc.



工作原理 Working Principle

FKZG和FKZ系列振动给料机是由给料槽体、激振器、弹簧支座、传动装置等组成。槽体振动给料的振动源是激振器，激振器是由两根偏心轴（主、被动）和齿轮副组成，由电动机通过三角带驱动主动轴，再由主动轴上齿轮啮合被动轴转动，主、被动轴同时反向旋转，使槽体振动，使物料连续不断流动，达到输送物料的目的。

FKZG and FKZ series vibrating feeders are composed of feed trough body, vibrator, spring support, transmission device and so on. The vibration source of the tank's vibration feed is the exciter. The exciter is composed of two eccentric shafts (active and passive) and the gear pair. The motor drives the active shaft through the V-belt, and the gear on the active shaft engages the passive shaft When it rotates, the active and passive shafts rotate in opposite directions at the same time, causing the tank to vibrate, which allows the material to flow continuously and achieve the purpose of conveying the material.

设备特点 Features

该系列给料机，由于在接近排料端的给料面布有分级作用缝隙可调的棒条，所以在进行给料同时能将物料中泥土及细碎粒级的物料分离出去，使其后面的破碎机更有效发挥功能；该系列给料机采用消化引进美国技术制造的振动器、框架式环槽铆钉联接结构．又采用锰钢制造的护板和棒条，结构坚固、强度高、耐冲击、耐磨损。

This series of feeders are equipped with rods with adjustable grading gaps on the feeding surface near the discharge end, so they can separate the soil and fine-grained materials in the material at the same time as the feeding. The crusher functions more effectively; this series of feeders use the vibrator and frame-type ring groove rivet connection structure imported from the United States. The guard plate and rods made of manganese steel are also strong in structure, high in strength, impact-resistant and wear-resistant.

▶ 技术参数 Technical Parameters

型号 Model	料槽尺寸 Feed trough size (MM)	最大给料尺寸 Maximum feeding size (MM)	处理能力 Processing power (T/H)	偏心轴转速 Eccentric shaft speed (R/MIN)	电机功率 Motor Power (KW)	重量(不含电机) Weight (without motor) (T)	外形尺寸 Dimensions (MM*MM*MM)
FKZG 300×90	3000×900	450	40-100	—	2×2.2	2.64	3050×1430×1550
FKZG 370×100	3700×1000	500	100-150	—	2×3.7	3.69	4250×1874×1130
FKZG 430×120	4300×1200	650	200-400	—	2×5.5	4.2	4955×2206×1120
FKZ-380×96	3800×960	500	100-160	500-714	11	4.2	3882×1684×1340
FKZ-490×110	4900×1100	630	120-280	500-800	15	5.5	4957×2400×2150
FKZ-590×110	5900×1100	630	200-350	750	22	6.1	6000×2500×2150
FKZ-600×130	6000×1300	750	400-560	500-800	30	7.8	6082×2580×2083
FKZ-600×150	6000×1500	800	460-575	500-800	30	8.7	6086×2662×2186
FKZ-600×180	6000×1800	800	600-800	500-800	37	11.8	6310×3262×2230

注：生产能力是基于物料抗压强度为140MPa-160MPa，水分不大于4%，物料的松散度1.6t/m ，给料均匀，电机功率在标定功率85-90%条件下得出。

Note: The production capacity is based on the material's compressive strength being 140MPa-160MPa, the moisture content is not more than 4%, the material's looseness is 1.6t / m3, the feeding is uniform, and the motor power is obtained under the condition of the nominal power 85-90%.