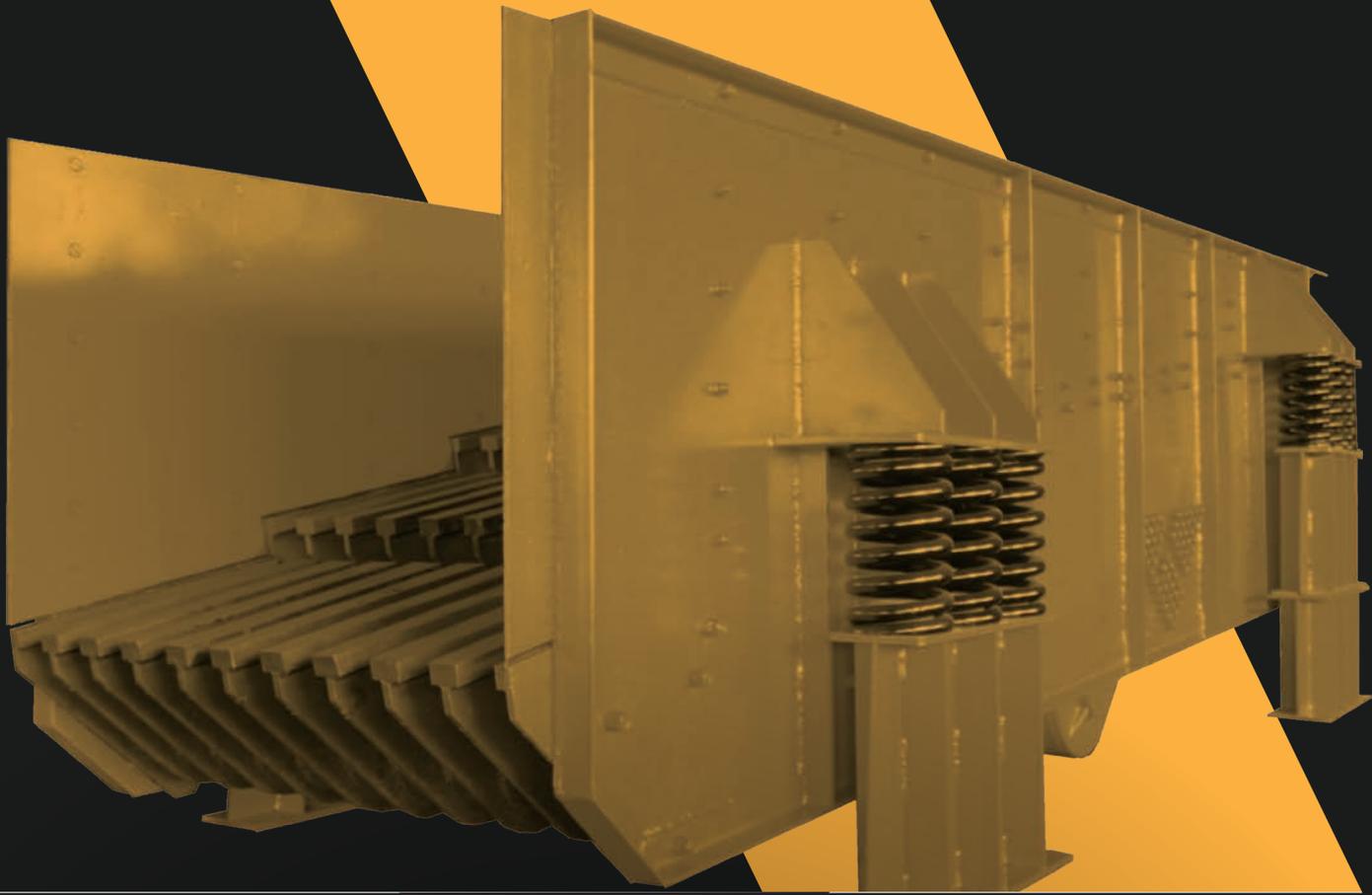


www.fong-chuan.com

VIBRATING FEEDERS



FONG CHUAN
MACHINERY

■ ABOUT

**SINCE
1982'**

**COMPLETE STONE
CRUSHER PLANT
EQUIPMENT
AS WELL AS WASTE
RECYCLING EQUIPMENT.**



Application

- ➔ Construction, building materials industry
- ➔ Mining, gravel industry
- ➔ Rock quarries, bark dust, topsoil manufacturers
- ➔ Resource Recycling, waste disposal treatment industry

COMPANY PROFILE



The service range of Fong Chuan Machinery Co., Ltd covers technical advisory, planning, design, manufacture, installation, maintenance, after-sale service and personnel training of complete stone crusher plant equipment as well as waste recycling equipment. For decades, the manufacture of our product takes a focus on engineering quality and production efficiency, and aims to bring more elaborate, ease as well as a lower consumption rate in the use and maintenance of the product. With a good will to help customers to reduce cost and promote productivity, the professional team of our company is well ready to provide specific solutions concerning crushing and screening on different application through an optimized design as well as manufacture/ production process.



VIBRATING SCREEN

INTRODUCTION

The FongChuan Vibrating Feeder Series boast of a large economic benefit, a firm structure and an excellent productivity for overall operation. Employing a linear vibrating design, the double drive shafts can transmit a periodical vibration steadily. The feeding speed can be adjusted by a variable speed motor, and the feeding grating made of metal alloy is of an anti-wearing and replaceable type. Moreover, the feeder can be customized to ensure a smoother operation. Having gained a good reputation in the market, the FongChuan Vibrating Feeders are now widely used in areas like sand and gravel aggregate screening, classification work for environmental protection, incinerator residue segregation, solid waste processing, smelting by-product isolation and sorting of building materials for remanufacturing purpose.

The FongChuan Vibrating Feeder can not only aiding with the feeding of materials, it can also fulfill a preliminary screening of the materials. It can feed large particle size material into jaw crusher for a rough crushing, and feed medium particle size material into cone crusher for a relatively finer crushing. In this way the productivity of the overall operation is largely improved.

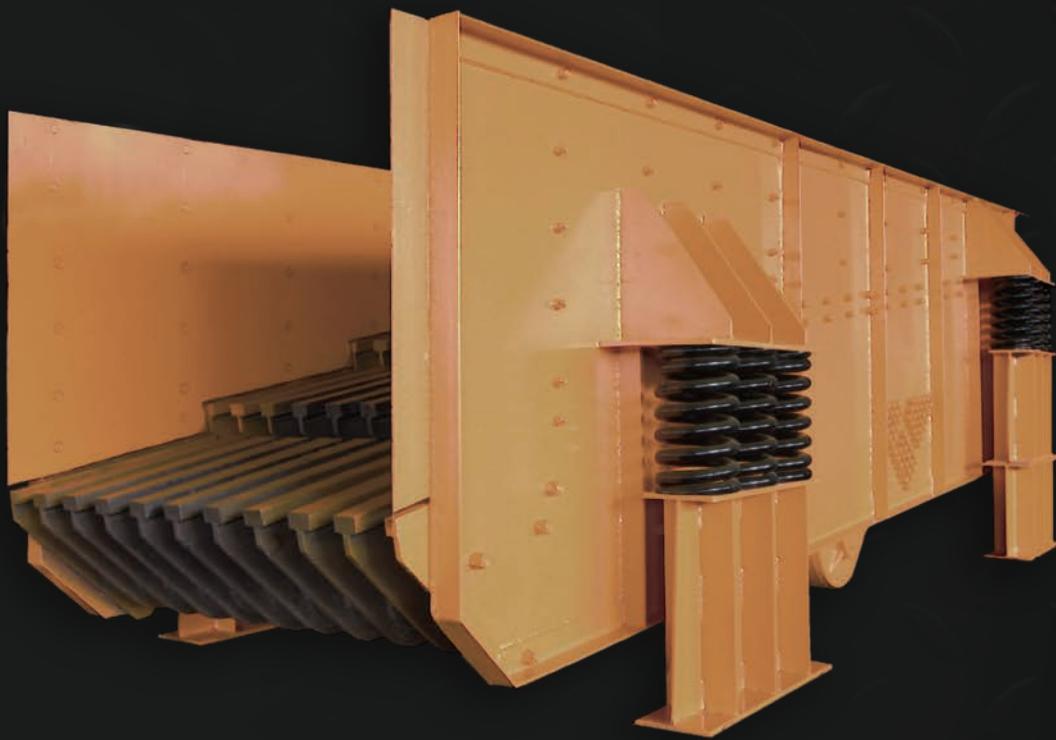
According to the particle size, specific gravity, dryness and viscosity of the screening materials and the varied requirements on products, vibrating feeder used for river stone or blasted stone can be supplied by the FongChuan Machinery Co., Ltd.

Functions of the FongChuan Vibrating Feeders (for Blasted Stone)

- Aiding the vibrating feeders to feed bulk or granule materials from the material storage to crushers evenly and continuously, which avoids material clogging of the crusher feed opening effectively so as to extend equipment using life.
- Fulfilling a preliminary screening of materials by removing the unwanted and bypassing the smaller for the crusher so as to reduce the workload of the crusher, lower the energy consumption and maximize the crushing capacity.

Benefits of the Fong-Chuan Vibrating Screens

- Special design of the linear feeding frame ensure constant load feeding and better feeding capacity, especially capable of wet materials such as river stone;
- Adjustable feeding speed by the variable speed motor and low energy consumption;
- Customized grating to meet the needs of different users, adjustable design of grizzly bar opening to eliminate material clogging and provide better sizing effect;
- The grating is convenient to replace;
- Low cost for maintenance;
- Easy to operate, no staff is needed to be charged with the supervisory duty.



BLASTED STONE



RIVER STONE

COMPONENTS

Eccentric Shaft

The two eccentric shafts are made of carbon tool steel with high tensile strength and high hardness. The shafts are matched with high-quality bearings imported from Japan to facilitate a high workload as well as to ensure outstanding stability which is essential to a smooth screening process.



Eccentric Shaft

With a pair of level and symmetric eccentric shafts, centrifugal forces in two opposite directions are generated and periodical vibrations with large magnitude are obtained. The screening materials move horizontally in bouncing paces so that a continuous screening effect is achieved in the meantime.



OVERALL DIMENSIONS

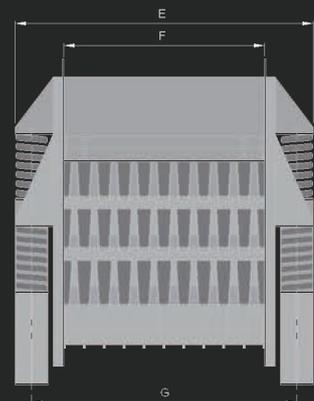
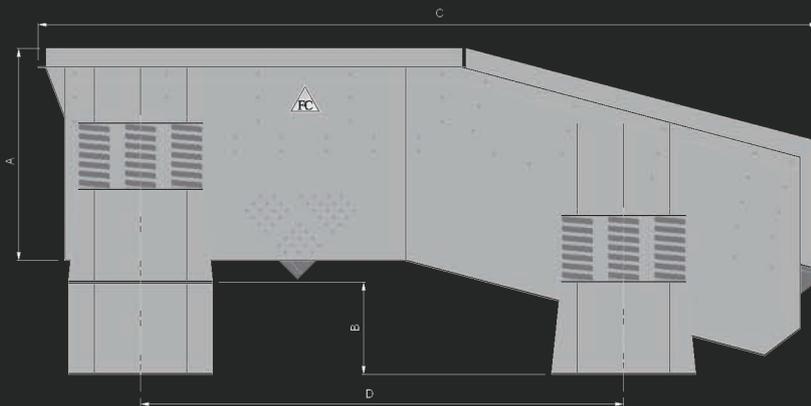
Model	Size of Funnel (mm)	Max Feed Size (mm)	Capacity opening (T/H)	Motor Power		Vibrating frequency (R.P.M.)	Weigh (KG)
				HP	P		
FCGF- 308	2400x900	200x270x400	200	20	6	600- 950	3000
FCGF- 310	3000x900	200x270x400	260	20	6	600- 950	4000
FCGF- 410	3000x1200	250x330x500	320	25	6	600- 950	5000
FCGF- 412	3600x1200	250x330x500	400	30	6	600- 950	6000
FCGF- 512	3600x1500	300x400x600	500	30	6	600- 950	7000
FCGF- 514	4200x1500	300x400x600	560	30	6	600- 950	8000
FCGF- 518	5400x1500	400x500x800	680	40	6	600- 950	12000
FCGF- 614	4200x1800	400x500x800	600	40	6	600- 950	10000

Note: Technical data may change due the technical progress.
Specifications and dimensions are subject to modification without notice.

VIBRATING SCREEN DIMENSIONS

Model	Dimensions (mm)						
	A	B	C	D	E	F	G
FCGF- 308	850	350	2450	1650	1350	900	1150
FCGF- 310	850	350	3050	1650	1350	900	1150
FCGF- 410	1000	400	3050	2150	1750	1200	1550
FCGF- 412	1000	400	3650	2150	1750	1200	1550
FCGF- 512	1350	450	3650	2600	2150	1500	1950
FCGF- 514	1350	450	4250	2600	2150	1500	1950
FCGF- 518	1550	500	5400	3600	2200	1500	2000
FCGF- 614	1550	500	4250	2600	2550	1800	2350

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