



Vibrating Screen & Grizzly Feeder



CCS OSTEM PROJECTS PVT. LTD.

"COMPLETE CUSTOMER SATISFACTION"



Vibrating Screen & Grizzly Feeder

The primary requisite for a vibrating equipment used for segregation of stone or ore is to have the right kind of vibration profile – a factor determined by the type of vibration (circular, elliptical etc.), the amplitude as well as the frequency. Apart from this aspect, a good design must also ensure trouble free performance and minimal downtime.

"CCS OSTEM" made Vibrating Screens as well as Vibrating Grizzly Feeders incorporate all these important factors – robust body design to withstand the vibration, dust proof labyrinth type bearing housings and high quality springs.

Vibrating Screen

Mechanism of producing vibration in the case of Vibrating Screen is by suspended adjustable weights on either side of a mildly eccentric shaft. "CCS OSTEM" has ensured proper design parameters for each model of the Vibrating Screen, so as to produce the right vibration for efficient screening.

"CCS OSTEM" Vibrating Screens have also been designed keeping adequate distances between successive screen decks for the sake of ease of maintenance and changing of decks. High quality spring steel crimped wire mesh is used, which is duly tightened and rubber cushioned for best results.



Vibrating Screen Specifications

Number of Decks	Model	Basket Length (in Feet)	Basket Width (in Feet)	Screening Area per Deck (in Sq. Feet)	Power (HP)
I	VS-0804-SD	8	4	32	3
	VS-1004-SD	10	4	40	5
	VS-1205-SD	12	5	60	7.5
	VS-1405-SD	14	5	70	10
II	VS-1205-DD	12	5	60	10
	VS-1405-DD	14	5	70	12.5
	VS-1605-DD	16	5	80	15
III	VS-1405-TD	14	5	70	12.5
	VS-1605-TD	16	5	80	15
	VS-1805-TD	18	5	90	20
	VS-1806-TD	18	6	108	25
	VS-2006-TD	20	6	120	30
IV	VS-1806-QD	18	6	108	30
	VS-2006-QD	20	6	120	40
	VS-2007-QD	20	7	140	50



Vibrating Grizzly Feeder

Vibrating Grizzly Feeder, generally installed between a Hopper and Primary Jaw Crusher in a Crushing & Screening Plant, performs the dual function of smooth regulated feeding to the crusher as well as segregation of scalp or natural fines received from the mines or river bed. It is subject to heavy load and abrasion due to large sized boulders falling at considerable speed from the Hopper. Once at rest on the Vibrating Grizzly Feeder's Main Body, the large size boulders also tend to impede any kind of vibration produced by ordinary conventional designs.

"CCS OSTEM" has designed a unique twin eccentric parallel shaft mechanism with the axes plane of both shafts at 45° with the horizontal. Both shafts rotate in opposite directions, and produce substantial vibration of the right kind in the robust main body to feed large size boulders with great ease, while successfully segregating the scalp or natural fines.

While all models of "CCS OSTEM" Vibrating Grizzly Feeders have long Wear Resistant Plate at the back portion to withstand high load and abrasion from falling boulders, the front portion has evenly spaced High Austenitic Grade Manganese Steel bars to enable scalp or natural fines segregation. Stepped design of these bars ensures continuous smooth feeding and great results !!!



Vibrating Grizzly Feeder Specifications

Model	Basket Length (in mm)	Basket Width (in mm)	Max. Fee Size (in mm)	Max. Capacity (in TPH)	Power (HP)
VGF4012	4000	1200	750	200	30
VGF5012	5000	1200	750	275	40
VGF5015	5000	1500	1000	350	50
VGF6015	6000	1500	1000	450	60



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Our Sikri Works,
Distt. Faridabad,
Haryana, India



CCS OSTEM PROJECTS PVT. LTD.

286 Lal Kuan, Badarpur Mehrauli Road, New Delhi-110044, India
Sales : +91-11-26360438 Fax : +91-11-26361943
Handphones : +91-9810039107, +91-9810039106, +91-9810939106
E-mail : info@ccs-ostem.com Website : www.ccs-ostem.com