CORE GRIZZLY FEEDER

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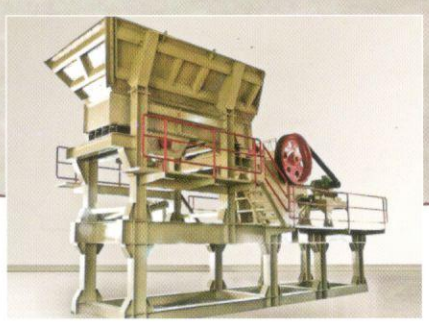

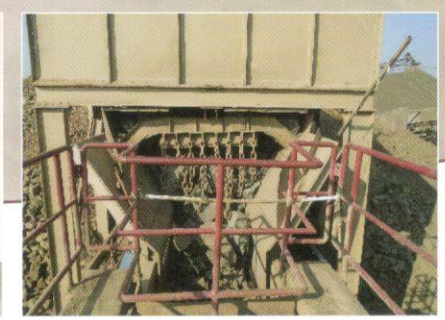

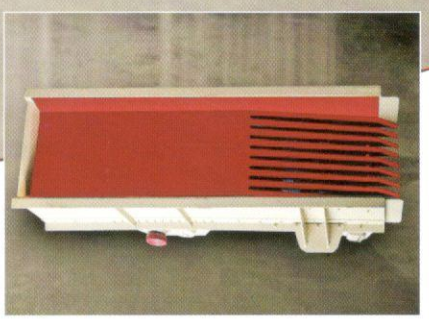

In the modern day crushing circuits, Vibrating Grizzly feeders are most acceptable feeders especially in primary crushing.

Core Vibrating Grizzly feeders combine the functions of Scalping and feeding in one operation.

Core feeders are designed to handle large volumes of ROQ & ROM materials & provide continuous, uniform & controlled feed from the hopper to the crusher.

They are mostly installed ahead of the primary crushers, feeding bigger rocks into the crusher and scalping out undersize material through grizzly bars, thus increasing the overall capacity of the primary station.

They are suitable for both portable & static installations.

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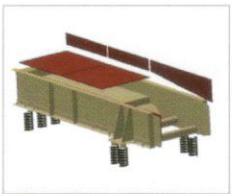
Salient features:



Main frame assembly is fabricated from steel plate suitably supported for maximum durability & impact rigidity without excess weight.

Specially designed coil springs located on the rear and discharge end of the feeder absorb impact loads & eliminate the transmission of vibration & shock loads to the supporting structure.

Standard 12mm thick abrasion resistant pan & side plate liners of bolt on design for easy and simple maintenance.

Drive mechanism is through heavy duty twin shaft arrangement suitably supported by grease lubricated spherical roller bearings giving greater load carrying capacity and increased life.

Both the shafts are connected through gears which are immersed in oil bath lubrication. They rotate in opposite direction, resulting in linear motion due to the self-synchronizing effect.

Forged alloy steel plain shafts have threaded holes. Counter weights are bolted to these shafts. Amplitude can be adjusted by varying the number of counter weight plates on shafts.

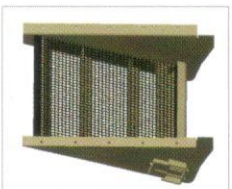
Grizzly bar deck is of cassette type design, fabricated with tapered opening bolted to the frame assembly. Tapered grizzly bars eliminate pegging and improve scalping efficiency.

Standard 12mm thick abrasion resistant liner cover is welded on to the grizzly bars for increased life of the grizzly deck.

Drive is through an electric motor & V-belt drive arrangement. VFD can be used to vary the speed and feed rate of the feeder.

Bottom Deck of bolt on type design is provided to scalp out finer material.

Tensioned screening media with steeper inclination is used for efficient removal of fines.



Standard supply includes: Grizzly Feeder with motor pulley & V belts

Optional extras: Drive guard, drive motor & motor swivel base.

Technical Specifications:

Feeder size Width x Length (mm)	Grizzly Section Length (mm)	Bottom deck Area (Sq.m)	Inclination (deg)	Capacity (mtph)	Max Feed Size (mm)	Speed (rpm)	Max Power	Total weight
1080 x 4300	1800	1.23	0-5 deg	200-350	600	875	15kw/ 20 hp	3.8 mt

The above figures are based on blasted rock as feed material with bulk density of 1.6t/cum

For more information, Contact:

CORE

Hyderabad
Plot No.H-10 & H-11,
IDA, Uppal, Hyderabad-500039,
Telangana, India.
Ph: +91 40 2720 5115 / 5119 / 6199
Email : core@corecrushtech.com

Mumbai
104, Terminal-9, Near Vile Parle Police Station,
Nehru road, Vile Parle (E), Mumbai - 400057,
Maharastra, India.
Tel: +91 22 6611 5702 / +91 95949 40004
Email: info@coreengg.co.in

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