

## FEEDING AND PRE-SCREENING: **2 MACHINES IN 1**



Controlled feeding under a dump hopper and removal of the fines from material can be made with the same machine, the Skako Grizzly Feeder type FGD.

Placed directly under the discharging hopper for Dumpers and fed by material up to 2 meters, the Skako Vibration grizzly feeder type FGD can be up to 10 meters long and have a capacity up to 2000 t/h in standard versions.

## SKAKO GRIZZLY AND GRIZZLY FEEDERS

### DESIGN

Because of their very robust design, with Huck bolt construction, they combine in the same unit, the function of pre-screening and feeding crushers, or any other equipment.

The feeding area can withstand the static loads of the material and the dynamic stress due to the fall of the lumps.

The pre-screening area is designed with sectional, replaceable anti-blinding grates with fall steps to avoid any pegging and to allow efficient fines removal. For sticky material, a special design with 'forged rods' coupled with a high working acceleration, is optionally available.

Skako vibratory grizzlies type SGD do not include feeding and have the unique function of pre-screening. They have to be fed by preceding feeding equipment.

In standard versions, the nominal opening are from 30 - 500 mm.

Skako grizzlies type SGD and Skako grizzly feeders type FGD are driven by 1, 2 or 3 mechanical exciters, powered by one or two electric or hydraulic motors, with the option of regulating the feed rate by utilising a frequency converter.

For the smaller machines, Skako grizzly & grizzly feeders are driven by vibrator motors.

With more than 60 years experience in developing, manufacturing and selling vibratory equipment for bulk handling, and thousands of units working worldwide, Skako grizzly & grizzly feeders have already proven their complete efficiency.



### Benefits

- Two machines in one
- Less maintenance (No moving parts)
- Reliability
- Heavy-duty design and construction
- A range adaptable to all applications
- Possibility of controlling the feedrate
- Proven technical solutions even for sticky materials



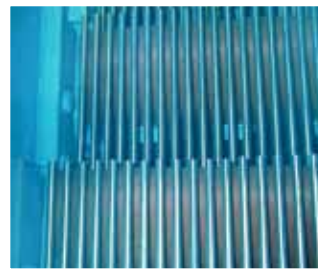
### ADDITIONAL EQUIPMENT



**Static inlet hopper**  
With chain curtain or steel plate curtain



**Heavy duty forged rods**  
For pre-screening sticky material



**Vibrating grizzly bars**  
For the pre-screening at small apertures of sticky material, generally located on the lower deck



**Conical grizzly bars**  
For heavier applications with sticky material



**Frequency converter**  
To control flow rate of feed



**Electronic brake**  
To quickly stop the grizzly feeder



**Longitudinal stops or traction springs**  
To limit forward or backward movement of the machine under load



**Skirt plates**  
To restrain material overflow