



# ROCOSA<sup>®</sup>

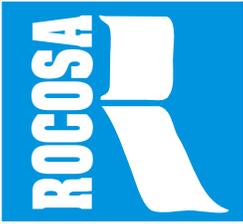
GRUPO INDUSTRIAL, S.A. DE C.V.

## Vibratory Feeders



**Extra Heavy- Duty**

**Quarries - Mines - Cement Plants**



# VIBRATORY FEEDERS

## EQUIPPED WITH THE MOST POWERFUL VIBRATORY MECHANISM BUILT IN MEXICO

Vibratory Feeders are ideal for controlling the input material to a crusher, which ensures continuous production without unwanted shutdowns or machine jams. They are made for a wide range of applications in industry, available in different configurations like: Pan Feeder, Grizzly Feeder (with a section of adjustable divergent steel rails to separate either contaminated or fine material before entering the crusher), and the "All-Grizzly" type feeder (required when handling highly contaminated/fine material, and more classifying area is required).

### Variable Frequency Index - Eccentric Shafts

The additional counterweights not only allow more vibration, but also allow quick & simple vibration adjustments. In our mechanism, there is no need to switch driving and / or driven shafts, or switch to a bigger or lower mechanism. It is possible to change the eccentricity of the shafts by only adding, removing, or rearranging the position of the adjustment counterweights. The access is simple by only removing the covers located on each side of the mechanism.

### Synchronized Gears

A pair of precision heavy-duty gears, built especially for prolonged life using a special steel alloy, perfectly complement the selection of bearings and the design of the eccentric shafts in the exclusive **ROCOSA** mechanism. These high quality gears assure that the two shafts always remain synchronized, and that all counterweights are working together to their maximum effectiveness. The discharge angle will not change, but it's possible to be altered by recalibrating the gears when it becomes necessary due production changes.

### Oil Lubrication System

The **ROCOSA** vibratory mechanism maintains a highly effective continuous lubrication based on high quality oil, with an extra reservoir tank, with a double steel seal, and besides, neoprene seals. This guarantees a low temperature operation and excellent lubrication.

## CAPACITY

INCLINATION	FEEDER WIDTH (INCHES) / MTPH					
	30"	36"	42"	48"	54"	60"
0°	275	350	400	475	525	600
5°	375	450	525	600	675	750

## SPECIFICATIONS

MODEL	HP - Min.	RPM	WEIGHT IN KGS.
24" X 12'	15	830	3,250
30" X 14'	20	830	4,500
36" X 16'	30	825	5,250
42" X 18'	40	825	6,500
48" X 20'	50	815	7,650
54" X 22'	60	815	10,100
60" X 24'	75	800	13,500

\* Specifications shown are subject to changes without prior notice.

NOTE: The production capacity depends on a number of variables, like: feed method, power installed, and the moisture in the raw material, among other factors. As shown are approximate capabilities, these are based using dry limestone, in normal operating conditions.

### HEADQUARTERS

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