

MEKA

MGF SERIES

GRIZZLY FEEDERS

DESIGNED FOR THE MOST SEVERE OPERATING ENVIRONMENTS

MEKA grizzly feeders come in many sizes to balance demands for capacity, impact resistance, weight and installation dimensions. They provide high production and long service life in a wide range of rigorous applications.

www.mekaglobal.com



Besides handling large feed rates with coarse blasted rock, a primary feeder must also take the material impact from dump trucks or wheel loaders. MEKA offers a range of primary grizzly feeders that balance the demands of capacity, impact strength, weight and installation dimensions.

The feeder design allows for better crushing equipment utilization. Vibrating action is combined with proper pan design to ensure even distribution of material on the feeder pan and consistent material flow. The large stroke produces high throughput tonnage with superior material separation at the grizzly. You get the most out of your primary crusher by feeding only what needs to be crushed. Overall operating costs are decreased, strengthening your return on investment.



The heavy duty design of the feeder pays off in open pit applications with coarse feed of up to 1000 mm to match large jaw crushers and primary impact crushers.

Wide MEKA grizzly feeder range includes different types of feeders to be used in small mobile crushing units to extra heavy mining applications. MEKA can custom engineer virtually any size to meet your specifications. Configurations can be custom engineered for your operation with up to three grizzly decks

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PRODUCT FEATURES



BODY

- The feeder's body is all welded for maximum impact rigidity. This robust design enables to accept the material impacts from dump trucks or wheel loaders.
- Large stroke high agitation motion results in a high capacity feeder with superior grizzly separation
- High strength steel in the pan and deep side sheets improve the overall strength of the entire feeder weldment.
- Deep side sheets to minimize spillage
- Suspended on heavy-duty coil springs for minimum transmission of dynamic loads.

- Replaceable pan liners available in a variety of materials to meet your material and workload requirements, including:
 - Mild steel
 - Abrasion resistant
 - Stainless steel
 - Rubber
- Heavy coil spring support system for longer life, less downtime.

DUAL VIBRATOR MOTOR DRIVE

Unbalanced vibration motors provide a flexible and reliable operation with high availability. The dual unbalanced electric motor drive makes a simple stepless feed rate adjustment possible using a frequency converter.

GRIZZLY

Tapered, bolt-in grizzly bars with deep profile; The grizzly bars are extra deep with an accentuated taper. This deep profile combined with the taper minimizes the occurrence of plugging and blinding. The bolt-in bars allow for a wider range of bar spacing to better match the crusher setting in any given application. They also provide greater control over the separation of fines.

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TECHNICAL SPECIFICATIONS



		MGF 525	MGF 935	MGF 1146	MGF 1260	MGF 1450	MGF 1460
W x L	mm	520x2500	900x3500	1100x4600	1200x6000	1400x5000	1400x6000
	inchxfeet	20x8	35x11	43x15	47x20	55x16	55x20
Drive	kW	2x4	2x7.5	10	11,90	11,90	13,90
	HP	2x5.5	2x11	13.60	16.18	16.18	18.90
Capacity	mtph	80-100	150-200	200-300	400-600	300-500	500-800
	stph	88-110	165-220	220-330	440-660	330-550	550-880
Length of Grizzly		Single Section	Single Section	Single Section	Double Section	Single Section	Double Section
	mm	820	1000	1400	2800	1840	2800
	feet	2.5	3.3	4.6	9	6	9
Maximum Feed Size	mm	350	600	800	800	900	900
	inch	14	24	32	32	36	36

>> At specified inclination and 1.6 t/m³. Capacities depend not only on feeder size but also on feeder inclination, feed gradation, etc.