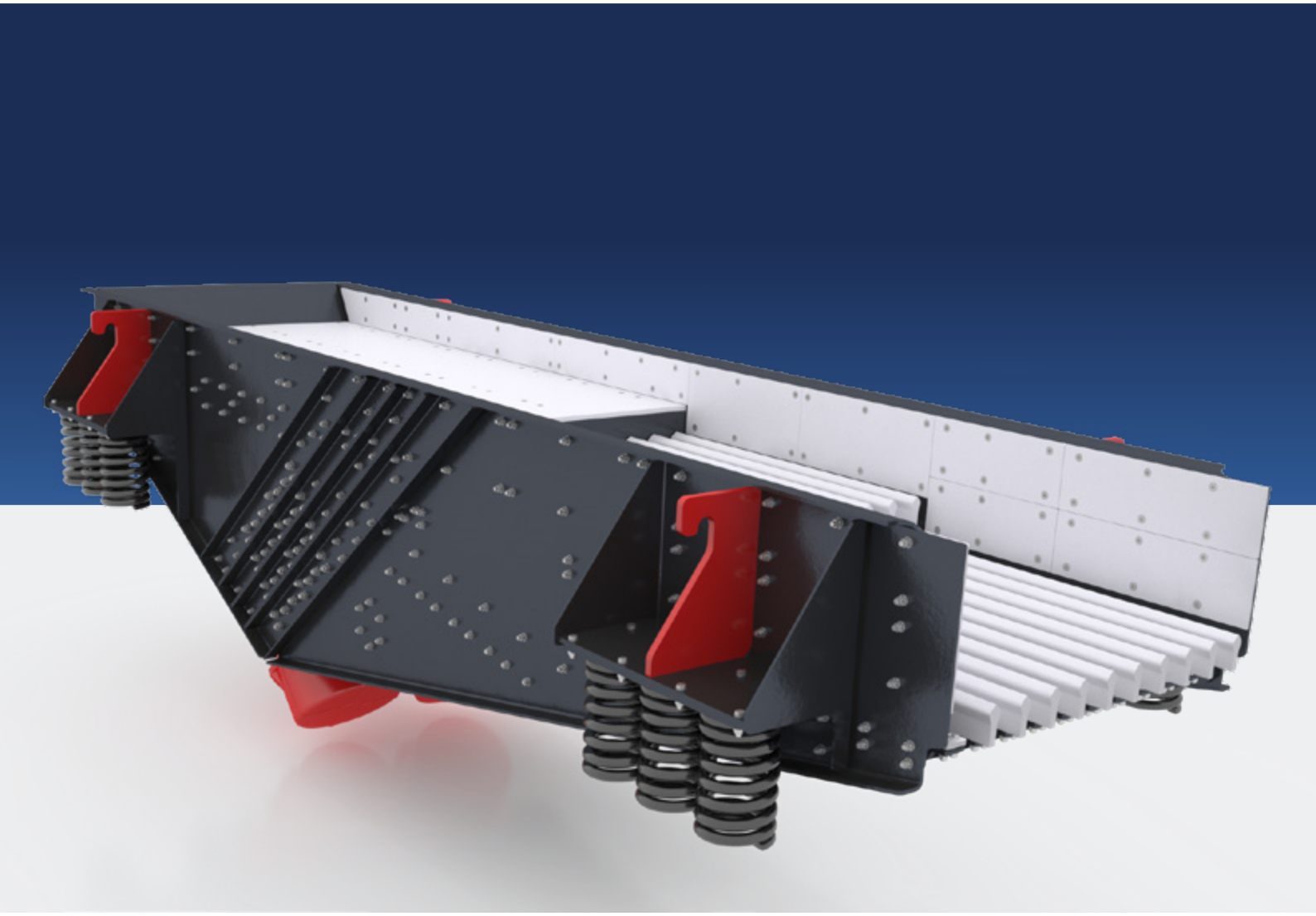
MGF SERIES

GRIZZLY FEEDERS



FOR THE TOUGHEST WORKING CONDITIONS

› DURABLE › RELIABLE › EFFICIENT

MEKA

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HIGH CAPACITY FOR COARSE MATERIAL FEEDING

MEKA Grizzly Feeders are designed for superior performance in the toughest conditions. They have a durable body with high resistance to abrasion. The heat-treated drive console and high-quality vibrating motors or eccentric shaft drive systems guarantee maximum efficiency, reliable feeding and long-term, effective operation with minimal breakdowns.

These feeders are used in the primary feeding stage for simultaneous feeding and separation. Vibrating motors located on the feeder body produce linear motion, ensuring regular material feeding. The grizzly opening of the feeder is determined according to the distribution of the material to be fed and the crusher discharge setting. Thus, materials smaller than the crusher setting are prevented from entering the crusher, while fine materials are separated through the grizzly before reaching the crusher.

MEKA Grizzly Feeders increase the efficiency of the plant, ensuring even distribution of the material on the feeder table and regular material flow. The conical and deep profile design of the grizzly prevents material plastering and clogging of the grizzly. In addition, the size of the separation can be controlled thanks to the adjustable opening of the grizzly. With the double vibrating motor drive system, the material feed speed can be adjusted by changing the eccentric weight positions.

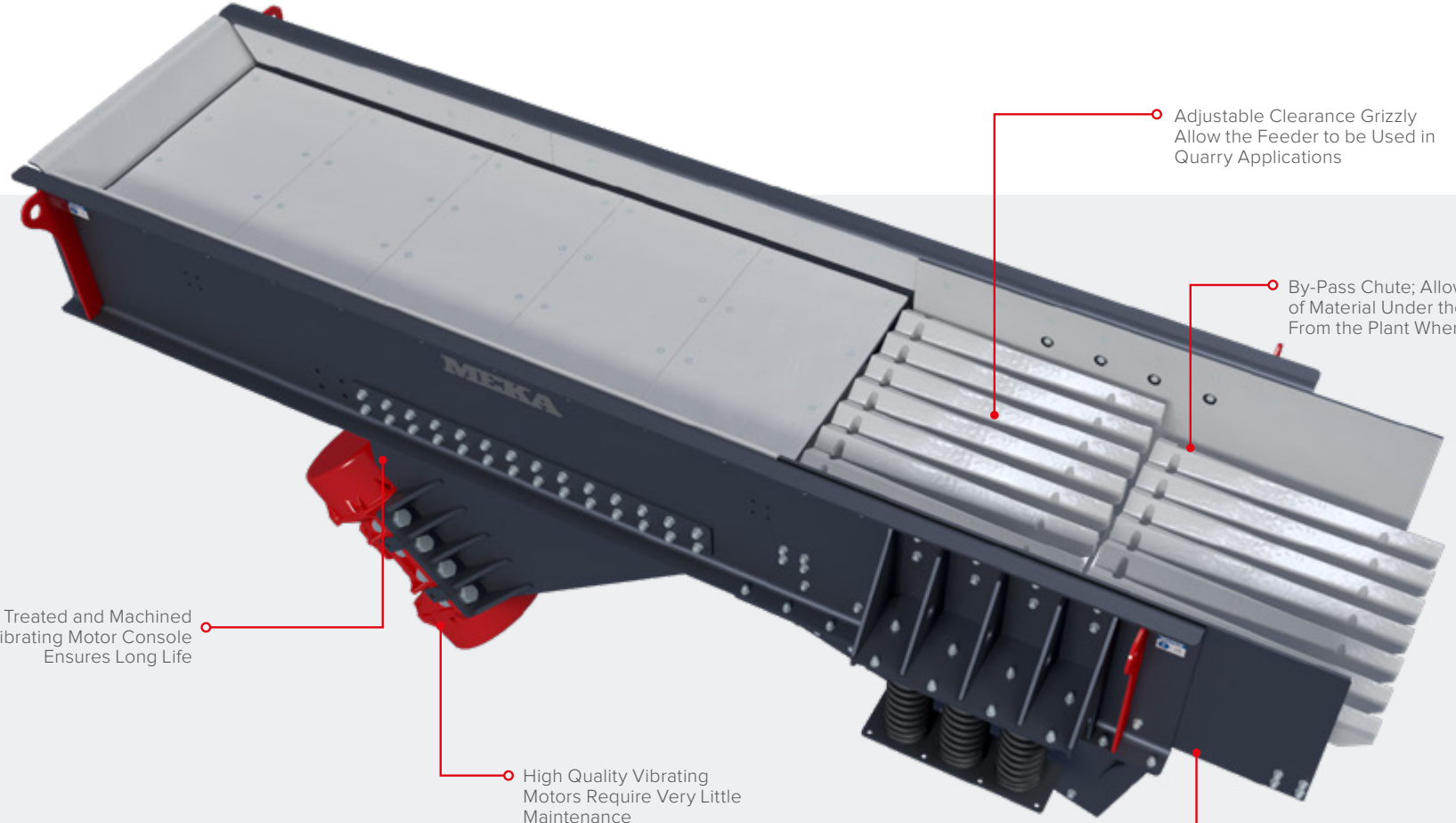
Designed for different applications such as basalt, limestone, recycling material and river stone feeding.

GENERAL APPLICATION AREAS

They provide high production and long service life in a wide range of demanding applications.

They can be used in different applications such as basalt, limestone, recycling material, river stone feeding.

READY FOR
THE HEAVIEST WORKLOADS
WITH EVERY DETAIL



WHY MEKA GRIZZLY FEEDERS?

IMPACT RESISTANCE

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. Besides handling large feed rates with coarse blasted rock,

a primary feeder must also take the material impact from dump trucks or wheel loaders.

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 plates improve the overall strength of the entire feeder weldment.
- Deep side plates 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 steel
  - Stainless steel
  - Rubber
- Heavy coil spring support system for longer life, less downtime.

VERSATALITY

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.

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.

DUAL VIBRATING MOTOR DRIVE

Unbalanced vibrating 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.

TECHNICAL SPECIFICATIONS

SPECIFICATIONS

	Spec	Unit	MGF 0630	MGF 0942	MGF 1152	MGF 1160	MGF 1260	MGF 1360	MGF 1460	MGF 1660
	WidthxLength	mm x mm	650x3000	900x4200	1100x5200	1066x6000	1200x6000	1300x6000	1400x6000	1600x6000
		inchxfeet	25,6''x10'	35''x14'	43''x17'	43''x20'	47''x20'	51''x20'	55''x20'	63''x20'
	*Capacity	mtph	100-200	250-400	400-640	400-640	450-750	500-825	550-875	650-1000
		stph	110-220	275-440	440-706	440-706	495-825	550-907	605-960	715-1100
	Length of Grizzly		Single Section	Single Section	Double Section	Double Section	Double Section	Double Section	Double Section	Double Section
		mm	1000	1500	2000	1400	2800	2000	2800	2000
		inch	40	61	79	55	110	79	110	79
	Max. Feed Size	mm	350	600	800	800	900	975	1050	1200
		inch	14	24	32	32	36	38	41	47
Vibromotor	Power @50hz	kW	2x3,2	2x6.1	2x10.1	2x10,1	2x11.9	2x13.9	2x13.9	2x13,9
Vibromotor	Power @50hz	HP	2x4,3	2x8	2x13.6	2x13,5	2x16	2x18.9	2x18.9	2x18,9
Vibromotor	Speed	RPM	1000	1000	1000	1000	1000	1000	1000	1000
Vibromotor	Power @60hz	kW	2x3.4	2x7.5	2x10.6	2x10,6	2x11	2x16.5	2x16.5	2x16.5
Vibromotor	Power @60hz	HP	2x4.5	2x10	2x14.2	2x14,2	2x14.7	2x22.1	2x22.1	2x22.1
Vibromotor	Speed	RPM	900	900	900	900	900	900	900	900
Exciter Drive	Power	kW	-	-	22	22	22	30	30	37
Exciter Drive		Hp	-	-	30	30	30	40	40	50
Exciter Drive	Speed	RPM	-	-	500-800	500-800	500-800	500-800	500-800	500-800

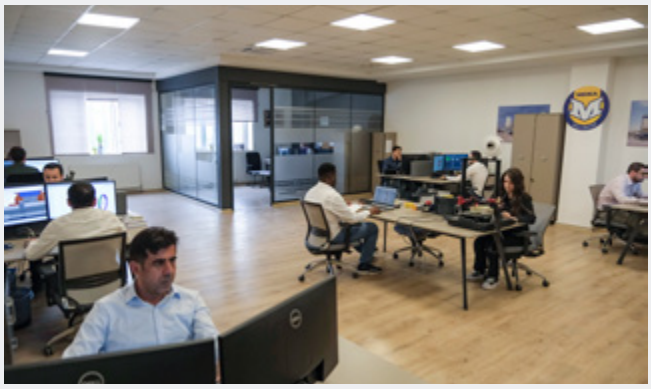
** At specified inclination and for material weighing 1.6 t/m^3 or 100 lbs/ft^3.Capacity values are indicative only and depend not only on feeder size but also on feeder inclination, feed gradation, etc..*

TRUSTED BRAND IN MORE THAN 38 YEARS

THE CHOICE OF PROFESSIONALS IN MORE THAN 110 COUNTRIES: MEKA

MEKA has a global capacity with more than 80 engineers, nearly 500 employees and experience of producing more than 4500 complete plants. With 5 separate production facilities and a worldwide service network, MEKA is a reliable manufacturer.

With its after-sales services network and strong infrastructure in spare parts, MEKA does not only produce equipment or plants, but also offers you the comfort of predictable production and uninterrupted earnings.



Reliable Solutions for
Aggregate Production, Mining,
Recycling and Ready Mixed
Concrete Industries

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