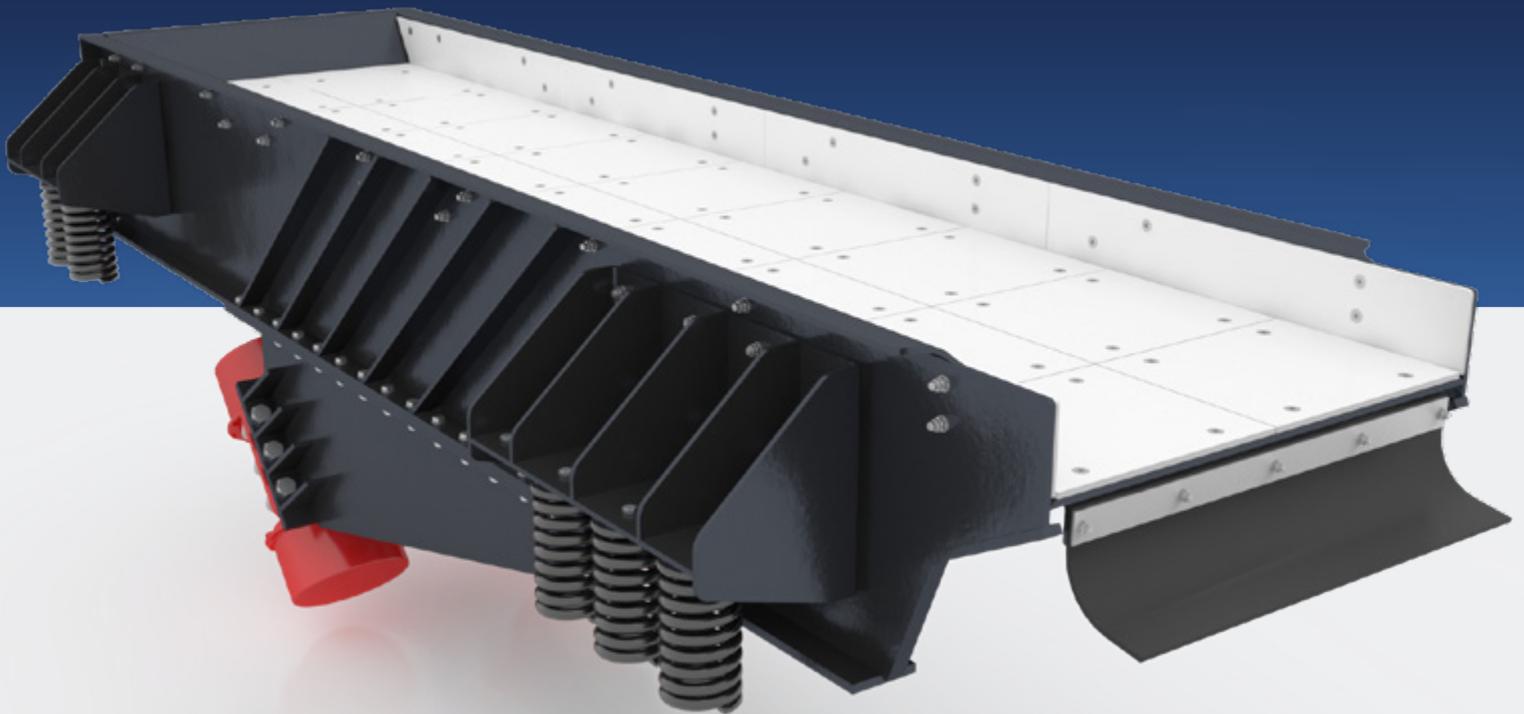


MVF SERIES

VIBRATING FEEDERS



FOR THE TOUGHEST WORKING CONDITIONS

› DURABLE › RELIABLE › EFFICIENT

MEKA

www.mekaglobal.com

SOLUTIONS FOR FLEXIBLE CRUSHER FEEDING

The design and wide size range of MEKA pan feeders is adapted to make proper access around crushers possible and decrease the total cost of the installation. The versatile design can be mounted on support springs or hung from cables, depending on the location and application. Sometimes fed by a dump truck or a front end loader, or directly from under a stockpile. Whatever type of feed is required and dependent upon the type of the feeder installed, the feed rate is controlled by the machines vibration frequency and often the controls, which can be manual or automatic and can be programmed to receive a signal from a PLC

The high capacity vibrator motors generate up to 10mm stroke for maximum production in most any materials from small granular materials to large lumps produced from primary crushers. A wide range of sizes is available to suit your needs. Many feeder lengths make installation flexible and can reduce your total cost of installation. Removable pan extensions are available for some sizes to suit installations where, for instance, access for maintenance above a Crusher is critical. Heavy duty version with larger drive and heavier design is available for all sizes to make sure you get a feeder with the resilience and capacity you need.



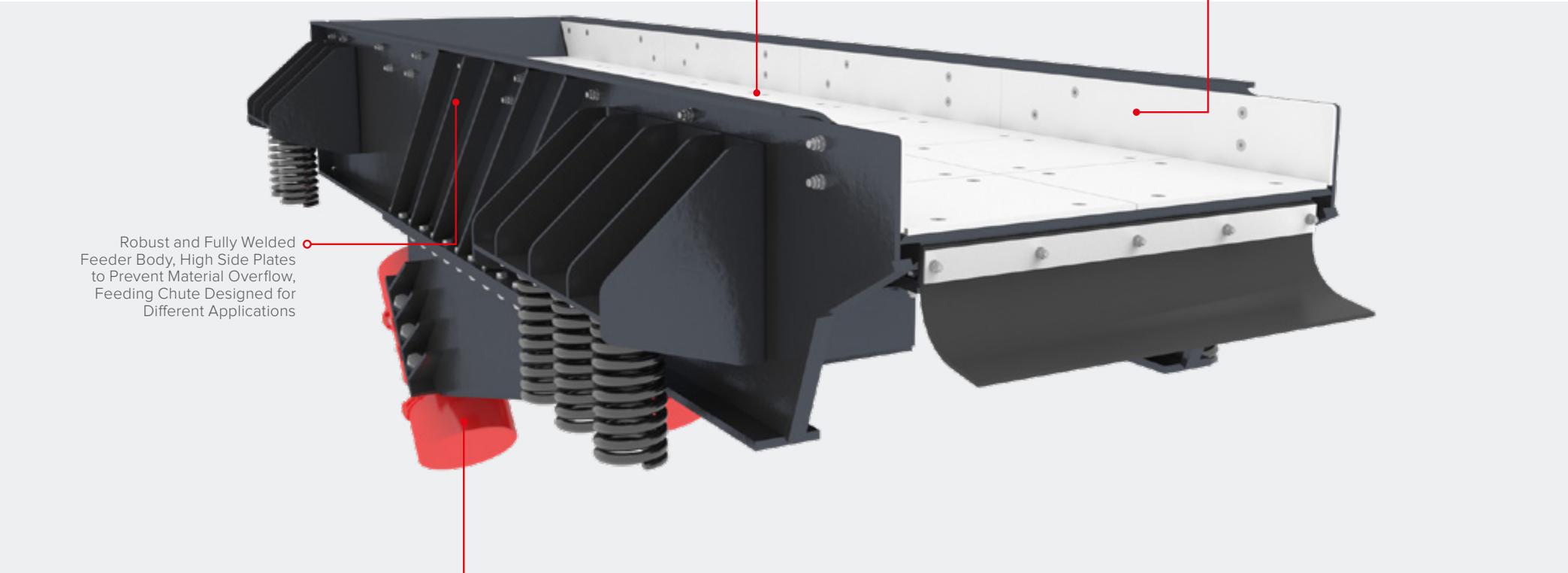
GENERAL APPLICATION AREAS

They are used under hoppers, in tunnel applications under open stockpiles, at crusher inlets and outlets for regular feeding of material in order to achieve maximum efficiency in crushing and screening plants.

Thanks to high quality vibrating motors, they provide efficient feeding of very fine and coarse materials.



READY FOR THE HEAVIEST WORKLOADS WITH EVERY DETAIL



The Feed Capacity Can be Adjusted By Changing the Position of the Weights on the Vibrating Motors, Speed Can Also be Adjusted With the Optional Frequency Converter

Replaceable, Bolt-On Wear-Resistant Liners on Sides and Feeder Base

Robust and Fully Welded Feeder Body, High Side Plates to Prevent Material Overflow, Feeding Chute Designed for Different Applications

High Quality Heavy Duty Vibro Motors Require Very Little Maintenance

WHY MEKA VIBRATING FEEDERS?

DRIVE

The dual unbalanced motors fitted to the rear of the feeder rotate in opposite directions and self-synchronize to give the feeder pan it's linear motion. This action lifts the material and carries it forward on each rotation providing a constant feed rate. The self synchronization means that no gearbox or other transmission is needed.

The feed rate can either be adjusted by repositioning weight segments in the drive or during operation using an optional variable speed control. (Frequency Converter)

Heavy duty vibrating motors are lubricated for life which minimize maintenance.



SPRINGS

Coil spring suspensions provide smooth running and support in severe applications.

SIZES AND MOUNTING ARRANGEMENT

Wide range of sizes and options available for both construction and mining duties.

Both base mounted and suspended installations available with adjustable inclination. Low Profile design fits well in tunnels and under hoppers.

Prepared for simple dust encapsulation. Adjustable inclination from 0-12 degrees to adapt to different materials and installation requirements.



BODY

Robust, all welded feeder body with high sidewalls effectively prevent spillage and simplify feed chute design.

LINERS

Replaceable AR bolted wear liners on sides and pan protect the feeder for maximum life.



TECHNICAL SPECIFICATIONS



SPECIFICATIONS

		MVF 6515	MVF 8517	MVF 1020	MVF 1220	MVF 1520	MVF 1020C	MVF 1320C	MVF1520C
WidthxLength	mm x mm	650x1500	850x1700	1000x2000	1200x2000	1500x2000	950x2025	1300x2000	1450x2025
	inchxfeet	25"x5'	33"x5½"	39"x6½'	47"x6½'	59"x6½'	37½"x6½'	51¾" x 6¾'	57¼" x 6½'
Power @50hz	kW	2x0.9	2x1.96	2x1.96	2x2.2	2x3.2	2x1,96	2x2,2	2x2,2
	HP	2x1.2	2x2.8	2x2.8	2x2.95	2x4.3	2x2.62	2x2,95	2x2,95
Power @60hz	kW	2x0.9	2x2.3	2x2.3	2x2.3	2x3	2x2,3	2x2,3	2x2,3
	HP	2x1.2	2x3	2x3	2x3	2x4	2x3	2x3	2x3
*Capacity	mtph	100-180	180-275	220-400	250-500	300-600	220-400	300-550	400-650
	stph	110-198	198-302	242-440	275-550	330-660	242-440	330-605	440-715
Maximum Feed Size	mm	200	260	300	330	460	300	400	460
	inch	8	10	12	13	18	12	16	18

* At specified inclination and for material weighing 1.6 t/m³ or 100 lbs/ft³. Capacity values are indicative only and depend not only on feeder size but also on feeder inclination, feed gradation, etc..

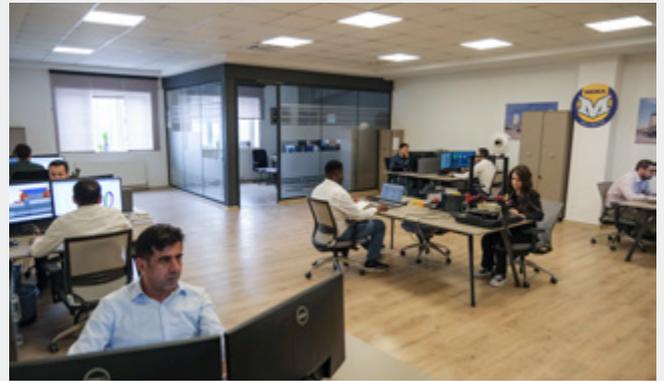
TRUSTED BRAND IN MORE THAN 38 YEARS



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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