

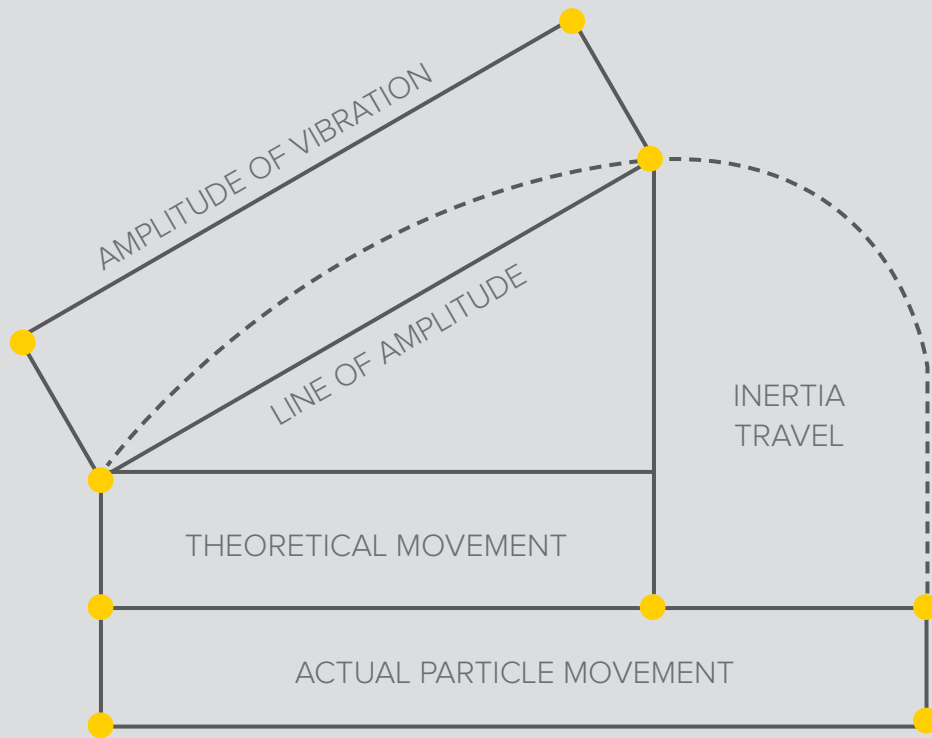


MEKA

MF SERIES FEEDERS

PROPER FEEDING
ENSURES EFFECTIVE CRUSHING

MEKA CRUSHING SCREENING AND
CONCRETE BATCHING TECHNOLOGIES
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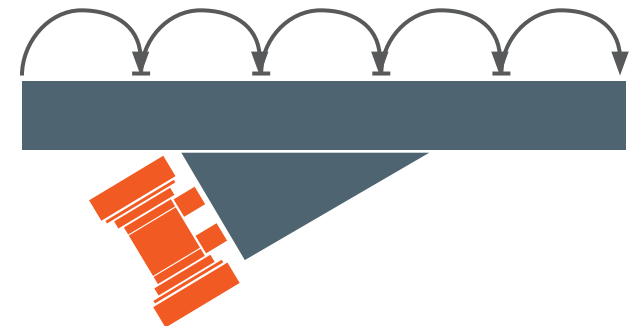


WHAT IS FEEDING/FEEDERS?

Feeding by definition, means, “to supply or maintain a flow of material.” Feeders are placed throughout a plant to maintain the flow of material coming into the next stage of the process.

WHAT IS VIBRATING FEEDERS?

The Vibratory Movement means “to move back and forth rapidly.” The equipment and process solutions described in this guide all use this rapid “back and forth” motion to move or feed product. On a vibratory feeder, material is “thrown” up and forward so that it drops to the surface at a point further down the tray. This is the feeder’s amplitude.





MEKA FEEDERS

Designed according to detailed engineering works and in-depth research, MEKA feeders provide excellent performance in feeding material to crushers, ensuring increased crushing performance and equally distributed wear. We offer several types of feeders, each specific to the type of material being fed: vibrating grizzly feeders, vibrating feeders with grizzly screen, vibrating feeders to be installed underneath surge hoppers, in tunnels under open stockpiles, or on crushers for uniform feeding.

Please take a look at our range of feeders with descriptions, advantages and technical details.

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VIBRATING GRIZZLY FEEDERS



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MF SERIES VIBRATING GRIZZLY FEEDERS

VIBRATING GRIZZLY FEEDERS TECHNICAL DATA

		MF 935	MF 1146	MF 1450
Width	(mm)	900	1100	1370
	(ft)	3	3.6	4.5
Length	(mm)	3500	4600	4880
	(ft)	11	15	16
Capacity	(tph)	150-200	200-300	300-600
	(stph)	165 - 220	220 - 330	330 - 660
Hopper Volume	(m ³)	20	30	40
	(yd ³)	26	39	52
Power	(kW/rpm)	2x8/1000	2x10,9/1000	2x11,9/1000
	(hp)	2x10.7	2x14.6	2x16
Weight	(kg)	8800	23000	33000
	(lbs)	19400	50700	72800



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VIBRATING FEEDERS WITH GRIZZLY SCREEN



VIBRATING FEEDERS WITH GRIZZLY SCREEN

Meka's vibrating feeders with grizzly screen have been designed for the most difficult conditions and applications. Various grizzly bar options make our feeders suitable for specific needs where primary separation is required. High abrasive resistance, durable heat-treated drive console and high-quality vibrators ensure high efficiency, stable feeding and effective long-term operation with minimum breakdowns.



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VIBRATING FEEDERS WITH GRIZZLY SCREEN

VIBRATING FEEDERS WITH GRIZZLY SCREEN TECHNICAL DATA

		MF 1256	MF 1464	MF 1880
Feeder Size	(mm)	1100x4000	1300x4000	1800x5000
	(ft)	3.6x13	4.3x13	5.9x16
Grizzly Size	(mm)	1200x3000	1400x3000	1900x3000
	(ft)	3.9x9.8	4.6x9.8	6.2x9.8
Capacity	(tph)	200-300	300-600	1000-1500
	(stph)	220 - 330	330 - 660	1100 - 1650
Hopper Volume	(m ³)	30	40	60
	(yd ³)	39	52	78
Power	(kW/rpm)	4x9,8/1000	4x10,2/1000	2x11,5-2x19/1000
	(hp)	4x13.1	4x13.7	2x15.4 - 2x25.5
Weight	(kg)	32000	36000	51500
	(lbs)	70500	79400	113500



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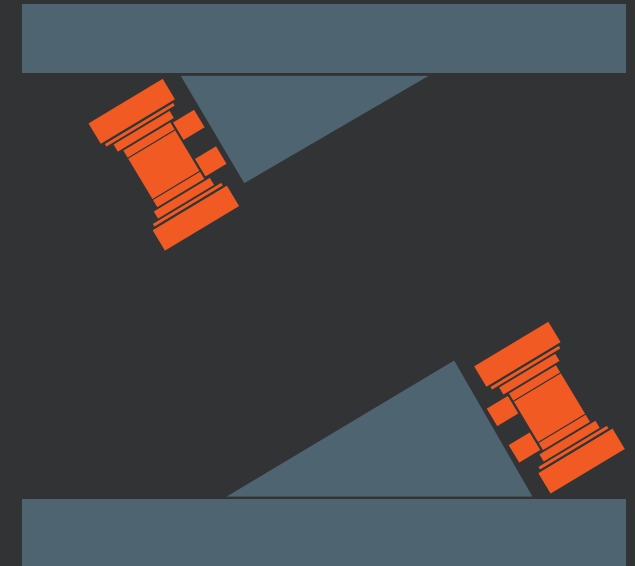
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VIBRATING FEEDERS DRIVE TYPES

BELOW-PAN

The standard below-pan mounting of vibrators is the most widely used.

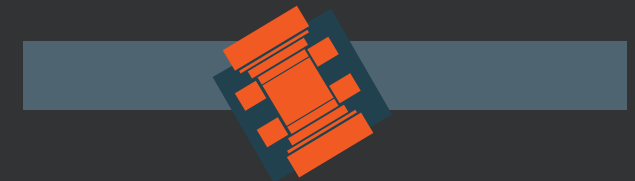


ABOVE-PAN

Where installation requirements dictate, the above-pan mounting can also be used.

SIDE-MOUNT

Side mounting of drives is also available with vibrators.



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VIBRATING FEEDERS



MEKA VIBRATING FEEDERS

Meka vibrating feeders have been designed to operate in the hardest conditions and applications. High wear resistance, durable heat-treated drive console and high-quality vibrators ensure peak efficiency, stable feeding and effective long-term operation with minimum breakdowns.

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MF SERIES VIBRATING FEEDERS



PROVEN QUALITY VIBRATORS

The vibrators used on our feeders are of internationally approved quality, and serve to increase feeder performance to the highest level. The frequency of these vibrators is adjustable through the control panel, making it very easy to maintain the vibrating feeder's performance at peak levels.

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MF SERIES VIBRATING FEEDERS



VIBRATING FEEDER

Meka vibrating feeders have been designed for the hardest conditions and applications. A variety of sizes and types make our feeders suitable for the constant feeding of crushers at the secondary and tertiary crushing stages. High wear resistant, durable heat-treated drive console and high-quality vibrators ensure high efficiency, stable feeding and effective long-term operation with minimum breakdowns.



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VIBRATING FEEDERS TECHNICAL DATA

		MF 6515	MF 8517	MF 1020	MF 1220
Width	(mm)	650	850	1000	1200
	(ft)	2.1	2.8	3.3	3.9
Length	(mm)	1500	1700	2000	2000
	(ft)	4.9	5.6	6.6	6.6
Capacity	(tph)	100-150	150-200	200-250	250-350
	(stph)	110 - 165	165 - 220	220 - 275	275 - 385
Power	(kW/rpm)	2x1,1/1500	2x1,6/1500	2x2,2/1500	2x2,2/1500
	(hp)	2x1.5	2x2.1	2x2.9	2x2.9
Weight	(kg)	700	900	1100	1300
	(lbs)	1550	2000	2400	2900



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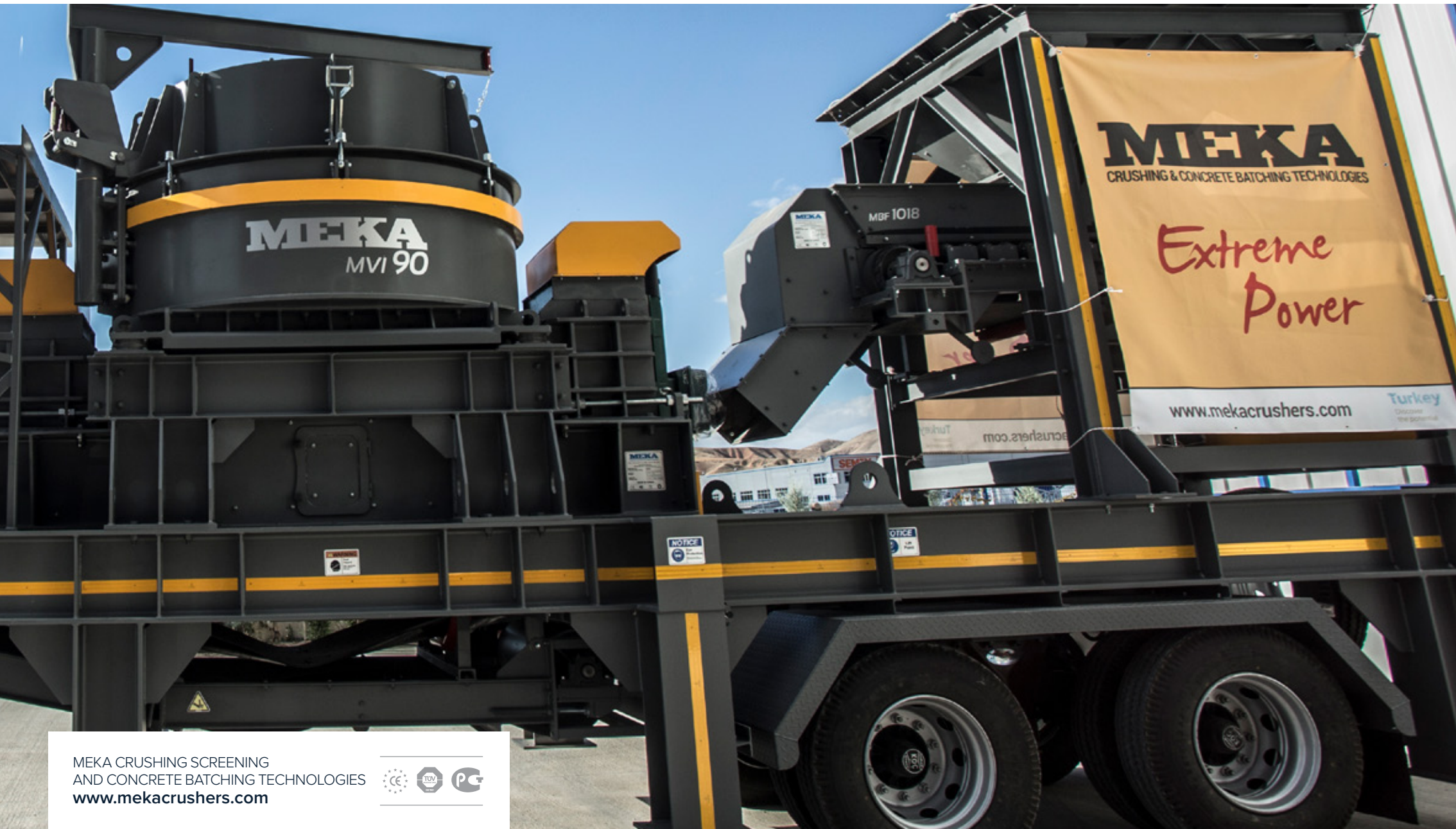


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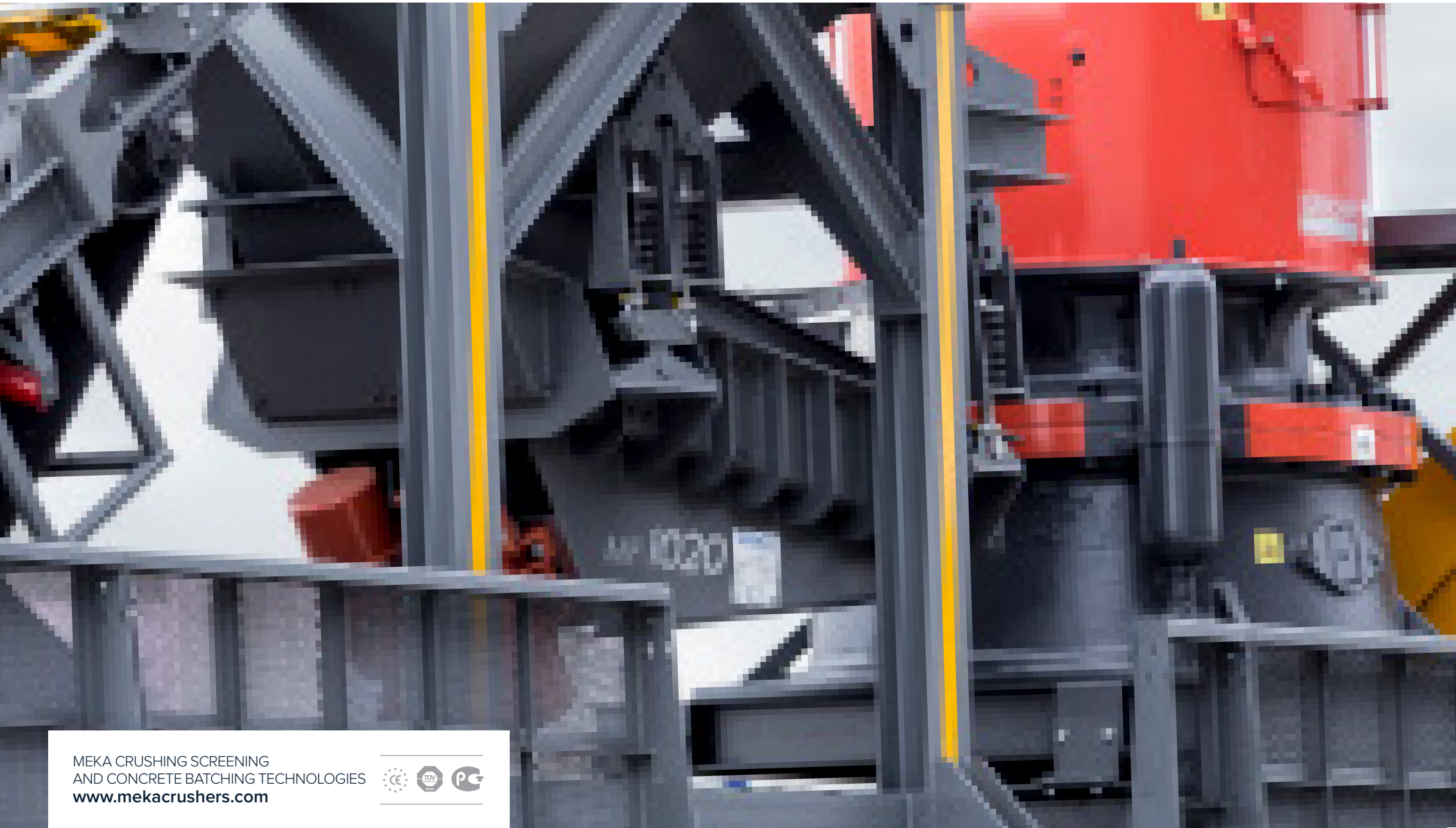


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MEKA IS A PROFESSIONAL SOLUTION

Meka has developed and manufactured crushing-screening machines, washing equipment, stationary and mobile crushing and screening plants, recycling plants for concrete and asphalt, and concrete batching plants for a great number of customers. Today, there are more than 2,000 Meka plants in over 65 countries on four continents contributing to the construction of a better world. Meka is preferred by global leaders such as Holcim, Lafarge, Cemex, and Heidelberg, and our brand is acknowledged as “the choice of professionals” worldwide.



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HEAD OFFICE

Çamlıca Mah. Anadolu Bulvarı
147. Sokak Atlas İş Merkezi
No:5/9 Gimat ANKARA - TURKEY
+90 312 397 91 33-34-35
Fax: +90 312 397 10 34
sales@meka.com.tr

www.meka.com.tr

www.mekaconcreteplants.com

www.mekacrushers.com