



MEKA SCREENS

AT THE HEART OF
EVERY QUARRY
AND MINE ARE
SCREENS

The screening process is just as important as the crushing itself. Screens are the hub of every rock processing plant. They are used to classify materials both in different stages of the crushing process and in final product separation. Designed as a non-welded frame with adjustable vibration features for different material types and screening sizes, MEKA screens provide screening efficiency that is high quality and dependable. Our screens come in various sizes starting from 2 m² (22 sqft) up to 16 m² (172 sqft) and are equipped with up to four decks that can be supplied with different types of screening media, such as grizzly, perforated sheet, polyurethane and steel meshes, with washing options to meet the requirements of a wide range of applications.

INCLINED SCREENS
HORIZONTAL SCREENS
GRIZZLY SCREENS

MEKA INCLINED SCREENS

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	Dimensions		Number of Decks	Power	
	mm	feet		kW	HP
MS 1240	1200x4000	4x13	2 / 3 / 4	7.5	10
MS 1540	1500x4000	5x13	2 / 3 / 4	15	20
MS 1650	1600x5000	5.2x16.4	2 / 3 / 4	15	20
MS 2050	2000x5000	6.6x16.4	2 / 3 / 4	18.5	25
MS 2060	2000x6000	6.6x20	2 / 3 / 4	22	30
MS 2460	2400x6000	7.9x20	2 / 3 / 4	30	40
MS 2563	2500x6300	8.2x20.7	2 / 3 / 4	37	50



Huck-Bolted Assembly Side Plates

Screen bodies with a conventional bolted assembly create extra labour costs, increase safety risks and reduce overall profitability because of the rupture of bolts caused by loosening nuts. MEKA's MS and MGS series vibrating screens with huck-bolted assembly don't require maintenance for bolts and nuts, so they also ensure workplace safety.



Self Tensioned Motorbase

In MS and MGS series vibrating screens, a self-tensioned motorbase is a standard feature to protect both the electric motor and drive belts against tension caused by vibrations, meaning less maintenance duration and lower costs for our customers.

MEKA

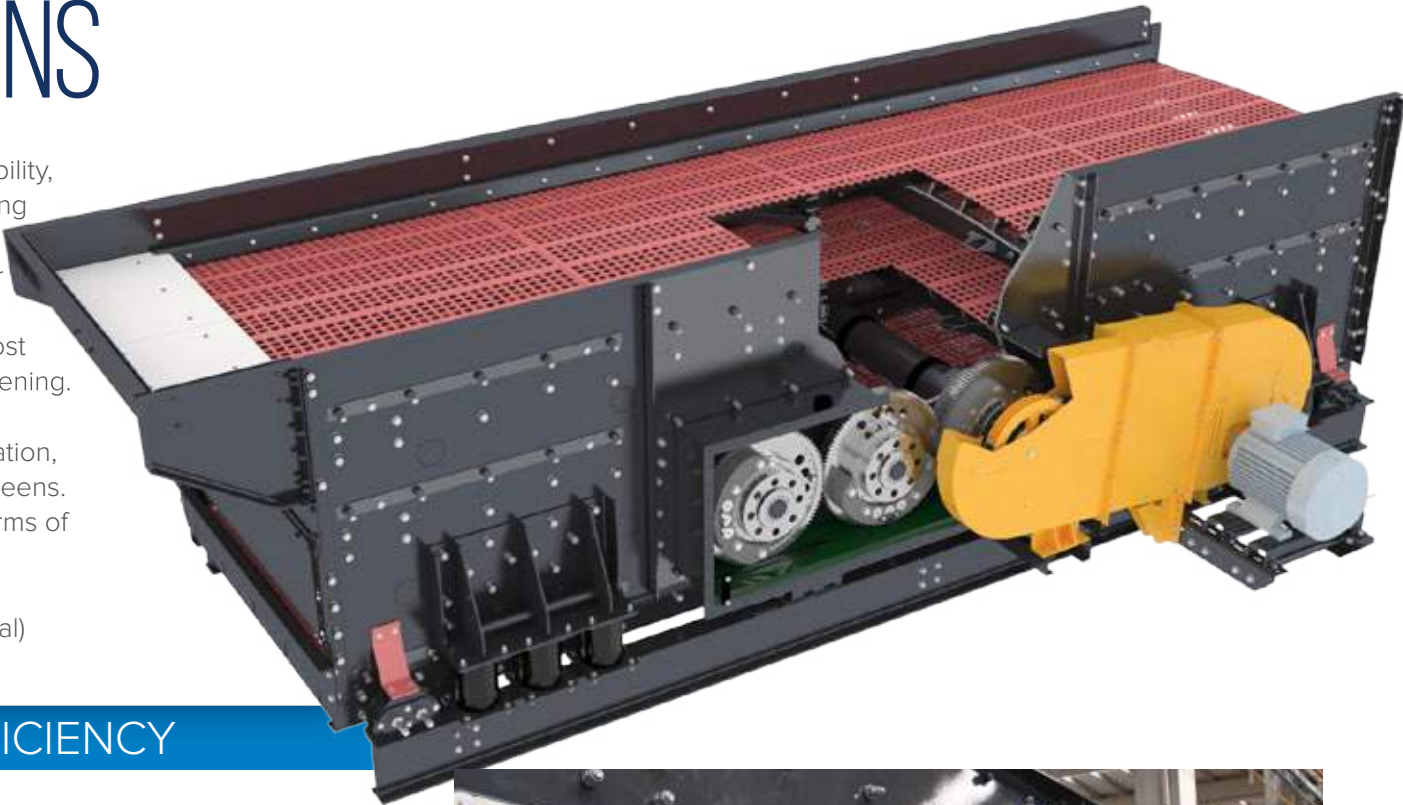
HORIZONTAL SCREENS

MEKA Horizontal Screens are a combination of quality, reliability, and performance; providing a long service life while operating under the most demanding applications.

Nowadays, customers are requiring tighter specifications for products for precisely shaped aggregate or closely-sized stone. As a result, tighter control over the process is of utmost importance and the most effective point to do that is at screening. For that critical step you can trust MEKA Horizontal Screens.

The screens elliptical motion is combined with high acceleration, thereby bringing more power into play than in traditional screens. This “high power” feature delivers better performance in terms of both throughput and screening efficiency.

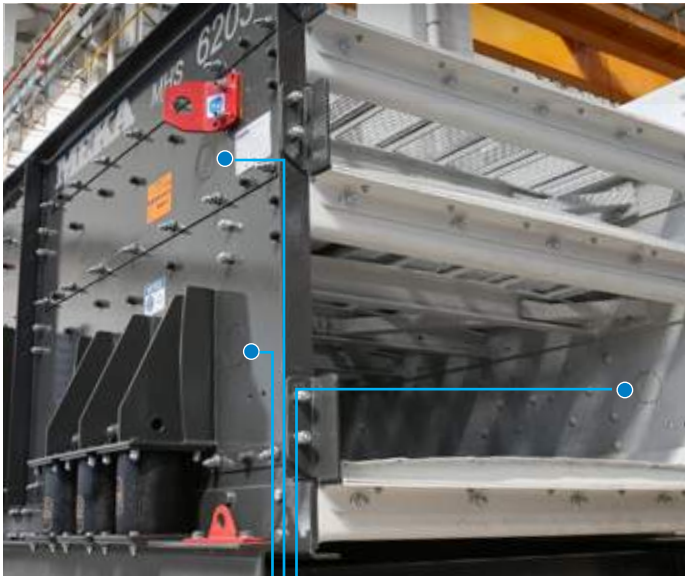
The mounting arrangement of MEKA Horizontal Screens is with coiled springs or with reinforced rubber springs (optional) depending on the application.



ENDURANCE, CAPACITY AND EFFICIENCY

	Dimensions		Number of Decks	Power		Speed rpm	Weight	
	mm	feet		kW	HP		kg	lbs
MHS 1848/2	1830x4877	6x16	2	30	40	675-875	9124	20115
MHS 1848/3	1830x4877	6x16	3	37	50	675-875	10874	23973
MHS 1860/2	1830x6069	6x20	2	30	40	675-875	9576	21111
MHS 1860/3	1830x6069	6x20	3	37	50	675-875	11326	24970
MHS 2148/2	2134x4877	7x16	2	37	50	675-875	10045	22145
MHS 2148/3	2134x4877	7x16	3	37	50	675-875	11795	26004
MHS 2160/2	2134x6069	7x20	2	37	50	675-875	10675	23534
MHS 2160/3	2134x6069	7x20	3	45	60	675-875	12425	27392
MHS 2448/2	2438x4877	8x16	2	37	50	675-875	10991	24231
MHS 2448/3	2438x4877	8x16	3	45	60	675-875	12741	28089
MHS 2460/2	2438x6069	8x20	2	37	50	675-875	11517	25391
MHS 2460/3	2438x6069	8x20	3	45	60	675-875	13267	29249





Quickly Convert Washing Screen



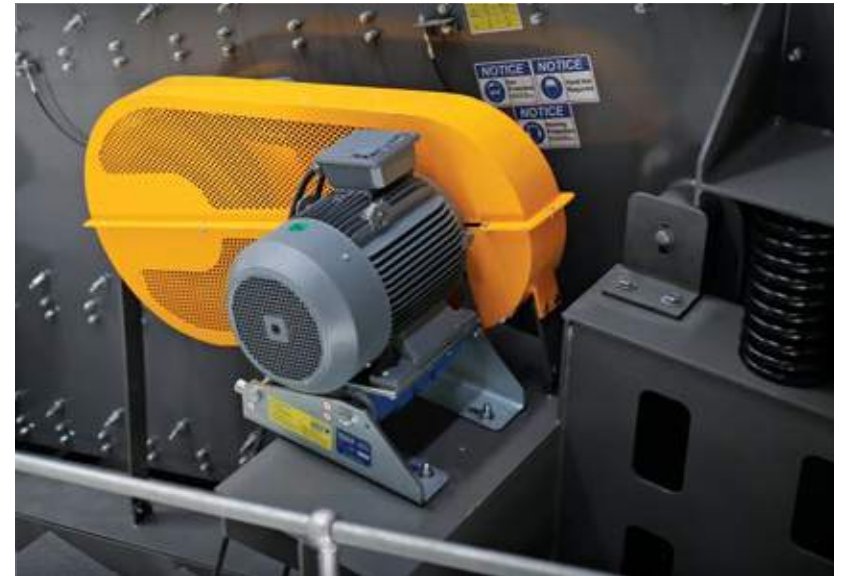
MEKA GRIZZLY SCREENS

Grizzly Screens have been designed for the toughest applications capable of high capacity and the ability to process abrasive material. These screens have a very robust design, which allow them to operate under tough conditions (primary or secondary). They particularly perform very well when used to remove the fines between two crushing stages.

	Dimensions		Number of Decks	Power		Weight	
	mm	feet		kW	HP	kg	lbs
MGS 1230	1200x3000	4x10	2	11	15	9124	20115
MGS 1430	1400x3000	4.6x10	2	15	20	4800	10600
MGS 1640	1600x4000	5.2x13	2	18.5	25	6500	14300

Perfect preliminary screening, separation and feeding





High quality side plates resistant to vibration

MGS series vibrating screen is made of side plates that are resistant to vibration, allowing our customers to use them long-term with the same durability as during first use. With this steel plate's durability, the screen body becomes more tolerant and resistant to vibration.

In this way, our innovations prevent fractures that commonly occur on other screens, particularly around the drive system. Such fractures make the screen unusable by expanding on the side plate.

Modular type drive system

MEKA MGS series screens are equipped with a modular drive system for easy servicing. The two-piece drive-shaft system can be detached easily one by one, reducing servicing duration. Additionally, the Cardan shaft connecting the modular shafts is superior to traditional, heavier, single-piece shafts in terms of easy maintenance.

