

MSS SERIES

SCALPER SCREENS



FOR THE TOUGHEST WORKING CONDITIONS

› DURABLE › RELIABLE › EFFICIENT

MEKA

www.mekaglobal.com

BUILT TO SCALP THE TOUGHEST, MOST ABRASIVE MATERIALS

MEKA Scalper Screens are built with a robust, heavy-duty design for coarse material feeding and high tonnages. These screens are often used in combination with a apron, pan or push feeder before the primary crusher for the most efficient results. Offering material screening with a single grizzly or perforated plate on the top deck and screening media at the lower deck. Depending on the application, single grizzly deck screens can also be supplied

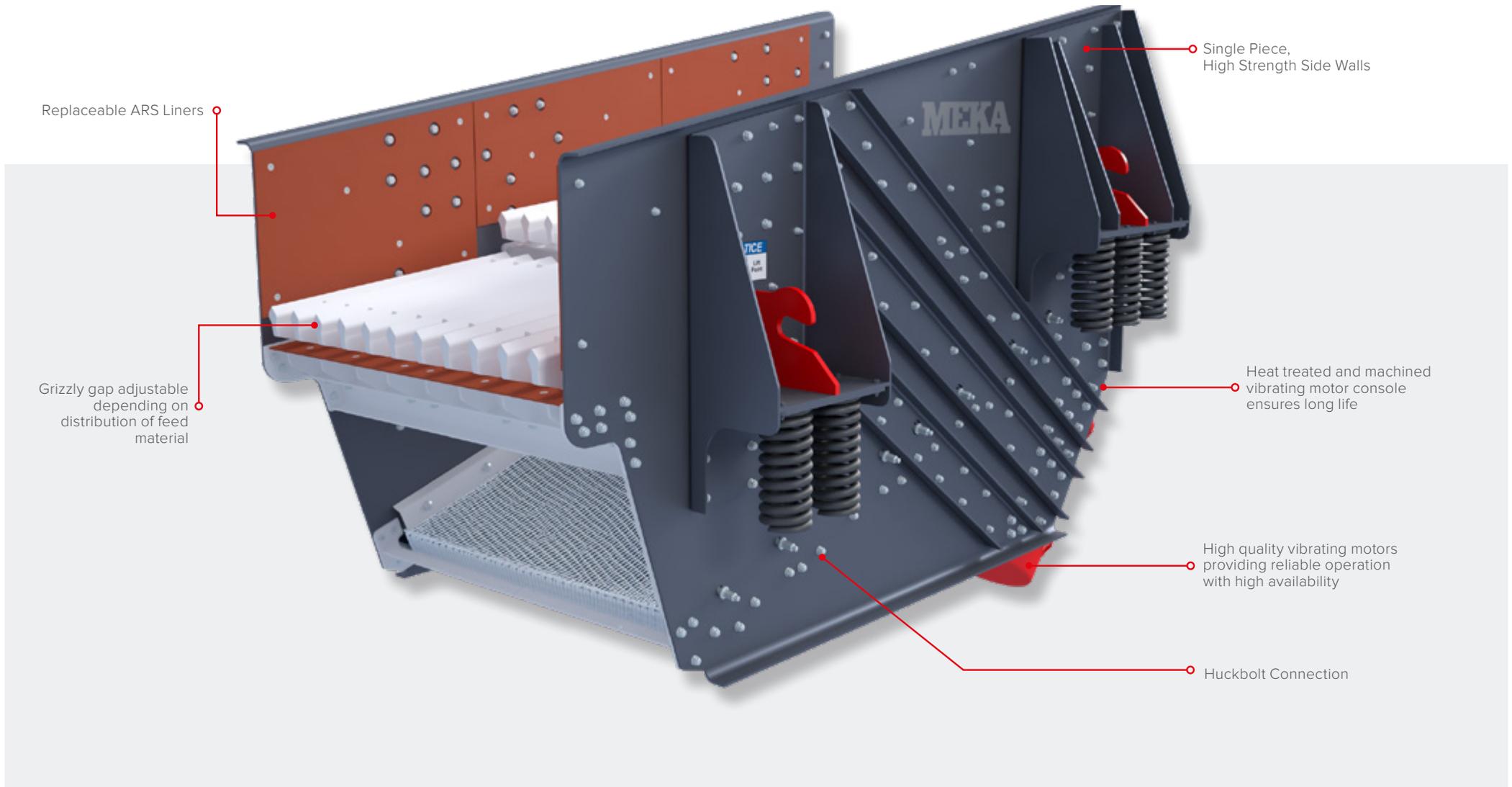
Scalper screens are used in applications with excessive clay or abundant fine material, achieving efficient separation even in the most challenging conditions. They are generally effective with difficult-to-feed, wet natural fines or materials such as blasted rock or gravel containing clay.

MEKA Scalper Screens maximize the efficiency of the primary crushing unit in a wide range of applications, improving the overall performance of the plant.



READY FOR THE HEAVIEST WORKLOADS WITH EVERY DETAIL

MEKA
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SCALPER SCREENS



WHY MEKA SCALPER SCREEN?

DRIVE MECHANISM

Vibration on MEKA scalper screens is produced by vibrating motors which can be run at different speeds depending on the application.

Vibrator bridge is heat treated and machined which results in increased lifetime.

High-Quality Vibrators require very little maintenance.

EFFICIENCY

Adjustable high g-force vibrating motors ensure a high power to area ratio resulting in very high scalping efficiency for better feed to the crusher.

Long stroke capability: better scalping efficiency (when feed material contains high ratio of flaky material)

HUCK-BOLTED ASSEMBLY SIDE PLATES

Screen bodies with conventional bolted assemblies create extra labor costs, increase safety risks, and reduce overall profitability because of the rupture of bolts caused by loosening nuts. Meka's MSS series scalper screens with huck-bolted assembly don't require maintenance for nuts and bolts, so they help ensure workplace safety.

SCREEN MEDIA

MEKA Scalper screens are fitted with a stepped grizzly on the top deck and steel wire mesh on the bottom deck. Consistent with MEKA quality, the screen surface is long lasting and easy to maintain.

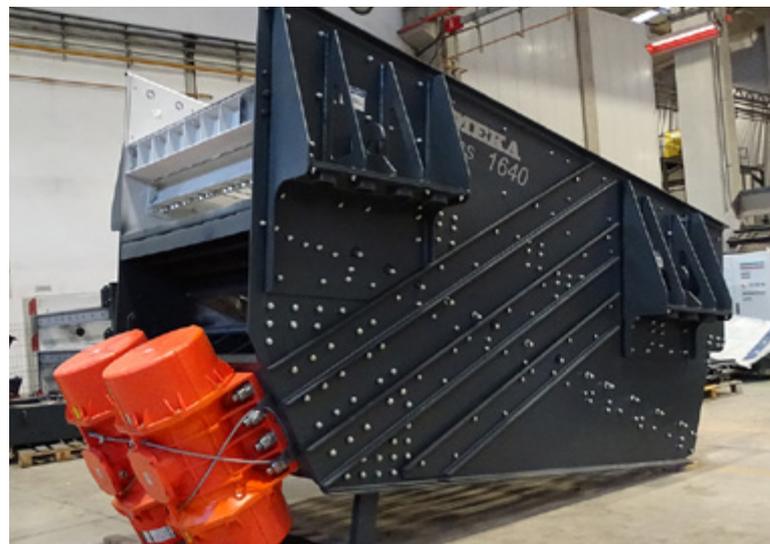
Shape of Scalping grizzlies result in: reduced blinding when feed is sticky and contains fines (increased capacity)

Adjustable Grizzly Bar Spacing allows to adapt the feeder to quarry.

HIGH QUALITY SCREEN BODY STEEL PLATE RESISTANT TO VIBRATION

Every MSS series scalper screen is made of high-tensile heat-treated 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.



TECHNICAL SPECIFICATIONS



SPECIFICATIONS

		MSS 1030	MSS 1230	MSS 1440	MSS 1530	MSS 1640	MSS 1940
WidthxLength	mm	1000x3000	1200x3000	1400x4000	1500x3000	1600x4000	1900x4000
	feet	3¼'x10'	4'x10'	4½'x13'	5'x10'	5¼'x13'	6¼'x13'
Number of Decks		2	2	2	2	2	2
Power @50Hz	kW	2x6.1	2x7.5	2x12	2x10.1	2x13.9	2x22,6
	HP	2x8.3	2x10	2x19.4	2x13.5	2x18.6	2x30,3
Power @60Hz	kW	2x7.5	2x8	2x11	2x10.6	2x16.5	2x16,5
	HP	2x10	2x10.7	2x14.7	2x14.2	2x22.1	2x22,1
Length of Grizzly	mm	1000	1000	1000	1000	1000	1000
		39,4	39,4	39,4	39,4	39,4	39,4
*Weight	kg	4520	5470	9000	6750	9650	12500
	lbs.	9965	12059	19842	14881	21275	27558

*Weights shown do not include drive motor package, support legs, maintenance platform, inlet and outlet chutes.

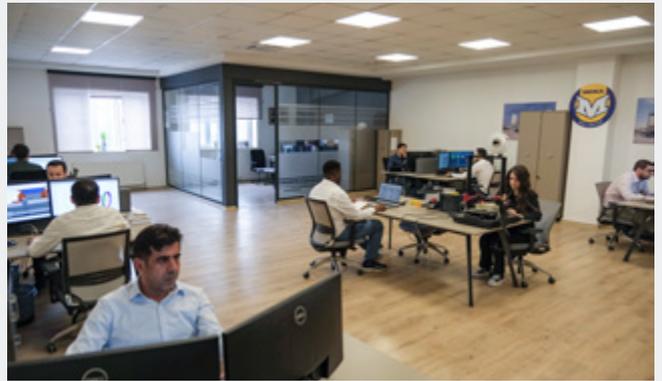
TRUSTED BRAND IN MORE THAN 38 YEARS



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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