

MDS SERIES

DEWATERING SCREENS



FOR THE TOUGHEST WORKING CONDITIONS

› DURABLE › RELIABLE › EFFICIENT

MEKA

www.mekaglobal.com

FOR DRIP-FREE RESULTS

MEKA Dewatering Screens are designed to remove excess water from materials and minimize moisture content. It offers a highly efficient dewatering process thanks to its single deck and adjustable inclined structure and linear vibration motion. Generally used for dewatering washed sand prior to stockpiling, these screens also work effectively in aggregate dewatering processes.

Widely used in mining, quarries, sand and gravel production, waste water treatment and industrial applications, MEKA Dewatering Screens prevent water from moving with the material, separating solids and increasing the percentage of saleable product. While the material fed to the screen surface removes water with the effect of vibration and inclination, solid materials are efficiently separated by moving along the screen.

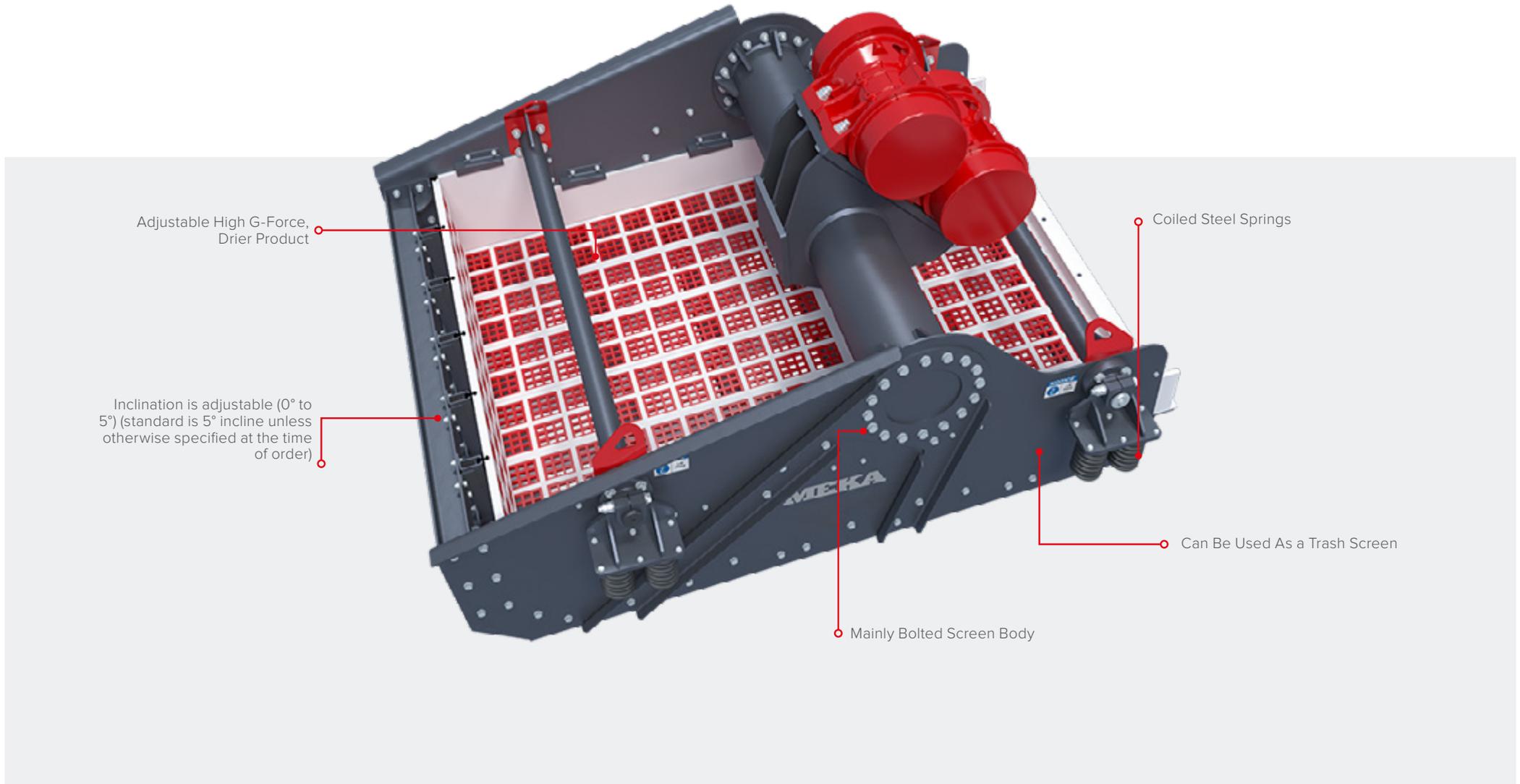
High frequency and G-force dewatering screens offer maximum water removal capacity. Maintenance intervals are minimized by using WS 85 polyurethane dewatering panels and polyethylene sidewall liners to increase wear resistance. The boltless connection system allows easy replacement of dewatering panels, speeding up maintenance processes.

MEKA Dewatering Screens offer a long service life thanks to its extra strong body structure, vibrating motor drive system and heat-treated motor console, and offer a reliable and durable solution by preventing body cracking with its monolithic weldless high quality body sheet.



READY FOR THE HEAVIEST WORKLOADS WITH EVERY DETAIL

MEKA
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DEWATERING SCREENS



WHY MEKA DEWATERING SCREEN?

DRIVE MECHANISM

Vibration on MEKA dewatering 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.

The two motors initiate a linear motion, driving particles in an uphill, downhill or horizontal direction, so water is strained down through the sand bed and below the screen deck.

EFFICIENCY

Adjustable high g-force vibrating motors ensure a high power to area ratio ensuring the most efficient dewatering of your sand product. Residual water content in the final product is reduced to 10-15%, ready for market straight from the belt conveyors.

SCREEN MEDIA

MEKA dewatering screens are fitted with modular polyurethane screen media as a standard. Consistent with MEKA quality, the screen surface is long lasting and easy to maintain.

VERSATILITY

Inclination is adjustable (0° to 5°) (standard is 5° incline unless otherwise specified at the time of order)

Can be used as a trash screen

DURABILITY

Replaceable polyurethane side wall protection on the MDS screen minimises material on steel contact, reducing wear and increasing the working life of the machine.

Also fully rubber lined discharge chutes provide maximum wear resistance.

HIGH QUALITY SCREEN BODY STEEL PLATE RESISTANT TO VIBRATION

Every MDS series dewatering 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

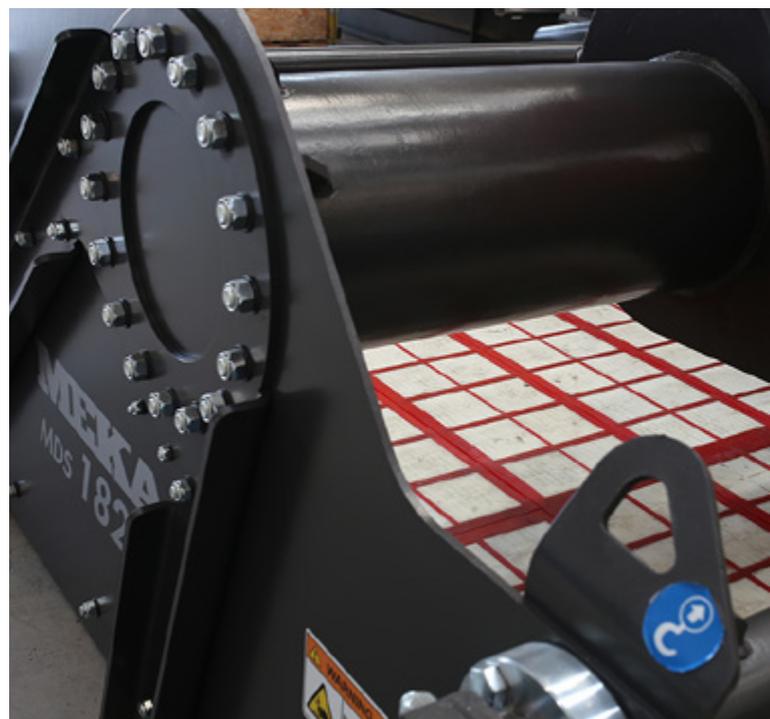


SPECIFICATIONS

		MDS 1224	MDS 1824	MDS 1840
WidthxLength	mm	1200x2400	1800x2400	1800x4000
	feet	3x8	6x8	6x13,1
Number of Decks		1	1	1
Power @50Hz	kW	2x2,88	2x7,35	2x6,1
	HP	2x3,86	2x9,85	2x8,18
Power @60Hz	kW	2x3,9	2x6,6	2x6,4
	HP	2x5,22	2x8,85	2x8,58
*Weight	kg	1800	2645	4092
	lbs.	3698	5831	9021

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

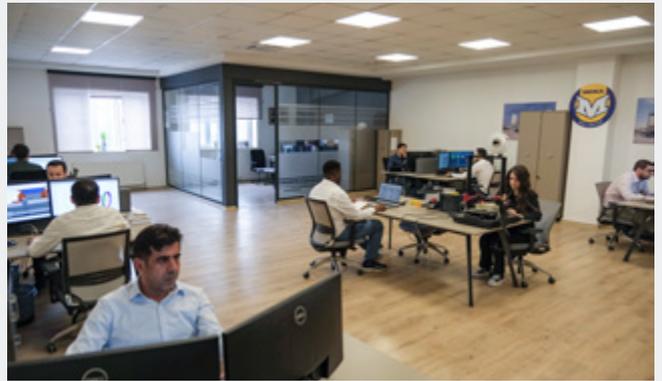
TRUSTED BRAND
IN MORE THAN
38 YEARS



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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