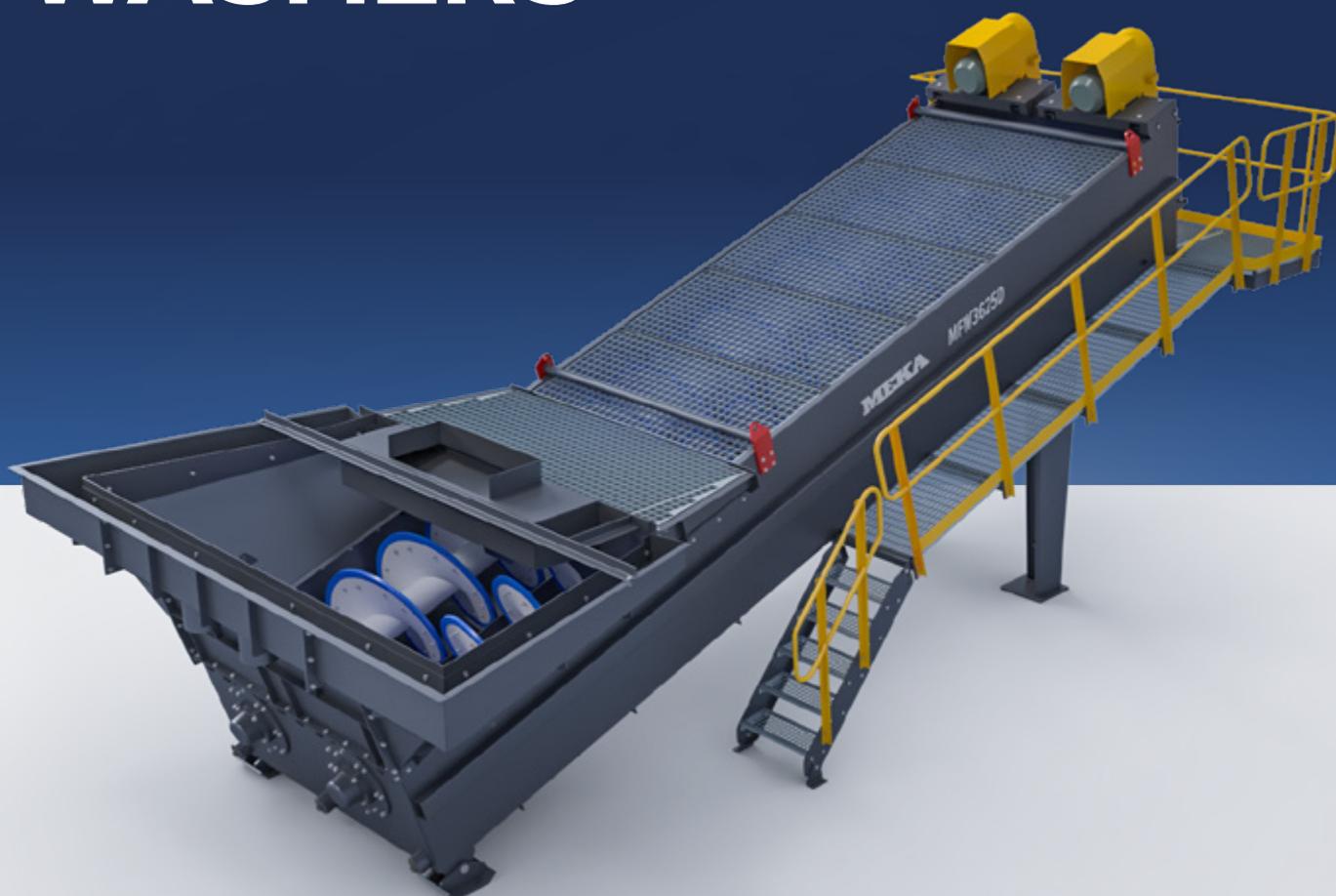


MFW SERIES

FINE MATERIAL WASHERS



FOR THE TOUGHEST WORKING CONDITIONS

› DURABLE › RELIABLE › EFFICIENT

MEKA

www.mekaglobal.com

EFFICIENT SEPARATION, IN-SPEC PRODUCT

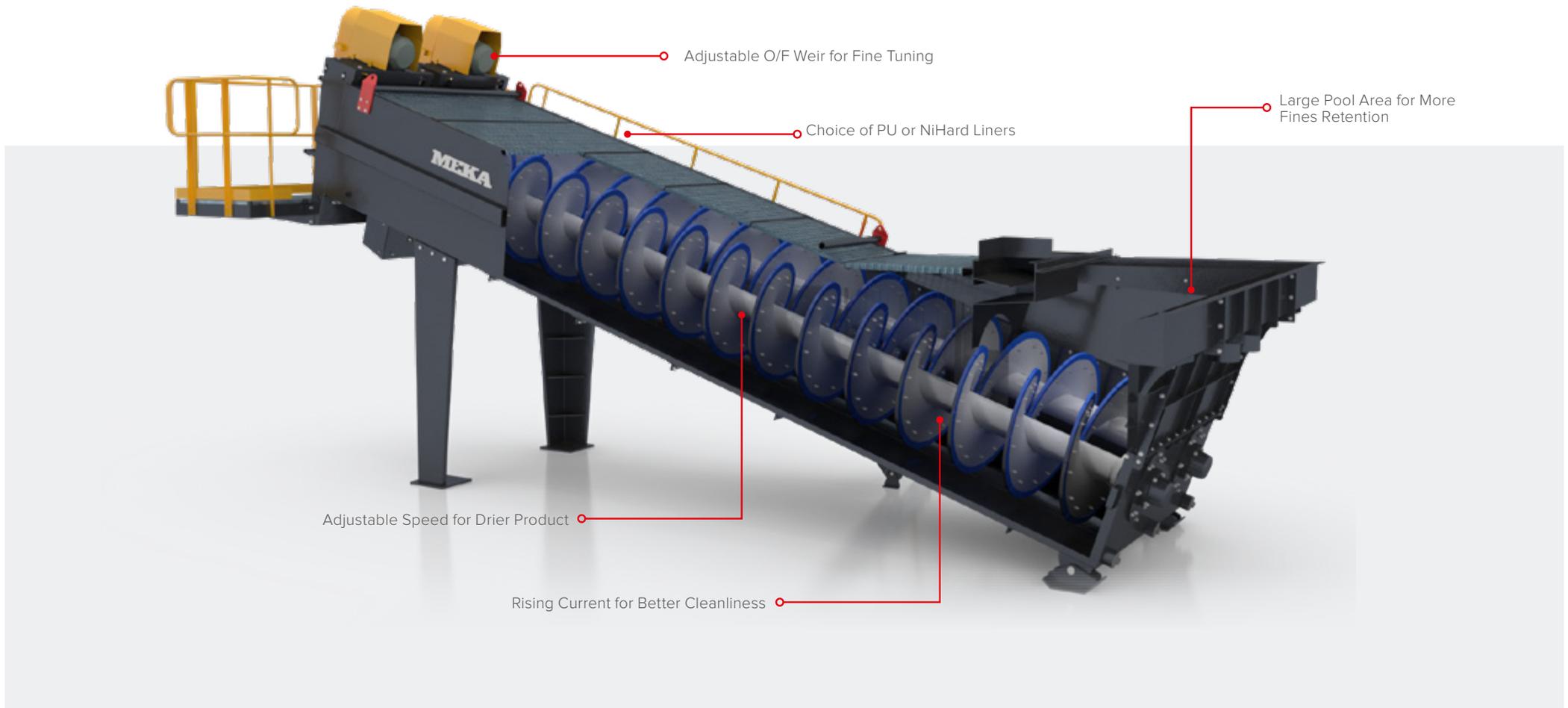
Fine Material Screw Washers, also called sand screws or spiral classifier, are equipment which are used to dewater, classify and wash for removing excessive dust, the impurities and producing high-quality sand. They also have a light scrubbing effect and this help to remove clays, silts and unwanted contaminants.

In MEKA Fine Material Washers separation is accomplished by hydraulic separation; using water to clean and classify by weight. Larger particles (Sand) weigh more so they sink and are collected in the bottom of the trough. They are discharged by steel spiral shaft with replaceable polyurethane or cast steel linings. The smaller lighter unwanted particles are floated to the surface and discharged over the weirs at the lower end of the machine.



READY FOR THE HEAVIEST WORKLOADS WITH EVERY DETAIL

MEKA
MFW SERIES
FINE MATERIAL WASHERS



SCAN OR CLICK QR CODE TO WATCH
A VIDEO OF A FACILITY WHERE
MEKA FINE WASHER IS USED

WHY MEKA FINE MATERIAL WASHERS?

SUPERIOR DESIGN

- * Larger pool settling areas provide higher retention of +75 micron (200 mesh) product sized solids,
- * Large gap between the screw shaft spiral and the washer tub eliminates abrasive wear on the tub.
- * Extra-long dry deck area and longer screw shafts, provide efficient dewatering of material,
- * Superior design rear bearing assembly keeps water and even the smallest particles from reaching the bearing.
- * Shafts are made of extra-heavy steel pipes that have heavy-duty steel flights, equipped with bolt-on inner and outer renewable, abrasion-resistant wear shoes.

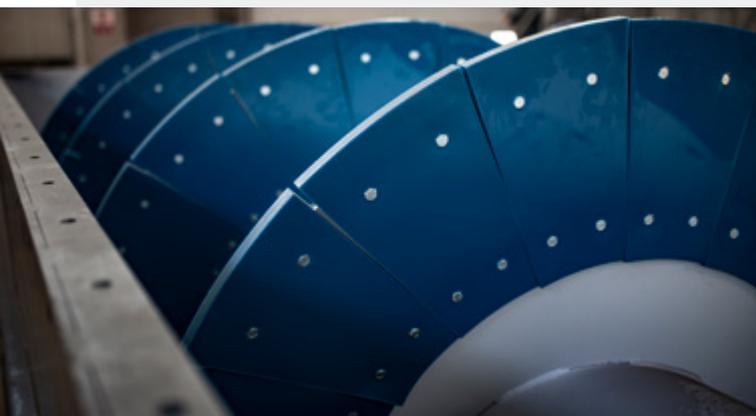


READY TO OPERATE

- * V-Belt drive guarding, top protective safety covers, front supports and a discharge chute are supplied as standard with the washer,
- * If an application calls for a greater level of dewatering, can be placed in series with Hydrocyclones, Dewatering Screen systems.

VERSATILITY

- * MEKA offers an extensive range of sizes of Fine Material Washers with single and double screws,
- * Multiple screw shoe wear materials are available,
- * Standard gearboxes for quick local procurement or factory support if necessary.



TECHNICAL SPECIFICATIONS



SPECIFICATIONS

METRIC		MFW 3625S	MFW 3625D	MFW 4432S	MFW 4432D	MFW 5434S	MFW 5434D	MFW 6635S	MFW 6635D
		(Single Screw)	(Double Screw)						
Dimensions	mm x mm	917x7769	917x7769	1120x9802	1120x9802	1370x10060	1370x10060	1675x10760	1675x10760
	inch x feet	36"x25'	36"x25'	44"x32'	44"x32'	54"x34'	54"x33'	66"x35'	66"x35'
*Capacity (mtpH)	mtpH	23-90	45-180	35-160	70-315	60-250	125-500	90-360	180-725
	stph	25-100	50-200	40-175	80-350	70-275	140-550	100-400	200-800
Material Size (mm)	mm	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10
	inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Power	kW	15	2x15	18,5	18,5x2	30	2x30	45	2x45
	HP	20	2x20	25	2x25	40	2x40	60	2x60
Screw (rpm)	rpm	10-21	10-21	8-17	8-17	7-14	7-14	5-11	5-11
** Weight	kg	6500	11700	10500	18850	13950	25000	22000	40250
	lbs	14333	25799	23153	41566	30761	55127	48512	88754
Water-100 Mesh	gpm	720	1250	1720	2800	2090	3700	2590	4375
	m3/h	164	284	391	637	475	842	589	995
Water-150 Mesh	gpm	320	640	760	1440	930	1750	1150	2100
	m3/h	73	146	173	328	212	398	262	478
Water-200 Mesh	gpm	180	360	460	810	575	935	650	1095
	m3/h	41	82	105	184	131	213	148	249

*Capacity values are indicative only, results may vary depending on feed gradation, silt, clay content, density, amount of water used, equipment configuration and application.

**Weights shown include drive motor package, support legs, maintenance platform, inlet and outlet chutes.

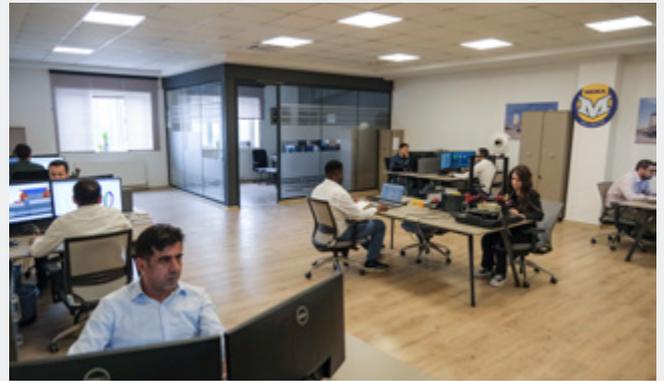
TRUSTED BRAND IN MORE THAN 38 YEARS



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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