

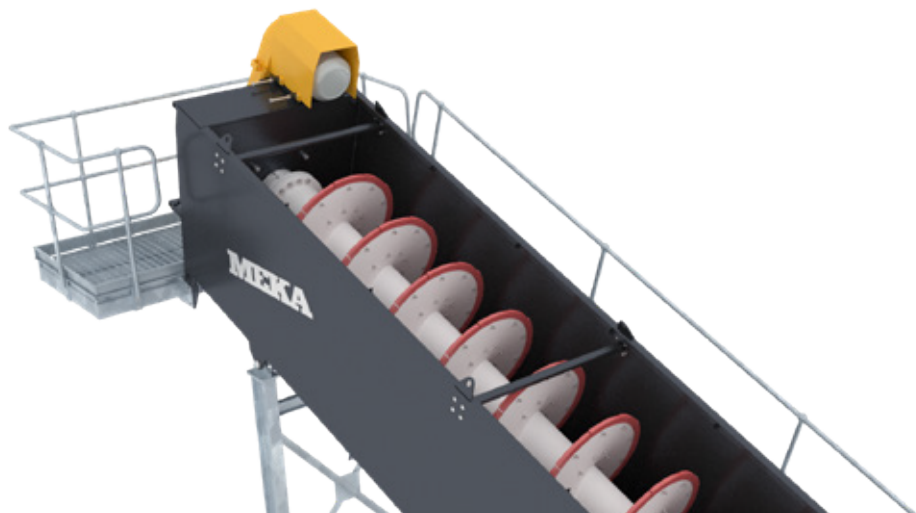


FINE MATERIAL WASHERS

Fine material washers, also frequently named dewatering screws are utilized to clean and dewater fine aggregates typically minus 10 mm or 5 mm (3/8" or 4mesh) to fine tune end products to meet specifications and to separate water soluble clay, silt, and micro sized fine particles.

This 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.

Capable of producing high capacities, fine material washers deliver extreme productivity. High efficiency single or dual drives result in low power requirement, thus reducing operating costs while increasing throughput. A large capacity pool and adjustable speed control via sheave



changes ensures a steady and consistent flow of fine aggregate products.

Available in both single and twin screw configurations, fine material washers are most often used after a wet screening operation to process products such as concrete, mason, mortar.

FEATURES/BENEFITS

- Heavy duty steel plate construction provides years of operation
- Oil lubricated heavy duty gear box
- Standard polyurethane or cast steel spiral linings reduce operating costs
- Simple parts replacement assemblies
- Easy access outboard bearing assemblies

		SIZE (DIA X L)		CAPACITY		MATERIAL		POWER		SCREW	MACHINE WEIGHT	
		mmxmm	inchxfoot	mtph	stph	inch	mm	kW	HP	RPM	Kg	lb
SINGLE	MFWS0440	400x4000	16x13	20	22	3/8"	10	3	4	21	1000	2200
	MFWS0550	500x5000	20x16	30	33	3/8"	10	4	5,5	21	1500	3300
	MFWS0660	600x6000	24x20	50	55	3/8"	10	5,5	7,5	21	2400	5300
	MFWS0976	917x7620	36x25	100	110	3/8"	10	11	15	21	6500	14300
	MFWS1010	1000x10000	40x33	150	165	3/8"	10	22	30	17	10500	23200
	MFWS1197	1120x9700	44x32	175	192	3/8"	10	18,5	25	17	10500	23200
DOUBLE	MFWD0440	400x4000	16x13	43	47	3/8"	10	2x4	2x5,5	21	2300	5100
	MFWD0550	500x5000	20x16	67	73	3/8"	10	2x5,5	2x7,5	21	2800	6200
	MFWD0660	600x6000	24x20	100	110	3/8"	10	2x7,5	2x10	21	5200	11500
	MFWD0880	800x8000	32x26	200	220	3/8"	10	2x15	2x20	21	7700	17000
	MFWD0976	917x7620	36x25	200	220	3/8"	10	2x11	2x15	21	11300	24900
	MFWD1197	1120x9700	44x32	350	385	3/8"	10	2x18,5	2x25	17	18900	41700

Results may vary depending on feed material gradation, density, silt & clay content, amount of water used, equipment settings and washing application.