

MLW SERIES

LOG WASHER



FOR THE TOUGHEST WORKING CONDITIONS

› DURABLE › RELIABLE › EFFICIENT

MEKA

www.mekaglobal.com

MAXIMUM STRENGTH, MAXIMUM POWER, CLEAN PRODUCT

Log Washer is a washing equipment consisting of two rotating paddle shafts to provide material-on-material scrubbing. Log Washers are used to remove tough, plastic clays in a variety of material processing applications.

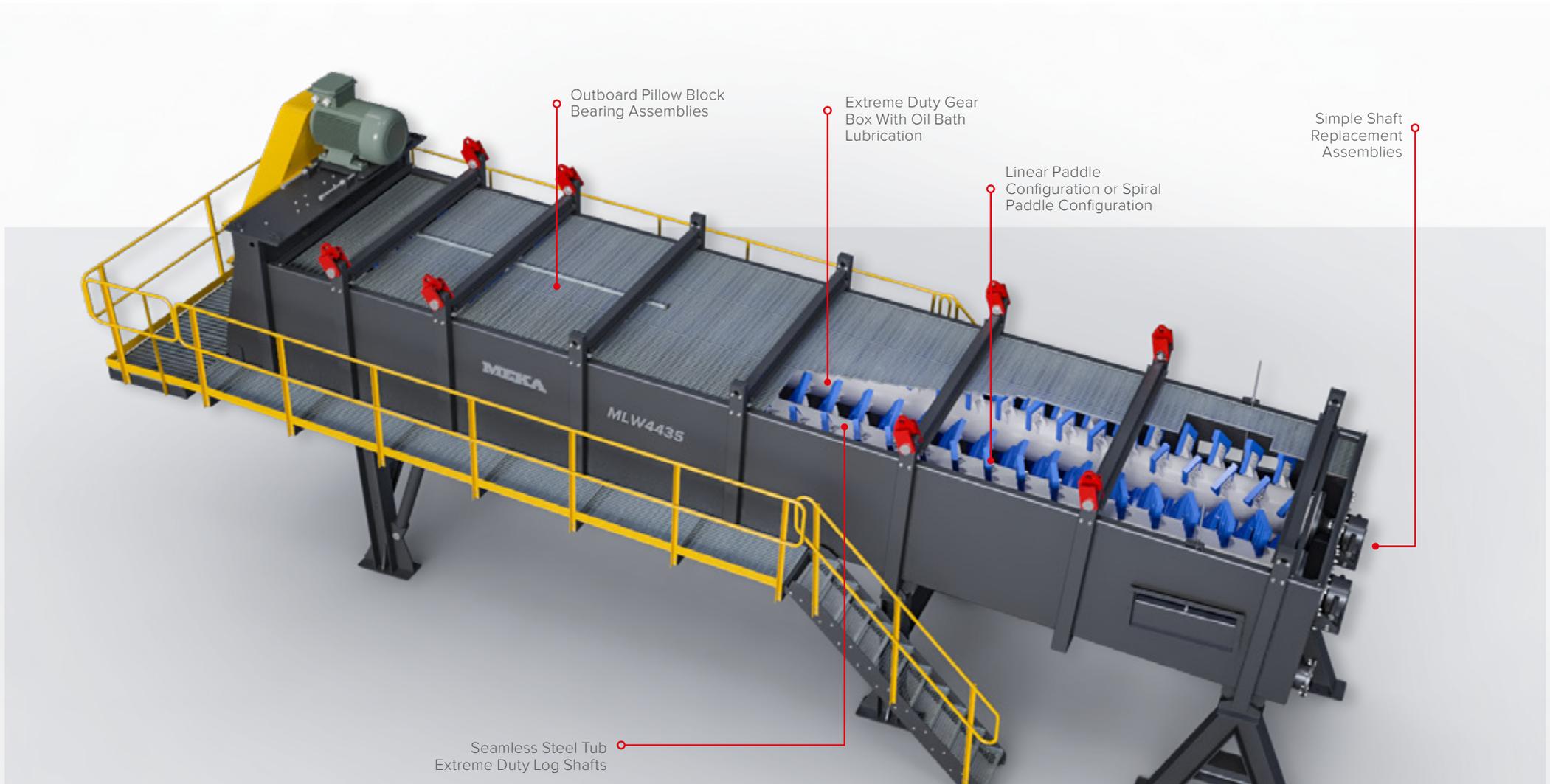
MEKA Log Washers are designed to assist in the removal and breaking down of heavy plastic clay, conglomerate, and certain types of soft stone that may be present in gravel, crushed rock or ore.

Log washers are very high energy units designed to disintegrate tough clay particles. With longer wash tubs they provide significantly increased retention time. Retention can further be increased by switching to straight paddle design and higher working angles. All MEKA Log washers can be provided with spray bars to make a final rinse before the product leaves the wash box.



READY FOR THE HEAVIEST WORKLOADS WITH EVERY DETAIL

MEKA
MLW SERIES
LOG WASHER



SCAN OR CLICK QR CODE TO WATCH
THE MEKA LOG WASHER
VIDEO

WHY MEKA LOG WASHERS?

SUPERIOR DESIGN

- * Lowest power choice for aggressive ore and rock washing action,
- * Log shafts are fabricated from extra-heavy, one-piece steel pipe and flanged at both ends to facilitate maintenance.
- * Bolt-on, abrasion-resistant paddles are affixed to a twin shaft design to ensure an aggressive washing action that breaks down even the toughest clays.
- * Cleanout gates are available and positioned at the underside of the washer box.
- * Spiral or straight row paddle configuration on the shafts are available.
- * Large gap between the shaft paddle and the washer tub eliminates abrasive wear on the tub.
- * Superior design rear bearing assembly keeps water and even the smallest particles from reaching the bearing.



READY TO OPERATE

- * V-Belt drive guarding, top protective safety covers, front supports and a discharge chute are supplied as standard with the washer,
- * For best washing efficiency, sand should be screened out prior to feeding to a Log Washer, as finer material will cushion the washing action.
- * While the machine has a spray bar near the discharge for an additional rinsing in most instances, MEKA recommends that the rock or ore be further washed and, as required, separated on a washing/vibrating screen.

VERSATILITY

- * MEKA offers an extensive range of sizes of Log Washers.
- * Depending on the severity of the washing action, MEKA Log Washers are supplied sitting at a slope of zero to 14 degrees. As the percentage of deleterious material increases, the slope must be raised to increase retention time.
- * All units are equipped with a spray bar for rinsing material prior to discharge.
- * Multiple wear materials are available,



TECHNICAL SPECIFICATIONS



SPECIFICATIONS

METRIC		MLW 3630	MLW 4430	MLW 4435	MLW 4835
DIAMETER x LENGTH	mm x mm	945x9175	1120x9300	1120x10820	1225x10500
	inch x feet	(36"x30')	(44"x30')	(44"x35')	(48"x35')
*Capacity	mtph	50-125	75-175	75-175	110-365
	stph	55-138	83-193	83-193	121-400
Material	mm	75	102	102	150
	inch	3"	4"	4"	6"
Power	kW	2x55	160	160	200
	hp	2x75	215	215	270
Screw(rpm)	rpm	32	26	26	26
**Weight	kg	26074	32275	37150	42185
	lbs	57483	71169	81918	93002
Water	m3/h	114	171	171	190
	gpm	500	750	750	850

*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.

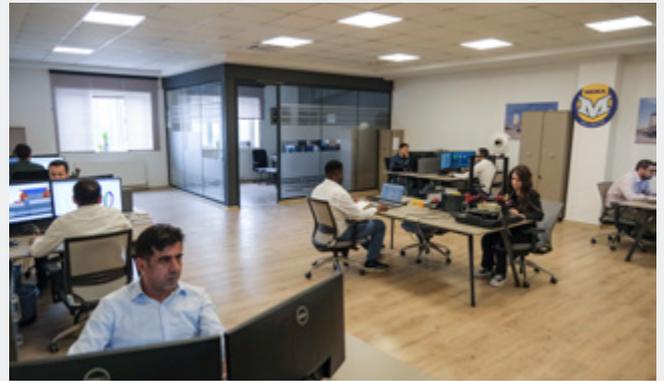
TRUSTED BRAND
IN MORE THAN
38 YEARS



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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