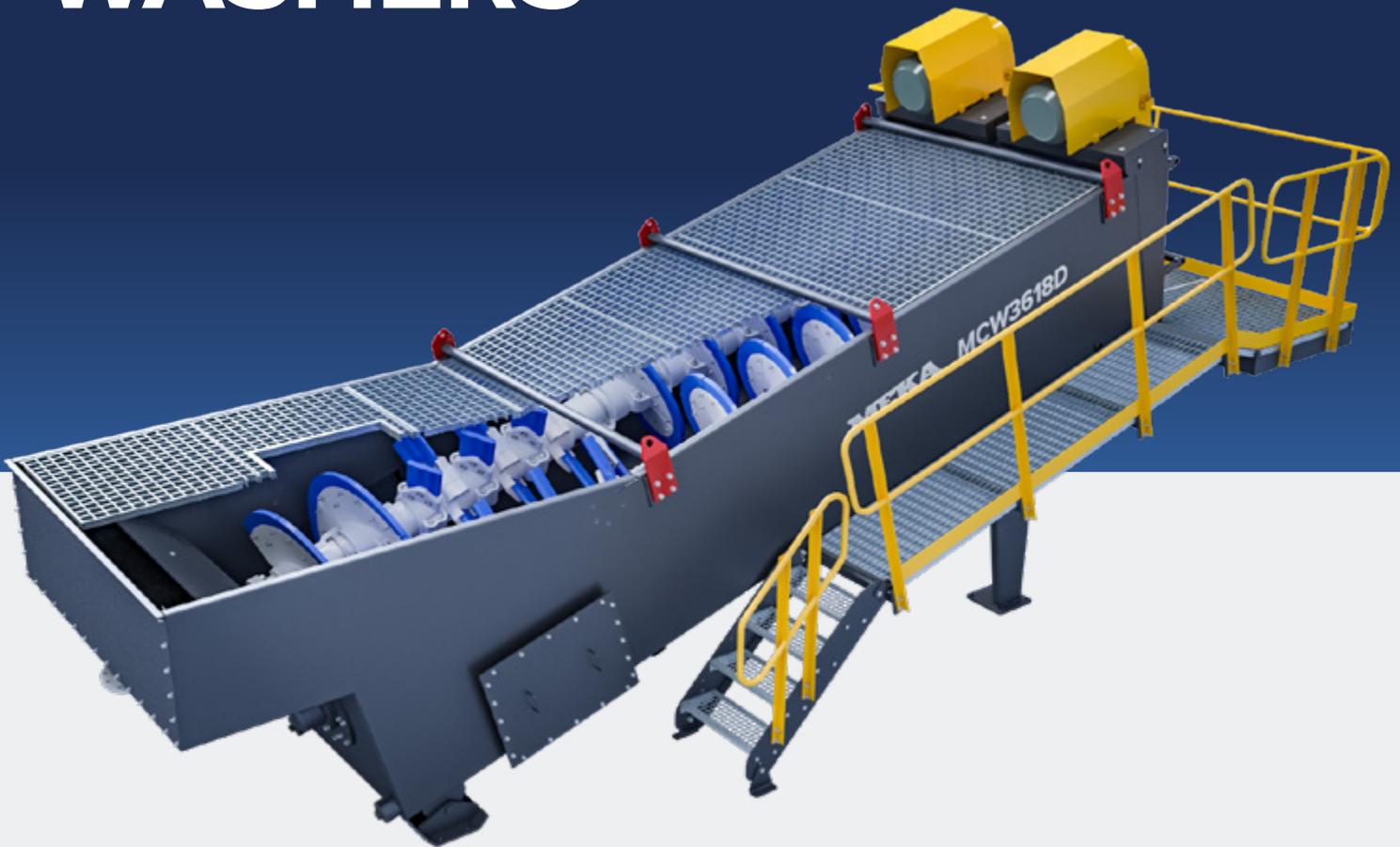


MCW SERIES

# COARSE MATERIAL WASHERS



**FOR THE TOUGHEST WORKING CONDITIONS**

› DURABLE      › RELIABLE      › EFFICIENT

**MEKA**

[www.mekaglobal.com](http://www.mekaglobal.com)

# AFFORDABLE SCRUBBING

Coarse Material Washer is a washing equipment consist of shafts with paddles and spiral screw flights to provide scrubbing and agitation.

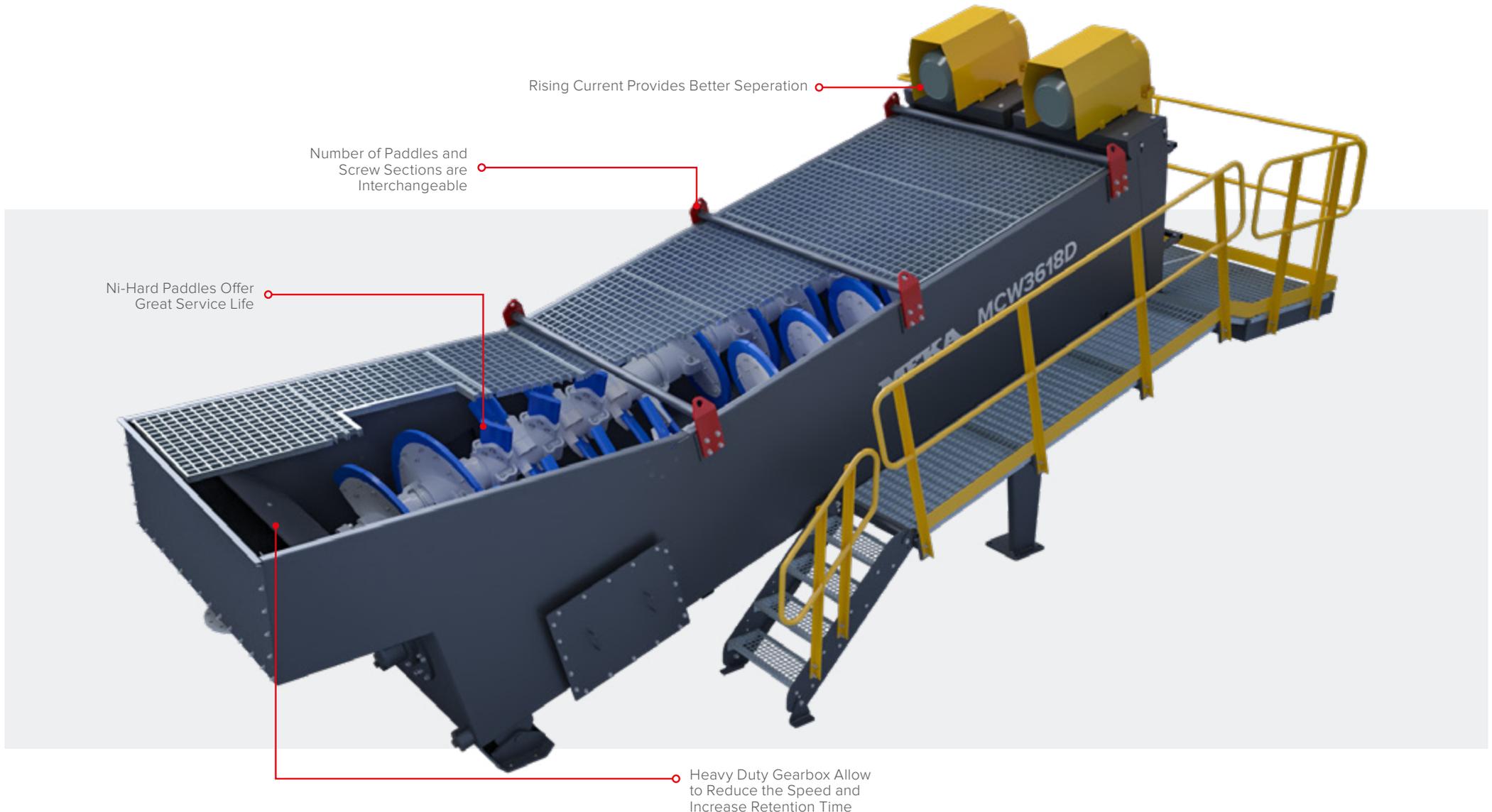
They effectively remove soluble clays in gravel or aggregate that cannot be removed by wet screening alone. They can also be used to remove floating organic waste material such as vegetation.

Coarse material washers are used to remove contaminated material such as silt, soft clay, organic particles from the aggregate. They are usually used in the final washing process following the wash screen and are designed to remove gravel and crushed stone up to 75 mm (3") in size. Both single and double shaft types are available depending on the required capacity.



# READY FOR THE HEAVIEST WORKLOADS WITH EVERY DETAIL

**MEKA**  
MCW SERIES  
COARSE MATERIAL WASHERS



# WHY MEKA COARSE MATERIAL WASHERS?

## SUPERIOR DESIGN

- \* Lowest power choice for ore and rock washing,
- \* Paddles are installed on the shaft at the feed end provide abrading/washing action and spiral flights provide conveying of the material to the discharge
- \* Based upon the type of material and contaminants, the desired capacity and the maximum feed size, washer can be configured with more paddles than standard.
- \* Large gap between the screw shaft paddle-spiral 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.
- \* Shafts are made of extra-heavy steel pipes that have inner and outer renewable and reversible abrasion-resistant paddles in the scrubbing area. The paddles are followed by 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,
- \* For best washing efficiency, sand should be screened out prior to feeding to a Coarse Material Washer, as finer material will cushion the washing action.
- \* If an application calls for a greater level of dewatering, can be placed in series with dewatering Screen systems.,



## VERSATILITY

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

# TECHNICAL SPECIFICATIONS



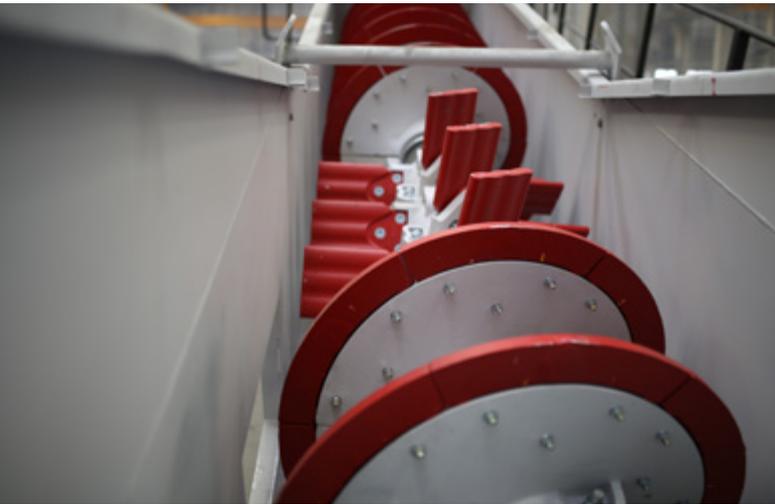
## SPECIFICATIONS

		<b>MCW 3618S</b>	<b>MCW 3618D</b>	<b>MCW 4420S</b>	<b>MCW 4420D</b>
		( Single Screw )	( Double Screw )	( Single Screw )	( Double Screw )
<b>Diameter x Length</b>	mm x mm	928x5600	928x5600	1118x6382	1118x6382
	inch x feet	36"x18'	36"x18'	44"x20'	44"x20'
<b>*Capacity (mtph)</b>	mtph	130-160	272-316	180-230	360-450
	stph	150-175	300-350	200-250	400-500
<b>Material (mm)</b>	mm	0-65	0-65	0-75	0-75
	inch	0-2½"	0-2½"	0-3"	0-3"
<b>Power</b>	kW	30	2x30	37	2x37
	hp	40	40	50	50
<b>Screw(rpm)</b>	rpm	16-32	16-32	13-26	13-26
<b>** Weight</b>	kg	6500	10800	9000	15500
	lbs	14333	23815	19846	34179
<b>Water</b>	m3/h	90-135	160-220	110-170	200-250
	gpm	400-600	700-900	500-750	900-1100

\*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.

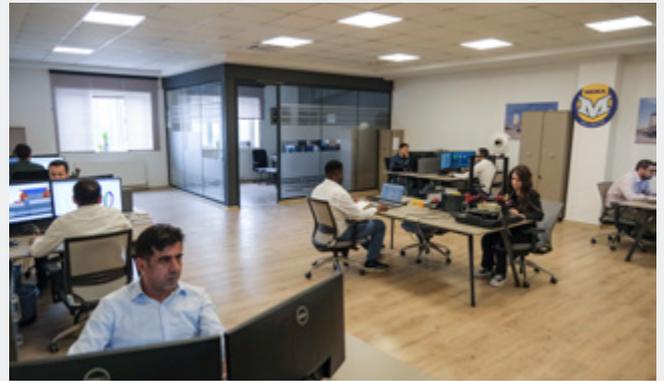
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IN MORE THAN  
38 YEARS



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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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