



ALLIANCE® LOW WATER WASHER

Low water washer accepts dry feed in crushing circuit. Washes and dewateres fines.



APPLICATIONS

- » Produce valuable manufactured sand
- » Earn money from crusher dust
- » Accepts dry feed in crushing circuit
- » Greatly reduced water requirement
- » No haulage to separate wash site
- » Avoid multiple material handlings

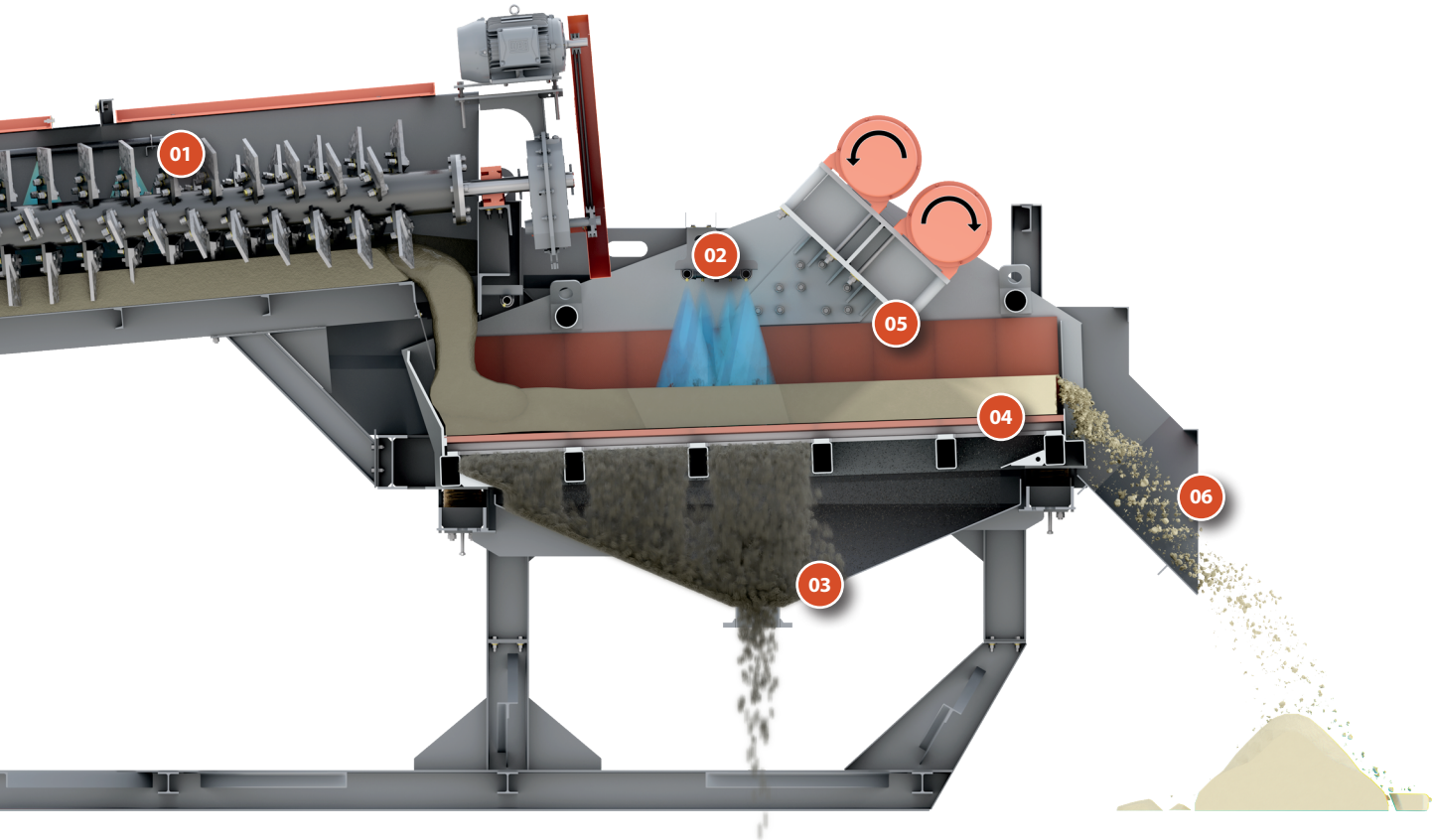


Rock Face to Load Out®



Patented Technology

FEATURES



- 01/ DRY FEED TO AGITATOR**
Takes dry feed and turns it into a slurry. Shaft with paddles and water manifold mixes.

02/ SPRAY BARS
Wash out -200 mesh fraction.
- 03/ FINE TAILINGS DISCHARGE**
Includes flanged discharge pipe.

04/ SIDE DEWATERING MEDIA
Unique sidewall media encourages water to drain from top, which produces drier product.
- 05/ DEWATERING SCREEN**
High frequency screen reduces moisture to as low as 8%.

06/ INTEGRATED DISCHARGE CHUTE
Discharges product at 8-12% moisture.

OPTIONS

- FLOW VALVE

FLOW METER (HIGHLY RECOMMENDED)
- WALKWAY

SAFETY COVERS
- SKID FRAME SUPPORT STRUCTURE

FEATURES



01/ DRY FEED TO AGITATOR



02/ SPRAY BARS



03/ FINE TAILINGS DISCHARGE



04/ SIDE MEDIA



05/ DEWATERING SCREEN



06/ DISCHARGE CHUTE

SPECIFICATIONS*

	Capacity*		Max. Material Size		Screen Size		Screw		Horsepower**		Water Consumption		Screen Area		Screen Motor	
	TPH	MTPH	inch	mm	ft	m	in x ft	mm x m	HP	kW	GPM	m³/hr	ft²	m²	HP	kW
ALLIANCE LOW WATER WASHER																
LWW-410	60 - 120	54 - 108	1/2"	13	4' x 10'	1.2 x 3.0	30" x 12'	760 x 3.6	29	22	200	45	82	7.7	(two) 7.0	(two) 5.3
LWW-510	90 - 180	82 - 164	1/2"	13	5' x 10'	1.5 x 3.0	30" x 12'	760 x 3.6	38	28	300	68	94	8.8	(two) 11.4	(two) 8.6
LWW-612	120 - 240	108 - 216	1/2"	13	6' x 12'	1.8 x 3.6	36" x 12'	915 x 3.6	39	29	400	91	124	11.6	(two) 9.4	(two) 7.1
LWW-712	150 - 300	136 - 272	1/2"	13	7' x 12'	2.1 x 3.6	36" x 12'	915 x 3.6	55	41	500	114	137	12.8	(two) 17.4	(two) 13.0

* All capacities are based on a bulk density of 100 lbs/ft³ (1,601.85 kg/m³). ** Combined horsepower for the entire unit.

The performance criteria listed above for the Alliance® Low Water Washer, including capacity (feed tons per hour) and finished product gradations, depend on many input parameters (including but not limited to feed gradation and material characteristics). Any variation in the input parameters will affect the performance criteria such that the performance criteria may be outside of the values or ranges listed above. Superior Industries does not guarantee the performance criteria apart from a signed performance guarantee which may be separately issued by superior and based on a detailed study of your application and your commitment to maintain agreed-upon input parameters.

PHOTO GALLERY

