



ALLIANCE® LOW WATER WASHER



FEATURES

WASH CRUSHER DUST RIGHT NEXT TO THE CRUSHING CIRCUIT

- » Eliminate cost of handling and hauling fines
- » Easily incorporates into existing plant
- » Small footprint

TURN TAILINGS INTO A VALUABLE PRODUCT

- » Produce +100 fines
- » Take unsaleable crusher dust and produce a saleable manufactured sand

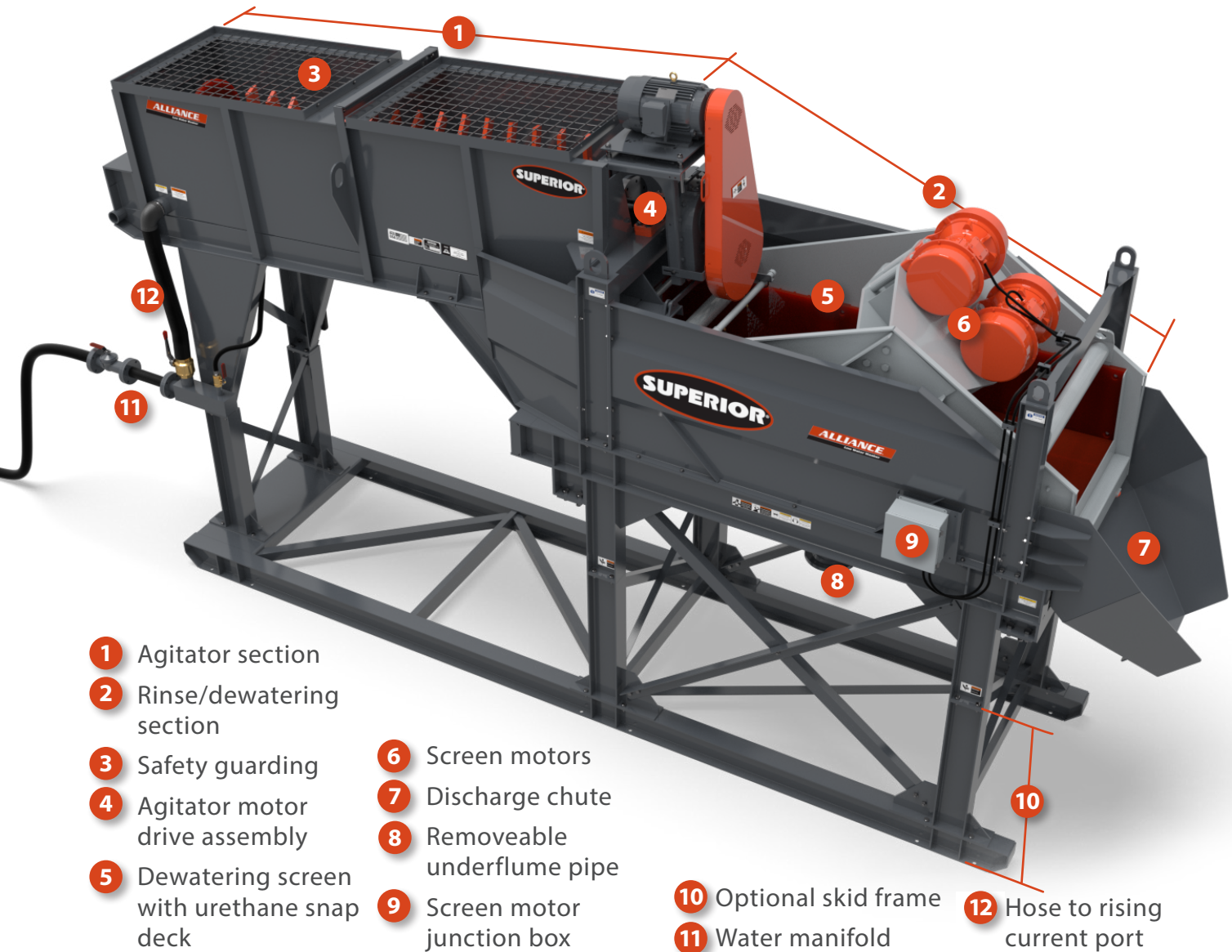
80% LESS WATER CONSUMPTION

- » Washed manufactured sand straight off a dry feed
- » Replaces a more expensive screen/screw wash plant

OPERATING SPECIFICATIONS

	Capacity TPH (MTPH)	Material Size inch (mm)	Screen Size ft (m)	Screw Size in x ft (mm x m)	Horsepower HP (kw)	Est. Water Consumption Gallon (liter)	Screen Area ft² (m²)	Vibrating Motor HP (kw)
ALWW-100	100 (90)	1/2" minus (13)	4 x 10 (1.2 x 3.0)	30 x 12 (760 x 3.5)	38 (28)	300 (1,135)	40 (3.5)	two 7.5 (5.5)
ALWW-200	200 (181)	1/2" minus (13)	5 x 10 (1.5 x 3.0)	30 x 12 (760 x 3.5)	38 (28)	500 (1,890)	50 (4.5)	two 11.4 (8.5)
ALWW-300	300 (272)	1/2" minus (13)	6 x 12 (1.8 x 3.6)	36 x 12 (915 x 3.5)	46 (34)	700 (2,650)	72 (6.5)	two 12.6 (9.4)

HIGHLIGHTS



- 1 Agitator section
- 2 Rinse/dewatering section
- 3 Safety guarding
- 4 Agitator motor drive assembly
- 5 Dewatering screen with urethane snap deck
- 6 Screen motors
- 7 Discharge chute
- 8 Removeable underflume pipe
- 9 Screen motor junction box
- 10 Optional skid frame
- 11 Water manifold
- 12 Hose to rising current port

FEATURES

ALLIANCE WASHER

- » Structure: I-beam skid frame with approx. 3'-6" clearance from grade to bottom of dewatering screen discharge chute*
- » Water Regulators: Manual control to adjust volume of feed water coming into LWW
- » Piping: Piping to feed water to manifold and spray bars in agitator section
- » Paint: Superior paint scheme

DEWATERING SCREEN

- » Screen Construction: Rigid welded frame, 1/2" A36 steel
- » Vibrating Motor: 60hz, 230/460V, 1800 rpm, adjustable throw
- » Screen Media: Urethane snap deck: 70 mesh
- » Spray Bar: Spray bar with nozzles mounted at discharge of blade mill to spray material as it drops onto screen
- » Screen Angle: Angle can be adjusted by shimming under spring pads between -5° to 5°
- » Flume: Removeable underflume with flanged discharge pipe

AGITATOR

- » Screw Construction: 1/4" ASTM A36 steel
- » Upper Screw Bearing: 3-3/16"
- » Lower Screw Bearing: 3-7/16"
- » Main Shaft: Paddles and flights
- » Spray Bar: Spray bar without nozzles along length of blade mill (opposite side of belly plates)

OPTIONS

- » Skid Frame
- » Water Regulator
- » Piping

* Customer is responsible for concrete pad