

# PRODUCE MORE / DRIER SAND WITH THE NEW AGGRE-DRY®



GreyStone Inc.'s innovative sand dewatering unit combines the efficiency of a dewatering screw and the drying characteristics of a dewatering screen to produce sand and gravel products with a moisture content as low as 8 to 13 percent by weight.

Your customers don't want to buy water with their sand. The energy-efficient Aggre-Dry® Washer creates a drip-free stockpile with no runoff or water pools. Contact us to size a unit for your specific production needs.

Our One-Team approach brings full-service solutions from systems design through installation. For more information on GreyStone equipment, or an estimate on custom-designed aggregate sand processing systems, please contact us.

# AGGRE-DRY® WASHER

- Combines the efficiency of a dewatering screw with the drying characteristics of a dewatering screen
- Produces sand & gravel products with a moisture content as low as 8 to 13 percent by weight
- Creates a caked, dry sand product and drip-free stockpiles with no runoff or water pools
- Standard fine material washer initially dewateres the material
- Vibratory dewatering screen at end of the flights further removes moisture
  - 0.25 mm screen opening reduces amount of material throughs
  - 14-inch bed depth squeezes additional moisture from the sand
- Re-introduces the throughs from the screen back into the washing process for more salable product
  - Eliminates the need for pumps or cyclone sand separation systems
- Uses less than half the horsepower required to process the same tonnage of spec product using a traditional screen/cyclone system
- Increased water handling capacity for greater versatility
- Available in sizes to handle production of 100, 200, 300 and 400 TPH.

## GREYSTONE AGGRE-DRY WASHER SPECIFICATIONS

### SINGLE SCREWS

Screw Size	TPH	RPM	Max. Mat. Size	Auger Shaft Motor hp	Vibrating Motor hp	Overflow Water Capacity		
						100 M*	150 M*	200 M*
36"	100	20	3/8	15	14	1,700	850	450
48"	200	16	3/8	25	15	2,200	1,050	600
60"	300	13	3/8	30	17.2	2,400	1,200	650

### TWIN SCREWS

Screw Size	TPH	RPM	Max. Mat. Size	Auger Shaft Motor hp	Vibrating Motor hp	Overflow Water Capacity		
						100 M*	150 M*	200 M*
48"	400	16	3/8	25 each	17.2 each	3,700	1,800	975

M = Mesh size retained while overflowing estimated GPM