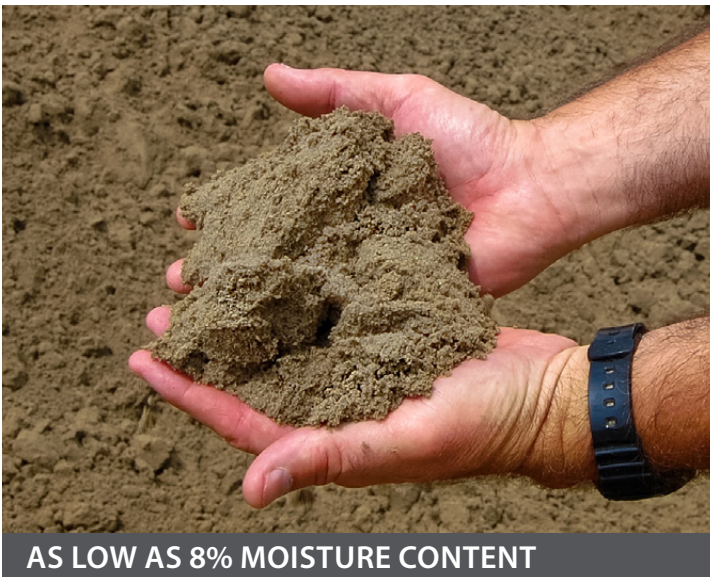




AGGREDRY® DEWATERING WASHER

Typically dewater material to as low as 8% moisture in addition to removing silt.



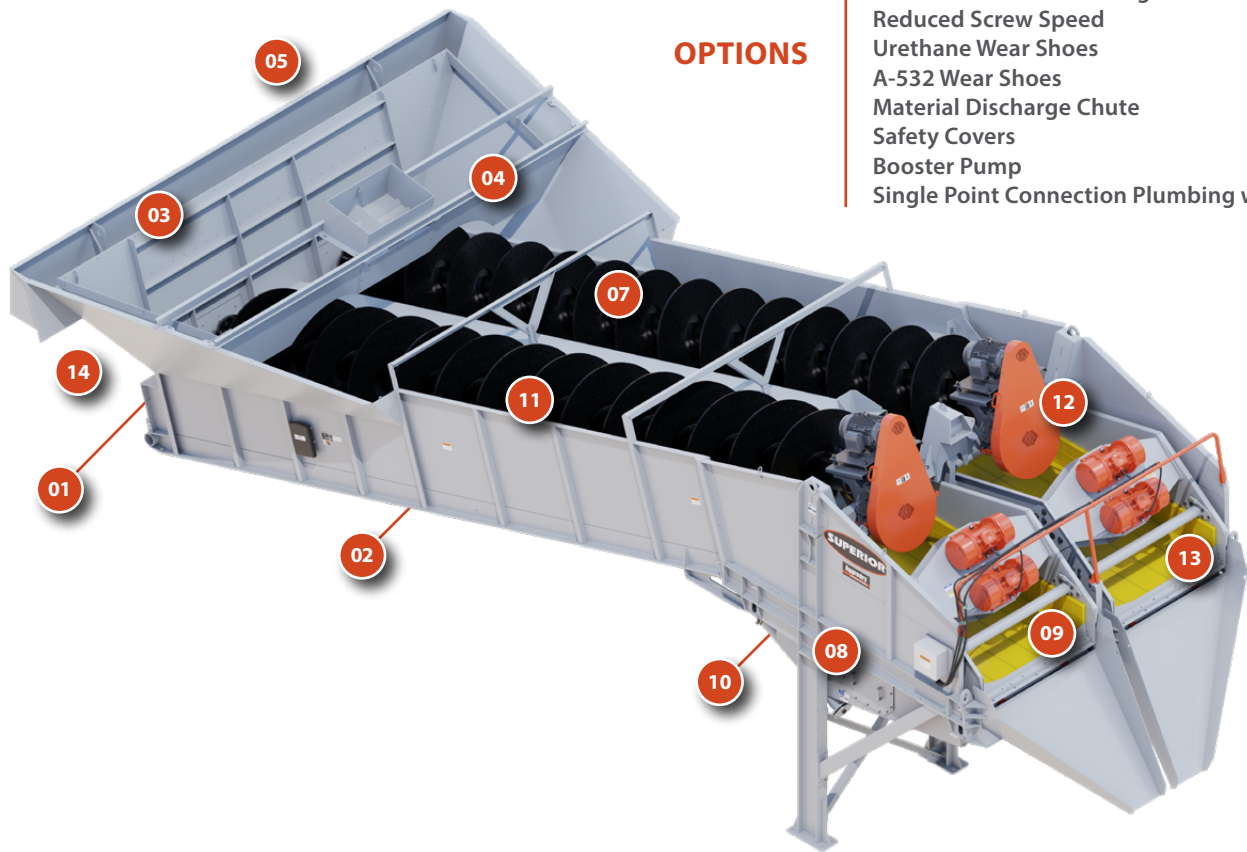
AS LOW AS 8% MOISTURE CONTENT

APPLICATIONS

- » Use in fine material applications
- » Self-contained fine material washer
- » Integrated dewatering screen
- » Low horsepower requirements
- » Remove unwanted, lightweight silts



FEATURES



OPTIONS

Single Screw
Road / Pit Portable Package
Reduced Screw Speed
Urethane Wear Shoes
A-532 Wear Shoes
Material Discharge Chute
Safety Covers
Booster Pump
Single Point Connection Plumbing w/ Control Valves

01/ SAFEGUARD OUTBOARD BEARING
Off-the-shelf pillow block bearing installed outside tank for protection and easy maintenance. (Not shown)

02/ CURVED BELLY PAN
Eliminates dead spots for material to gather common to 90° angles. (Not shown - located inside the tub)

03/ ADJUSTABLE WEIR PLATES
Enables even overflow to maximize fines retention.

04/ LOAD ZONE BAFFLE
Calms water to help maximize fines retention.

05/ BOLTED FLANGED OVERFLOW PIPING
Provides flexibility of where overflow connection can be placed to fit footprint. (Piping not shown)

06/ BOLTED FLANGED RISING CURRENT AND DRAIN PORTS
Easier for installation in comparison to screw-on (Not shown)

07/ WEAR SHOES
Standard rubber or optional urethane or abrasion resistant steel wear shoes.

08/ DEWATERING SCREEN CARTRIDGE STYLE REPLACEMENT
Ability to remove and replace the springs from the bottom without having to lift the dewatering screen off all the springs.

09/ ADJUSTABLE DISCHARGE DAM
2" of raised steel builds up material to a slope so that excess water runs off the material, providing better dewatering performance.

10/ PATENTED FINES RECOVERY JET
Recovers up to 3% of salable material.

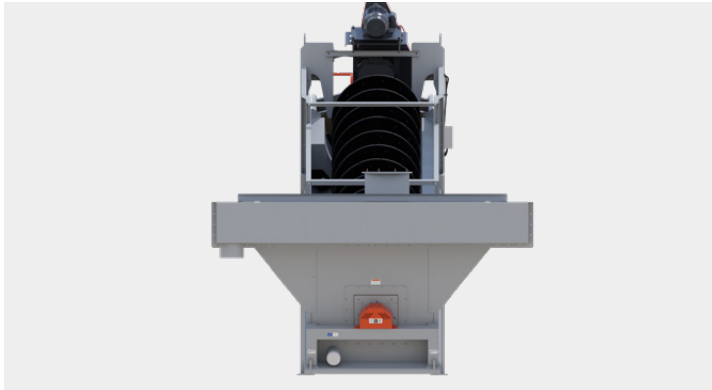
11/ FINE MATERIAL SCREW
Accepts feed up to 3/4" (19mm) while removing unwanted fines in sand.

12/ INTEGRATED DEWATERING SCREEN
A deeper bed depth and urethane sidewalls remove more water for output as low as 8% moisture.

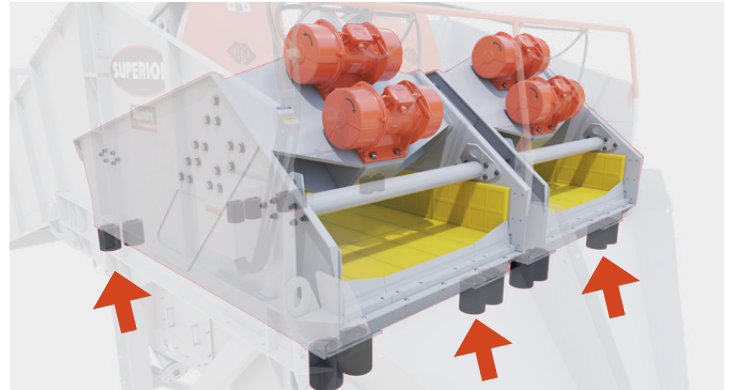
13/ SCREEN SIDEWALLS
Unique sidewall media encourages water to drain from top and sides, which produces drier product.

14/ STUB SHAFT REMOVAL DOOR
Allows for the stub shaft to be easily removed from the back end of the tub, eliminates the need to remove the shaft from inside of tub.

HIGHLIGHTS



BEARING COVER AND BEARING BALLOON

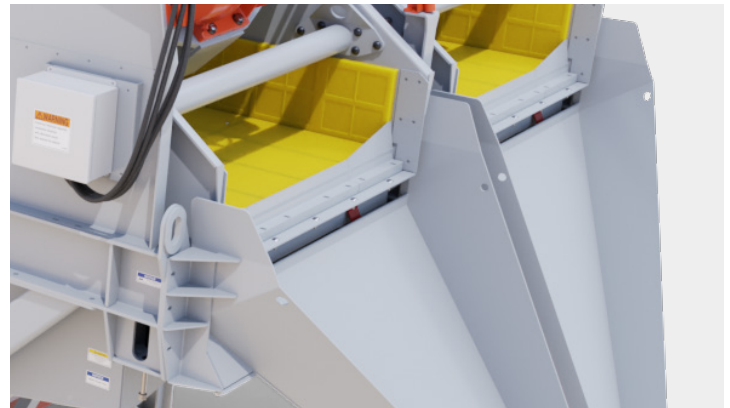


DEWATERING SCREEN CARTRIDGE STYLE REPLACEMENT

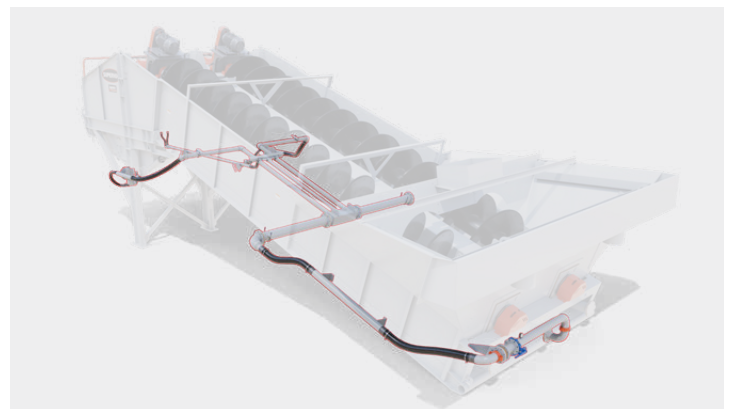


PATENTED FINES RECOVERY JET

- » Profit earned for quicker payback
- » Integrate into existing equipment
- » Low water requirements (100-150 gpm per jet)
- » Low horsepower allows slurry pump to get fines back into the screw
- » Alternative to expensive sump and pump solutions
- » Fresh water booster pump option available to achieve require pressure



MAGNETIC TEMA SIDE WALLS

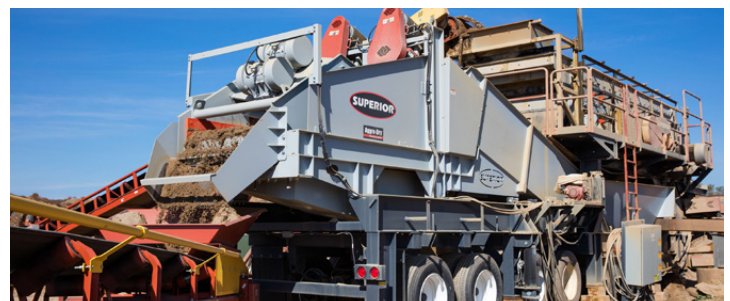


SINGLE POINT CONNECTION PLUMBING W/ CONTROL VALVES

PORTABLE AGGREDRY® WASH PLANT





Rock Face to Load Out®



AGGREDRY® DEWATERING WASHER

SPECIFICATIONS

	Screw Diameter inch (mm)	Capacity STPH (MTPH)	Screw Speed Actual RPM	Max Material Size inch (mm)	Motor HP (kW)	Screen Motor HP (kW)	Water Capacity gpm (m ³ /h)		
							100 M	150 M	200 M
SINGLE SCREW									
	24 (610)	50 (46)	32	3/8 (10)	7.5 (5.6)	(2)7 2(5.3)	700 (160)	330 (80)	180 (50)
	36 (915)	100 (91)	20	3/8 (10)	15 (11.2)	(2)7 2(8.6)	1100 (250)	525 (120)	250 (60)
	48 (1,220)	200 (182)	16	3/8 (10)	25 (18.7)	(2)7 2(5.3)	2000 (460)	1050 (240)	600 (140)
	60 (1,524)	300 (273)	13	3/8 (10)	40 (29.9)	(2)9.2 2(7.1)	2600 (600)	1300 (300)	700 (160)

TWIN SCREW									
	Twin 48 (1,220)	400 (364)	16	3/8 (10)	(2) 25 (18.7)	(2) 25 (18.7)	3700 (850)	2000 (455)	975 (220)
	Twin 60 (1,524)	600 (545)	13	3/8 (10)	(2) 40 (29.9)	(2) 40 (29.9)	4500 (1030)	2200 (500)	1200 (280)
	Twin 66 (1,680)	800 (728)	12	3/8 (10)	(2) 50 (37.3)	(2) 50 (37.3)	4800 (1100)	2400 (550)	1300 (300)

FINES RECOVERY PROFIT CALCULATOR



SUPERIOR'S PATENTED FINES RECOVERY JET

Input values matching your plants specific data to calculate additional annual profit from fines recovery.

<input type="text"/>	X	<input type="text" value="3%"/>	=	<input type="text"/>	X	<input type="text"/>	X	<input type="text"/>	=	<input type="text"/>
Tons Per Day of Wet Sand Production		Saved From Waste Pond		Additional Saleable Tons		Cost Per Ton		Production Days in a Year		Additional Annual Profit