



AGGREDRY® DEWATERING WASHER

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



AS LOW AS 8% MOISTURE CONTENT

APPLICATIONS

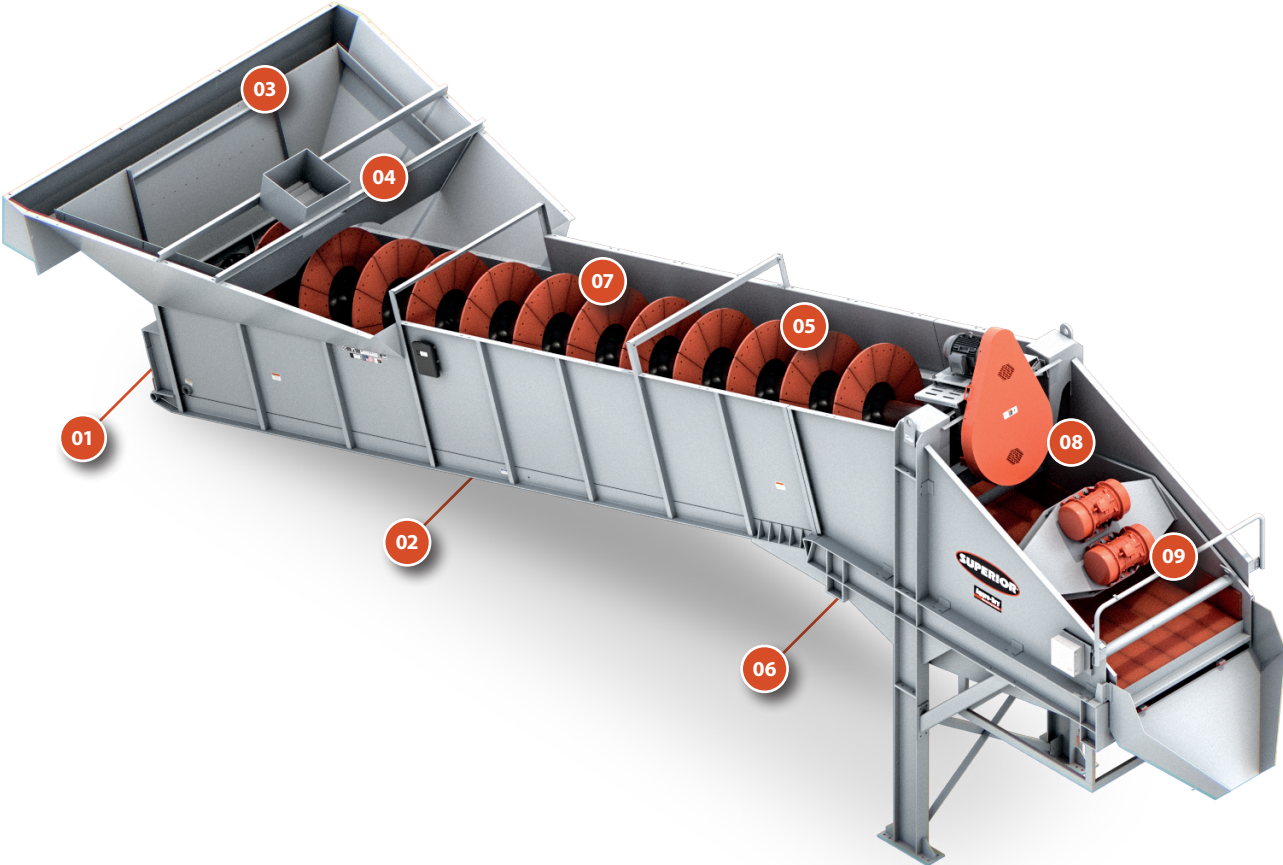
- » Use in fine material applications
- » Self-contained fine material washer
- » Integrated dewatering screen
- » Low horsepower requirements
- » Remove unwanted, lightweight silts



Rock Face to Load Out®

 Patented Technology

FEATURES



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.

03/ ADJUSTABLE WEIR PLATE
Encourages overflow water to level, which maximizes fines retention.

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

05/ WEAR SHOES
Standard rubber or optional urethane or abrasion resistant steel wear shoes. Manufactured with internal steel plate to hold up in harsh applications.

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

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

08/ INTEGRATED DEWATERING SCREEN
Unique sidewall media encourages water to drain from top and sides, which produces drier product.

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

OPTIONS

TWIN SCREW

ROAD PORTABLE PACKAGE

REDUCED SCREW SPEED

ROCK GRADE RUBBER WEAR SHOES

A-532 WEAR SHOES

MATERIAL DISCHARGE CHUTE

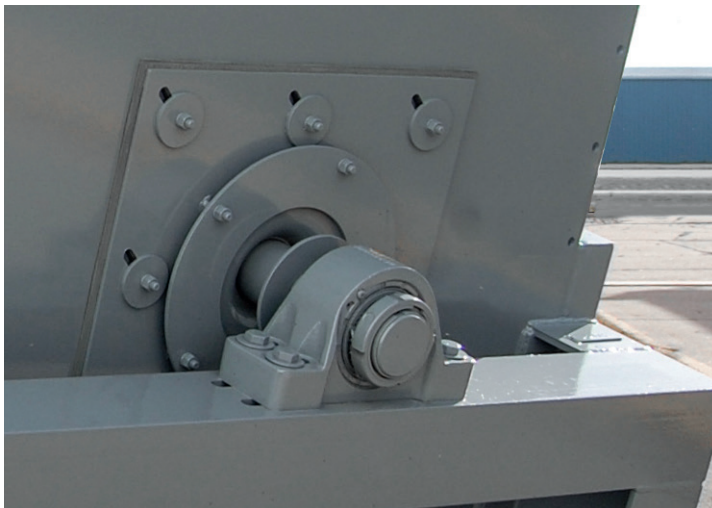
SAFETY COVERS

SKID FRAME

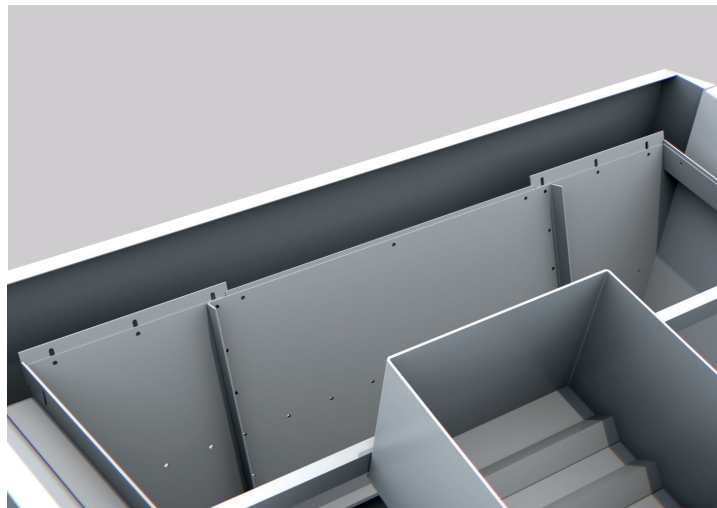
FOLDING WING WALLS

BOOSTER PUMP

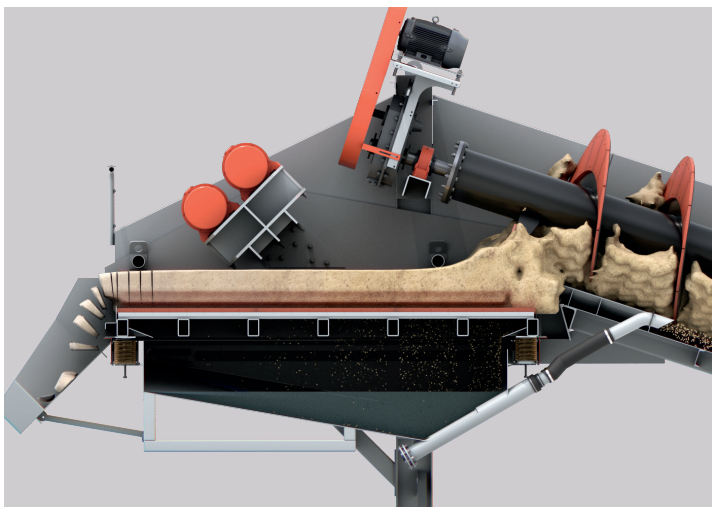
HIGHLIGHTS



SAFEGUARD OUTBOARD BEARING



03/ ADJUSTABLE WEIR PLATE



06/ PATENTED FINES RECOVERY JET

- » Profit earned for quicker payback
- » Integrate into existing equipment
- » Low water requirements (90-100 gpm)
- » 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



09/ SCREEN SIDE WALLS

PORTABLE AGGREDRY® WASH PLANT





Rock Face to Load Out®



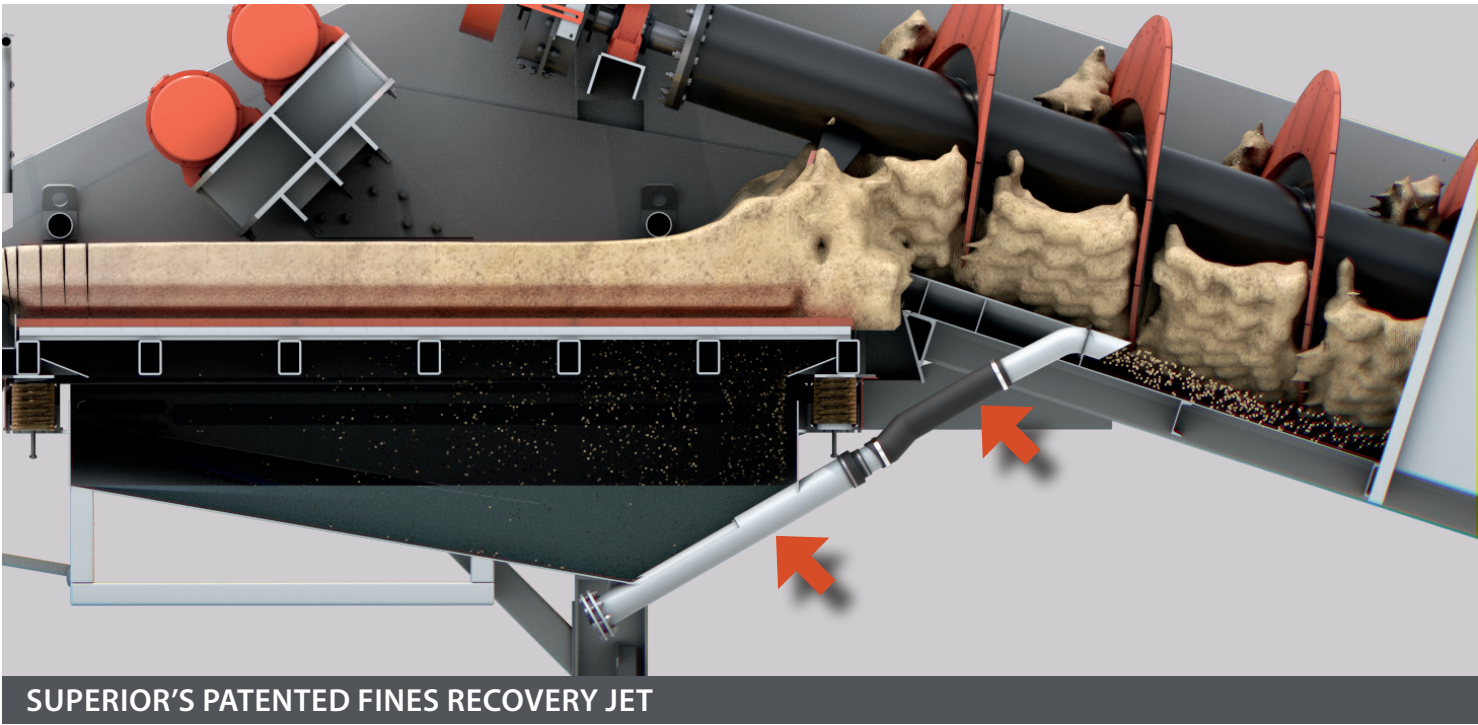
AGGREDRY® DEWATERING WASHER

SPECIFICATIONS

	Screw Diameter inch (mm)	Capacity STPH (MTPH)	Screw Speed RPM	Max Material Size inch (mm)	Motor HP (kW)
SINGLE SCREW					
	24 (610)	50 (46)	32	3/8 (10)	7.5 (5.6)
	36 (915)	100 (91)	20	3/8 (10)	15 (11.2)
	48 (1,220)	200 (182)	16	3/8 (10)	25 (18.7)
	60 (1,524)	300 (273)	13	3/8 (10)	40 (29.9)

TWIN SCREW					
	two 36 (915)	200 (182)	25	3/8 (10)	two 15 (11.2)
	two 48 (1,220)	400 (364)	17	3/8 (10)	two 25 (18.7)
	two 60 (1,524)	600 (545)	15	3/8 (10)	two 40 (29.9)
	two 66 (1,680)	800 (728)	14	3/8 (10)	two 50 (37.3)

FINES RECOVERY PROFIT CALCULATOR



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

X

3%

=

X

X

=

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