

AGGREDRY DEWATERING WASHER

Fine Material Washer with Integrated Dewatering Screen Produces a Drier Finished Sand



FEATURES

- » Fine material screw and dewatering screen in single package
- » Produce material with moisture content as low as 8%
- » Dry material reduces carryback and maintenance on conveyors
- » Patented fines recovery system saves 3% from waste pond

APPLICATIONS

- » Wash silts from feed
- » Dewater wet/slurry material
- » Salt/brine reclamation
- » Fine screw application





FEATURES



01/ CURVED BELLY PAN

Eliminates dead spots for material to gather common to 90° angles.

02/ SAFEGUARD OUTBOARD BEARING

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

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/ URETHANE WEAR SHOES

Manufactured with internal steel plate to hold up in harsh applications. Gives it more rigidity, keeps it from flopping and wearing quicker.

06/ PATENTED FINES RECOVERY

Ultrafines collects in underflume and is returned to screw. Saves 3% of fines from reaching waste pond.

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

14 Superior Industries

HIGHLIGHTS









PORTABLE AGGREDRY® WASH PLANT





Rock Face to Load Out^a

SPECIFICATIONS Auger Vibrating Water Capacity GPM (m³/hr) Screw Moter Motor Capacity Speed **Material Size** Size Size inch (mm) TPH (MTPH) HP (kW) HP (kW) 100 Mesh* 150 Mesh* inch (mm) RPM SINGLE SCREW



24" (609)	50 (45)	32	3/4" (19.0)	7.5(5.5)	8.05 (6.0)**	700 (159)	330 (74)	180 (40)
36" (914)	100 (90)	20	3/4" (19.0)	15 (11.0)	8.05 (6.0)**	1,100 (249)	525 (119)	250 (56)
48" (1,219)	200 (181)	16	3/4" (19.0)	25 (19.0)	11.40 (8.5)**	2,200 (499)	1,050 (238)	600 (136)
60" (1,524)	300 (272)	13	3/4" (19.0)	40 (30.0)	12.61 (9.5)**	2,600 (590)	1,300 (295)	700 (159)
66" (1,676)	400 (362)	13	3/4" (19.0)	50 (37.0)	16.00 (12)**	2,880 (654)	1,440 (327)	720 (163)

^{*(2)} Two vibratory motors per washer

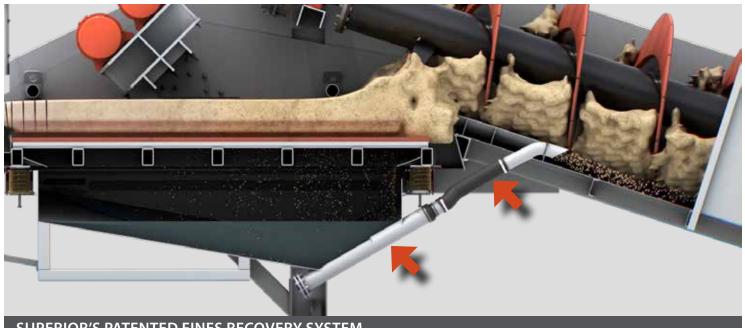
TWIN SCREW



48" (1,219)	400 (362)	16	3/4" (19.0)	two 25 (18.0)	11.40 (8.5)*	3,700 (840)	1,800 (408)	975 (221)
60" (1,524)	600 (540)	13	3/4" (19.0)	two 30 (22.0)	12.61 (9.5)*	4,500 (1,022)	2,200 (499)	1,200 (272)
66" (1,676)	800 (725)	13	3/4" (19.0)	two 50 (37.0)	16.00 (12)*	4,800 (1,090)	2,400 (545)	1,300 (295)

^{* 100} Mesh (150 μm), 150 Mesh (113 μm), 200 Mesh (75 μm). **(4) Four vibratory motors per washer.

FINES RECOVERY PROFIT CALCULATOR



SUPERIOR'S PATENTED FINES RECOVERY SYSTEM

Imput values matching your plants specific data to calculate aditional annual profit from fines recovery.

Χ 3% Χ Χ

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

200 Mesh*