

# Fine Material Washers



## Description

These heavy duty fine material washers are ideally suited for removing material in applications such as fines recovery, sand manufacturing, concrete reclamation, salt reclamation, and municipal waste removal.



Built with large, three stage gearboxes and outboard lower bearing assemblies, the units are designed for long operating life and maintenance ease. Trio washing equipment is fabricated with heavy duty tubs, ensuring an operating life that will exceed that of the competition.



Perhaps the best feature of Trio washing products involves the extreme duty gearbox, designed for maximum torque, and slow speed operations. With oversize gears, these most critical components of the sand screws provide an added safety factor for today's demanding operators.

These products are designed and manufactured with more than twenty years of operating knowledge of washing equipment and are widely accepted throughout the world.

## Operating Principal

Feed material enters the feed box and is distributed into the washer's settling pool. Internal and external baffles control the feed velocity and limit water current speeds and turbulence, enabling the washers to retain fines. Lighter products such as silt, excessively fine material, and other deleterious materials do not have time to settle and are carried away with the water over the long, adjustable side and end weirs.

The settled material is augured up the washers by the spiral flights. Additional cleaning takes place by the abrading action of the material fractions. Excess water is drained back to the pooling area as the material is conveyed up and out the upper end of the trough.



## Applications

*Gravel*

*Crushed Stone*

*Mixed Clay Material*

*Mixed Debris*

*Mud*

*Environmental*

## Models/Sizes

*36" x 25' Single*

*36" x 25' Twin*

*44" x 32' Single*

*44" x 32' Twin*

*44" x 36' Twin*

*54" x 34' Single*

*54" x 34' Twin*

*54" x 38' Twin*

## Other Considerations

*One Year Warranty*

*Quick Deliveries*

*Off-the-shelf parts*

*Nationwide distribution*

*Superior Quality*

*Low Price Guarantee*

## Cornerstone Equipment, Inc.

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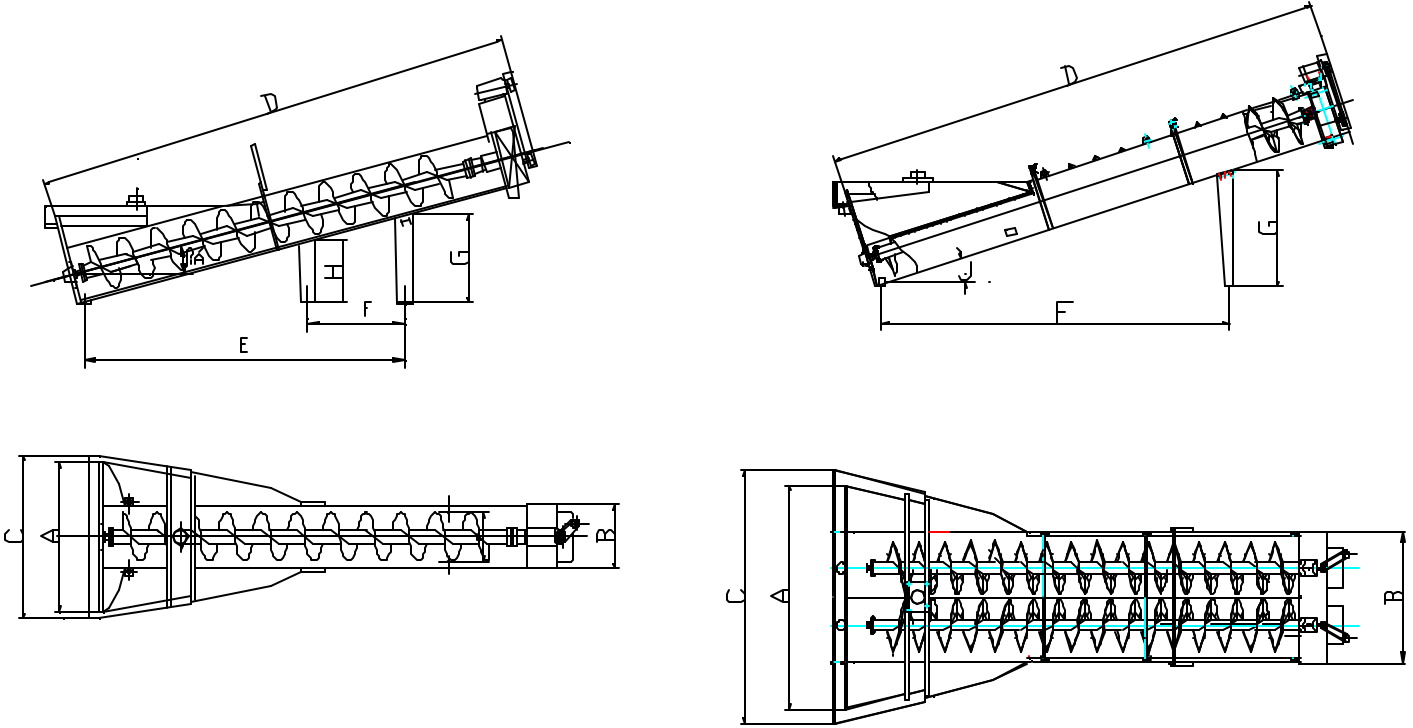
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# Fine Material Washers



	36" x 25' Single	36" x 25' Twin	44" x 32' Single	44" x 32' Twin	54" x 34' Single	54" x 34' Twin
<b>Capacity (TPH)</b>	100	200	175	350	275	550
<b>Maximum Material Size</b>	3/8" (9 mm)	3/8" (9 mm)	3/8" (9 mm)	3/8" (9 mm)	3/8" (9 mm)	3/8" (9 mm)
<b>HP (Electric)</b>	15	15 (two)	25	25 (two)	40	40 (two)
<b>Water (GPM @ 25 PSI)</b>	40/360	105/620	60/740	125/1,400	60/950	125/2,050
<b>Max Screw Speed (RPM)</b>	21	21	17	17	14	14
<b>Weight</b>	13,000	25,000	21,000	40,000	32,000	62,000

**NOTE:** Designs & specifications subject to periodic change without notice.



Spiral Diameter	Tub Length	A	B	C	D	E	F	G	H	J
36" Single	25'	8'-5"	3'-6"	9'-3"	27'-10"	19'-1"	-	5'-4"	-	18°
36" Twin	25'	11'-6"	6'-9"	12'-5"	27'-10"	19'-1"	-	5'-4"	-	18°
44" Single	32'	10'-11"	4'-6"	12'-11"	34'-6"	24'-4"	12'-6"	8'-2"	4'-2"	18°
44" Twin	32'	14'-8"	8'-4"	16'-9"	34'-6"	24'-4"	12'-6"	8'-2"	4'-2"	18°
54" Single	34'	12'-2"	5'-5"	14'-8"	35'-6"	25'-4"	12'-10"	8'-6"	4'-4"	18°
54" Twin	34'	16'-6"	9'-11"	19'-1"	35'-6"	25'-4"	12'-10"	8'-6"	4'-4"	18°

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