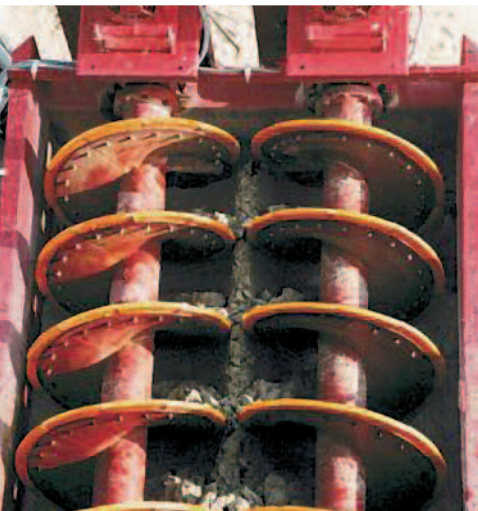


FINE MATERIAL SCREW WASHERS



mclanahan.com



McLanahan Fine Material Screw Washers are easy to operate and maintain.

They have three primary functions:

Wash

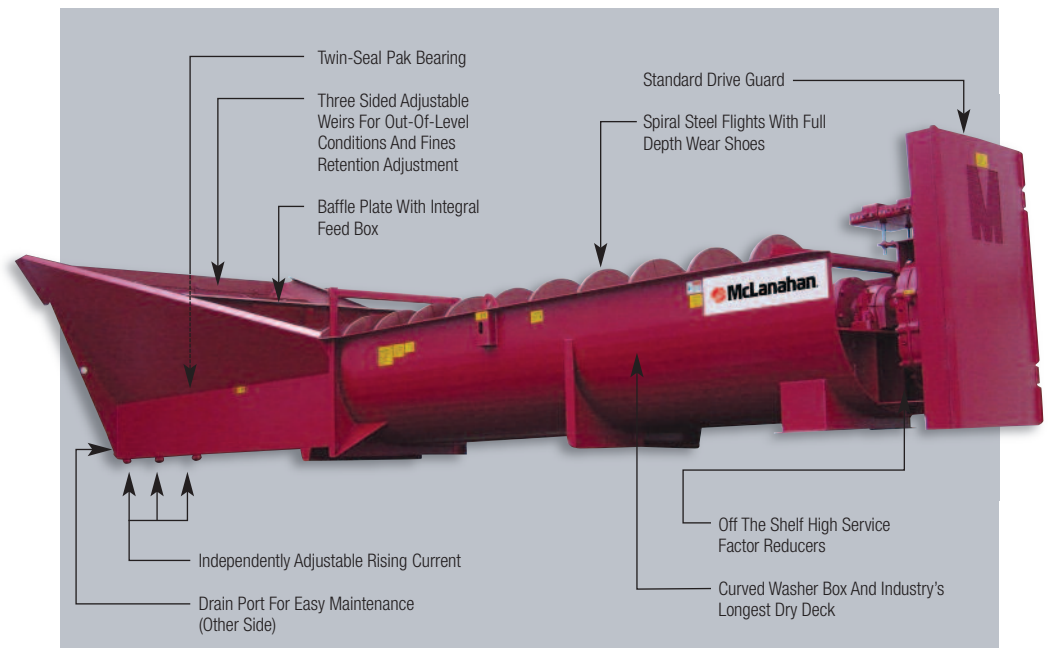
Removes slimes, silts and clays by allowing the material to roll and tumble upon itself, which causes material on material attrition. The waste particles are absorbed into the water and discharged over the weirs.

Dewater

By moving material up an inclined box via a spiral screw shaft, free water is allowed to drain away from the material into a drainage trough.

Classify

Controlling the weir heights provides maximum retention of desirable product while allowing undesirable "fines" to float over the weirs.

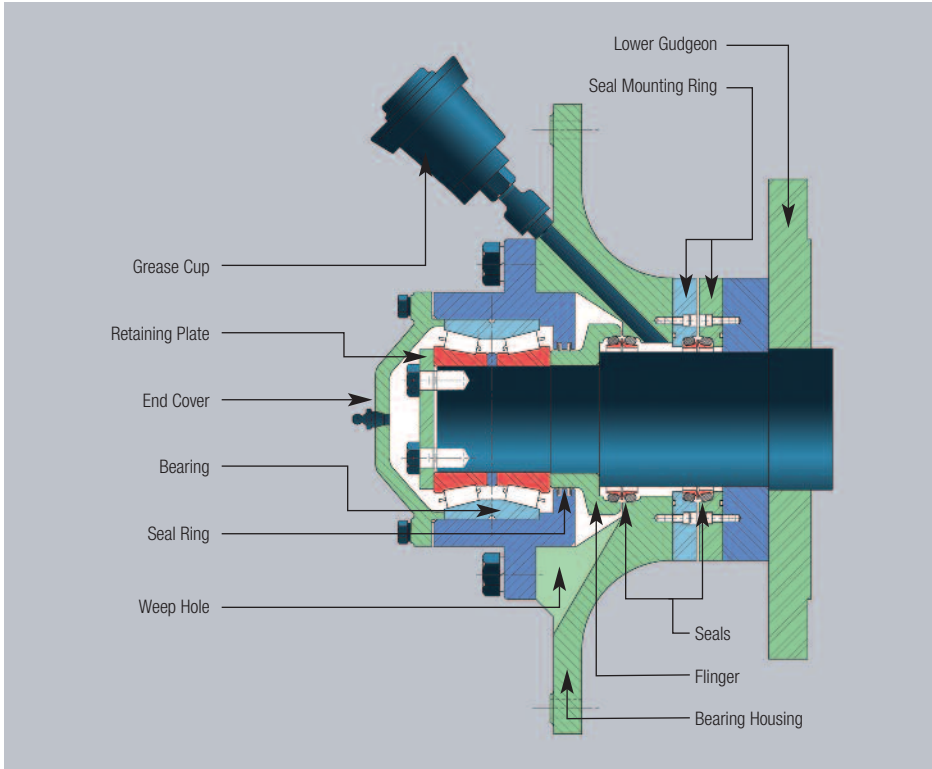


SELECTION

The selection of a Fine Material Screw Washer is based upon the type of material, feed gradation, desired product specification, capacity required and water volume, if in a slurry feed. All of these factors must be taken into consideration for proper sizing. Please contact the McLanahan Sales Department or your authorized McLanahan representative for a final recommendation.

WEAR SHOES

McLanahan provides several types of full depth, contoured wear shoes (including White Iron, Hardmac and Premium Urethane) to fit any application. McLanahan White Iron Shoes, made in McLanahan's foundry to exacting specifications, are standard on all screws except the 72" (182 cm) model.



SUBMERGED BEARINGS

Changing a “boot” every season? Tired of leaky bearings that lead to catastrophic failure? Then use McLanahan Twin-Seal Pak submerged rear bearings, which are standard on all washing equipment. This design incorporates Duo-Cone® seals that keep water and the smallest particles from reaching the bearing. Pressure in the bearing housing is maintained between the seals to provide constant seal face lubrication, and a weep hole eliminates any possibility of seal damage from over greasing. A plunger in the grease cup even lets you know how much grease is in the bearing seal cavity. The roller bearing is mounted outboard, so it can be removed for easy maintenance.

OPTIONAL EQUIPMENT

- Motors
- Front Supports
- Top Covers
- Discharge Chute

HIGH WATER VOLUME SCREW WASHERS

Does your application have a lot of water to deal with, but only a small amount of sand? Why buy a big, oversized screw washer just to handle the water? Now you can select the appropriate size washer box to deal with the water volume and the correct size screw shaft(s) to handle the sand capacity. Mix and match to maximize your buying power.



Offering The Widest Range Of Processing Equipment Available From A Single Manufacturer

Wet Processing

Aggregate Conditioners
Attrition Scrubbers/Cells
Coarse Material Screw Washers
Dewatering Screens
Flat Bottom Classifiers
Filter Presses
Fine Material Screw Washers
Cyclones
Hydrosizers
Log Washers
Pumps
Road Based Mixers
Rotary Scrubbers
Rotary Trommel Screens
Sand Manager Classifying Tanks
Separators™
Frac Sand Plants
In-Line Blending Plants
Recipe Sand Plants
Fines Recovery Systems
Sand Plants
Thickeners

Dry Processing

Cone Crushers
Feeders
Drag Chain Feeders
& Feeder-Breakers
Hammermill Crushers
Impact Crushers
Jaw Crushers
Rocker Tooth Crushers
Lab Mill Crushers
Rotary Sample Dividers
PugMill Mixers
Roll Crushers
Rotary Breakers
Rotary Trommel Screens
Screens
Sizers
Stage Loader Crushers
Crushing Plants

Sampling

Barge Auger Systems
Cross Belt Sampling
Cut Zone Systems
Falling Stream Sampling
Multiple Stage Sampling Systems
Rail Auger Systems
Single Stage Sampling
Truck Auger Systems

Wear Parts



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