



PHOENIX / KISA Bucket Wheel

The PHOENIX/KISA Bucket Wheels are designed for the capture, de-sliming, and dewatering of granular solids including construction aggregate (sand & gravel), specialty sands, granular tailings from mining, dredger slurry and more. These machines are uniquely designed for high solids recoveries with exceptionally low power requirements, even from dilute slurries such as dredger spoil. The dewatered solids are readily conveyable and stackable, having residual moisture contents that are comparable with the product from dewatering screens.



PHOENIX/KISA Model ESZF
Bucket Wheel

Choose from over a dozen sizes in both a standard bath and extended bath model. Design options include standard, gravel and water ejection array.

**We're All About
The Process**



APPLICATIONS

- » Sand & Gravel Dewatering
- » Sand Washing & Classification
- » Fine Sand Recovery
- » Suction Excavator Feeding
- » Granular Slurries from Industrial Applications

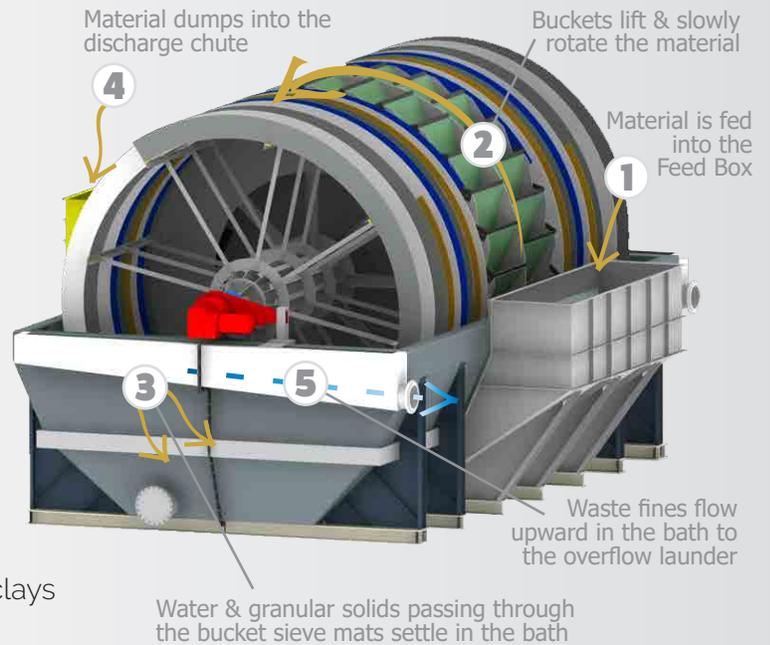


On-site field demonstrations available. Contact PHOENIX at 502-499-6198.



FEATURES & BENEFITS

- » High solid handling capacity of +1700 STPH
- » Sand recovery up to 99.5% with ability to handle multiple product streams simultaneously
- » Load-sensitive automation adjusts to varying feed rates
- » 50 HP drive provides low power consumption for 1000 STPH
- » Handles large surges in feed making it ideal for dredging
- » Larger sumps for high hydraulic capacity
- » Add-on auxiliary feed box liberates surface clays



Sand, gravel and other granular material is fed to the feed box in the front of the bath. Material is picked up by the buckets as it spins slowly. The slow operating speed and absence of vibration and robust materials ensures lower maintenance costs versus dewatering screws, pumps/hydrocyclones and dewatering screens. Siphon assisted pipes returns the water and material that pass through the sieve mats to the bath. Dewatered solids move through the discharge chute and are conveyable and stackable. Waste fines flow upward in the bath to the overflow launder.



Contact PHOENIX at 502-499-6198 for complete systems tailored to your requirements including: Classification, Separation, Scrubbing, Effluent Treatment, Water Recovery, Fines and Tailings Dewatering & Disposal.

Authorized representative:

