



PHOENIX / KISA Logwasher

PHOENIX/KISA twin shaft logwashers remove dirt, loam, clay contaminants and other deleterious materials from aggregate raw materials such as dirty limestone, dolomite and high silica content gravel. With high tonnage feed capacities from 220 - 660 STPH and rugged trough and shafts with Hardox® paddles, these logwashers are suitable for a variety of applications requiring severe scrubbing and de-agglomeration.

**SWX Logwashers
can accommodate
rock up to 12".**



PHOENIX/KISA Model
SWX300 Logwasher



SWX twin shaft logwashers are available in several power arrangements and tonnage outputs.

**We're All About
The Process**



APPLICATIONS

- » Aggregate & Gravel Washing
- » Coal & Wood Removal from Coarse Aggregate
- » Scrubbing Coarse Lateritic Ores
- » Cleaning Dirty Limestone/Dolomite for Chemical & Cement Industries
- » Demolition Waste Recycling

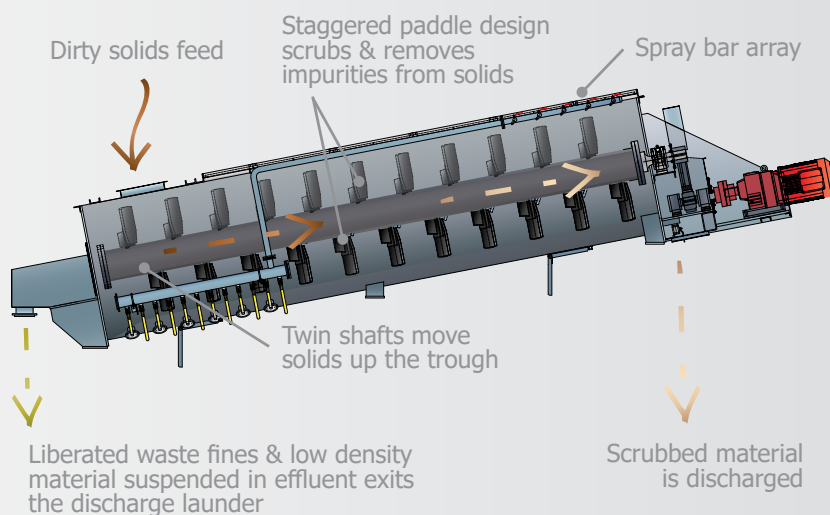


On-site field demonstrations available. Contact PHOENIX at 502-499-6198.



FEATURES & BENEFITS

- » Continuous feeding of material up to 660 STPH provides maximum efficiency
- » Feed handling capacity up to 12" rock accommodates a variety of washing applications
- » Force-synchronized, counterrotating twin shafts with heavy-duty steel paddles crush low-density particles for effective washing of impurities
- » Low water consumption of 400 - 800 GPM depending on machine size & feedstock
- » Optional upflow nozzles can be added for higher rates of wood/organic removal



Material is fed to the lower end of the trough. Water is added by spray-bar arrays at the top end of the trough, while solid material advances up the inclined trough by paddle action. Force-synchronized, interlocked counterrotating twin shafts with staggered paddles create intense paddle-rock & rock-on-rock shear action to remove the impurities from the material. Scrubbed material dumps from the discharge chute at the top end of the trough and waste liberated fines & low density suspended matter exit through the discharge launders.



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:

