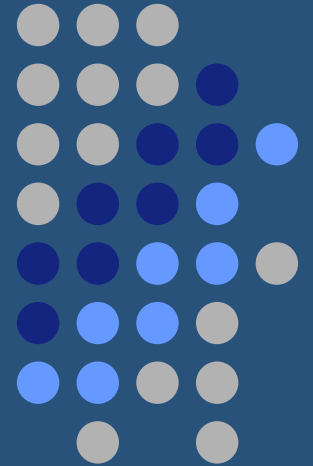
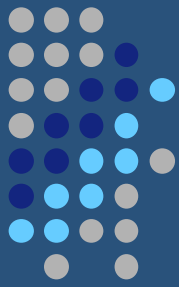


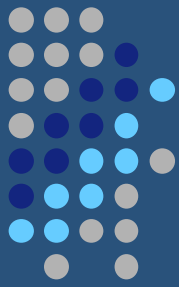
Crushing & Screening Innovations, Inc.  
1906 Longwood Dr.  
Brenham, TX 77833  
979-830-1398 (O)  
979-830-8870 (F)



# LH510-3



# Standard Features

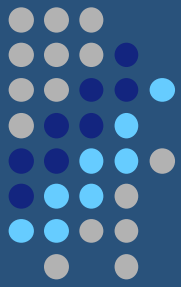


- Patented & Patent Pending Design
- Open Hood Design to Allow Ease of Maintenance
- Easy Screen Cloth Change Out
- Inspection Hatches for 2nd, 3rd and 4th decks
- Inspection/Sampling Hatches on Discharge Spouts
- Very Low Maintenance
- Few Moving Parts
- Low Horsepower - 1/3 HP Per Deck
- No Screen Cloth Dead Areas
- Modular Design
- Flexibility in Product Changes
- Powder Coated Body
- Stainless Steel Tension Rails
- Special Stainless Steel Alloy Vibrating Rail
- Standard Size is 5' by 10'

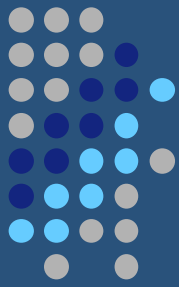




# Open Hood Deck for Access to Second & Consecutive Decks

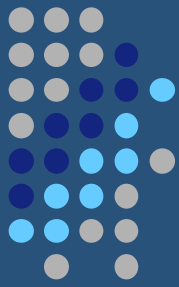


# Benefits



- Revolutionary design that is unparalleled in the industry for high production and efficiency ratios
- Easy Access to 2nd, 3rd and 4th decks
- Lowest power consumption in the industry
- Higher online production availability due to quick screen change and minimal moving parts
- Burst cycle cleaning eliminates the need for ball trays
- Easily adaptable to retrofit existing screen structures
- Minimal dynamics transfer to the support structure due to our patented vibe-rail design of vibrating only the screen cloth and not the screen body
- Low vibration transferred to the structure reduces structural and foundation requirements as well as noise and fatigue
- Light weight modular design
- Very low decibel rating (noise) in comparison to other commercially available screening equipment

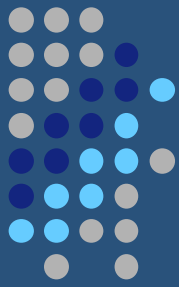




# Screen Tower



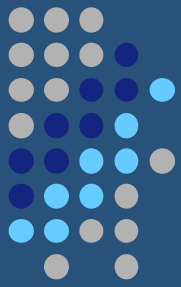
# Advantages



- Capable of wet or dry screening
- Decks can be retrofitted to heat the screen cloth
- Capable of screening down to -325 mesh with certain materials
- Capable of screening hot materials up to + 250 degrees
- Stainless Steel tension rails for corrosion resistance and heat retention
- Stainless Steel special alloy vibrating rail for maximum strength and corrosion resistance
- Dust cover system designed for maximum dust containment and easy access
- Isolator mounted vibe-rail secondary screen tensioner and vibration transfer eliminates the need to re-tension the screen cloth
- Quick and Easy screen section change-out
- Low DBA level (-60 db)
- No center strips, connecting feet, or Bar Rubber
- Maintenance reduced by over 50% resulting in increased production
- Wire cloth wear reduced by 30-50%
- One year warranty on material, parts, and workmanship
- Inspection hatches allow inspection of lower decks while in operation
- Inspection/Sampling hatches in the discharge spouts allow quick and easy product sampling for quality control
- Open hood design allows fast access to the lower decks for screen cloth change or maintenance

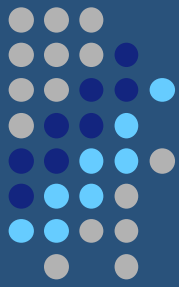


# Screen Tower



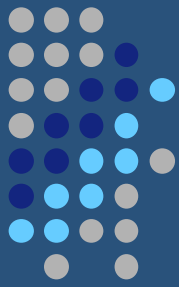


# Optional Equipment

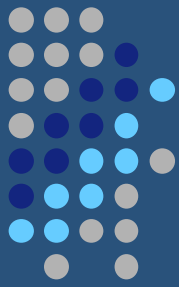


- Replaceable Abrasion Resistant Feed Inlet Liner
- Fines Hopper - Standard or Custom Design with or without material retention mesh to allow material on material wear extending the life of the hopper
- Product Spouts - Standard or Custom Design with or without material retention mesh to allow material on material wear extending the life of the spout
- Burst Cycle - Screen Cloth Cleaning
- Custom Support Structures & Access Platforms
- Dust Collection tap and/or Dust Collection System
- Customization Option Available
- Screen Cloth Heating

# Double Deck with Upper Tier Fines Hopper



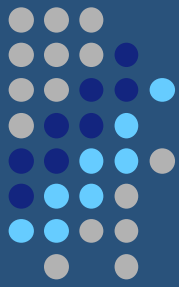
# Examples of Industrial Minerals Processed on the LH510 Screen



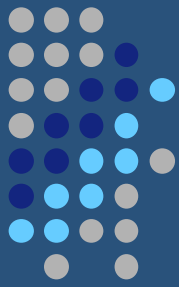
- Frac Sand
- Chemical
- Roofing Granulars
- Foundry Sand
- Garnet
- Glass
- Salt
- Feldspar
- Flint
- Lime
- Cement
- Dry Clay
- Grogg
- Bottom Ash ( Coal)
- Fly Ash
- Fertilizer
- Coal
- Iron Powder
- Mangetite
- Granite
- Silica Flour
- Marble Flour
- Graphite
- Manganese
- Copper Slag
- Steel Slag
- Coal Slag
- Sinter
- Coke



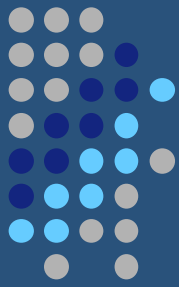
# Triple Deck Screener



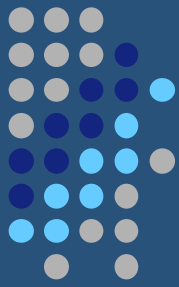
# Four Deck Screener



# Stainless Steel Vibrating Rail



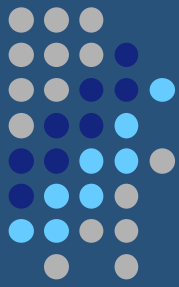




# Open Hood Lower Deck Access



- Cylinder support stop holds the upper decks open while being maintained
- Designed to accept long shank lock-out tag-out lock and tag
- Relocateable for multi-deck machines

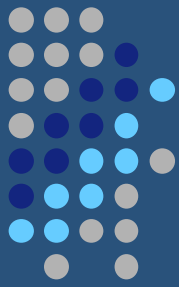


# Feed Inlet



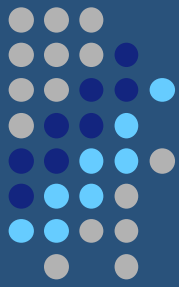
# Upper Tier Fines Hoppers

# Feed Inlet with Screen Cloth

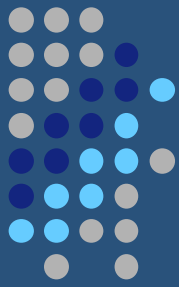




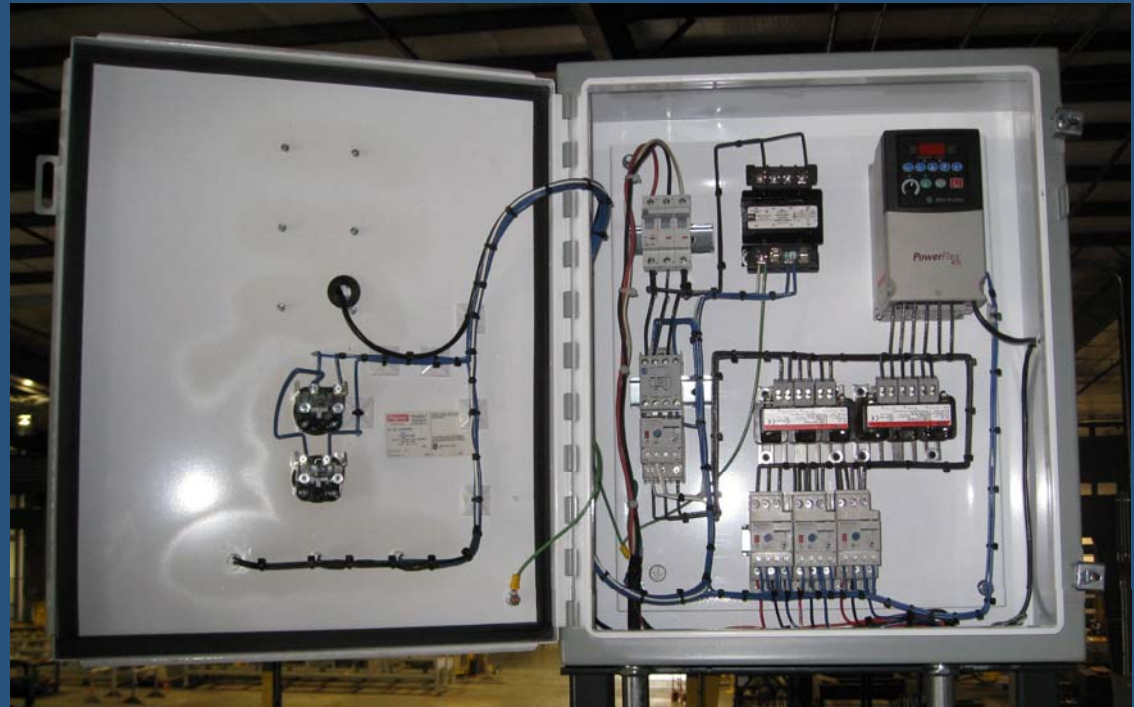
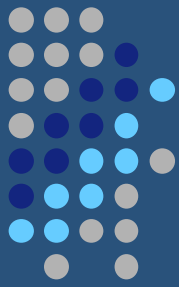
# Material Discharge Spouts



# Cover Latch Assembly

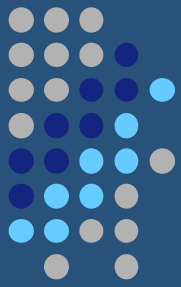


# Screen Control Box - Burst Cycle





# Inspection Doors



# Multi-Tier Multi-Bank Multi-Deck Screens

