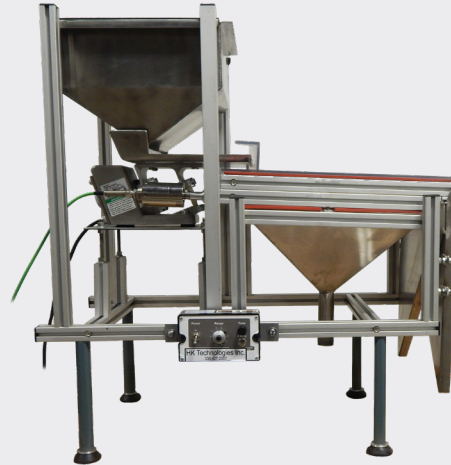


## ENGINEERED FOR EXTREMELY HIGH YIELD SCREENING APPLICATIONS

### HK INCLINE SCREENER

Simply load the product hopper, determine the feed rate and the HK Incline will provide continuous, reliable, high yield product while improving efficiency and quick throughput rates



#### PRODUCT DETAILS:

The HK Incline is a complete self-contained ultrasonic screening system designed for extremely high yield screening applications.

The HK Incline system transmits high frequency, low amplitude vibration directly to the screening surface.

By virtually eliminating screen blinding or clogging, the HK Incline provides an extremely reliable method for screening dry materials that require high yields.

A membrane touch keypad allows for optimal performance and settings for each specific application.

Using no other mechanical movement, the ultrasonic vibration continuously moves the product down the near horizontal screen surface.

Oversize and fine particles are collected in separate containers.

#### BENEFITS:

- Multiple deck screening
- Quiet, continuous or batch operation
- Eliminates the need for second pass screening
- High yields increase productivity
- Low noise levels
- Unique Ultrasonic Transducer design allows for 100% utilization of the screen surface
- Screen frames designed for quick and low-cost screen replacement
- Screens down to 20 micron (625 mesh) or 5 micron with electro-formed sieve frames

## ULTRASONIC TRANSDUCER



### INDUSTRIES WE SERVE

3D Printing  
Agriculture  
Pharmaceuticals  
Vitamin Production  
Dry Chemical Processing  
Powder Metal Production  
Additive Material Manufacturing  
Powder Coatings  
Food & Beverage

### COMMON APPLICATIONS

Particle Sizing & Separation  
Solid/Liquid Separation  
Check Screening  
Particle Analysis  
Sieve & Classify Dry Bulk Goods

All Lab & Pilot Sieves are designed with minimal wear parts to make maintenance an infrequent and easy task. Minimal contact parts allow for quick and easy clean up or screen changeover.

Flexibility in design options ensures a seamless fit into your existing production processes for your specific screening or sieving application.

We are dedicated to high quality construction, warranty and service.

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### APPLY HK'S ULTRASONIC SCREEN DEBLINDING SYSTEM TO THE HK SERIES AND INCREASE SIEVE RATES UP TO 10X!

HK Technologies Ultrasonic Deblinding System is designed using an ultrasonic transducer attached to a frame or ring, preserving the integrity of the mesh and extends life out in the field.

- The frame delivers frequency, low amplitude ultrasonic vibration that excites the screen, effectively eliminating screen blinding
- Applying Ultrasonics gives you the ability to utilize 100% of the screen deck, increasing throughput rates
- HK's unique ultrasonic vibration transducer design is attached to a frame, eliminating screen tearing issues of competitive units
- HK's Ultrasonic Conversion System can be applied as a retrofit conversion on most standard sized competitive vibratory screeners, sieves and sifters.

12750 Salem Warren Road  
Salem, OH 44460

T 330.427.2007  
F 330.427.2805

SALES@HKSIEVE.COM

HKSIEVE.COM

