

## GET GREATER THROUGHPUT OF DIFFICULT-TO-SCREEN PRODUCTS

### HK DUAL DRIVE SIFTER SERIES

The ultra-low-profile design allows minimum space consumption makes it possible to fit in tight spots between storage and process equipment



#### PRODUCT DETAILS:

The HK Dual Drive Sifter Series provides a three-dimensional motion thus allowing for greater throughput of difficult-to-screen products.

Its ultra-low-profile design allows minimum space consumption making it possible to fit in tight spots between storage and process equipment.

By mounting the rotary electric vibratory motors on the exterior as opposed to beneath the screening chamber, the overall height is reduced significantly.

Intended install above or below bulk storage vessels, bulk bag or drum unloaders, blenders, mixers and other process equipment.

The unit is designed with a quick screen change system, making it easy to clean in a timely manner.

Users can control the residence time of particles on the screen surface by adjusting motor force and orientation angle.

#### BENEFITS:

- 24", 30", 36" and 48" screen diameters
- Two (2) high speed rotary electric drives provides rugged 3-dimensional vibratory action
- All units are constructed of 10-gauge 316 stainless steel for quick and easy screen changeover
- Low profile design allows for production screening in "tight fit" applications
- Offers high capacity wet or dry scalping with its low headroom design
- Straight through or vertical discharge of fines provides easy and in line product flow
- 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)

## 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.

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