

THE HYBRID SCREENER FOR HIGH CAPACITY APPLICATIONS

HK HYBRUTE SCREENER

The hybrid screener that combines the power of a brute force screener with the sensitivity of an ultrasonic sieving system



PRODUCT DETAILS:

The HyBrute incorporates the low-maintenance, high-volume flow rates of a "brute force" rectangular vibratory feeder/screener and the high-precision characteristics of an ultrasonic screener.

The resulting "hybrid" screener brings together the best of both types of vibratory units.

The screeners area available in three sizes, with screen areas of 4.5, 8 or 18 square feet.

BENEFITS:

- Rotary electric vibrators coupled with an ultrasonic deblinding system
- Available in three (3) sizes, with screen areas of 4.5, 8 or 18 square feet
- Higher production rates and sieving efficiency
- Consistency with less screen blinding
- Unique Ultrasonic transducer design allows for 100% utilization of screen surface
- Ultrasonic vibration use reduces throughput on very fine materials such as diamond dust from hours to minutes
- 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.

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

