

GET ULTRASONIC SIEVING WITHOUT SPENDING MORE FOR ULTRASONIC EQUIPMENT

HK VERTABRUTE

The HK VertaBrute's high frequency, vertical vibration design creates the debinding action simply using the screen, requiring no additional ultrasonic equipment.



PRODUCT DETAILS:

The HK VertaBrute provides an efficient, screen debinding solution for fine mesh sift and sieving applications without the use of traditional ultrasonic screening equipment.

The VertaBrute delivers high frequency vibration of 28,000 VPM to the screen deck, ultimately eliminating screen blinding or plugging when sieving high volume batch sizes of fine particle materials such as Additive Manufacturing powders or other dense metal powder materials.

The strong, high energy, and vertical vibration transferred to the screen deck produces better throughput rates and better operational efficiency.

Quickly and easily rescreen your sieve in-house to save on costly production downtime, freight, and rescreen charges.

Experience low cost-of-ownership with minimal maintenance required. The VertaBrute is designed and manufactured in the U.S.A.

BENEFITS:

- 30", 36", and 48" screen diameters
- Two (2) oversized high speed rotary electric drives provide rugged, 3-dimensional vibratory action
- All units contact surfaces are constructed of 14-gauge 316 stainless steel, allowing zero contamination
- Fully custom-sized bases are constructed using mild steel with stainless steel construction available
- Straight through or vertical discharge of fines provides easy and in-line product flow
- Low noise levels
- Screen frames designed for quick and low-cost screen replacement
- Screens down to 20 micron (625 mesh)

ABOUT HK TECHNOLOGIES



An Affiliate of The Cleveland Vibrator Company

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

We Make Sifting Operations *Better.*

HK Technologies provides production and laboratory sized vibratory sieves and ultrasonic vibratory sieves, handling both wet and dry applications down to 10 microns. HK's vibratory sieves can be used for sizing, fines removal or liquid/solid separation. HK's unique design for optional application of ultrasonic vibration outperforms sieve throughput of competitive units. Ultrasonic vibration can be applied as a retrofit conversion on most standard sized competitive vibratory screeners, sieves and sifters.

HK promises to deliver high quality products engineered and built using only the best brands of components recognized for quality and continuous duty. Brands include: Uras Techno Motors, Cleveland Vibrator Vibratory Aids, Yaskawa Controls, Firestone isolation mounts, Bopp Wire Cloth and Precision E Form sieves to name a few.

All sieves, sifters and screeners 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.

HK's fine mesh vibratory sieves and sifters are perfect for check screening applications and ensure a consistent, high quality product every time with removing oversize contaminants from your production batch.

MORE ABOUT THE BRAND & OUR HIGH QUALITY PRODUCTS

- Use of low-maintenance, continuous-duty rated vibrators ensure long and low-cost product life
- Flexibility in design options ensures a seamless fit into your existing production processes for your specific screening, sieving or sifting application
- Unique ultrasonic vibration transducer design utilizes full screen surface area, eliminates screen tearing issues of competitive units and significantly reduces screen blinding to improve throughput rates
- Ultrasonics significantly reduces blinding to improve throughput rates
- High quality construction, warranty and service

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