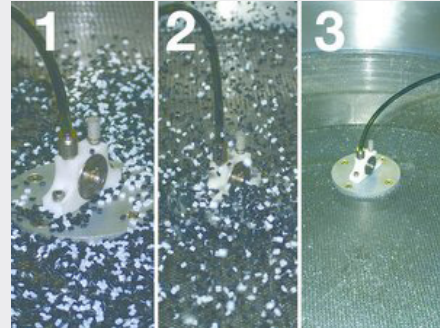


THE BETTER ALTERNATIVE TO BALL DECKS OR CLEAN RING ASSEMBLIES

HK'S TURBOMITE DEBLINDING SYSTEM

The perfect solution for preventing screen blinding, screen pegging and premature screen failure and production loss



PRODUCT DETAILS:

The system is proven to increase screener efficiency from 30%-50%.

An alternative to ball decks or clean ring assemblies, the Turbomite Deblinding System uses high-frequency vibration to eliminate blinding on screens, typically coarser than #40 mesh, without impacting and damaging screens as ball decks do.

The Turbomite requires 40 PSI compressed air and produces 20,000 vibrations per minute across the screen surface.

The energy agitates the wire mesh, keeping it clear from sticky products or on size material from clogging or pegging of the screen apertures.

Common applications include:

- Increase production rates on slurry materials such as ceramics or clays
- Improve screen life on dry bulk screening such as metal powders or chemicals
- Dislodge non-uniform particulates such as abrasives or pellets from screen openings

BENEFITS:

- Pneumatic vibrator activates screen with high energy without requiring electronic controls
- 20,000 Vibration Per Minute frequency imparts high energy to screen without impacting and damaging screen
- Elimination of screen blinding keeps more screen surface clear for higher production rates and longer screen life
- Simple design allows fast and easy application to existing vibratory screens
- Easily installed on any round or rectangular screen frame
- Effective on large mesh openings down to very fine mesh sizes

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

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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