

SAVE MONEY BY RECLAIMING YOUR POWDER

HK VACUSIFT POWDER CONVEYING & SIFTING SYSTEM

Vacuum-integrated sieving system for fast, consistent powder processing



The HK VacuSift Powder Conveying and Sifting System combines a vacuum system with the HK sifting systems to match the application and to provide a flexible, high-throughput unit that quickly processes powder after being vacuumed directly out of a 3D printer bed, bulk bag, super sack, drum, IBC, or similar container.

The HK sifting system, paired with the vacuum system, can either be a standard sifting system, an ultrasonic sifting system, or a VertaBrute sifting system with the loose mesh deblinding feature.

DETAILS:

- Select from HKC Dual Drive, Dual Drive with Ultrasonics, or VertaBrute for performance tailored to your process.
- Boost efficiency with a high-performance vacuum system that conveys material from boxes, bulk bags, drums, IBCs, and more.
- Improve print quality by sieving virgin powder with optional deblinding systems for consistency before every build.
- Compatible with leading 3D printing methods including PBF, SLM, LPBF, DMLS, EBM, and Binder Jetting.
- Standard IP66/NEMA 4 construction with optional explosion-proof upgrades for safe operation in classified zones.

BENEFITS:

- Reclaim powder directly from the print bed with quick, dust-free recovery—maximizing material utilization and reducing waste.
- Streamline operations with an ergonomic design that eliminates manual powder handling and labor-intensive recovery processes.
- Simplify maintenance with easy-to-access features for cleaning, servicing, and replacing parts.
- Ensure material integrity with oversized discharge outlets on the sifters, efficiently removing foreign debris and oversized particles from powders.
- Optimize your builds by sieving virgin powders from containers before production, ensuring only clean, consistent material enters the process.