

# Spray Booth Recovery Systems

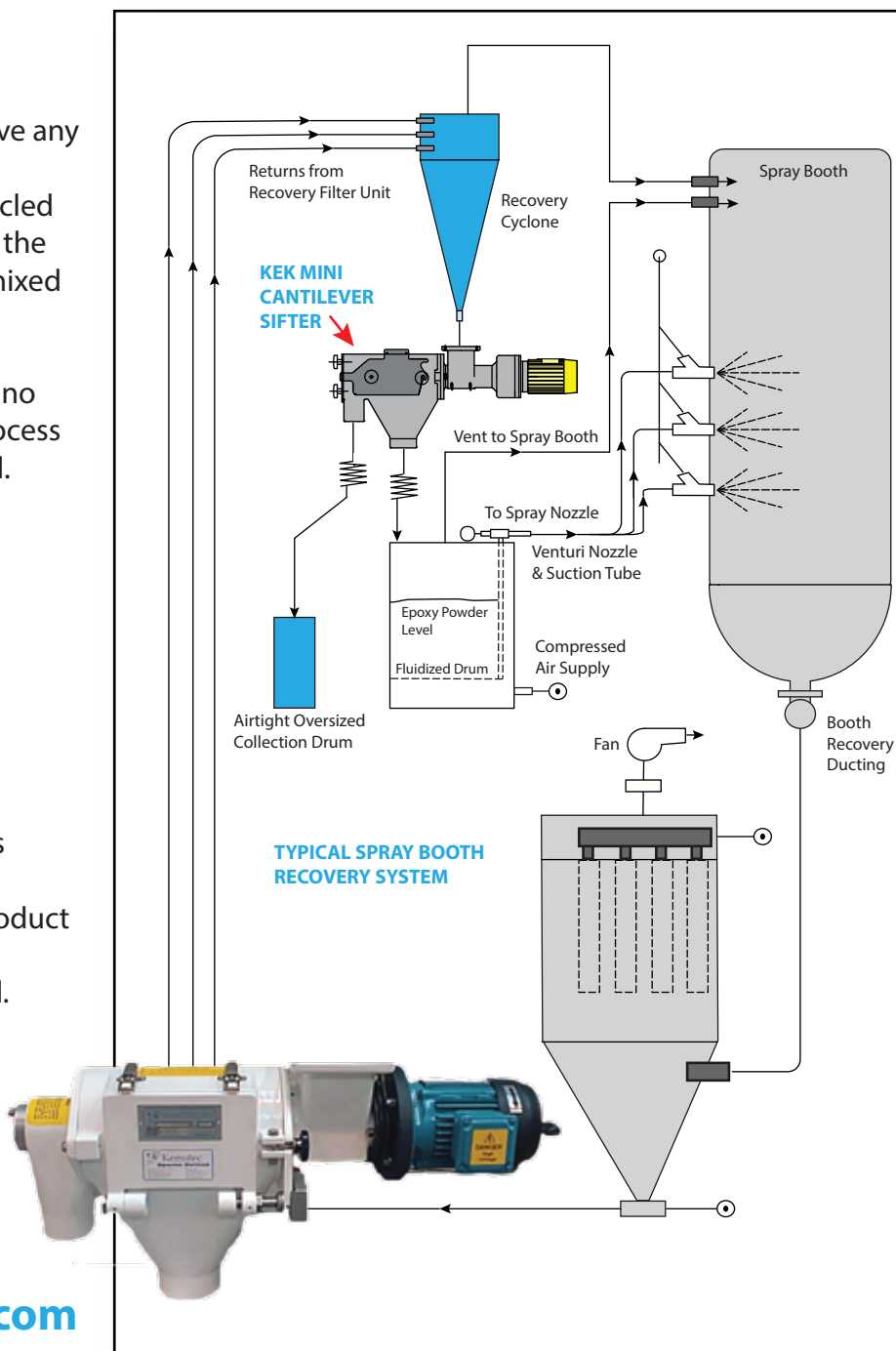
Although the epoxy powder is positively charged as it is sprayed onto grounded items passed through the spray booth, there is still a significant amount which does not adhere and which falls to the bottom of the booth. Most spray booths have an over-spray recovery system but before any recovered powder is recycled it is essential that agglomerates or foreign material is removed first.

## Requirement

- An efficient means to remove any agglomerated lumps or extraneous material as recycled material is transferred from the recovery cyclone to be re-mixed with virgin product.
- Continuous operation with no requirement to stop the process to remove rejected material.
- Means to prevent the static charge within the product causing any blockages.
- Easy clean design.

## Solution

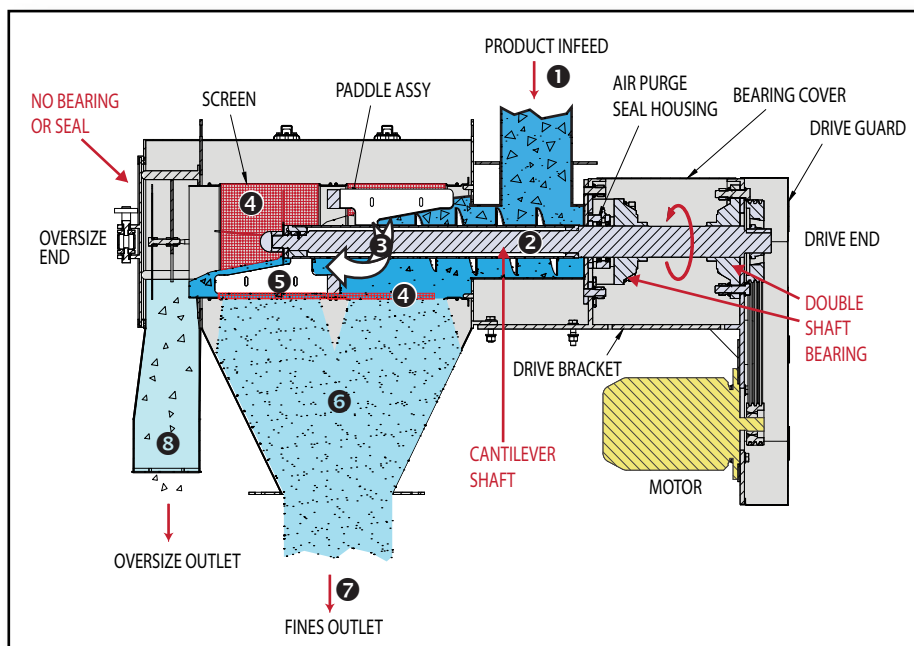
A Kek Centrifugal Sifter with its positive sifting action which mechanically propels good product through the sifting screen and rapidly discards reject material. Anti-static nylon mesh sifting screens dissipate any residual charging quickly and safely to obviate screen blinding.



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## Benefits

- Continuous recovery of product, no downtime to remove rejects
- Positive sifting will break down most agglomerates which would otherwise be lost as oversize on traditional sifters thus increasing the recovery rate.
- Reliability - Kemutec has a proven range of sifters for a whole host of industrial applications and developed specialist powder paint recovery sifters.
- Besides our standard models, we also offer custom designs tailored to suit your proprietary systems.
- Option of screen sizes which are readily changed when required
- Minimum downtime for cleaning and sieve mesh inspection.



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