QuikTAK Duster

Automated Final Tacking

The QuikTAK automated tacking system is custom designed to perform the efficient repeatable removal of both particulate contaminants and static charges from products that will be coated, immediately before the coating process.

The Duster System:

- Initial Blow-off
  - Engineered high velocity ionized air blow-off removes loose particulates and eliminates static charge on contaminants and product surface.
- Rotating ostrich feather duster wheel
  - Mechanically removes balance of particulate contaminants.
  - Develops a static charge due to the friction of its rotation against the surface of the product allowing the individual feather ends to hold the removed contaminants.
  - Contaminent laden feather ends further rotate and brush against a release bar.
- Vacuum Collector
  - After the feather releases the particulate, a high velocity air knife directs the contaminant into a vacuum air stream for collection.
- Final Blow-off
  - Parts receive a final blow-off with engineered high velocity ionized air knives to eliminate part static surface charge.
- Includes a user-friendly control package with all the required components for safe and efficient operation of the duster system (see page 23 for complete explanation of the many QuikCOMMAND features).

The Uses and Benefits:

- The QuikTAK system is engineered to address both the part configuration and the substrate type, and provides significant productivity increase.
- Tremendous reduction of labor requirement by successfully automating a manual step.
- Used extensively in the wood and plastic finishing industries where dust particles and static charges present serious impediments to the finishing process.
- Consistent and repeatable particulate contaminant removal immediately prior to coating application.