

## Handle Powders & Fines Safely, Hygienically



Volkmann's RNT-CON contained rip-and-tip dump stations allow for dust- and contamination-free opening and discharging of high-potency powders and fines from bags, boxes and small containers. The company says that these rip-and-tip dump stations also offer:

- The safe, hygienic handling of materials.
- A roller conveyor to semi-automatically feed bags or containers through a dust lock into an unloading chamber, or isolator, with an integral glove box.
- An isolator that uses negative pressure to contain powders or fines, and comes standard with a flushing connection.
- A glove box that enables users to manually open and discharge containers into the feeding hopper.
- The transfer of material by vacuum conveyor to the next stage in the process.
- The capability to flush the closed unloading chamber from within using a hand-washing gun or WIP/CIP, while emptied bags are brought out through a port to a modular bag compactor or endless liner.
- A modular design with various functional components and options that can be easily configured to meet process-specific requirements.
- The ability to help processors meet increasingly demanding operator safety and environmental regulations for production environments.
- Optional lump breakers or crushers, material agitators, bag separation, vacuum-lifting hoists with extended buffer zones, inlet tunnels built as locks

## Handle Powders & Fines Safely, Hygienically

Published on Chem.Info (<http://www.chem.info>)

---

with separate aspiration, pneumatic door locks, and/or the Volkmann Multijector<sup>®</sup> continuous dusting and filtration system prepared for on-site aspiration.

[usa@volkmann.info](mailto:usa@volkmann.info) [1]

[www.volkmannusa.com](http://www.volkmannusa.com) [2]

### Source URL (retrieved on 03/06/2015 - 4:58am):

[http://www.chem.info/product-releases/2012/11/handle-powders-fines-safely-hygienically?qt-recent\\_content=0&qt-most\\_popular=0](http://www.chem.info/product-releases/2012/11/handle-powders-fines-safely-hygienically?qt-recent_content=0&qt-most_popular=0)

### Links:

[1] <mailto:usa@volkmann.info>

[2] <http://www.volkmannusa.com/>