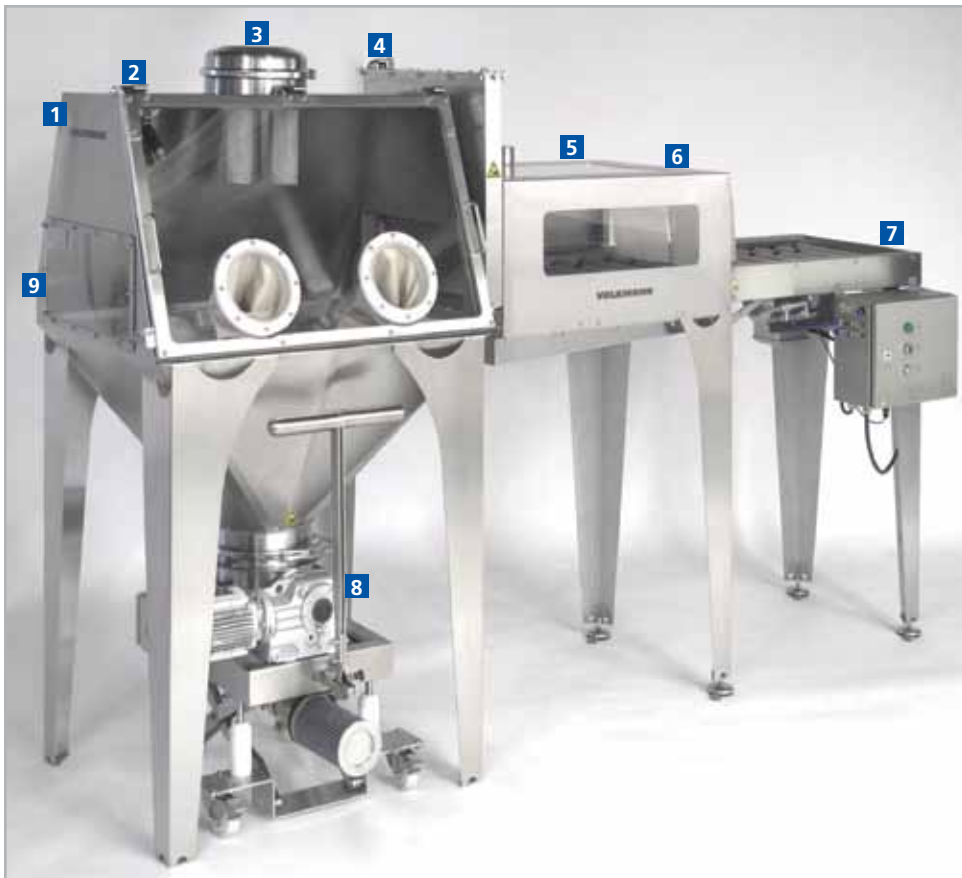


# Rip and Tip Product Unloading Stations

Systems and Solutions for the Hygienic and Safe Handling of Powders



# Rip and Tip Dump Station RNT-CON



- 1 Unloading station / isolator (316L).
- 2 Flushing connection with washing-gun or spray balls.
- 3 Continuous Multijector® dusting and filtration option — prepared for on-site aspiration.
- 4 Optional door lock, operated by foot pedal.
- 5 Optional inlet tunnel, built as a lock with separate aspiration.
- 6 Dust protection; second optional pneumatic door lock.
- 7 Roller conveyor, with optional bag separation, and optional vacuum lifting hoist with extended buffer zone.
- 8 Optional material discharge/lump breaker, with connection for vacuum conveying.
- 9 Modular connection to bring out the emptied bags, either with bag compactor, endless liner, etc.

Volkmann's contained rip and tip dump station (RNT-CON) allows for contamination- and dust-free opening and discharging of high quality, high potency powders and fines from bags, boxes and small containers. This ensures the handling of these products through critical processes remains safe, despite the increasingly demanding production environment.

In addition, the modular design of the RNT-CON feeding station lends itself to flexible production design with various functional units and options to meet processing requirements.

Bags or containers are fed semi-automatically into the isolator via a roller conveyor. They enter a dust-lock section and subsequent negative pressure unloading chamber. Inside the glove box isolator, they are opened manually and discharged into the feeding hopper for transfer by the vacuum conveyor.

Optional lump breakers/crushers and material agitators are available. If required, the closed station can be flushed from within using a hand washing gun or WIP/CIP.

## LUMP BREAKER

Volkmann's lump breakers and material agitators for agglomerates and lumps can easily be docked to the RNT-CON.

They allow for vacuum transport in a closed system free of emissions. Easy to disassemble and clean, they can also be flushed without removal from the RNT-CON.



[www.VolkmannUSA.com](http://www.VolkmannUSA.com)

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