

Powder Transfers into Tablet Press Applications



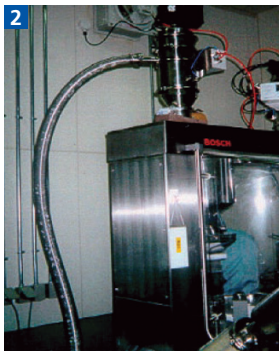
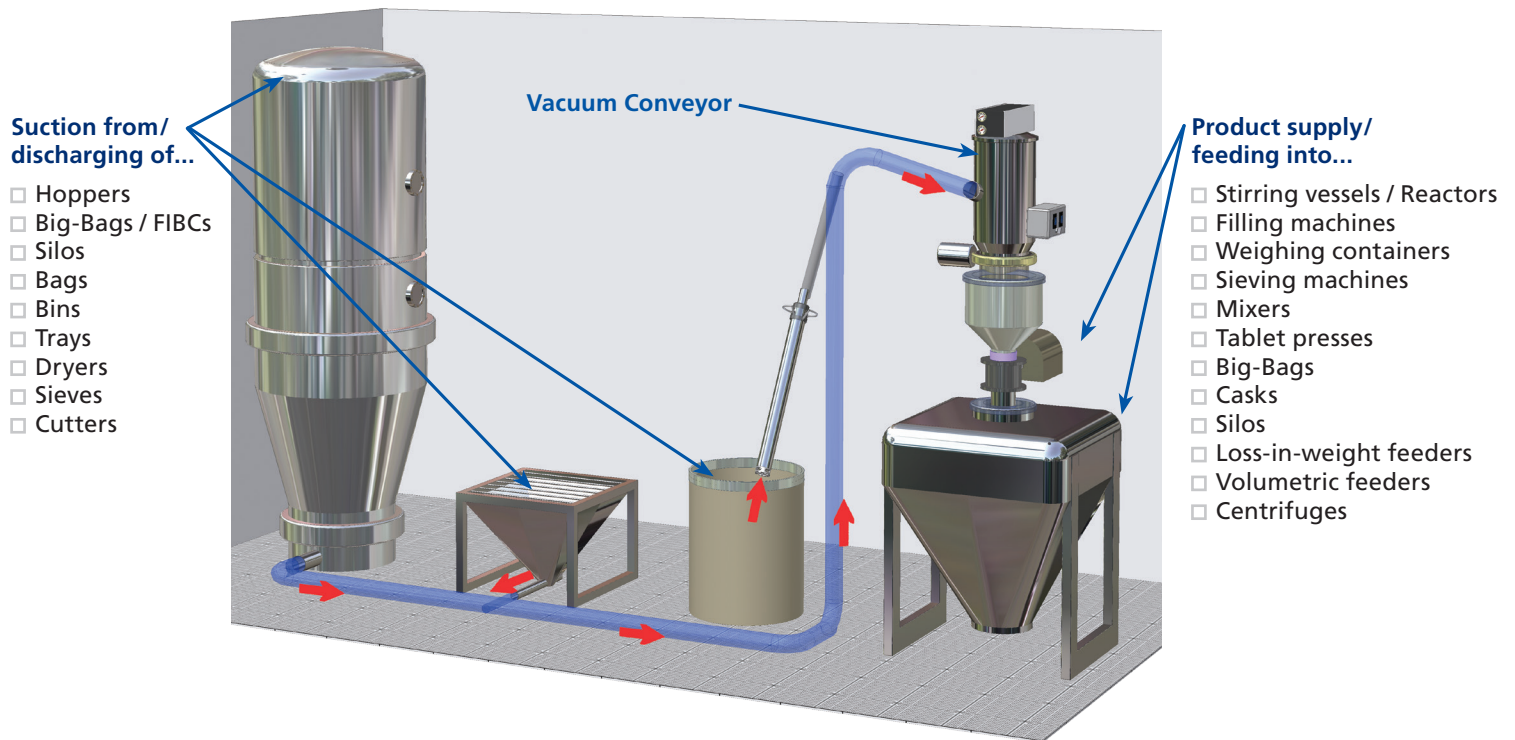
Aspiration, Suction, Transport and Loading/Feeding of Powders, Dusts, Granules, Tablets, Fibers, Capsules, Flakes, Pellets and All Bulk Materials

Vacuum conveyors from Volkmann offer many benefits, including:

- ☐ Gentle vacuum-plug-flow conveying
- ☐ No segregation / separation
- ☐ Hygienic design (FDA, GMP, WIP, CIP)
- ☐ Dust-free POWDER TRANSFER in a closed vacuum system
- ☐ Purely pneumatic – no mechanical friction
- ☐ Fully ATEX certified by German TÜV, free of ignition sources
- ☐ Small, lightweight, silent, easy installation, easy-to-clean
- ☐ Suitable for multiple-purpose transport
- ☐ Mobile installations possible
- ☐ Modular for individual configurations
- ☐ Capacities from 10 kg/h to 8000 kg/h, transporting distances up to 100 m, up to 50 m in height
- ☐ Transfer of ALL kinds of bulk materials, conveying even of difficult powders and bulks
- ☐ Increases health and safety in production plants



VOLKMANN Vacuum Conveyors Inside Pharmaceutical Industries



APPLICATION PICTURES

- 1 Feeding of powder into a tablet press.
- 2 Feeding of a capsule-filling machine with the empty capsules (top left) and the filling-powder (top right).
- 3 Loading of a reactor in a pharmaceutical primary plant.
- 4 Supply of a mixer with Paracetamol powder.
- 5 Vacuum conveyor (top) for the loading of a sieving/milling process and filling of bags.
- 6 Emptying of drums and loading of a mixer (top left) with pharmaceutical powders. The same conveyor is used on a mobile trolley for the discharging of the fluidized-bed dryer (middle) and is loading a drum again (right).

