Transferring

PTS Powder Transfer System ®
Mobile Version

the swiss original

- Unique filtration concept
- Safe handling of large range of powders
- Ideal for toxic, hygroscopic or explosive powders < 1 mJ
- Oxygen exclusion
- ATEX compliant
- Eliminates gravity charging
- Contained
- Optimial safety and hygiene
- Optimizes processes and reduces batch time

Time Saving | No Gravity | Operator Safety | High Containment | Explosion Proof | Easy Cleaning | cGMP | Enhanced Performance

Transferring

PTS Powder Transfer System ®
Mobile Version

The portable PTS Powder Transfer System® allows the operator to charge multiple processes, giving maximum benefit for the investment. It provides all the benefits of the static system but is also easily dismantled for repositioning anywhere in the production unit. The control panel and vacuum pump remain permanently mounted on the trolley, while the PTS can easily be installed on the process equipment to be charged.

This exceptionally effective and reliable method of transferring and dispensing both dry and wet powders and granules uses both vacuum and pressure to move powders as if they were liquid, dispensing with the need for gravity charging, making multi floor processes a requirement of the past. The PTS is a significant enhancement to any process, providing total containment where necessary, but always speeding up production whilst improving safety and hygiene.

The mobile version features various designs depending on process requirements and available space.

Design

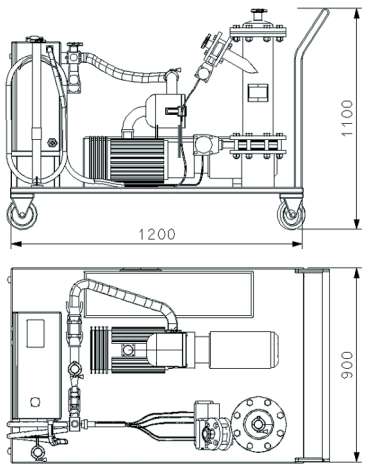
- AISI type 316L stainless steel, electro-polished
- 3 or 6 bars design pressure
- DIN or ANSI flanges

Features

- Compact and space saving
- Control panel, vacuum pump, PTS and suction lance on a trolley
- Flexible and easy to install
- Ready for production in minutes
- Empties or fills all process equipment (including reactors, dryers and centrifuges)
- Transfers all powders (sticky, fine, non-free flowing, hygroscopic, humid, etc.)
- Safe transport of toxic < 1µg/m3 or dust explosive powders < 1mJ
- Charges directly into closed vessels under vacuum or pressure
- Prevents dust creation
- Removes oxygen from powder before entering into the process
- Charges in the presence of solvents
- No product retention
- No particle damages
- Complete containment
- Easy to clean – CIP system
- GMP conforming design, ATEX compliant

Options

- Several adaptations available
- Various materials (HC22, internal coating, plastic, etc.)
- CIP
- Hygienic, sterile unit
- Explosion proof design 10 bars



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