



Emptying · Accessories

Lump Breaker Suction Lance

- Emptying of lumpy or agglomerated products directly out of drums
- Specially designed for operation with the PTS Powder Transfer System
- No need of a drum tipper or additional crusher
- Mobile
- Compact
- Cost effective

Lump Breaker Suction Lance



Working with the PTS Powder Transfer System, the Lump Breaker Suction Lance* is the perfect solution for emptying drums containing lumpy or agglomerated powder eliminating the need of tipping the drum.

A rotary tool moves out of the lance to maximize throughput, then at the end of the process withdraws to protect the liner. Thanks to a pneumatic motor, the system can be installed anywhere and the suction lance can also be used in ATEX zone 1/21. The Powder is sucked directly from the drum whilst smoothly crushing the lumps, leaving its characteristics unchanged. Combined with a lifting device the suction lance can be easily handled.

Design

- AISI type 316L stainless steel, electro-polished
- Compressed air requirement: 5-6 bars
- DN40 and DN50 suction tubes
- Equipment weight: 18 kg

**Patent pending*

Features

- Direct extraction of lumpy or agglomerated powder
- Fully pneumatically driven
- Reduces drum handling
- Dismountable for cleaning
- Low noise emission
- Empties drums of various sizes
- With or without liner
- Dust-free operation
- Powder characteristics unchanged

Options

- Other materials available (Hastelloy, etc.)
- Different couplings available
- Different delumper tools
- Lance length adaptable to the drum
- Different support frames with lifting devices

