

FREWITT 

HANDLING SOLUTIONS

PROFI-CLEAN, PROFI-SWORD, PROFI-LUN & PROFI-BANT



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CARE
ABOUT
MILLING

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HANDLING SOLUTIONS

SUITABLE FOR THE FOLLOWING INDUSTRIES:



Pharmaceutical



Battery



Chemical



Food

PROFI-SWORD



ProFi-Sword is a fluidization system that effectively prevents bridge formation. Dust-proof discharge aided with three rotating blades or "swords" (with different shapes) gently maintains the product in constant movement (fluidization). This module provides good flow behavior and prevents bridge formation. The unit can be used to cover a system, to empty a drier or to discharge powder from a silo in order to achieve the desired powder flow behavior.

BRIEF OVERVIEW

- Contamination of the product is avoided thanks to the secure drive, bearing, and seal concept
- The ProFi-Sword is used in the pharmaceutical, chemical, and food products industries
- The bottom blades are adapted and aligned to the outlet pipe
- Available in ATEX design
- Delivery of heavy powder (bridging, sticking, settling)

TECHNICAL CHARACTERISTICS



Dimensions & weight

Length	710 mm
Width	680 mm
Height	410 mm
Weight	120 kg



ATEX
zone 0/20



Rotor speed
13 - 20 rpm/m



Product density
up to 2 kg/dm³



FDA
certified

PROFI-CLEAN

The ProFi-Clean 90 & 250 are compact de-dusting and filtering devices with automatic blow-back systems. They allow the filtering and separation of powder particles in the extracted air which may occur during the grinding and filling process. The de-dusting filter is cleaned automatically by pressure impulses. This guarantees that the whole cartridge surface area remains clog-free and the powder is blown-back into the product. Offering a unique and compact construction, the stand-alone de-dusting filters are easily integrated in existing and new process plants.



ProFi-Clean 90

TECHNICAL CHARACTERISTICS



Dimensions

Length	244 mm
Width	180 mm
Height	728 mm

EXECUTIONS



Standard

Filtration up to a H13 level, FDA certified

ATEX construction for zones 0/20



Optional

MIE down to > 1 mJ available as option

ProFi-Clean 250



EXECUTIONS



Standard

Filtration up to a H13 level, FDA certified

ATEX construction for zones 0/20



Optional

MIE down to > 1 mJ available as option

TECHNICAL CHARACTERISTICS



Materials

AISI 316/316L - Ra ≤ 0.8 μm Interior

AISI 304/304L - Ra ≤ 1.4 μm Exterior

EPDM/PTFE/Silicone

In product contact, certified FDA

PROFI-LUN 200 & 300

The ProFi-Lun bag holding device is a hand-actuated connection element for the dust-proof filling of containers, it is also used for securely attaching Big Bag filling pipes. This manually-operated connection device can also be used in areas where there is no additional power source such as compressed air or electricity.



EXECUTIONS



Standard

Certified ATEX construction for zones 0/20



Optional

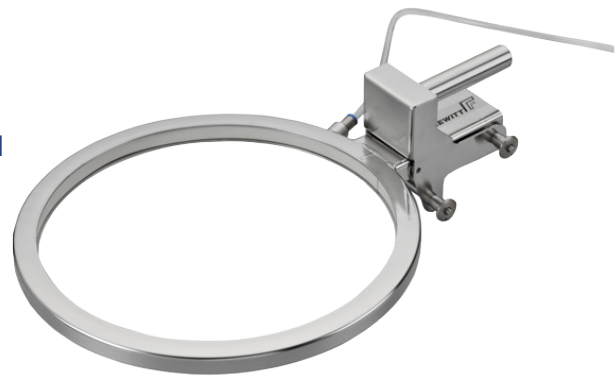
MIE up to 1 mJ for a high level of production safety as option

BRIEF OVERVIEW

- Compact, space-saving, hygienic design
- Stainless steel construction, compliant with ATEX Directive 94/9/EG
- Quick and easy cleaning
- Designed for use in the pharmaceutical, battery, chemical and food product industries

PROFI-BANT 200 & 300

The ProFi-Bant bag holding device is a pneumatically actuated connection element and it is used for the dust-proof filling of paper and polyethylene bags and for securely attaching Big Bag filling pipes. The inflatable radial gasket presses the container around its entire circumference tightly onto the filling pipe. The flexible container can be easily fit into the bag holder by lowering the ProFi-Bant.



EXECUTIONS



Standard

Certified ATEX construction for zones 0/20



Optional

MIE up to 1 mJ for a high level of production safety as option

BRIEF OVERVIEW

- The dust-proof connections prevent contamination of the product
- Operates independently of other power sources such as electricity (all that is needed is compressed air for the inflatable gasket)
- Suitable for filling paper and plastic bags as well as Big Bags
Quick and easy cleaning
- Designed for use in the pharmaceutical, battery, chemical and food product industries



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