



DOSING SOLUTIONS

PROFI-VALVE, PROFI-ACCURATE & PROFI-DOS



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DOSING SOLUTIONS

Our dosing equipment ensures that your product is incorporated into your process in the correct proportions.

SUITABLE FOR THE FOLLOWING INDUSTRIES:



Pharmaceutical



Battery



Chemical



Food

PROFI-VALVE

The ProFi-Valve volumetric cell wheel dosing devices are compact conveyor systems for solid products. The product is gently extracted in precise doses, thus avoiding clogs in the feed line. Available in 3 different versions, there is a ProFi-Valve suited to your needs!

Thanks to their compact construction, our dosing devices can be easily integrated in Frewitt units or into existing process plants.



ProFi-Valve 32



ProFi-Valve 150



ProFi-Valve 80

TECHNICAL CHARACTERISTICS



Material

AISI 316/316L - $Ra \leq 0.8 \mu m$
Interior

AISI 304/304L - $Ra \leq 1.4 \mu m$
Exterior

EPDM/PTFE/Silicone In product contact,
certified FDA

EXECUTIONS



Standard

Easy access and
dismantling

Easy integration into
Frewitt units



Optional

Certified ATEX for
construction for zones 0/20

MIE > 1mJ

Containment up to OEB level
5 (< $1 \mu g/m^3$) available

PROFI-ACCURATE



The ProFi-Accurate dosing valve is a compact system designed for the gentle and precise dosing of solid products, a uniform and clog-free product flow is thus ensured.

Thanks to its compact construction, the stand-alone ProFi-Accurate dosing valve is easily integrated into Frewitt units or into existing process plants. The valve is actuated by a servomotor, which effectively prevents the formation of product bridges in the vibration or oscillation mode. The ProFi-Accurate has a dosing precision of 1g; when integrated into the system, precision is 5-20g.

TECHNICAL CHARACTERISTICS



Dimensions & weight

Length	572.5 mm
Width	424 mm
Height	100 mm

EXECUTIONS



Optional

- Certified ATEX construction for zones 1/21
- MIE > 1mJ for a high level of production safety
- Containment up to OEB level 5 (< 1µg/m3) available

PROFI-DOS



The ProFi-Dos dosing model consists of an operated gate valve. It is ideal for powders that have difficult flowability and tend to form bridges or agglomerates.

ProFi-Dos can be easily integrated into Frewitt or customer installations. The drive element of the valve is a servo-motor which enables precise and even dosing control. Special features include low installation height combined with highly precise dosing. The ProFi-Dos has a dosing precision of 1g; when integrated into the system, precision is 5-20g.

TECHNICAL CHARACTERISTICS



Dimensions & weight

Length	450 mm
Width	450 mm
Height	166 mm
Weight	31 kg

EXECUTIONS



Optional

- Certified ATEX construction for zones 1/21
- MIE > 1mJ for a high level of production safety
- Containment up to OEB level 5 (< 1µg/m3) available

SCREW FEEDER SFS-33



The electrical Frewitt single screw feeder is a compact system designed for the gentle and precise dosing of solid products. A uniform and clog-free product flow is thus ensured.

Thanks to its compact construction, the stand-alone electrical Frewitt single screw feeder is easily integrated into Frewitt units or the customers' existing process plants.

TECHNICAL CHARACTERISTICS



Dimensions & weight

Length	500 mm
Width	160 mm
Height	260 mm
Weight	7 kg

EXECUTIONS



Optional

- Certified ATEX construction for zones 0/20
- Containment up to OEB level 5 (< 1µg/m3) available)

SCREW FEEDER SFD-37



The electrical Frewitt double screw feeder is a compact system designed for the gentle and precise dosing of solid products. A uniform and clog-free product flow is thus ensured.

Thanks to its compact construction, the stand-alone electrical Frewitt double screw feeder is easily integrated into Frewitt units or the customers' existing process plants. Screws are guided on both ends avoiding metal contact and contamination. On the inlet, the screw feeder is equipped with a bridge breaker system for poor-flowing products.

TECHNICAL CHARACTERISTICS



Dimensions & weight

Length	1170 mm
Width	250 mm
Height	335 mm
Weight	65 kg

EXECUTIONS



Optional

- CIP/SIP/WIP
- Certified ATEX construction for zones 0/20
- Containment up to OEB level 5 (< 1µg/m3) available)





WORLDWIDE PRESENCE



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