

The loss-in-weight feeders of the SF series are suitable for dosing free-flowing powders.

The product enters into the hopper manually or through a butterfly valve. A built-in mixer helps to feed the screw so as to avoid problems during the downward movement of the material.

A weighing system with load cell measures any weight variation in real time.

The required throughput is obtained by changing the speed of the screw which is driven by a motor with inverter.

A Siemens PLC controls from 1 to 8 dosing stations.



#### TECHNICAL SPECIFICATIONS:

- Stainless steel structure.
- Driven by a motor with inverter.
- Control board with a S7 200 Siemens PLC.
- Gearmotor-driven mixer.
- Load cell installed in a protection box.
- Adjustable supporting feet.
- Complete with static mixer.
- Also available: Profibus or Ethernet interface.
- 5.7" Siemens touch screen.

#### ADDED VALUE:

- +/- 1% precision on the weight of dosed material.
- Real-time control of the throughput.
- Easy setting of parameters.
- Easy to clean.
- Diagnostics, counters and data tracking.



TECHNICAL DATA		SF250	SF500	SF800	SF1000	SF1500	SF2000	SF2500	SF3500
Minimum-maximum throughput	kg/h	0.1-25	05-70	3-100	30-280	100-850	140-2100	500-4200	1000-8000
Hopper volume	l	6-30	6-30	20-100	20-100	50-300	50-300	110-300	300-1000
Dosing unit motor power	kW	0.18	0.18	0.22	0.22	0.37-0.55	0.37-0.75	0.75	1.1-2.2
Voltage/Frequency	V/Hz	400/50-60							
Noise level	dB(A)	<80	<80	<80	<80	<80	<80	<80	<80