

The loss-in-weight feeders of the SF series are suitable for dosing flowing powders. The product enters into the hopper manually or through the throttle valve, the built-in mixer helps to feed the screw so as to avoid problems during the drop. A weighing system with load cell measures the change in weight in real time. The required throughput is obtained by changing the speed of the screw driven by a motor with inverter. The machine is managed by a Siemens PLC which controls 1 to 8 dosing stations.



TECHNICAL SPECIFICATIONS:

- Stainless steel structure.
- Controlled by a gearmotor with inverter.
- Control board with a PLC Siemens S7 200.
- Mixer controlled by a gearmotor.
- Load cell installed on a protection box.
- Adjustable supporting feet.
- Equipped with a static-type mixer.
- 5.7" Siemens touchscreen.
- Profibus or Ethernet interface available.

ADDED VALUE:

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



TECHNICAL DATA		SF250	SF500	SF800	SF1000	SF1500	SF2000	SF2500	SF3500
Maximum-minimum 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
Motor of feeder 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