



SD 25 Servo | SD 50 Servo | SD 80 Servo

Servo-driven auger feeder for highest performance and dosing precision

- For powdery to fine-grained products
- Cost-effective dosing within a filling volume range from 0.5 to 20 000 cm³
- Maximum weight accuracy due to servo-drive and state-of-the-art electronics
- Technology for absolute dosing accuracy fulfilling FPV requirements
- For gentle product handling and dust-free filling



Always perfectly packed **WOLF**

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Exactly the right feeders for the volumetric dosing of powdery to fine-grained products, which require especially gentle handling and need to be filled in a dust-free manner. Also for free-flowing and sluggish as well as sticky and dust-generating products, such as spices, coffee, baby foods or chemical/pharmaceutical powders.



Product saving via dosing precision and weight accuracy

Being driven by servo motors, the dosers can be used as a separate aggregate for the direct filling into according receptacles. Or they are synchronized with a packaging machine.

A constant product filling level and material pressure ensure maximum dosing accuracy without deviations of the bulk weight. The auger rotation can be adjusted continuously and very precisely, which leads to a high weight accuracy. Product can be saved due to reduced overfilling.

- Maximum proportioning accuracy due to constant product filling level and material pressure, no deviations on proportion rate
- Maximum weight accuracy via servo drive and state-of-the-art electronics, which permit an infinitely variable and extremely precise setting of the number of revolutions of the screw
- Product saving due to reduced overfilling thanks to standard deviations of only +/- 0.5% or less
- Short-term amortization due to considerable product saving
- Separate stirrer drive
- Electronic control
- Aluminium product hopper, split hinged opening with inspection glass for type SD 25 and SD 50 (optionally also available in stainless steel), type SD 80 hopper made of stainless steel as a standard feature, also with inspection glass
- Adjustable number of screw revolutions

Quick amortization due to calculable product saving

Robust and reliable operation

The method of operation of this doser is derived from the principle or the "Archimedean screw". The exact filling volume is determined by the diameter and pitch of the rotating auger located in the filling tube. Depending on the characteristics of the product, different types of augers and closing systems can be used.

The hoppers of all dosers can easily be hinge-opened, which enables quick cleaning when changing products.



SD 80
with horizontal infeed screw



Optional equipment

- Horizontal infeed screw
- Transfer hopper
- Proportioning screws and filling tube shut-off systems according to product specification
- Gassing devices for achieving residual oxygen content of below 1 %
- Frequency controlled version
- Vibrating units
- Feedback control

The compact design fulfills highest hygiene requirements.

Future-compliant conception with long life expectancy

Wolf form, fill and seal packaging machines offer a high investment security, based on clear principles:

- Observance of strict quality standards for material and processing
- Minimization of the number of technical components due to a modular machine structure
- Innovative design and up-to-date technology, which enables easy retrofitting
- Qualified maintenance, fast service

The result: more efficiency on a narrow space and higher availability for a long life cycle.

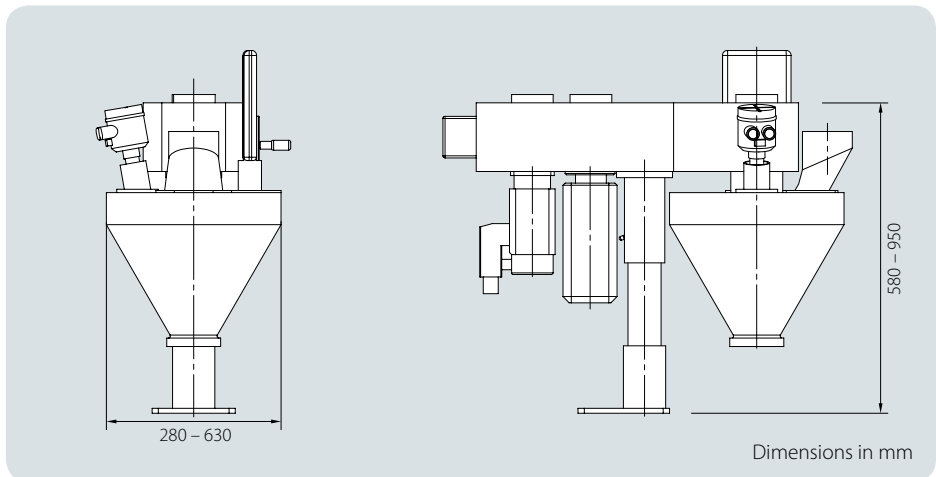
Top quality accessory units and peripheral devices

Dosers, weighers, automatic film splicers, infeed and inserting modules as well as rotary tables complete our programme of vertical, horizontal and top closing packaging machines. For more efficiency all along the line.

Leader in technology.
With the experience
of more than 2000
applications worldwide.

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Technical Data Overview



	SD 25 Servo	SD 50 Servo	SD 80 Servo
Machine height*	580 – 700 mm	700 – 820 mm	900 – 950 mm
Machine width	280 mm	500 mm	630 mm
Machine depth	850 mm	950 mm	1327 mm
Filling volume	0.5 – 500 cm ³	0.5 – 1000 cm ³	20 – 20 000 cm ³
Hopper volume	5 litres	25 litres	50 litres
Dosing rate*	max. 160 cycles/min	max. 160 cycles/min	max. 160 cycles/min
Auger positioning	0.05°	0.05°	0.05°
Auger diameter	up to max. 35 mm	up to 54 mm	up to 100 mm
Energy requirement	1.5 kW	2.5 kW	3.72 kW
Mains connection	230/400 V, 3 Ph., N, 50/60 Hz	230/400 V, 3 Ph., N, 50/60 Hz	230/400 V, 3 Ph., N, 50/60 Hz
Type of protection	IP 54	IP 54	IP 54
Weight	65 kg	130 kg	220 kg
Colour	RAL 1013/9007	RAL 1013/9007	RAL 1013/9007

* depending on product

Subject to technical modifications

From engineering to operation, from the silo to the palletizer – we offer intelligent and complete solutions for efficient packaging lines from one source.

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