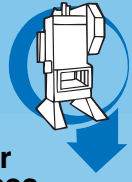


# Servo Roll Feed series RF



Press lines



Power Presses



Coil-handling



Nibbler



Ancillary



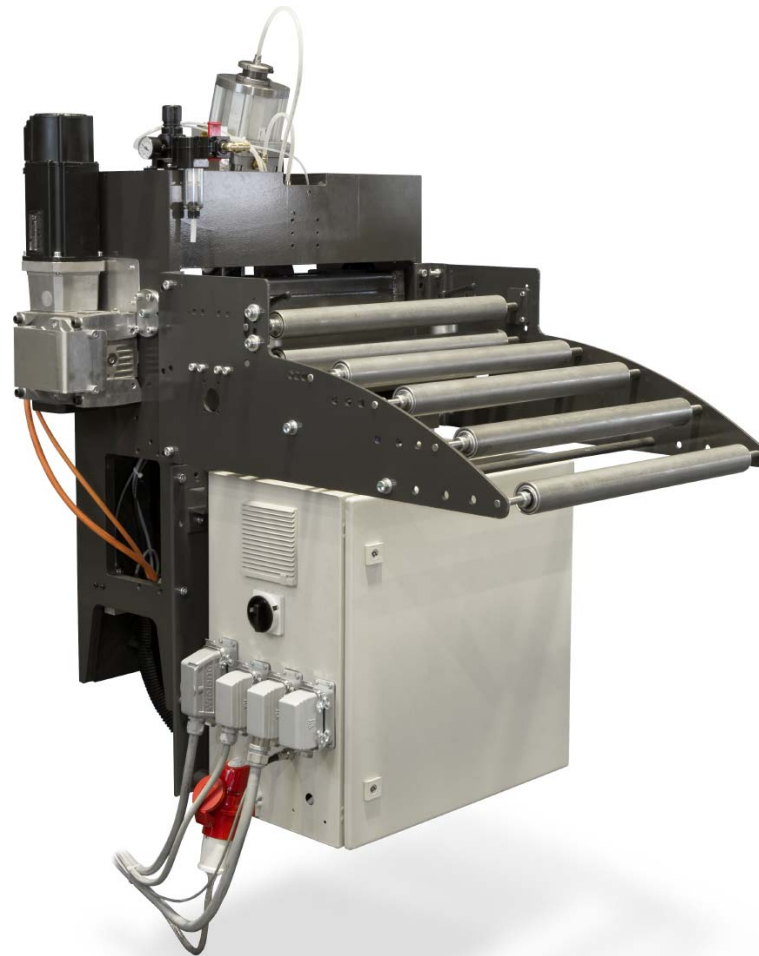
Service



Automation



Education



## SMV Servo Roll Feed series RF

The servo roll feed is designed to meet high demands on performance and automation. The frame is a very stable construction which results in high stability and accurate feeding at high speed.

The bottom feed roll is driven directly from a servo motor package. The top feed roll is driven by the bottom feed roll through a drive belt transmission. This will ensure there will be no back lash no matter how much the top feed roll is opened.

Pneumatic pilot release is fitted as standard, the roller lift can be adjusted to give the minimum lift required to attain the high speed required and reduce the amount of air. The roll pressure is pneumatic and can be adjusted to allow different pressures for different types of material and different thickness.

The control system is available in different levels depending upon the type of automation required. The servo roll feed can easily be integrated with an existing press.

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**SMV Industrier**



## SMVs Servo Roll Feed includes the following equipment

- Feeding rolls driven by the servo motor
- Adjustable roll pressure
- Adjustable height of roll lift
- Fixed height eligible within 150 mm and 4 fixed steps with interval 40 mm
- Mounting plate
- Material ingoing support rolls, adjustable in 4 different radius of curvature
- Guides, individually adjustable
- Inlet roller guide
- To feed; left to right
- Standard colour grey IT-90 NCS8000
- 2 manuals

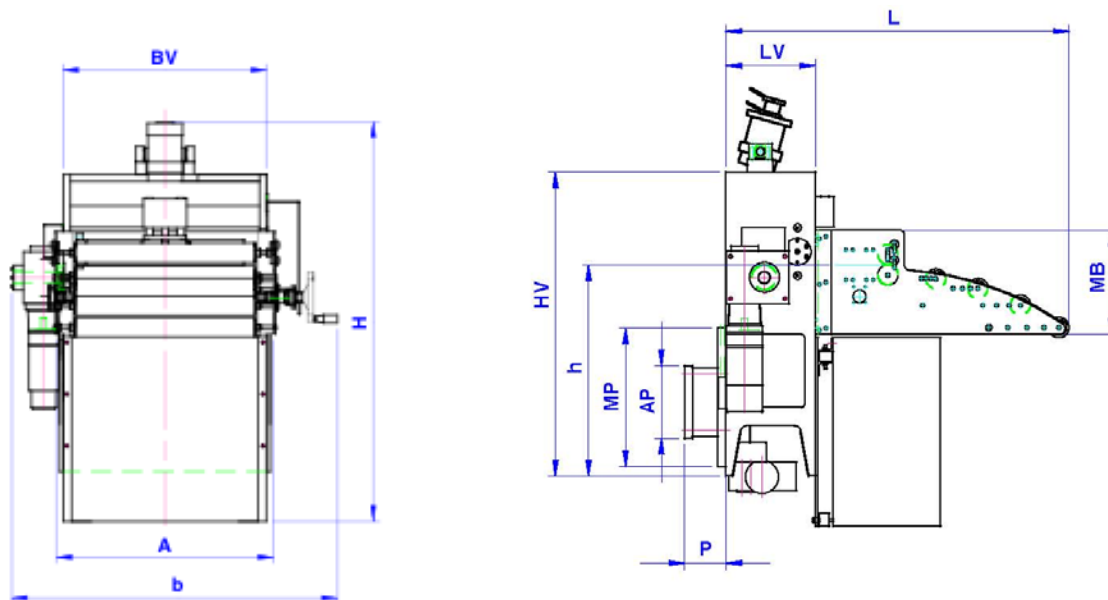
## Control system

The control system is available in different levels depending upon the type of automation required. See separate productsheet.

## Options

Optional equipment for the Servo Roll Feed on a separate Optionlist.

Technical Data		RF300	RF500	RF800
Width of material max	mm	300	500	800
Thickness of material max	mm	6	6	6
Square area Servo size 1, standard	mm <sup>2</sup>	1800	1800	1800
Feed length	mm	0,1-9999.99	0,1-9999.99	0,1-9999.99
Accuracy	mm	+/- 0,05	+/- 0,05	+/- 0,05
Diameter of the rolls	mm	80	80	80
Speed max	m/min	94	94	94
Weight	kg	400	550	700



The Servo Roll Feed RF800 is equipped with two cylinders.

Dimensions	Bmax	L	H	b	A	BV	LV	HV	h	MB	P	AP	MP
RF300	300	1090	1294	850	500	456	285	965	670	330	130	230	440
RF500	500	1090	1294	1050	700	656	285	965	670	330	130	230	440
RF800	800	1090	1294	1350	1000	956	285	965	670	330	130	350	450