

# R/RM-series.

## Vertical form fill and seal machines



This machine is ideally suited for packaging bulk and free-flowing products of all kind. It continuously forms, fills and seals up to 250 bags per minute.

### Function.

- > The products reach the packaging area via individually selectable feeding, weighing and dosing systems
- > Via the reel carrier, the film is continuously fed from the flat reel to the forming tube
- > The forming shoulder forms the bags
- > The forming tube serves to fill the products into the bags
- > The filled bags are closed and cut-off

### Safe.

- > Complete electronic monitoring of all motion parameters
- > Easy operation, multilingual colour touch screen
- > Operational data collection and remote diagnosis available

### Flexible.

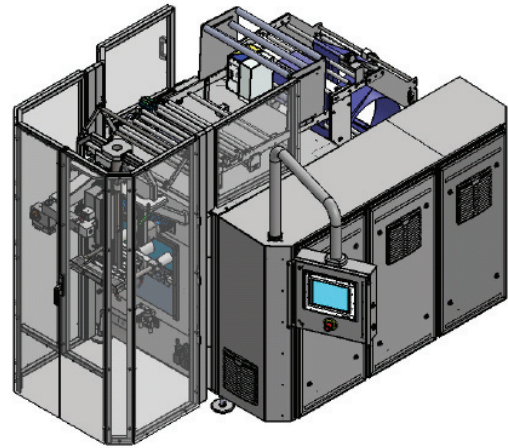
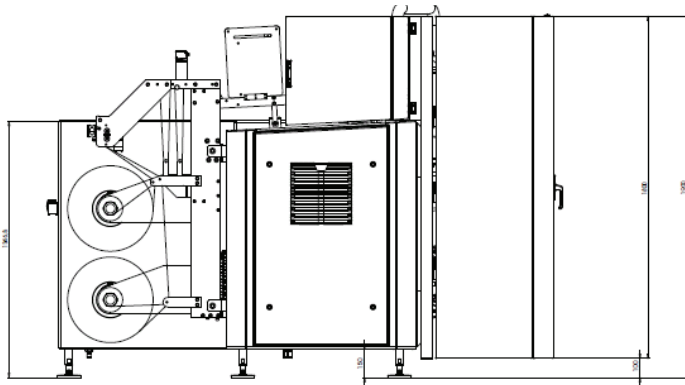
- > Freely programmable cross sealing tools
- > Individually adjustable sealing and welding times
- > All usual films can be processed

### Efficient.

- > High output due to combination of vertical and horizontal motion of the cross sealing tools
- > Long service life due to maintenance-free servo drives
- > Short cleaning times and quick change-over to other products
- > Various bag styles due to easily exchangeable size parts

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### Technical data:

All indications are depending on product, dosing, film, production and ambient conditions. Technical modifications are subject to change.

Type	Machine height	Machine width	Machine length	Max. output
R/RM-170	1.900 mm	1.580 mm	2.550 mm	250 bags/min.
R/RM-270	1.970 mm	1.580 mm	2.550 mm	200 bags/min.
R/RM-350	2.429 mm	1.735 mm	2.775 mm	120 bags/min.

Type	Bag width	Bag length	Bag volume	Film width
R/RM-170	50 - 170 mm	80 - 250 mm	max. 1.200 cm <sup>3</sup>	max. 400 mm
R/RM-270	50 - 270 mm	80 - 350 mm	max. 3.600 cm <sup>3</sup>	max. 600 mm
R/RM-350	100 - 350 (380) mm	100 - 550 mm	max. 10.000 cm <sup>3</sup>	max. 800 mm

#### Connected load:

9 kW (Heat-sealing)  
11 kW (PE-welding)

#### Compressed air supply:

6 bar

#### Noise level:

< 80 dbA

#### Power supply:

230/400 V, 3 Ph, N, PE,  
50/60 Hz

#### Protection:

IP 54/65

#### Storage:

100 recipes (upgradeable)

#### Control:

Industrial PC with colour touch-screen, integrated error diagnosis and statistic programmes

### Additional equipment:

- > Film power unwind
- > Film edge control
- > Film cutting and taping device
- > Four-edge sealing unit (on rectangular or round tube)
- > Edge profiling
- > System for producing bags with off-set vertical seam
- > Vacuum supported draw down system
- > Hole punching unit
- > Device for producing bag-chains with tear-off perforation
- > Execution in stainless steel
- > Operation panel in swivel design
- > Space saving design with integrated, extractable control cabinet (compact)
- > Duplex- design of machine
- > Size parts for bag stripping function
- > Printing systems
- > Systems for protective gas flushing
- > Execution for wet and low temperature environments
- > Identification of splices
- > Applicator for aroma-protection/degassing valves

