



## Volumetric Dosing and Mixing System VOLMIX M/M9-2000

### Application

The VOLMIX M/M9-2000 dosing and mixing system is used in the plastics processing industry for supplying injection moulding machines and extruders in the medium and high throughput ranges with multi-component mixtures that are prepared job-specifically. With this system, all free-flowing bulk materials such as pellets, gravel, regrind or film chips can be dosed and mixed.

### Features

- Volumetric, continuously operating dosing and mixing system
- Main component supplied in free flow or by means of a dosing station
- Maximum of 8 dosing stations for the addition of auxiliary components
- Simultaneous dosing of all formula components
- 10 interchangeable dosing screws for different throughput ranges (from 0.3 to 2.500 kg/h)
- Easy and quick cleaning when changing formula
- Can be converted to a gravimetric system, if required
- Operator-friendly micro-processor control unit with:
  - open control system
  - profibus interface
  - integrated control of a vacuum conveying system

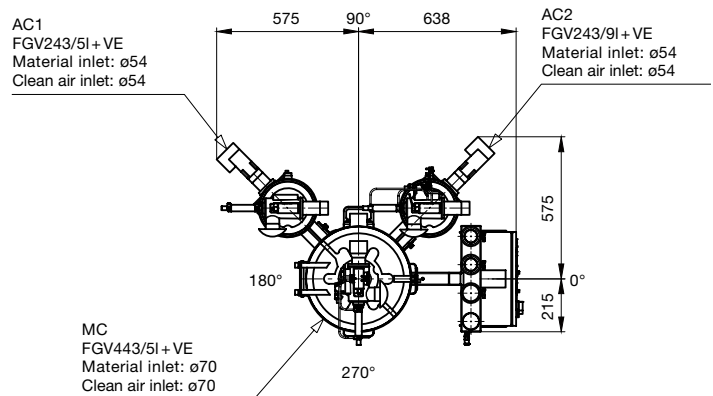
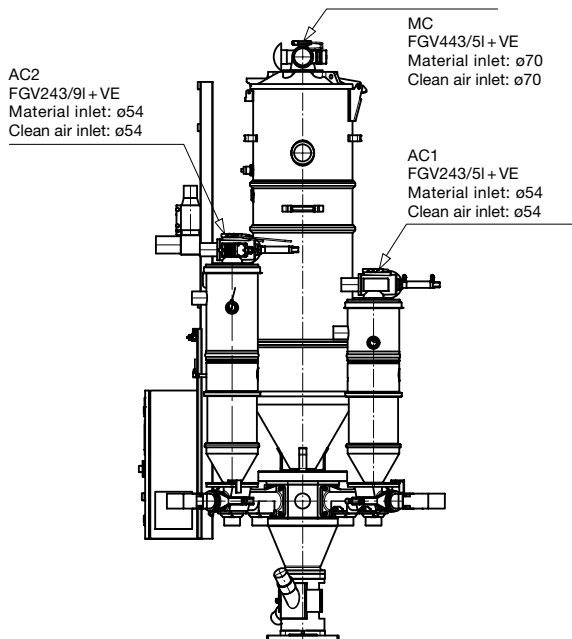
### Options

- high-temperature version
- clean-room version
- manual or automatic feeding of the dosing stations
- dosing station for regrind
- remote maintenance

# SOMOS® VOLMIX M/M9-2000

ProTec Polymer  
Processing

## Technical Data



Maximum throughput	kg/h	2,500
Dosing accuracy <sup>1</sup>	%	< 2.0
Reduction hopper		
Diameter	mm	200, 315, 400, 600
Net volume	l	4, 10, 22, 50
Material		
Reduction hopper		Stainless steel
Inlet pipe		Stainless steel
Mixing support		Aluminium cast alloy, acrylic glass
Dosing motors		
Speed range		1:100

Power supply		3N/PE/AC50/60Hz/400V
Operating conditions		
Temp. of bulk material <sup>2</sup>	°C	max. 80
Ambient temperature	°C	5 to 45
Relative air humidity	%	< 80
Weight <sup>3</sup>	kg	max. 180

<sup>1</sup> based on the set throughput

<sup>2</sup> up to 160 °C when using high-temperature version

<sup>3</sup> dependent on version and number of dosing stations

Are you interested in receiving additional information?  
Then feel free to call us.

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