

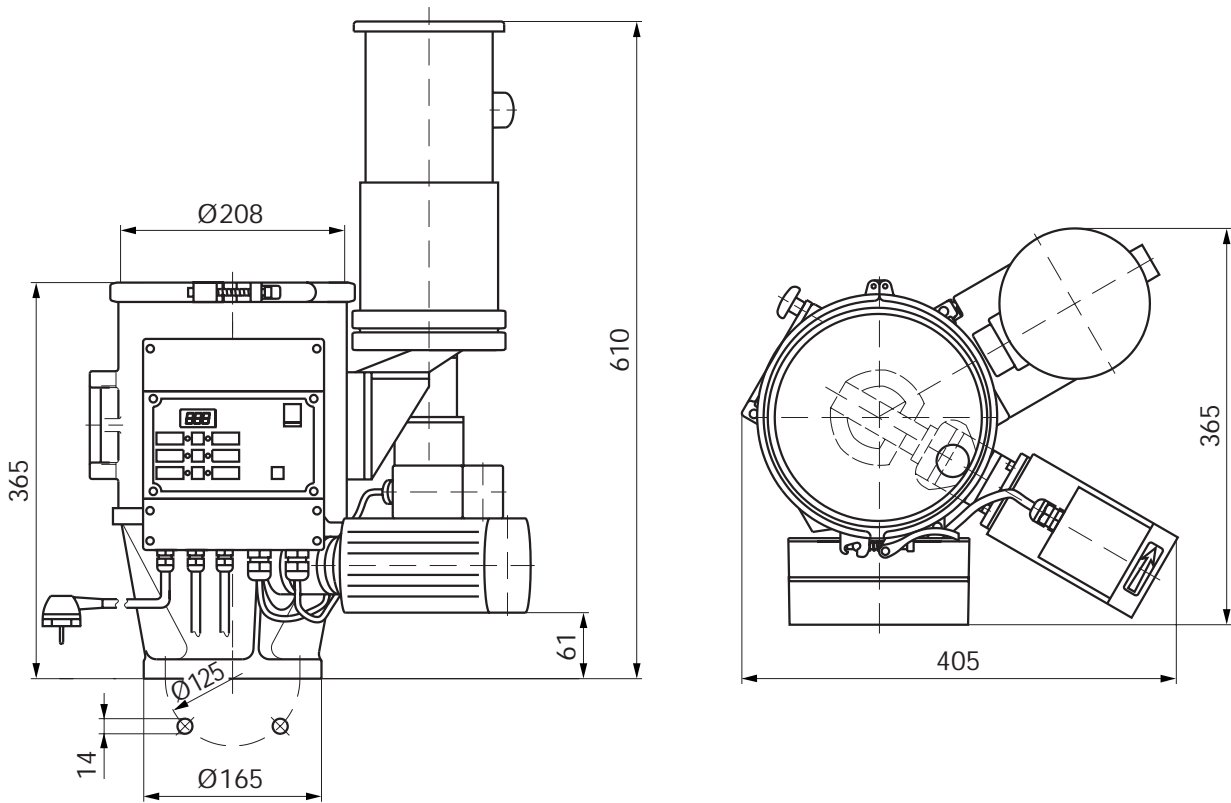
Dosing and Mixing Unit EFG 50 LC

Application

The volumetrically operating Dosing and Mixing Unit EFG 50 LC is used to add quasicontinuously a granulated auxiliary component (masterbatch, additive) to the

granulated main component supplied in free flow (virgin, regrind or recycled) and to mix both homogeneously.

Technical data



• Throughput	kg/h	max. 50
• Shot weight	g	max. 200
• Percentage of aux. component		
– Dosing disc Z 0.5	%	max. 2.5
– Dosing disc Z 1	%	max. 5.0
– Dosing disc Z 15	%	max. 30.0
• Mixing hopper		
– Material		aluminium
– Net volume	l	2.0
• Storage hopper		
– Material		aluminium/PA
– Net volume	l	2.3
• Power supply ¹⁾		1 N PE AC 50 Hz 230 V

• Nominal power			
– Mixer motor	W		60
– Dosing motor	W		20
– Controller	W		10
• Microprocessor controller			
– Formulations to store			max. 25
– Enclosure			IP 54
• Paint			RAL 5018
• Noise emissions	dB (A)		< 70
• Weight	kg		20
• Operating conditions			
– Temp. of bulk material	°C		max. 90
– Ambient temperature	°C		0 – 50
– Relative air humidity	%		< 80

¹⁾ connecting cable of 5 m with earthing-contact type plug

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Dosing and Mixing Unit EFG 50 LC



- Modular and compact design
- Machine-dependent unit
- Main component supplied in free flow, auxiliary component dosed
- Also for use on injection moulding machines and extruders
- Dosing range extended by using interchangeable dosing discs with various chamber sizes
- Operator-friendly microprocessor controller
 - configuration
 - parameterization
 - management of formulations
 - sampling
 - control of the dosing and mixing operations
 - control of a feed station
 - display of operating status
- Simple cleaning and maintenance
- Options:
 - feed station for the supply of the main component or blower attachment for the supply of the auxiliary component
 - level switch installed in the storage hopper for the auxiliary component

