

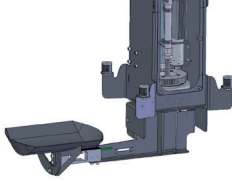
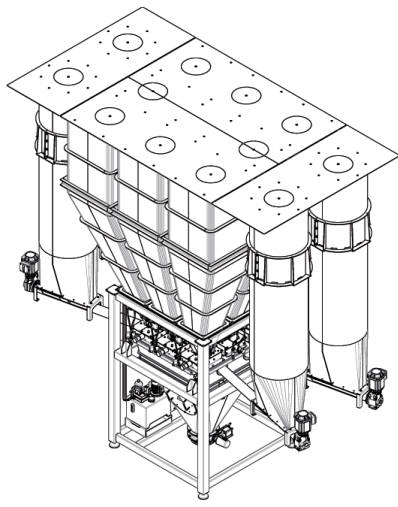


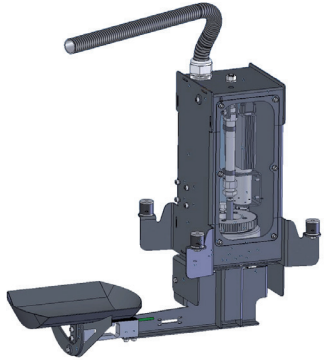


Datasheet Goods Category - Ingredient Dosing

	Small Ingredient Dosing	Micro Ingredient Dosing	Precision Ingredient Dosing
			
Principle / Purpose	Max 200 kg	Max 50 kg	Max 1 kg
	<ul style="list-style-type: none"> • Very accurate dosing with slide openings operating in sequence for fine and course dosing • Short dosing time • First-in-first-out principle by silo design in combination with slides. • Dosing by means of hydraulic operated slides resulting in gentle product handling and no product damage • Minimum contamination of the product • Vitamins, minerals and additives can be dosed with high accuracy for premix/concentrate production or direct mixing into finished feed • Integrated electrical control panel with reusable data • Operating in 'slave'-function to the feed mill automation • Compact design • Durable construction 		<ul style="list-style-type: none"> • As option integrated within a MID unit • For existing or new MID units • Suitable for very small quantities of ingredients
Slides	<ul style="list-style-type: none"> • Rectangular shaped openings • Slides in stainless steel 	<ul style="list-style-type: none"> • V-shaped openings • Slides in stainless steel 	n.a.
Stirring device (optional)	Stirring device in product hopper	Stirring device in product hopper	n.a.
Silos (optional)	<ul style="list-style-type: none"> • Number of standard silos = 8 • Variable volume, with a maximum, depending on the silo height 		n.a.
Silo extension for new or existing Dosing Units	<ul style="list-style-type: none"> • Up to 4 extra silos • Dosing by means of screw-conveyor • Larger silo volumes • For products less affected by product handling in screw-conveyor 		
Material	All parts that come in contact with product are made of stainless steel.		
Installed power	Total installed power is only 1.2 kW		

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Dimensions	Length & Width = 1600 mm Height = 2100 mm Height with silo extension = 2250 mm	Length & Width = 1600 mm Height = 2100 mm	n.a.
Volume weighing hopper	0.5 m ³	0.2 m ³	n.a.
Discharge outlet	<ul style="list-style-type: none"> • 300 mm • 2 butterfly valves under the weighing hopper • Pneumatic beater on the weighing hopper 		n.a.
Number of load cells	3	3	1
Loading cell accuracy	0.04 %	0.02 %	0.02 %
Maximum batch weight	75 kg 100 kg 200 kg	20 kg 50 kg	1 kg
Smallest component	1500 g 2000 g 4000 g	500 g 1000 g	50 g
Weight increments on display	20 g 20 g 50 g	10 g 20 g	1 g
Weight accuracy*	35 g 35 g 52 g	10 g 17 g	1 g
Mechanical dosing accuracy**	Triple rectangular-shaped openings in slide = 10 g Screw-conveyor (Ø 100) = 80 g Screw-conveyor (Ø 80) = 50 g	Triple v-shaped openings in slide = 5 g Screw-conveyor (Ø 100) = 80 g Screw-conveyor (Ø 80) = 50 g	Triple v-shaped openings in slide = 2 g Screw-conveyor (Ø 100) = 80 g Screw-conveyor (Ø 80) = 50 g

* Weight accuracy (system) is the maximum deviation from the real value of the weight. This depends on the type of load cell used.

** Mechanical dosing accuracy describes the maximum feasible accuracy done by the dosing slides or screw-conveyor.