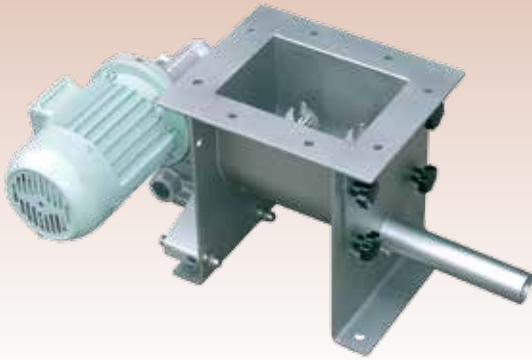


Pasta Processing Plant

Micro-Batch Feeders MBF

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Description ▼

The MBF Micro-Batch Feeder for continuous volumetric feeding of powdery or granular materials consists of a casing entirely manufactured from stainless steel, a horizontally mounted rotating agitator tool, a feeder screw beneath the agitator tool, a feeder pipe enclosing the protruding feeder screw, one drive unit each for agitator and feeder screw.

Function ▼

MBF Micro-Batch Feeders for feeding of powdery and granular materials are particularly suitable for poorly flowing materials which tend to clog, along with adhesive products. Fed through a bag opening hopper, a bulk bag discharger, or another feeding device, the agitator tool manages to keep the material flowing, reducing at the same time the possibility of formation of lumps or bridges. The size of the material particles is of utmost importance when choosing the type of feeder screw. Poorly flowing materials with cohesion or bridging problems are homogeneously fed into the feeding zone by the blending or agitator shaft which is shaped according to the product properties. Depending on the user's individual requirements, the MBF Micro-Batch Feeder can be supplied with alternative feeder screws and blending tools and with various accessories.



Application ▼

MBF, which come in various configurations, in pasta processing plants are suitable for feeding granules or powders. Design flexibility enables feeding of flour, gluten, vitamins, spinach flour, tomato flour, semolina, and micro-toxin-free wheat. Typical areas of application are production lines for enriched flours or for formulation of flours for special application lines. Typical positions within the plant are on weighing scales for loss-in-weight installations next to the mixer. Furthermore, they are installed in dosing stations on top of weighing scales upstream of the mixer.

Benefits ▼

- ✓ Easy and quick internal cleaning thanks to quick access inspection panel;
- ✓ Feeding of different additives with the same feeder thanks to interchangeability of components;
- ✓ Small number of parts makes maintenance easy and quick;
- ✓ Independent drives for agitator and feeder tool leave all options open in terms of drive power and tool speed;
- ✓ Maximum safety for OEM and user thanks to ATEX-certification;
- ✓ High degree of homogeneity of material fed thanks to blending/agitating tool;
- ✓ Easy integration into the plant;
- ✓ Process reliability thanks to back-up through WAMGROUP® test labs.

Pasta Processing Plant

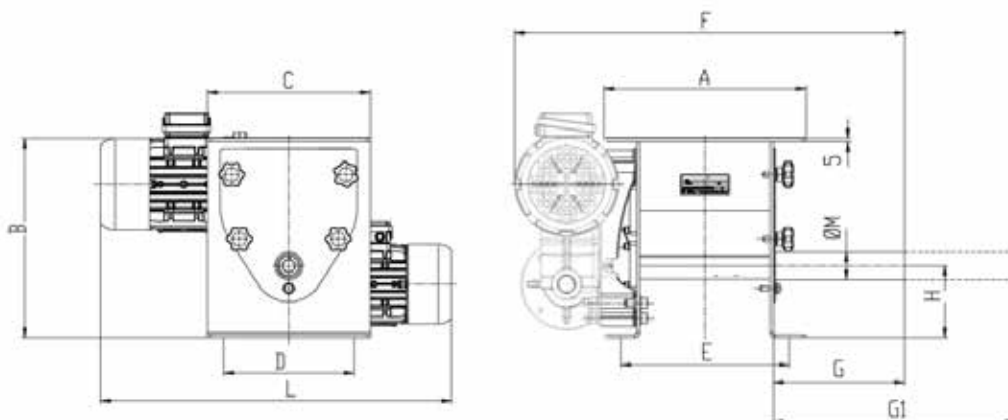
Micro-Batch Feeders MBF



Technical Features / Performance ▼

- ▶ Wide range of interchangeable machine components
- ▶ Suitable for powders, granules, fibres, flakes or ground materials
- ▶ Compact design, small footprint
- ▶ 3 sizes available with feed rates ranging from 3 dm³/h to 4,000 dm³/h
- ▶ Agitator and feeder tool with independent drives
- ▶ Internal geometry guarantees smooth feeding of particularly difficult materials
- ▶ No residue nests
- ▶ Quick-access inspection panel
- ▶ Contact surfaces in 304 SS (316 SS option)
- ▶ Shaft seals with grease lubrication system

Overall Dimensions ▼



MBF	A	B	C	D	E	F	G	G1	H	L	M	N	dm ³	kg
042	310	295	250	200	260	595	200	370	100	535	42	12.5	5	40
073	464	486	390	305	410	855	250	500	135	600	76	12.5	28	105
114	464	486	390	305	410	855	250	500	135	600	114	12.5	35	110

Dimensions in mm