

FGB 5

The GRAVIMIX dosing/blending system FGB 5 has been developed for the efficient dosing of free-flowing thermoplastic materials. Ferlin has used ease of use and continuity as key principles during the development of the GRAVIMIX. This makes the machine extremely reliable and easy to clean.

Ferlin

PLASTICS AUTOMATION



○ EXTRUSION

○ INJECTION
MOULDING

○ BLOW
MOULDING

FGB 5

FEATURES

- Maximum capacity 950 kg/h depending of number of components and materials
- Various options
- Compact and solid

DELIVERY OPTIONS

- 2 to 6 components
- Re grind execution
- ionization
- Sensor cleaning
- Low-level sensors in funnels
- MOVAC hopper loaders
- Frame with suction box
- Handheld plug-in control
- Advanced touchscreen PC operation
- FerlinBridge Smart Industry
- Customized solutions

BENEFITS

- Insight and control
- very accurate dosage
- Saving of additives
- Very reliable
- Different versions
- Easy cleaning
- Dutch product

INSTALLATION OPPORTUNITIES

- Immediately on feed throat of a processing machine
- On a frame with integrated container next to the processing machine
- With or without frame and material control valve on a central location
- If the system is not directly on the feed throat it should be provided with an additional level control valve beneath the mixing chamber

*FGB 5 executed with two detachable funnels, frame and suction box.

INSIGHT AND CONTROL

The system weighs very accurate and indicates the weight of each component in 0,1 or 0,01 gram, depending on the type of control. In addition, the GRAVIMIX FGB 5 can be expanded with the FerlinBridge, thus linking all consumption data in, for example, a MES system. This gives you insight and control of material consumption during the production process. More information about this can be found in the FerlinBridge brochure.

IMPLEMENTATIONS AND SOLUTIONS

Due to the modular construction of the FGB 5 series there are multiple versions possible, with a maximum of 6 hoppers with dosage valves. All parts that come into contact with the material are made of stainless steel. It is possible to expand the FGB 5 with our MOVAC conveying system, which has the same characteristics. This provides you with a complete solution.

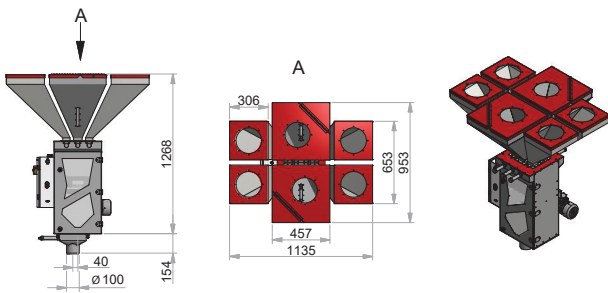
ECONOMIC AND USER FRIENDLY

The mixing chamber is designed in such a way that it is one single piece, which enables you to clean the machine easily and quickly. This cleaning process is done without the use of tools. Cleaning is also possible with the remaining material still in the mixing chamber. Optional easy, removable hoppers enable you to make quick changes of material.

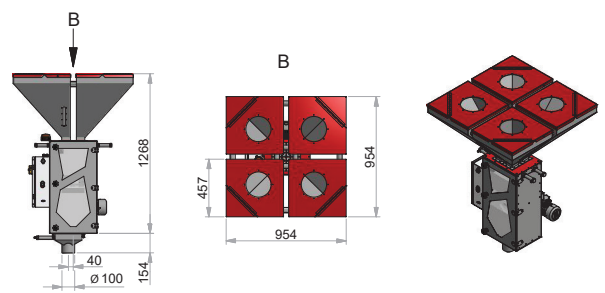


A selection of our collection:

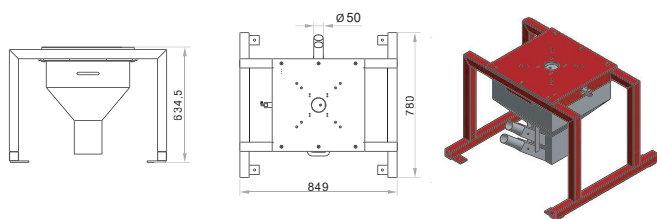
GRAVIMIX FGB 5 with 6 hoppers



GRAVIMIX FGB 5 with 4 hoppers



Frame for FGB 5 with suction box



In order to provide you with the best possible solution we encourage our customers to contact us. Together we can design the perfect process to convey, dose and dry granules. Please call us to make an appointment.

Call +31 523 613 439

www.ferlin.nl

SMART PROCESS SOLUTIONS
FROM SILO TO
FEED THROAT

OUR BROCHURES

- Corporate brochure
- GRAVIMIX FGB MECS and FLECS
- GRAVIMIX FGB 5
- GRAVIMIX FGB 10 and 25
- MOVAC Transport System
- FGB Controls
- FerlinBridge



For more information visit:

ferlin.nl



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