

FGB MECS EN FLECS

We have developed the GRAVIMIX Easy Clean System for efficient and accurate dosing of dry and free flowing thermoplastic materials. The emphasis here is on the fast switching of materials. Therefore we designed and developed a simple cleaning system which enables you to clean your machine without the use of tools. This makes the machine extremely user-friendly and developed with ease of use in mind.

Ferlin

PLASTICS AUTOMATION



○ EXTRUSION

○ INJECTION
MOULDING

○ BLOW
MOULDING

FGB MECS EN FLECS

FEATURES

- Maximum capacity MECS 50 kg/h, FLECS 200kg/h. Depending on number of components and type of materials.
- Various options
- Compact and solid
- Removable hoppers

DELIVERY OPTIONS

- FLECS: 2 to 6 components
- MECS: 4 components
- Regrind execution
- Ionization
- Sensor cleaning
- Low-level sensors in hoppers
- MOVAC hopper loaders
- Frame with suction box
- Handheld plug-in control
- Advanced touchscreen PC operation
- FerlinBridge Smart Industry

BENEFITS

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

INSTALLATION OPPORTUNITIES

- Mounted on the 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 platform
- If the system is not directly on the feed throat, it must be executed with an extra level control valve underneath the mixing chamber.

INSIGHT AND CONTROL

Due to the constant dosing accuracy the percentage of additives can be reduced to a minimum without compromising on quality of the final product. In addition, the MECS and FLECS can be expanded with the FerlinBridge, Thus linking all consumption data in, for example, a MES system or SQL database. This gives you, insight and control over material consumption during the production process. More information about this can be found in the FerlinBridge brochure.

IMPLEMENTATIONS AND SOLUTIONS

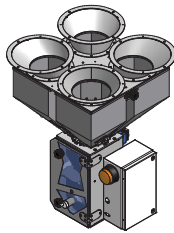
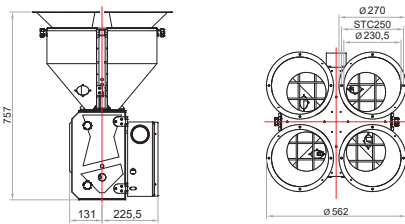
The FGB MECS and FLECS are able to dose up to 4-6 components. The units are entirely made of stainless steel and removable hoppers are standard. The newly designed vertical dosage valves make sure that dosing is still as accurate as you'd expect. The unique mixing chamber with integrated mixer is easily detachable. Besides, it is possible to expand this machine with our MOVAC conveying system, developed with the same key principles as our GRAVIMIX in order to provide our customers with a complete solution.

ECONOMIC AND USER FRIENDLY

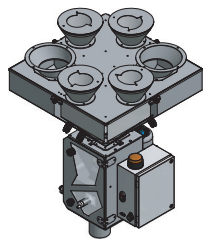
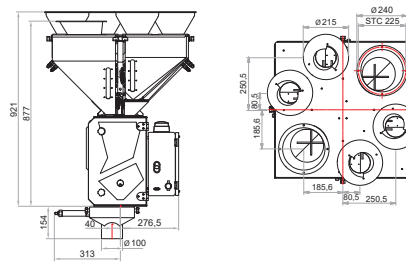
With the Easy Clean System it is no longer required to disassemble the hopper loaders before removing the hopper of the GRAVIMIX, this is possible without the use of tools. Ideally suited to production sites where materials are regularly changed. The level sensor is placed outside of the mixing chamber and controls the entire cycle. One of the many reasons why the MECS and FLECS are able to provide our customers with a reduction of additive usage.



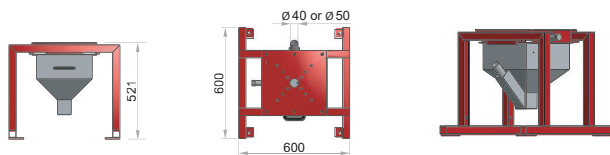
GRAVIMIX FGB MECS with 4 hoppers



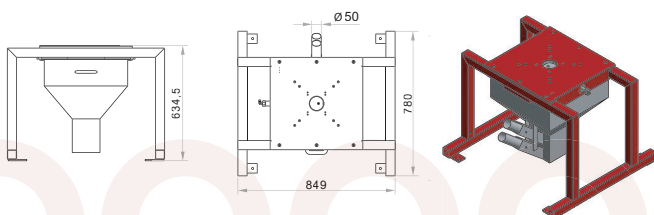
GRAVIMIX FGB FLECS with 6 hoppers



Frame for FGB MECS with suction box



Frame for FGB FLECS 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:



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