

## FGB 10 and FGB 25

The GRAVIMIX dosing/blending systems FGB 10 and FGB 25 have been developed for the efficient dosing of free-flowing thermoplastic materials. The FGB 10 is a machine with a medium capacity and the FGB 25 has a high capacity. Both are especially suitable for machines requiring a constant and high quality flow of 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 10 AND 25

### DELIVERY OPTIONS

- 2 to 8 components
- Re grind execution
- ionization
- Low-level sensors in hoppers.
- Frame with suction box
- MOVAC hopper loaders
- Handheld plug-in control
- Industrial touchscreen control
- FerlinBridge
- Customized solutions

### BENEFITS

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

### INSTALLATION OPPORTUNITIES

- On a frame with integrated container next to the processing machine
- With or without frame and material control valve on a central location

## INSIGHT AND CONTROL

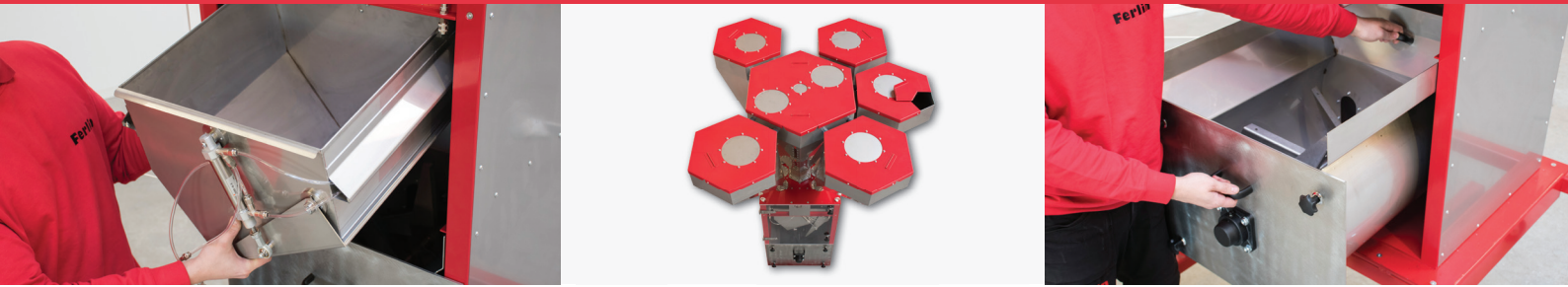
The system weighs very accurate and indicates the weight of each component in 0.1 or 1 gram, depending on the type of control. In addition, the GRAVIMIX FGB 10 and FGB 25 can be expanded with the FerlinBridge, thus linking all consumption data in, for example, a MES system or SQL database. This gives you, insight and control of material consumption during the production process. More information about this can be found in the FerlinBridge brochure.

## IMPLEMENTATIONS AND SOLUTIONS

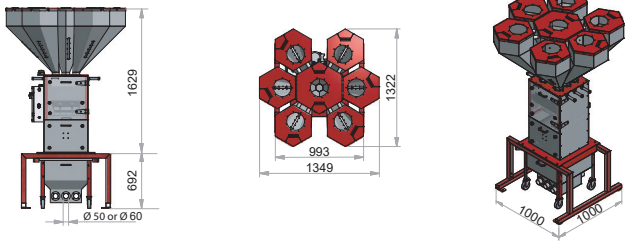
Due to the modular construction of the FGB 10 and FGB 25 series there are multiple versions possible, with a maximum of 8 hoppers with dosage valves. All parts that come into contact with the material are made of stainless steel. It is possible to expand the FGB 10 or FGB 25 with our MOVAC conveying system, which has the same characteristics as our GRAVIMIX series. This provides you with a complete solution.

## ECONOMIC AND USER FRIENDLY

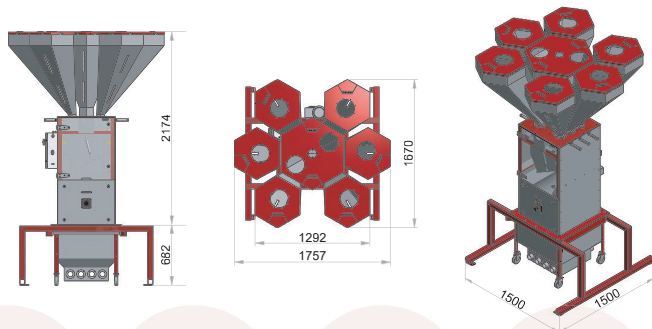
All components are dosed and weighed, separately, in the weighing pan, which is executed with an accurate weighing system. After weighing, the complete batch falls into the mixing chamber and the horizontal mixer ensures a homogenous mixture. A level sensor in the mixing chamber checks the total cycle.



Gravimix FGB 10



Gravimix FGB 25



## DIFFERENCES FGB 10 AND FGB 25

### FGB 10

- Maximum capacity: 1500 kg/h depending on Number of components and material
- 2 to 7 components

### FGB 25

- Maximum capacity: 2700 kg/h depending on Number of components and material
- 2 to 8 components



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](http://www.ferlin.nl)

10000-12550

**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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