

# FIBERDOS

Fiber dosing to the  
highest standard



m-tec

**m-tec**<sup>®</sup>  
Technology for better building

# FIBERDOS®: More than just dosing fibers

# FIBER

The m-tec development FIBERDOS® is a flexible dosing system for introducing fibres into bulk material processes. Optimised for plastic, cellulose, and glass fibres FIBERDOS® is suitable for the most diverse dosing applications. Its most remarkable properties are the fully automated operation and a max dosing precision of  $\pm 20$  grams!

Integrated in the installed system controller, FIBERDOS® analyses the relevant recipe instructions to allow for a convenient activation and monitoring of the dosing process.

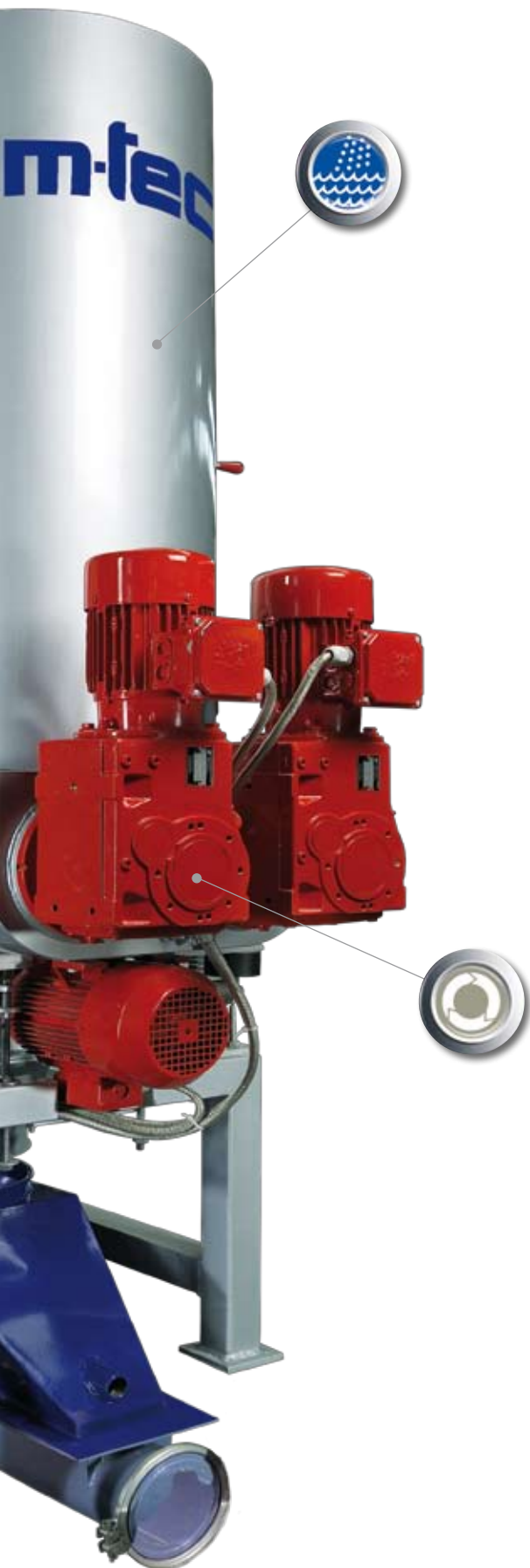
FIBERDOS® activates the rollers in its conveying unit to transport the fibres to the centre of the hopper. Following aeration the fibres are being transported into the dosing chamber which ensures that accuracy of preset dosing weight parameters are maintained. At the same time, integrated measuring cells monitor the fibre mass when it is dosed out. The extremely high dosing precision of the FIBERDOS® is therefore assured!

The FIBERDOS® dosing system is available in two standard sizes:

- a) 500 x 1000 mm for 500 – 1000 l hopper volumes (max dosing capacity 150 g/s)
- b) 1000 x 1000 mm for 1200 – 2000 l hopper volumes, e.g. the complete content of a big bag (max dosing capacity 150 g/s)



# DOS



## > FIBERDOS®: additional benefits



### EasyWork

The fully automated dosing system accelerates the dosing process and ensures a highly accurate, precise and error-free reproduction of the required fibre quantity.



### EasyDos

Aerated and separated by the dosing process the fibres are easily mixed for enhanced reinforcement effects.



### EasyLife

On request, specific tests and analyses can be conducted on the **m-tec** pilot plant, for field-tested dosing values and the ideal adjustments to the most diverse conditions



*View of the top conveying unit, with and without fibres*

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