

# FIBERGLASS DOSING FEEDER



**AES**  
ADVANCED ENGINEERING SYSTEMS



Small-weight-feeder in completely closed design for pre-chopped fiberglass

## TECHNICAL DATA:

Conveying material:	pre-chopped fiberglass
Conveying capacity:	5 kg/h up to 3000 kg/h
Belt speed:	depending on the set point and the belt load
Belt width:	300 mm up to 800 mm
Bulk density:	300 kg/m <sup>3</sup> up to 1500 kg/m <sup>3</sup>
Fibre length:	5 mm up to 21 mm
Inclination:	horizontal up to 8 degrees increasing or decreasing
Adjustment range:	1:10 (upgradeable up to 1:50 with feedback-encoder)
ATEX:	versions available
Accuracy:	± 1,0 %

If required customized special solutions are available!

## REQUIREMENTS:

stable, vibration-free substructure

## BENEFITS:

- | test weight for an easy and quick check of the weighing accuracy
- | integrated belt steering and tensioning device | completely enclosed system
- | minimal maintenance required
- | material-friendly

Gypsum Construction material Cement | Chemistry Plastics



## FUNCTION OF THE FIBERGLASS DOSING SYSTEM, GFD

KUKLA has developed specifically a weighing- and dosing system for pre-chopped fiberglass. This weigh feeder is particularly used for the production of gypsum plasterboards and wherever pre-chopped fiberglass is used. By means of several weighing systems, a special back combing as well as a special combing brush the pre-chopped fiberglass is accurately fed to the process. An upstream discharge device (ASG) is used for pre-dosing the fiberglass, which can be directly discharged from a Big-Bag. All weighing, dosing and control functions are performed by one KUKLA weighing electronics. Each standard scale of KUKLA is equipped with a test weight device which makes possible a quick and easy check of weighing accuracy within a few minutes. An integrated, weight-loaded belt steering- and tensioning device guarantees a high accuracy and high reliability.

For inquiries and pricing please contact: [william@gate.net](mailto:william@gate.net); Cell: +1 (786) 877-5426

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