

Automatic Solid Dosing Systems



WHY ?

⚙️ **Constant Substrate Supply**

Continuous and demand-oriented feeding improves process stability and prevents load peaks.

⚙️ **Higher Biogas Yield**

Optimized feeding intervals enhance microbial activity and increase gas production.

⚙️ **Improved Process Stability**

Reduction of acidification, foaming, and biological disturbances in the digester.

⚙️ **Labor and Time Savings**

Reduced manual work, lower personnel requirements, and relief for plant operators.

⚙️ **Lower Operating Costs**

More efficient substrate utilization, reduced energy consumption, and fewer unplanned downtimes.



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⚙️ **Flexibility in Substrate Selection**

Different substrates can be precisely dosed and combined.

⚙️ **Increased Plant Availability**

Automated systems operate reliably around the clock.

⚙️ **Improved Documentation and Control**

Digital recording of feeding quantities enables analysis, optimization, and traceability.

⚙️ **Reduced Mechanical Wear**

Uniform feeding lowers mechanical stress on agitators and pumps.

⚙️ **Enhanced Safety**

Fewer manual interventions reduce the risk of workplace accidents.



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