



FBM Fluid bed Dryer Mini

Flexible material container fluid bed dryer, dry where you want

The Fluid Bed Mini Dryer is one of our most flexible dryers available, it can dry almost everywhere in your company. It just needs a power connection and it is ready to dry. With the internal heating system combined with a PI controlled thermostat the temperature of the seeds never get to high.

The simple operating panel is very easy to use, just set the right amount of drying time or dry constantly. A valve on the air fan makes the airflow adjustable so you can set it to an optimal fluidized bed. After the drying process you release the drying container and empty it into your next process step.

For the emptying out of the aluminum material hoppers we have a special lifting device available, see the MCED in this catalog.

All FBM machines are standard equipped with:

- Electrical PI controlled heating system
- Aluminum material container of 100litres
- Standard mounted on swivel wheels, dry where you need
- All advantages of a simple low cost fluid bed system
- Dry on time or continuously
- CE Standard

Options:

- Extra material containers
- MCED Material Container Emptying Device



Specification	FBM
Dimensions	900mmx900mmx900mm
Power supply	3x400+N Vac 50Hz 8.5 kW (with electrical heating) 5 pin plug
Weight	Approx. 100kg

For further information contact:



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“Fluid bed, a standard in the industry”

In the industry the fluidized bed dryers are more and more becoming a standard. A basic principle of fluidized bed technology is visualized in the picture below.

The seed is put in a container and an air-stream fluidizes the seed. This relatively strong air-stream can be controlled by baffles or by means of controlling the speed of the fan that is pushing or pulling the air through the perforated bottom plate in the container.



Working principle of fluidized bed

Advantages:

- Reduction of moisture can be achieved quickly
- All seeds are dried equal because there is constant movement and mixing of the seed during the process.
- No or minimal mechanical stress or damage to the seed because the mixing is done by air. No moving parts are used for moving or mixing the seed.

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