

FLUID BED DRYER

FBD-1500

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The FBD fluid bed dryer is especially designed as a surface dryer after chemical treatment of a product and can be used for most kinds of treated seeds

For very fragile seeds it is recommended to fit the FBD with variable speed to reduce the action of the seeds.

For other specific information see the back page.

The FBD fluid bed dryer offers the below features:

- Vibrator feeder with potentiometer for capacity regulation.
- Screen section consisting of 4 screen segments end to end; all with rubber ball cleaning.
- The first 3 screen segments are for removal of small waste particles where 2.7 m² of these screen segments can be connected to either ambient air or heating element [option].

- The fourth screen segment is for removal of product clumps.
- Aspiration hood on top of the screen section with 4 aspiration spouts for connection to an external aspiration system.
- Inspection windows on both sides of the aspiration hood.
- Two outlets for removed product.
- Prime product outlet placed under the machine for the entire width of the sieveboat.
- Drive and motor.

The machine is of steel construction with sieveboat of laminated wood. Parts in contact with product are covered with stainless steel, except for the ball frame.

Options:

- *Frequency converter for variable drive of the screen section*
- *Heating element for warm air drying*

EQUIPPED FOR CHANGE

We provide valuable insights, so you can make qualified decisions

FLUID BED DRYER FBD-1500

TECHNICAL SPECIFICATIONS:

	FBD-1500
Screen size L=1000 x W mm	1500
Screen area m ²	6
Capacity corn / beans - t/h	15
Capacity sunflower - t/h	6
Motor kW	2.2
Motor vibrator feeder kW	0.05

Capacity: estimate [guideline] depending on the moisture content in the product as well as the temperature and relative moisture of the air in the building.

DISTINGUISHING ADVANTAGES:

- Inlet section ensuring an even spread of product over the full working width of the machine
- Highly efficient air system ensuring a uniform aspiration and a good separation of the product
- Easily accessible screens with superior cleaning system
- Sieveboat suspended with fibreglass springs giving a smooth and safe operation due to the centrally located eccentric shaft
- Windows across the full width of the aspiration hood for visual inspection of the cleaning performance
- Easy clean-down when changing from one product to another
- In right or left-hand construction to suit individual plant layouts
- Low maintenance costs