

Your air. We care.

Fibre Separator



Separating and compacting
of waste

Luwa

A Division of the Zellweger Luwa Group

Fibre Separator – less waste volume, no dust emission during disposal

The two Fibre Separators FSB and FSC are designed for filtering the waste out of a conveying air flow and to discharge it in the room, in a compact form and without dust emission.

The waste material collected is accumulated at the perforated metal conus, from where it is conveyed downwards by a worm shaft. Thanks to the conical form of the perforated metal conus and to the resistance of the spring plate diaphragm, the material gets condensed.

Features

Smaller waste quantities can be pressed directly into a waste bag, for disposal.

Larger quantities are preferably discharged into a container, into a silo or into the filling hopper of a baling press.

Advantages

- Smaller waste quantities allow a better use of silo capacity
- Disposal without dust emission
- The integrated control permits also autonomous operation
- The reduced construction height allows installation in rooms of usual height
- Continuous or pressure-controlled operation
- Intermittent feeding is possible

Options

The fibre separator is automatically stopped when the discharge monitoring detects that the waste container is filled.



Technical data

Type	FSB	FSC
Air flow rate (m ³ /h)	1200 – 4000	4000 – 8000
Waste throughput (kg/h)	max. 150	max. 250
Rated output of drive motor (kW)	0.3	0.37
Compacting factor	approx. 2:1, depending on type of material	

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