

The crystallizers of the FB series are based on the principle of the vibrating fluid bed. The material is transported on a perforated surface and held in suspension by an air flow and the vibrations of the surface.

The system is suitable for the crystallization and drying of PET granules or flakes from the washing lines.

The residence time is very small (less than 15').

The air heating can be done with electric heaters, natural gas heaters, diathermal-oil or vapor heat exchanger. Equipped with an high-efficiency fan with variable flow.

The partial recycling of the air used in the drying process for energy saving.

The control with a Siemens PLC allows an easy operation in every working phase.

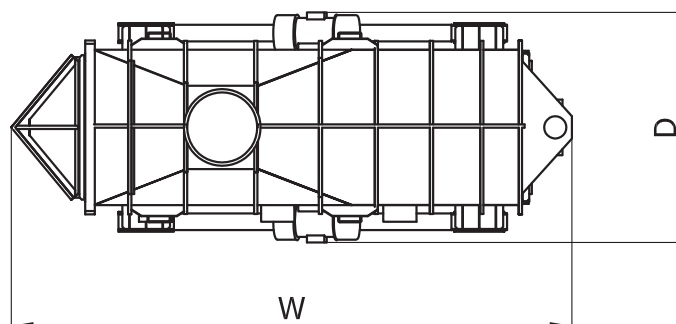
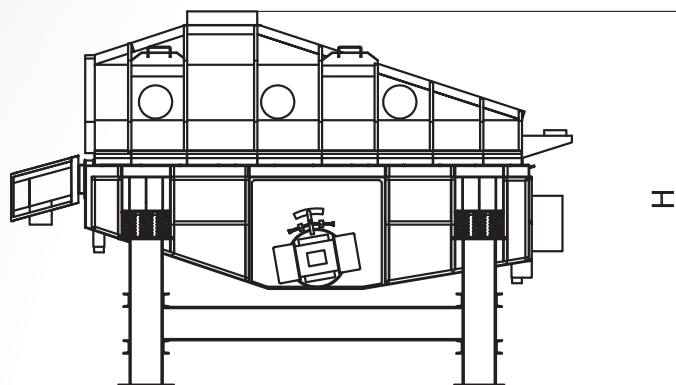


ASSESSORIES

- Rotary valve for loading and unloading.
- Pneumatic feeding and extraction system.
- Oil condensation system.

ADDED VALUE:

- It dries and crystallizes the material in a short time with throughputs in 10'
- Dedusting of paper material, PE and built-in self-cleaning dust filter.
- It increases the performance of the extrusion system.
- Low and easy maintenance, easy to clean.



TECHNICAL DATA		FB500	FB1000
Throughput	Kg/h	500	1000
Airflow	m3/h	4000	8000
Process temperature	°C	70-150	70-150
Bad dimensions WxD	mm	2800x800	1000x4000
Fan power	kW	11	37
Heating power	kW	3	5.6
Rotary valve power	KW	1.1+1.1	1.1+1.1
Total power	KW	70.2	126
Voltage/Frequency	V/Hz	400/50-60	400/50-60
Dimensions WxDxH	mm	3200x1500x2300	5100x2100x3300
Weight	kg	1000	2600