



ZIG ZAG AIR SEPARATOR

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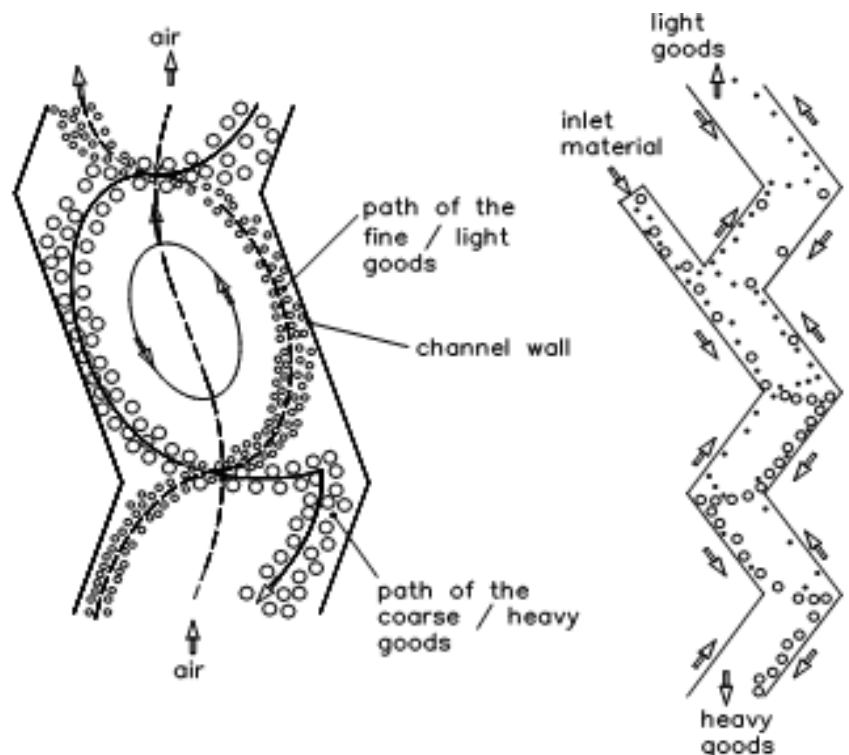
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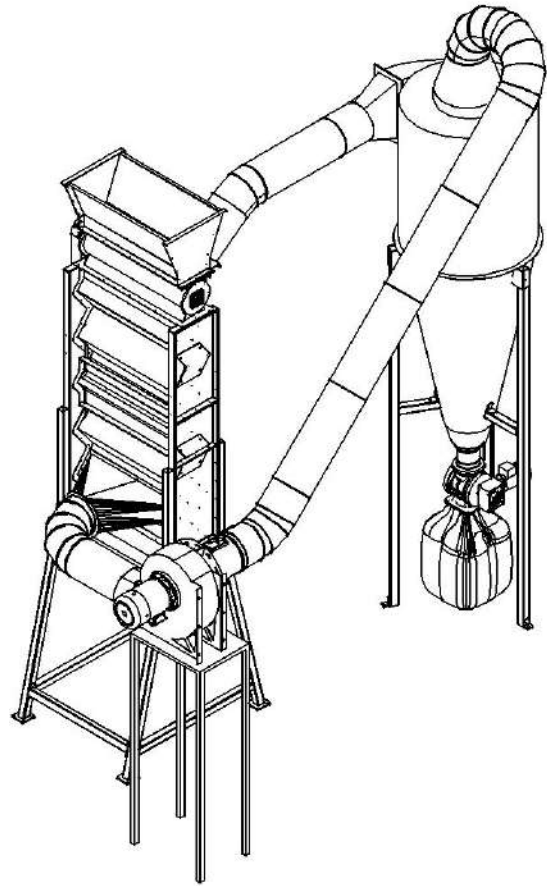
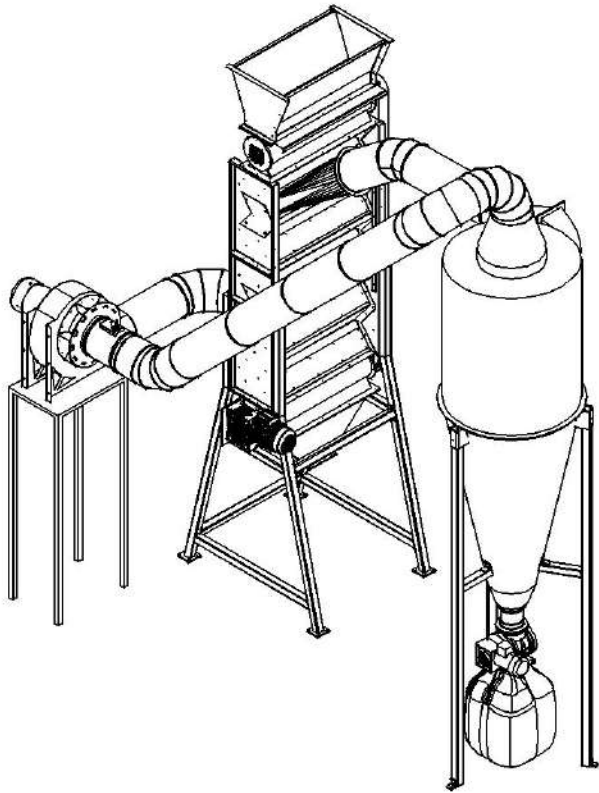
Application

- Very precise separation due to by multi-stage-cross-low separation (4separation stages).
- Based on arranged upon another separation steps and the consequential multiple impacts of the mass low, the de agglomeration and release of product knots is ensured
- To reach stable operating conditions, we use a special designed ventilator rotor disk.
- Constant product quality is provided via regulation of air flow and control (optional)
- Due to additional cleaning valves in the separator channel the plant can be cleaned easily
- In the air recirculation mode exists no emission source
- Long life span due to robust construction and no rotating parts in the separator
- Sturdy design

Function

The feed material is conveyed onto an airproof item to the separator channel. According to the multiple-crossflow separating process, light material is separated from heavy material. The air flow required for separation is blown through the separation channel from bottom to top. Light material is carried by the air flow up stream in to cyclone and through rotary sack in to sack on to the next conveyor. Heavy material cannot be carried by the air flow and falls through the air flow and is discharged through the separator base. The light material transported by the air flow to the cyclone gets separated there and is discharged via rotary gate valve. Zig Zag Air Separator Plants are usually operated in recirculation air mode, whereby the cleaned air is returned via blower to the separator base. In case of dusty or moist products the operation of the plant is also possible in partly air circulation or suction mode. The required air flow and pressure is generated by a radial blower.





Saat Technology and its authorized local partners offer and exclusive after-sales service, always providing qualified assistance. The after-sales service not only includes the supply of spare parts, but also supports in routine maintenance and plant check-up.

Our equipment is supplied and installed by **Saat Technology's** highly skilled technical staff. You can rely on them every step of the way, with in person training, remote assistance, and annual maintenance services.

Saat Technology, an expert at your side.

MODELS	200	400	800
Number of Cross Flows	4	4	4
Width Of Air Channel	200mm	400mm	800mm
Number of Motors	4	4	4
Fan kW	0,75	2,2	4,0
Air Locks kW	1,05	1,5	2