

ASPIRATION & RECIRCULATION SYSTEMS



Hekotek designs and produces equipment for collecting and cleaning the air that contains sawdust and fine particles and reversing the clean air back to the production area.

Our recirculation filters enable to optimize production area heating costs, as well as ensure cleaner working environment for enterprise employees.

FACTS AND FIGURES OF HEKOTEK EXPERIENCE

OVER 150 | recirculation systems produced and launched by Hekotek

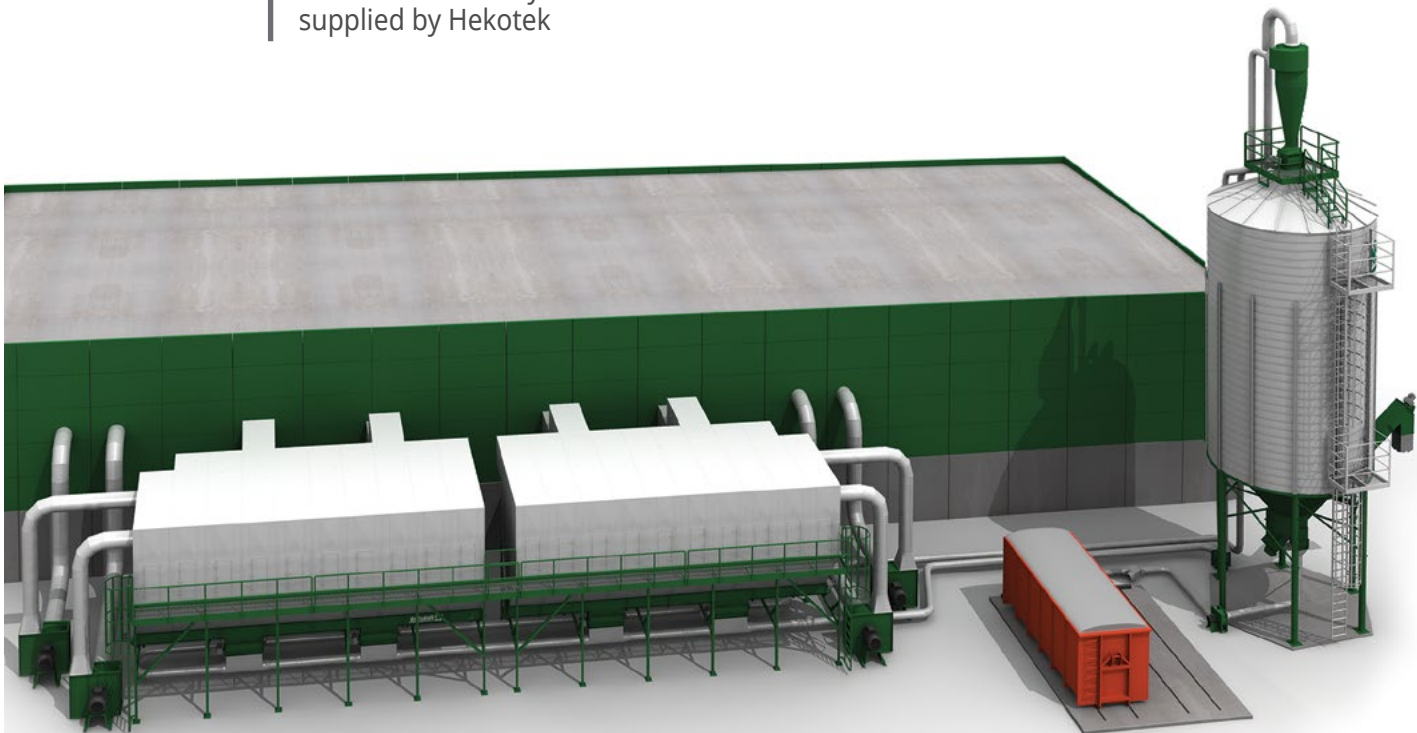
8 MLN M³ | overall capacity per hour of all recirculation systems supplied by Hekotek

30 YEARS | experience of aspiration and recirculation systems manufacture

7 COUNTRIES | geography of aspiration and recirculation systems supplied by Hekotek

GENERAL FEATURES

- Filters consist of standard units with provided option of further expansion
- Unit air volume – from 10 000 m³/h up to 120 000 m³/h
- Hot air fully or partially reverted back to the production area
- Pipelines, their ramifications and transitions designed and produced to transport huge volume of wood waste under minimum energy and air consumption and low level of pressure loss
- Buckle clamps used for pipes bracing enable quick pipeline installation





TECHNICAL FEATURES

- Standard filter-bags (diameter 217 mm, length 2350 mm), their bottom base easily fixed by means of spring collar
- Bags cleaning by means of regeneration fans – by far more efficient compared with manual clearing (shaking)
- Dynamically balanced and efficient fans, capacity within the range 3000 - 25 000 m³/h, operating air pressure – 2000 - 4000 Pa
- Reverse air channel equipped with fire prevention shutters and reverse air feed regulating valve (summer / winter option)
- Inlet valves open by air-pressure-induced force
- Electrical stand with memo-scheme, processor-based control of cleaning
- Containers, silos (or other solutions according to customer's request) accumulating solid substances
- Silos of standard sizes, capacity – from 130 m³ to 200 m³
- Closed-circle solutions for use in dust sensitive areas
- Remote support of automation provided

Reference list
of Hekotek deliveries:



POWER OF COOPERATION

Increased value of processed timber can only be achieved through effective solutions ensured by close cooperation with our customers and suppliers. We strongly believe that cooperation is the main key to success.

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