

Recirculation filters, aspiration pipelines, fans and silos for wood processing enterprises and by-products processing mills.

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

Our recirculation filters enable to optimize production area heating costs, as well as ensure cleaner working environment for enterprise workers. Filters consist of standard units for air volume from 10 000 m³/h up to 120 000 m³/h, enable to revert hot air fully or partially back to the production area.

Ventilators in use are dynamically balanced and efficient, their capacity being within the range 3000-25 000 m³/h, operating air pressure – 2000-4000 Pa.

Pipelines, their ramifications and transitions are 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.

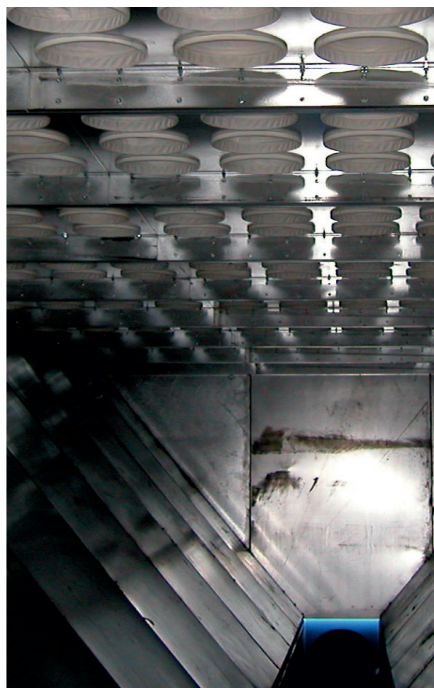
GENERAL AND TECHNICAL CHARACTERISTICS

- Made of standard units with provided option of further expansion
- Standard filter-bags (217 mm diameter, 2350 mm length), bag's bottom base easily fixed by means of spring collar
- Bags clearing by means of regeneration ventilators – by far more efficient compared with manual clearing (shaking)
- 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



Over 130 various recirculation systems currently operate at our customers' mills in the Baltic countries, Russia and Sweden.

Average filter capacity – 40 000 m³/h



REFERENCE LIST OF RECIRCULATION AND ASPIRATION SYSTEMS DELIVERIES

Estonia:

Brenstol, Tre Timber – several filters, total capacity 125 000 m³/h

Lasita Maja – 112 000 m³/h

Ha Serv – several filters, total capacity 135 000 m³/h

Jumek (Puka и Kääpa) – several filters, total capacity 110 000 m³/h

Osula Graanul – several filters, total capacity 105 000 m³/h

Stora Enso Imavere Sawmill – several filters, total capacity 175 000 m³/h

Stora Enso Näpi Sawmill – several filters, total capacity 120 000 m³/h

Trives – several filters, total capacity 128 000 m³/h

Viljandi Aken ja Uks – several filters, total capacity 237 000 m³/h

Lithuania:

Jures medis (Kazlu Ruda) – 110 000 m³/h

Baldai jums – several filters, total capacity 220 000 m³/h

Zeimiu baldai (Jonava) – 75 000 m³/h

Russia:

DOK Enisey (Krasnoyarsk) – several filters, total capacity 125 000 m³/h

LDK Igirma (Irkutsk region) – several filters, total capacity 190 000 m³/h

LDK 2 Vytegra (Vologda region) – several filters, total capacity 70 000 m³/h

Lesozavod 25 (Arkhangelsk) – several filters, total capacity 80 000 m³/h

Metsä Svir (Leningrad region) – several filters, total capacity 95 000 m³/h

Novoyeniseysky LKhK (Krasnoyarsk region) – several filters, total capacity 40 000 m³/h

Royal Wood (Irkutsk) – 50 000 m³/h

Stora Enso Impilahti Sawmill (Karelia) – several filters, total capacity 70 000 m³/h

Hekotek AS

Põrguvälja tee 9
Jüri, Rae parish
75306 Harju County
Estonia

Tel: +372 605 1450
hekotek@hekotek.ee



POWER OF COOPERATION

OUR CUSTOMERS' SUCCESS IS OUR ULTIMATE GOAL

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 best solutions are based on cooperation.



WWW.HEKOTEK.COM