



## Filer and Silosystems



# Filter systems



Modular constructed filter systems type AKF-WDHK and AMX are intended for large volumes of air and chips. The filters are very reliable and flexible by rebuilding and extension, at the same time they are cleaned automatically during operation and can run in 24 hours operation all the year round under all operating conditions.

Filtersystem for Furniture factory in Polen with patented explosionpanels  
Placed in the hopper on the dust side of the Filter.



## Machining



Rough wood



Sawing



Moulding



Laminated wood

## Handling



Stacking



Assembly



Fitting



Packing

## Application



Windows



Doors



Furniture

# FILTER SYSTEMS

Chain filter type WDHK for factory manufacturing kitchen doors, the air volume is of 60,000 m<sup>3</sup>/h and is returned 100% to the factory.



Filter type AKF-WXLK for furniture factory in Ukraine.

Filter type AKF installed by Velfac's window factory in Poland - Airvolume 100.000 m<sup>3</sup>/h.



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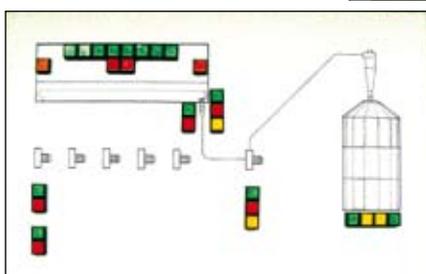
# Filter systems



Filter system type WDHK for furniture factory in Kleipeda in Lithuania and laminated wood factory at Swedwood in Tikhvin Russia respectively.



Filter system supplied for wood factory and furniture factory in Poland and the Ukraine.



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# FANS

Danish furniture producer of pinewood furniture with filter type AKF-WDHK for 120,000 m<sup>3</sup>/h.



Aagaard-Finnrose A/S produces high-efficient reliable fans in both belt driven and direct driven design with high efficiency and low energy consumption for air transportation of all types of dust and chips.



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# Filter systems

Filter system type AKF-DHLK with cross heat exchanger for the return air to the factory and with chip conveyor for transportation of chips to container.



Reliable. Flexible. Fire proof.



Filter system for 240,000 m<sup>3</sup>/h for window factory in Scotland with silo system for storage of chips before combustion.

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# FILTER SYSTEMS

System for Danish window factory with an air volume of 40,000 m<sup>3</sup>/h. Automatic cleaning of filter bags with reverse air cleaning by regeneration fans positioned outside on the filter.



Fully automatic operation.  
100% heat recovery.  
Minimum maintenance.  
Not harmful to the environment.

Norwegian planing factory has chosen chain filter type AKF-DHLK placed on the roof with noise-dampened fan.



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# Filter systems



A large and comprehensive programme of filter systems for all types and sizes of companies in the wood working industry. Aagaard-Finnrose A/S has the know-how how to service and supply the right solution.



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# FILTER SYSTEMS



Rotary valve filter and bag filter systems, we can always find a solution corresponding to the demands of the customers.



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# Silo systems



Silo systems for storage of chips and dust for either briquetting, refuse burning installations or for pick-up, we have the solutions and an approved silo programme for all demands.



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# SILO SYSTEMS



Modular silos in sizes from 10-500 m<sup>3</sup> in diameter 2-7 metres with pitched roof for cyclone or flat roof for filter system.



The complete programme from Aagaard of modular constructed chip conveyors with low energy consumption. Transportation of chips without dust and noise is a reliable solution to transport of all types of chips.



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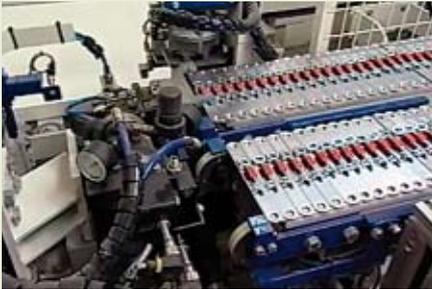
Furniture

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Obel-P Group is a Danish group with companies in Denmark and head office in Brøndby near Copenhagen developing, producing and marketing high technology solutions to the global wood working industry.

The close cooperation between the four companies in Obel-P Group: Obel-P Automation, Brødbæk & Co., Aagaard System and PL Control each with expertise within services and products for wood working industry means a positive synergy when developing new solutions.

