

Maximum Efficiency

Dust collection filters



www.aml-bulktechnology.de



Maximum efficiency achieved with our dust collection filters

Are you looking for a new dust removal system or are you searching for a specific solution for your current system? Then AML Anlagentechnik GmbH is your best choice.

For more than 23 years AML has planned, produced and maintained dust removal systems for the bulk materials industry all over the world. Our manufacturing program includes, among other things, filters and dust removal systems for the following bulk materials handling equipment:

- silos and bunkers
- crushers, grinders and screening machines
- drying systems
- conveying and handling systems
- packing machines

For our filter systems we use filter elements and filter bags of the highest separation quality.

Our range of services includes not only the design, planning and construction of new facilities, but also the expansion, renovation and reconstruction of existing dust removal systems.

Our services portfolio consists of:

- analysis of the requirements of the customer
- definition of the type of filter and the material of the filter, as well as the project planning of every component of the dust removal system (piping, steel structure, dust transport, etc.)
- delivery of the dust removal system
- installation and commissioning
- after sales services

We guarantee high quality products, individualized technical advice, flexibility and knowledgeable customer services, from planning to commissioning.

Call us at + 49 345 777 9859-0 or write to us at info@aml-bulktechnology.de



TOP FILTERS



STAND FILTERS



BAG FILTERS



Top Filters - perfect for silos and bunkers

Applications

Our top filters are perfect for the removal of dust in silos, bunkers and storage containers. In their standard configuration, the top filters are particularly suitable for dedusting all kinds of bulk materials in the building materials industry.

Advantages

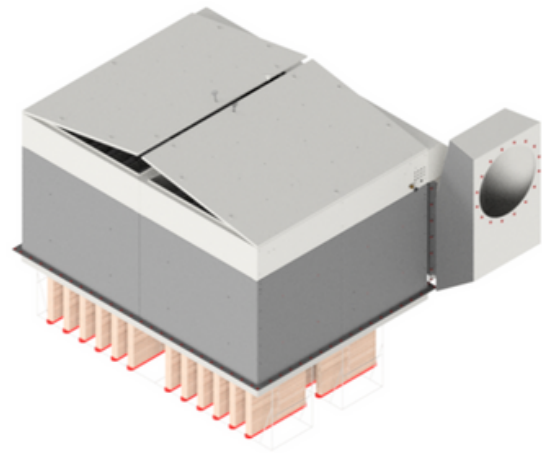
- compact design
- simple installation of the filter elements, either vertically or horizontally
- quick and easy replacement of the filter elements
- easy to maintain
- very high separation rate and long service life of the filter elements

Technical data and available versions:

- standard design in mild steel for the construction industry
- ATEX version for potentially explosive dust atmospheres
- stainless steel or aluminium construction for the food industry

Control unit:	external or built-in
Filter medium:	compact filter elements
Filter area:	from 7 to 54 m ² from
Air volume:	650 to 3.200 m ³

Contact us for a custom-made top filter!



Overview of filter types

AKV-7-V



Filter capacity/air volume m ³ /h:	400
Number of filter elements:	2
Filter area m ² :	7

AKV-11-V



Filter capacity/air volume m ³ /h:	650
Number of filter elements:	3
Filter area m ² :	11

AKV-18-V



Filter capacity/air volume m ³ /h:	1000
Number of filter elements:	3
Filter area m ² :	18

AKV-24-V



Filter capacity/air volume m ³ /h:	1400
Number of filter elements:	4
Filter area m ² :	24

AKV-30-V



Filter capacity/air volume m ³ /h:	1800
Number of filter elements:	5
Filter area m ² :	30

AKV-2-60-V



Filter capacity/air volume m ³ /h:	3600
Number of filter elements:	10
Filter area m ² :	59

Overview of filter types

AKH-7-V



Filter capacity/air volume m ³ /h:	400
Number of filter elements:	2
Filter area m ² :	7

AKH-11-V



Filter capacity/air volume m ³ /h:	650
Number of filter elements:	3
Filter area m ² :	11

AKH-18-V



Filter capacity/air volume m ³ /h:	1000
Number of filter elements:	3
Filter area m ² :	18

AKH-24-V



Filter capacity/air volume m ³ /h:	1400
Number of filter elements:	4
Filter area m ² :	24

AKH-30-V



Filter capacity/air volume m ³ /h:	1800
Number of filter elements:	5
Filter area m ² :	30

AKH-35-V



Filter capacity/air volume m ³ /h:	2100
Number of filter elements:	6
Filter area m ² :	35



Stand Filters - central dust collector for a broad range of applications

Applications Stand filters serve as dedusting units for single or multiple machines or even parts of a plant. Thanks to the different construction sizes, materials and filter media, the stand filters can be adjusted to optimally respond to the customer's requirements.

Advantages

- optimal air flow inside the filter allows for smaller housing dimensions
- flexibel adaption to process requirements
- filter media exchange on clean gas side at normal working height
- minimal maintenance
- very high separation rate and long service life of the filter elements

Technical data and available versions:

- standard design in mild steel for the construction industry
- ATEX version for potentially explosive dust atmospheres
- stainless steel or aluminium construction for the food industry

Control unit:	external or built-in
Filter medium:	compact filter elements
Filter area:	from 70 to 730 m ² from
Air volume:	4.500 to 55.000 m ³ /h

Contact us for a custom-made stand filter!



Overview of filter types

SKH-50-V



Filter capacity/air volume m ³ /h:	3600
Number of filter elements:	9
Filter area m ² :	53

SKH-70-V



Filter capacity/air volume m ³ /h:	4500
Number of filter elements:	12
Filter area m ² :	70

SKH-90-V



Filter capacity/air volume m ³ /h:	6000
Number of filter elements:	15
Filter area m ² :	89

SKH-105-V



Filter capacity/air volume m ³ /h:	7400
Number of filter elements:	18
Filter area m ² :	106

SKH-140-V



Filter capacity/air volume m ³ /h:	9000
Number of filter elements:	24
Filter area m ² :	141

SKH-175-V



Filter capacity/air volume m ³ /h:	12000
Number of filter elements:	30
Filter area m ² :	177

SKH-210-V



Filter capacity/air volume m ³ /h:	15000
Anzahl Filterelemente:	36
Filter area m ² :	212

Overview of filter types

SKH-265-V



Filter capacity/air volume m ³ /h:	18000
Number of filter elements:	45
Filter area m ² :	265

SKH-280-V



Filter capacity/air volume m ³ /h:	19500
Number of filter elements:	48
Filter area m ² :	283

SKH-350-V



Filter capacity/air volume m ³ /h:	25000
Number of filter elements:	60
Filter area m ² :	354

SKH-120-V Ex



Filter capacity/air volume m ³ /h:	8000
Number of filter elements:	18
Filter area m ² :	120

SKH-140-V Ex



Filter capacity/air volume m ³ /h:	9500
Number of filter elements:	21
Filter area m ² :	140

SKH-200-V Ex



Filter capacity/air volume m ³ /h:	13500
Number of filter elements:	30
Filter area m ² :	201

SKH-240-V Ex



Filter capacity/air volume m ³ /h:	16000
Number of filter elements:	36
Filter area m ² :	241

Overview of filter types

SKH-280-V Ex



Filter capacity/air volume m ³ /h:	19000
Number of filter elements:	42
Filter area m ² :	281

SKH-320-V Ex



Filter capacity/air volume m ³ /h:	22000
Number of filter elements:	48
Filter area m ² :	321

SKH-400-V Ex



Filter capacity/air volume m ³ /h:	27000
Number of filter elements:	60
Filter area m ² :	402

SKH-480-V Ex



Filter capacity/air volume m ³ /h:	32000
Number of filter elements:	72
Filter area m ² :	482

SKH-560-V Ex



Filter capacity/air volume m ³ /h:	38000
Number of filter elements:	82
Filter area m ² :	562

SKH-640-V Ex



Filter capacity/air volume m ³ /h:	43000
Number of filter elements:	96
Filter area m ² :	643

SKH-800-V Ex



Filter capacity/air volume m ³ /h:	54000
Number of filter elements:	120
Filter area m ² :	804



Bag Filters - dust collection solution for many applications

Applications

Bag filters primary area of application is for high air volumes at high temperatures and increased humidity. They are particularly suitable for the dedusting of potentially explosive bulk materials (e.g. coal, sulphur, etc.) or sticking and caking dusts (e.g. salts, fertilizers).

Advantages

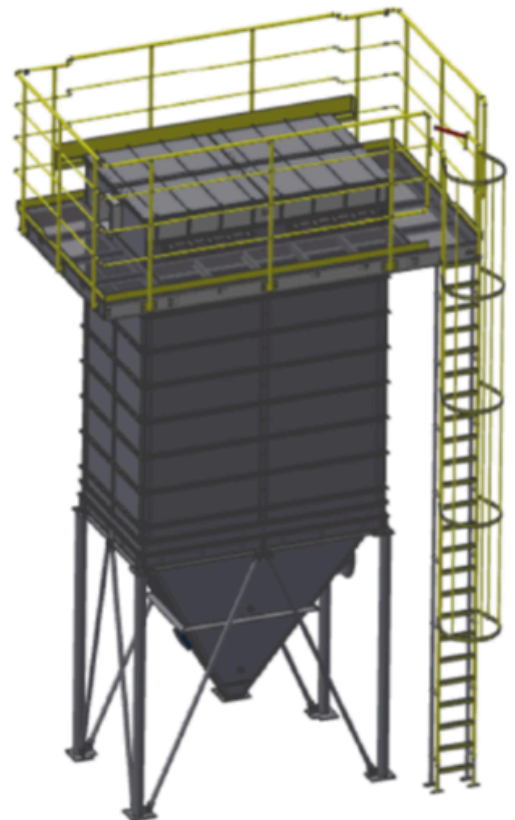
- suitable for high temperature applications
- resistant to moisture

Technical data and available versions:

- standard design in mild steel for the construction industry
- ATEX version for potentially explosive dust atmospheres
- stainless steel or aluminium construction for the food industry

Control unit:	external or built-in
Filter medium:	filter bags
Filter area:	from 60 to 1.670 m ² from
Air volume:	5.000 to 200.000 m ³ /h

Contact us for a custom-made bag filter!



Overview of filter types

SSV 53



Filter capacity/air volume m ³ /h:	5000
Number of filter bags:	56
Filter area m ² :	53

SSV 60



Filter capacity/air volume m ³ /h:	5600
Number of filter bags:	40
Filter area m ² :	60

SSV 85



Filter capacity/air volume m ³ /h:	7800
Number of filter bags:	64
Filter area m ² :	83

SSV 100



Filter capacity/air volume m ³ /h:	10000
Number of filter bags:	112
Filter area m ² :	105

SSV 125



Filter capacity/air volume m ³ /h:	15000
Number of filter bags:	44
Filter area m ² :	125

SSV 160



Filter capacity/air volume m ³ /h:	20000
Number of filter bags:	59
Filter area m ² :	167

SSV 170



Filter capacity/air volume m ³ /h:	16000
Number of filter bags:	96
Filter area m ² :	170

Overview of filter types

SSV 200



Filter capacity/air volume m ³ /h:	25000
Number of filter bags:	73
Filter area m ² :	208

SSV 220



Filter capacity/air volume m ³ /h:	21000
Number of filter bags:	144
Filter area m ² :	220

SSV 250



Filter capacity/air volume m ³ /h:	30000
Number of filter bags:	88
Filter area m ² :	250

SSV 270



Filter capacity/air volume m ³ /h:	25000
Number of filter bags:	174
Filter area m ² :	266

SSV 280



Filter capacity/air volume m ³ /h:	26000
Number of filter bags:	160
Filter area m ² :	280

SSV 310



Filterleistung/Luftmenge m ³ /h:	30000
Number of filter bags:	176
Filter area m ² :	309

SSV 330



Filter capacity/air volume m ³ /h:	40000
Number of filter bags:	118
Filter area m ² :	333

Overview of filter types

SSV 410



Filter capacity/air volume m ³ /h:	50000
Number of filter bags:	148
Filter area m ² :	415

SSV 620



Filter capacity/air volume m ³ /h:	75000
Number of filter bags:	210+30
Filter area m ² :	625

SSV 830



Filter capacity/air volume m ³ /h:	100000
Number of filter bags:	265+30
Filter area m ² :	833

SSV 1040



Filter capacity/air volume m ³ /h:	125000
Number of filter bags:	340+30
Filter area m ² :	1042

SSV 1250



Filter capacity/air volume m ³ /h:	150000
Number of filter bags:	410+30
Filter area m ² :	1250

SSV 1300



Filter capacity/air volume m ³ /h:	175000
Number of filter bags:	450+30
Filter area m ² :	1300

SSV 1660



Filter capacity/air volume m ³ /h:	200000
Number of filter bags:	560+30
Filter area m ² :	1667

Also good to know...

Matching accessories for our dedusting units:

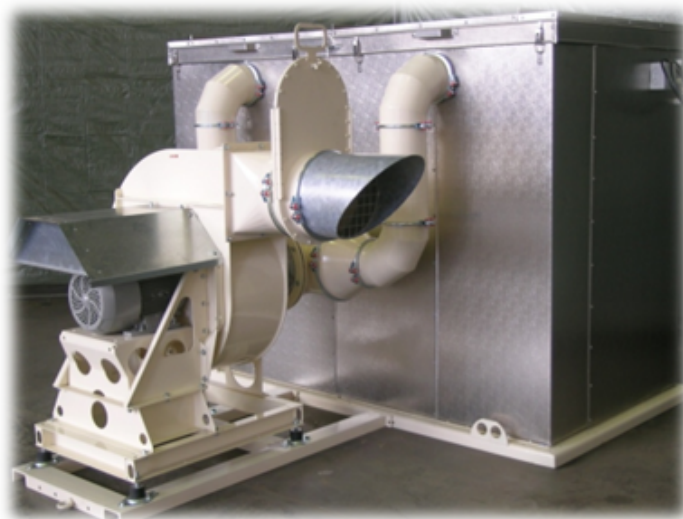
- fan assembly
- sound absorbers
- rotary valves
- dampers valves
- fittings and adapters for pipelines
- working and maintenance platforms
- blow-out discs
- explosion decoupling
- insulation
- trace heating systems
- control systems
- multilingual documentation

Dust discharge according to your needs:

- dust collecting funnel
- rotary valves
- screw conveyors

Further optional components and accessories are available – Just ask!

For installation, commissioning, training, maintenance as well as emission measurement of dust removal systems, our service personnel stays at your disposal.



A selection of references from AML Anlagentechnik

Satisfied customers worldwide From Germany to Dubai, AML can look back at more than 10 years of successful projects in the field of dust removal. Here you will find a short selection of satisfied clients and completed projects.

If you would like more detailed information on a specific project or if you would like to send us a request, please write to us at info@aml-bulktechnology.de.

Building Materials Industry:

- HAVER & BOECKER OHG. Oelde, Germany - Dedusting technology for rotary packing machine / dry mortar - Mapei S.p.a. Dubai, UAE
- Top filter and central filter for dry mortar plant - Maxit Deutschland GmbH. Landsberg, Germany - Central filter for manufacturing plant / wet plaster and paint
- Rethmisch GmbH. Möllenhagen, Germany - Central filter for packing machine
- Südharzer Gipswerk GmbH. Elrich, Germany - Filter (material separator) after air separator for anhydrite
- ZAO „KREPS“. St Petersburg, Russia - Top filter and central filter for the sand drying process

Fertilizers Industry:

- DOMO Caproleuna GmbH. Leuna, Germany - Dedusting technology for ammonium sulfate storage - OAO „Baltic Bulker Terminal“. St. Petersburg, Russia - Dedusting technology for the wagon unloading and loading facility of fertilizers

Coal Industry:

- Krutrade AG/OAO „Rosterminalugol“. Ust-Luga, Russia - Dedusting technology for the wagon unloading facility and for the handover station of coal.

Chemical Industry:

- Henkel Genthin GmbH. Genthin, Germany - Dedusting technology for detergent production plant





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