

Chain Filter AKF DAK & DAK XL



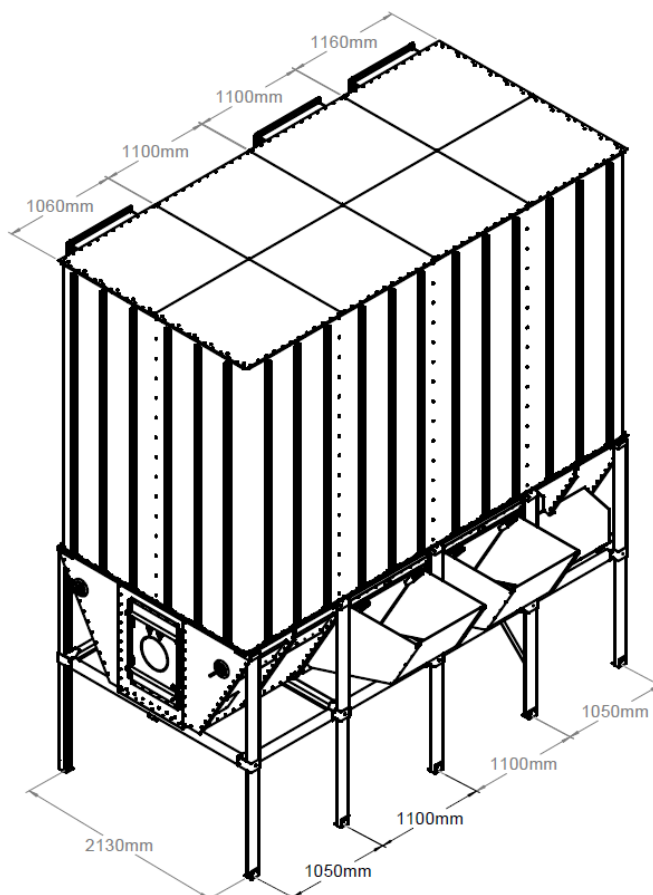
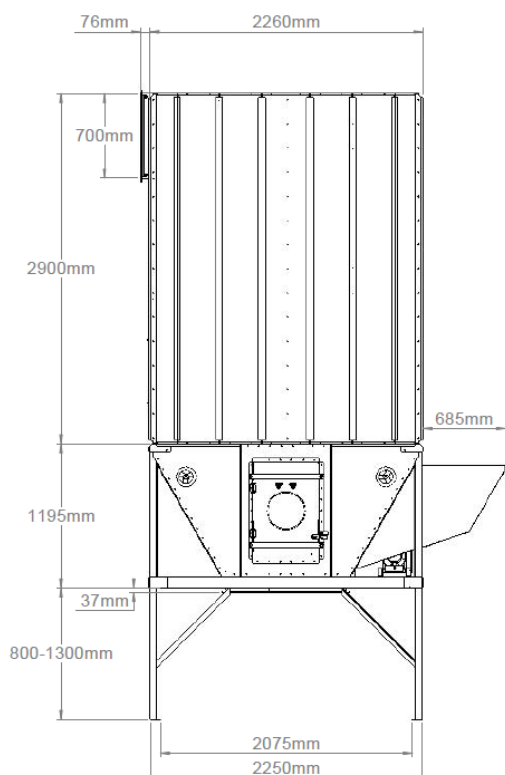
Our chain filters are designed to meet the needs of large high-volume dust extraction systems. Continuous cyclic filter bag cleaning is provided by insulated reverse flow regeneration fans to maintain the highest efficiency during all working conditions.

Our ATEX filters are equipped with specially designed explosion relief hatches on the hopper sides, which open quickly in the event of an explosion to maintain the structural integrity of the bag house. Channels mounted around the explosion relief hatches guide the flame discharges safely upward and away from the filter so that filter can be installed close to buildings etc.

The hatches are furthermore equipped with 2 spring-loaded re-closable latches and a microswitch. The filter has been explosion tested in full scale according to ATEX 2014/34/EU and approved and certified Ex Dst 1, certificate NB 1026 FTZU.

HIGH-END DUST HANDLING SOLUTIONS & SURFACE TREATMENT

FILTERS - FANS - DUCTING - SILOS - OUTFEEDERS - CONVEYERS - TRUCKLOADERS - CYCLONES - FINISHING LINES



Chain filter AKF	DAK	DAK XL
Area m ² /module:	53,5 m ²	81,5 m ²
Filterbags/module:	32 pce.	50 pce
Filterbag media:	PP Alu-coated standard – PE needlefelt as an option.	
Dust emission:*	< 0,2 mg/m ³	
Rotary valve	Outlet for ABS 1000	
ATEX**	Zone 20/21/22 on dust-side. Kmax=200 bar m/s	
Weight kg/module:	App. 600 kg	
Elektrical		
Chain drive	1,1kW – 230/400Vac	
Movement sensor	24Vdc PNP inductive sensor	
Cleaning fan	1,5 kW / filtermodule – 230/400Vac	
Door switch	(1xNC+1xNO) at each end of the filter.	
Ex-sensor	1 x NC+1XNO per module	

* Depending on dust type and composition. It is recommended to use police-filter/return air filter in countries where return air directly to workfloor is allowed. The used of a heat exchanger is a good alternative.

** Explosion calculation acc. to EN 14491 can be done on specific dust-types.

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Item no.	Item	Description
140A2031	Chain filter AKF 3+1 DAK	160,5 m ²
140A2041	Chain filter AKF 4+1 DAK	214,0 m ²
140A2051	Chain filter AKF 5+1 DAK	267,5 m ²
140A2061	Chain filter AKF 6+1 DAK	321,0 m ²
140A2071	Chain filter AKF 7+1 DAK	374,5 m ²
140A2072	Chain filter AKF 7+2 DAK	374,5 m ²
140A2082	Chain filter AKF 8+2 DAK	428,0 m ²
140A2092	Chain filter AKF 9+2 DAK	481,5 m ²
140A2102	Chain filter AKF 10+2 DAK	535,0 m ²
140A4031	Chain filter AKF 3+1 DAK XL	244,5 m ²
140A4041	Chain filter AKF 4+1 DAK XL	326,0 m ²
140A4051	Chain filter AKF 5+1 DAK XL	407,5 m ²
140A4052	Chain filter AKF 5+2 DAK XL	407,5 m ²
140A4062	Chain filter AKF 6+2 DAK XL	489,0 m ²
140A4072	Chain filter AKF 7+2 DAK XL	570,5 m ²
140A4082	Chain filter AKF 8+2 DAK XL	652,0 m ²
140A4092	Chain filter AKF 9+2 DAK XL	733,5 m ²
140A4102	Chain filter AKF 10+2 DAK XL	815,0 m ²
140A4103	Chain filter AKF 10+3 DAK XL	815,0 m ²

Item No.	Item	Description
140A1105	Supplement assembly hopper	AKF 3 DAK
140A1106	Supplement assembly hopper	AKF 4 DAK
140A1107	Supplement assembly hopper	AKF 5 DAK
140A1108	Supplement assembly hopper	AKF 6 DAK



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