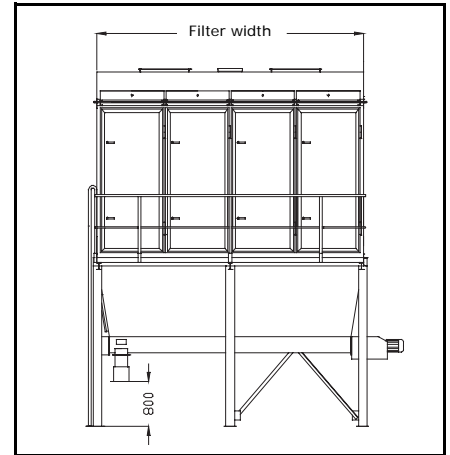
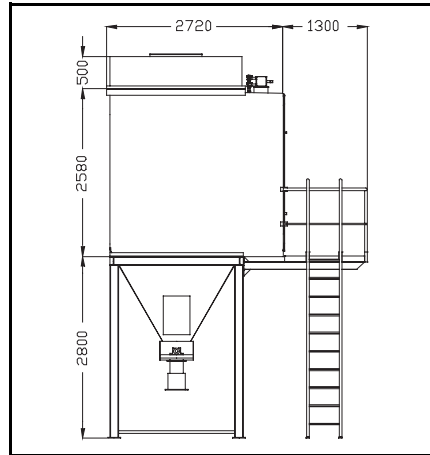
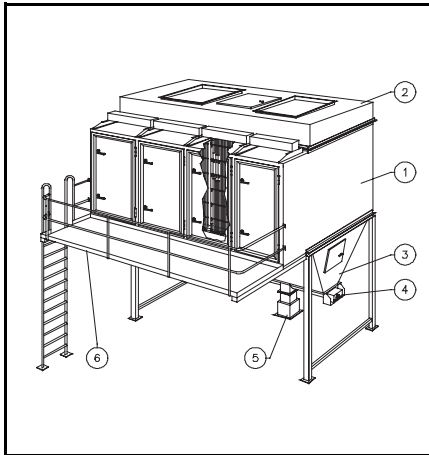




NFD Surface filter with compressed air cleaning



The NEOTECHNIK surface filter NFD operates fully automatically with a compressed air cleaning system. This custom-made filter allows

economic operation with a constantly low filter differential pressure. Compared to the reverse air filter the capital expenditure is consi-

derably lower. The control of the cleaning impulses is carried out electro-pneumatically. Impulse and interval times can be regulated.

Type	Filter bags quantity	Filter surface m ²	Filter width mm	Weight kg
NFD 601	72	108	811	3 050
NFD 610	108	162	1 153	3 600
NFD 602	144	216	1 552	4 150
NFD 611	180	270	1 894	4 700
NFD 620	216	324	2 236	5 350
NFD 612	252	378	2 635	5 900
NFD 621	288	432	2 977	6 450
NFD 630	324	486	3 319	7 100
NFD 622	360	540	3 718	7 650
NFD 631	396	594	4 060	8 200
NFD 640	435	648	4 402	8 750
NFD 632	468	702	4 801	9 400
NFD 641	504	756	5 143	9 850
NFD 650	540	810	5 485	10 500
NFD 642	576	864	5 884	11 100
NFD 651	612	918	6 226	11 650
NFD 660	648	972	6 568	12 250
NFD 652	684	1 026	6 967	12 800
NFD 661	720	1 080	7 309	13 350
NFD 670	756	1 134	7 651	13 900
NFD 662	792	1 188	8 038	14 550
NFD 671	828	1 242	8 392	15 100
NFD 680	864	1 296	8 734	15 650
NFD 672	900	1 350	9 133	16 250
NFD 681	936	1 404	9 475	16 800
NFD 690	972	1 458	9 817	17 400
NFD 682	1 008	1 512	10 218	18 000
NFD 691	1 044	1 566	10 558	18 600

Construction

The filter housing is constructed of reinforced welded steel sheet. Airtight doors allow access to the clean gas chamber. The filter element consists of individual filter bags and inserts with spanners. The filter elements, stretched via locking fastener, are easy to maintain and can be removed from the front.

In particular the cleaning device consists of:

- ▶ Easy to dismantle nozzle pipes
- ▶ Membrane valves
- ▶ Valve control units
- ▶ compressed air manifold

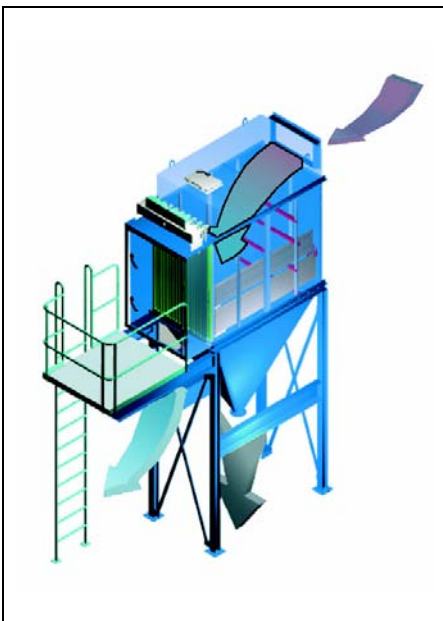
The filter unit is composed of the following premounted elements:

- 1 Filter housing
- 2 Crude gas hood
- 3 Dust collection hopper
- 4 Screw conveyor
- 5 Dust valve
- 6 Platform with access ladder



Examples of dust extraction:

- 1 Aluminium re-melting furnace
- 2 Quench-system cupola furnace
- 3 Areas of moulding plants
- 4 Manufacturing of cigarettes



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