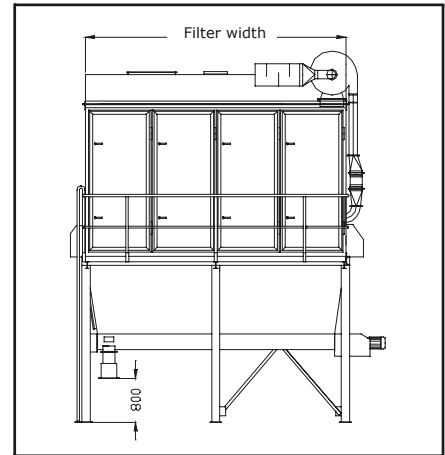
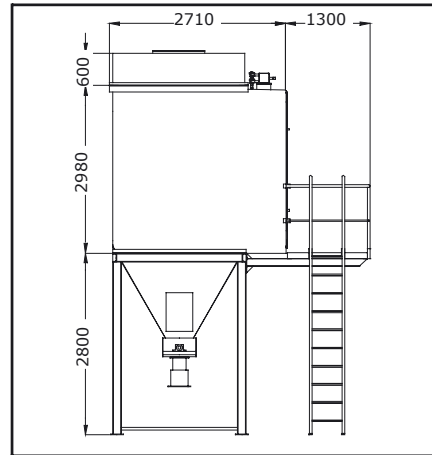
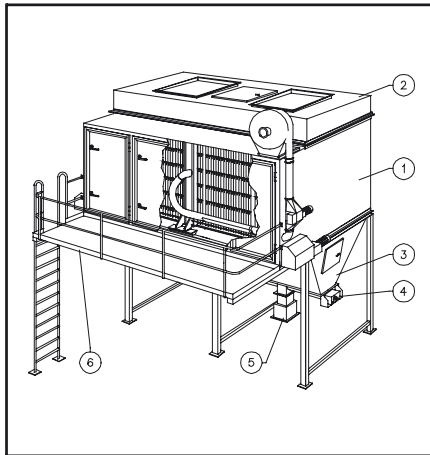




NFS 7 Surface filter with reverse air cleaning



The NEOTECHNIK surface filter NFS operates fully automatically with a reverse air cleaning system. This custom-made filter allows economic operation with a constantly low filter

differential pressure. The blowing impulses are generated by an impulse transmitter in a fixed position. This transmitter is fed by an impulse air fan and the transmission of the

cleaning impulses to the mobile cleaning trolley is effected via a flexible metal tube.

Type	Filter bags quantity	Filter surface m ²	Filter width mm	Impulse air fan	Weight kg
NFS 701	70	105 (74)	811	1	3 700
NFS 710	112	168 (137)	1 153	1	4 200
NFS 702	154	231 (200)	1 552	1	4 800
NFS 711	196	294 (263)	1 894	1	5 300
NFS 720	238	357 (326)	2 236	1	6 000
NFS 712	280	420 (389)	2 635	1	6 600
NFS 721	322	483 (452)	2 977	1	7 100
NFS 730	364	546 (515)	3 319	1	7 900
NFS 722	406	609 (578)	3 718	1	8 400
NFS 731	448	672 (641)	4 060	1	9 000
NFS 740	490	735 (672)	4 402	2	9 900
NFS 732	532	798 (735)	4 801	2	10 500
NFS 741	574	861 (798)	5 143	2	11 000
NFS 750	616	924 (861)	5 485	2	11 600
NFS 742	658	987 (924)	5 884	2	12 200
NFS 751	700	1 050 (987)	6 226	2	12 900
NFS 760	742	1 113 (1 050)	6 568	2	13 400
NFS 752	784	1 176 (1 113)	6 967	2	14 000
NFS 761	826	1 239 (1 176)	7 309	2	14 500
NFS 770	868	1 302 (1 239)	7 651	2	15 100
NFS 762	910	1 365 (1 302)	8 050	2	15 700
NFS 771	952	1 428 (1 365)	8 392	2	16 300
NFS 780	994	1 491 (1 397)	8 734	3	17 200
NFS 772	1 036	1 554 (1 460)	9 133	3	18 000
NFS 781	1 078	1 617 (1 523)	9 475	3	18 500
NFS 790	1 120	1 680 (1 586)	9 817	3	19 100
NFS 782	1 162	1 743 (1 649)	10 216	3	19 700
NFS 791	1 204	1 806 (1 712)	10 558	3	20 200

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:

- q Impulse fan
- q Impulse transmitter
- q Connection ducts
- q Cleaning trolley
- q Drive gear

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 Rotary furnace
- 2 Al chips drying
- 3 Al melting furnace
- 4 Steel foundry
- 5 Induction- and holding furnace



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