



Plus



Easy maintenance/replacement of the filter



Stainless steel AISI 316 L available



Moulded container



Suction arms



Cotrainer release system



Ruote antitraccia



Bag-In Bag-Out system for a safe filter change



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- ☐ please call me by phone
☐ I need a visit of a vacuums specialist
☐ please send me free documentation

White line

on model _____
Company: _____ Mrs./Mr.: _____
Function: _____ Address: _____
ZIP: _____ City: _____ Prov./State: _____
Tel.: _____ Fax: _____ Mobile: _____
E-mail: _____



White Line



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Nilfisk-CFM White Line: hygiene, quality, safety
ATEX and TUV (L, M, H) certified



Food



Pharmaceutical



Chemical



Electronics



Packaging



Laser



Cosmetic

As world leader of the industrial vacuums market, Nilfisk-CFM has continually dedicated time and resources to developing “special” products for unique and specific applications. The most demanding markets in this respect are beyond any doubt the pharmaceutical, chemical, cosmetic, food, electronics, laser and packaging industries. For these markets Nilfisk-CFM created and continues to develop a separate and dedicated range of products: the white range. Designed to comply with the strictest European and worldwide norms, today Nilfisk-CFM's white range is capable of satisfying the most sophisticated needs, even when used in hazardous environments, in full compliance with the new ATEX regulations.



Dust controls in pharmaceutical production

Mobile units

The white range three-phase vacuums represent the most advanced technological solution for pharmaceutical and food powder recovery and extraction. Main features:

- Small footprint
- Release lever to easily lower and remove container
- Large filter surface with filter-shaker
- Very quiet
- HEPA filter (upstream and downstream)
- Manometer to monitor suction performance

Both models are available in painted or stainless steel (standard AISI 304, but also AISI 316L if required), in the flame-proof version (ATEX approved), or fitted with special filters for toxic powders, according to the new L-M-H categories.

Horizontal fixed units

These very small vacuums are ideal for extracting and recovering small quantities of dust or small trimmings. Thanks to their horizontal layout these compact vacuums represent the perfect solution when only limited space is available, especially where height is a problem. Here are some of these models' main features:

- possibility to separate the motor from the container,
- three-phase induction continuous duty motor,
- polyester high performance filter
- extremely low noise level (down to 62 dB/A)
- extra small footprint



Collection from a blistering machine



Collection from a tablet compressing machine

Vertical fixed units

Just like the horizontal versions, these extremely compact units are mainly used to recover small quantities of dust and trimmings. The layout is vertical, with the motor set inside a strong steel chassis, beneath the container. The 1.6 kW version (model 3151, equivalent to horizontal model 150/36) comes equipped with a manual filtershaker and a quick fitting inlet.

R models

CFM white range R models were designed specifically to extract the trimmings directly and continuously from process machines.

The most common applications are:

- textile industry (trimmings and dust generated by production)
- packaging industry (nylon/plastic trimmings)
- paper industry (fine cutting and trimming).

Main features

- Porthole for visual monitoring of material level inside the container
- High efficiency and performance thanks to motor placed directly under the container
- 4 kW version with motor fitted inside the chassis, behind the large 215-litre container (model 3507WR).



Small size for small spaces

Technical Data

	u.m.	MOBILE UNITS			R MODELS			
		3156	3306	R104	R154	R155	R305	3507WR
Motor	kW (HP)	1,6 (2,0)	2,2 (3,0)	0,85 (1,1)	1,1 (1,5)	1,1 (1,5)	2,2 (3,0)	4,0 (5,5)
Tension	Volt	230-400	230-400	230-400	230-400	230-400	230-400	230-400
Protection	IP	55	55	55	55	55	55	55
Insulation	Classe	F	F	F	F	F	F	F
Main filter area	cm²	7.000	19.500	-	-	-	-	-
Max waterlift	mmH ₂ O	2.400	3.100	2.200	2.300	2.300	3.100	3.100
Max airflow	l/min	3.200	4.600	2.400	3.200	3.200	4.600	8.500
Noise level	dB/A	68	71	68	72	72	75	74
Capacity	litri	25	48	114	114	150	150	215
Inlet (Ø)	mm	50	70	50	50	50	50	70
Size (L x W x H)	cm	78x48x134	88x58x159	56x120	56x120	66x125	66x125	120x70x140
Weight	kg	72	115	38	40	55	61	155
MPPS Efficiency	%	99,995	99,995	-	-	-	-	-
Absolute filter area	cm²	48.500	72.500	-	-	-	-	-
Larger filter surface	cm²	13.000	29.000	-	-	-	-	-

	u.m.	VERTICAL FIXED UNITS			HORIZONTAL FIXED UNITS			
		3051	3101	3151	040/22	100/28	100/36	150/36
Motor	kW (HP)	0,37 (0,5)	0,85 (1,1)	1,6 (2,0)	0,37 (0,5)	0,85 (1,1)	0,85 (1,1)	1,6 (2,0)
Tension	Volt	230-400	230-400	230-400	230-400	230-400	230-400	230-400
Protection	IP	55	55	55	55	55	55	55
Insulation	Classe	F	F	F	F	F	F	F
Main filter area	cm²	2.300	2.300	4.250	1.350	2.300	4.250	4.250
Max waterlift	mmH ₂ O	1.300	2.200	2.400	1.300	2.200	2.200	2.400
Max airflow	l/min	1.300	2.400	3.300	1.300	2.400	2.400	3.300
Noise level	dB/A	62	63	67	62	65	65	68
Capacity	litri	9	9	25	3	9	25	25
Inlet	mmØ	40	40	50	40	40	50	50
Size (L x W x H)	cm	42x38x82	42x38x82	54x45x105	29x52x40	37x70x48	48x77x67	48x77x97
Weight	kg	24	28	42	18	22	31	39
Absolute filter	cm²	11.000	11.000	11.000	-	11.000	11.000	11.000
MPPS Efficiency	%	99,995	99,995	99,995	-	99,995	99,995	99,995

Small footprints, ergonomic, practical and flexible

