

The right choice

Vacuum Cleaners

Powerful, efficient and silent vacuum cleaning.
For every application!



▲ **Dust extractor**
Controlled by your electric or pneumatic hand tools, these automatic machines also provide the high-speed airflow necessary to handle fine dust. Look for -2x or -3x models in any series.

▲ **Health & Safety**
If you are working with hazardous or explosive dust, see the complete range of Health & Safety vacuums for Class L, M, H, Asbestos, Type 22 and ATEX Zone 2 beginning on page 55.

The right choice

Nilfisk-ALTO offers a complete range of innovative and powerful Wet & Dry vacuum cleaners - all designed to accommodate the most demanding professional's cleaning needs - but each one of them designed to match a specific level of requirements, in terms of suction power and important features such as very low noise level and high performance, automatic or semi-automatic filter cleaning.

When you have studied the program, you will realise why we are the better alternative.

ATTIX 761-21 XC

Model Name Machine Class

3 = ATTIX 3
5 = ATTIX 5
6 = SQ 6
7 = ATTIX 7
8 = SQ 8

Drive

5 = Uni-motor
6 = Uni-motor with filter cleaning system
9 = EC-drive

Container Type

0 = Fixed
1 = Tiltability & Removable
3 = External

Feature Class

0 = Basic type
1 = Convenience outlet
2 = AutoOnOff for electric power tool
3 = AutoOnOff for electric and pneumatic tool
6 = Liquid vacuum
7 = Fire brigade vacuum

Special Types (e.g. Dust class, etc.)

1 = CE
M = M + L
H = H + M + L + Asbestos
M/B1 = M + L + Type 22
XC = XtremeClean Filter cleaning system
ED = EasyDisposal



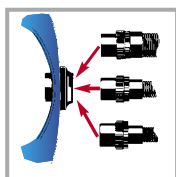
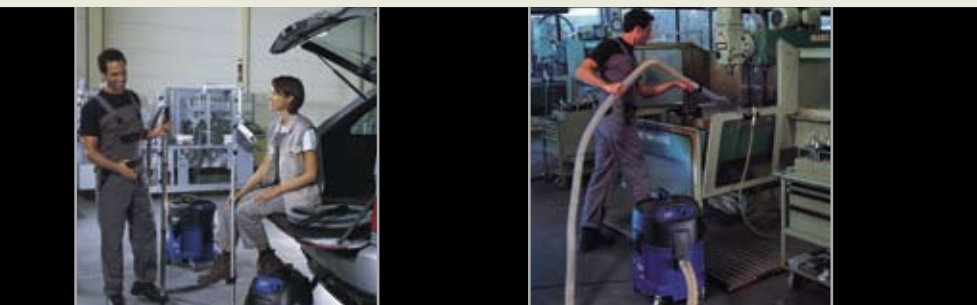
▲ **Liquid Vac - Fire Brigade**
Ideal for disaster recovery such as floods or fires, these machines will pick up water at 200 l/m and discharge it automatically as much as 9 m higher than the machine or more than 50m away from the machine. See page 51 for details.

▲ **Industrial vacuum cleaning**
High volume and airflow make these models perfect for stationary applications and for extra heavy-duty applications. Nilfisk-ALTO DYNAMICS can support multiple operators. See page 54 for details.

Why
compromise

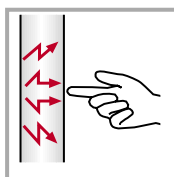
Vacuum Cleaners

... and their features and benefits



MultiFit

A universal inlet fitting which makes it possible to connect every accessory to any of our vacuum cleaners without any problems.



AntiStatic

A conductive discharger link between inlet fitting and earth, preventing sparks and shocks.



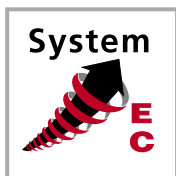
FlowSensor

Sounds an alarm if the air flow drops below a critical volume in Safety Vacs.



HighFiltration

Already the Nilfisk-ALTO standard vacuums offer a high filtration level. But it can even be improved by using HEPA-filters or working with M or H class safety vacs.



EC-Drive

A brushless, ignition-source-free single-phase EC motor that is electronically regulated for precise power control.



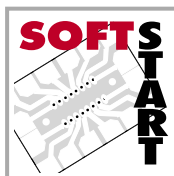
AutoOnOff

The vacuum switches on and off automatically with electric or pneumatic tools.



2 Motors

Double the power against the toughest dirt. The 2 Motor concept guarantees maximum suction power and huge performance reserved for specific applications.



SoftStart

Limiting the starting power, saves the fuses, reduces wear and tear and adds to the motor's life-expectancy.

XtremeClean
Automatic Filter Cleaning

Push&Clean
FilterCleaningsm

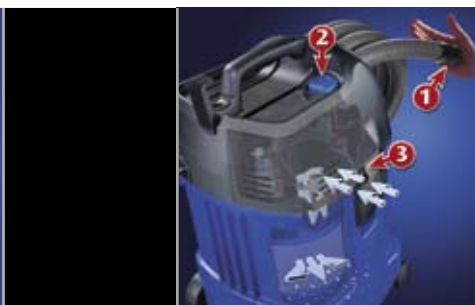
EasyDisposal

SilentPower
Quiet Impact



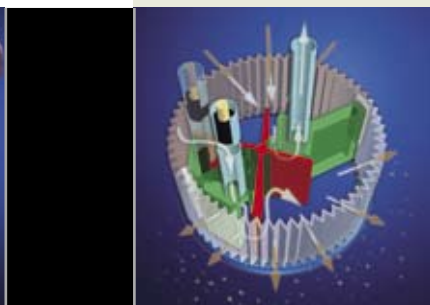
▲ ED - Easy Disposal

Allows the operator to dispose the dirt when convenient instead of having a full container all the time. When the bag is filled, you simply remove it, tie the top, and set it aside. At the end of the day, take the filled bags away for disposal in one trip.



▲ Push&Clean

For fast and simple filter cleaning. ① Block the inlet fitting or the hose and ② Push and release the filter cleaning button, and ③ The filter is cleaned.



▲ XtremeClean

The filter is automatically cleaned without interrupting your work for even a second. Industry-leading innovation = Amazing performance.

Wet & Dry Vacuum Cleaners



ATTIX 761-21 XC ▲



ATTIX 791-21 ▲
ATTIX 751-21



ATTIX 751-11 ▲

High capacity, high performance and feature-rich solutions for your vacuuming tasks. The Nilfisk-ALTO ATTIX 7 delivers high efficiency and the perfect solution with options like AutoOnOff, XtremeClean, and the long-life EC motor. The stainless steel containers on the Nilfisk-ALTO ATTIX 7 Wet & Dry vacuums can be emptied by tilting or removal, to save time and effort.

		AutoOnOff XtremeClean		Manual	
		ATTIX 761-21 XC • XtremeClean filter cleaning system • AutoOnOff for electric tools* • AntiStatic • Speed control • SoftStart	ATTIX 791-21 • Longlife EC motor drive • AutoOnOff for electric tools* • AntiStatic • Speed control • SoftStart	ATTIX 751-21 • AutoOnOff for electric tools* • AntiStatic • Speed control • SoftStart	ATTIX 751-11 • Convenience outlet on panel • AntiStatic-ready • SoftStart
Technical Data:					
Air flow rate	l/min.	3600	3800	3600	3600
Vacuum	mbar/kPa	230/23	250/25	230/23	230/23
Power	P _{max}	W 1500	1500	1500	1500
	P _{IEC}	W 1200	1200	1200	1200
Mains connection	V~/Hz	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60
Sound level	dB(A)	57	59	57	57
Container volume	l	70	70	70	70
Dimensions L x W x H	mm	605 x 580 x 970	605 x 580 x 970	605 x 580 x 970	605 x 580 x 970
Weight w/o accessories	kg	27	25	25	25
Cable	m	7.5	7.5	7.5	7.5
Standard Accessories:					
Suction hose, Ø 27 mm, 3.5 m, AS		● 15325	● 15325	● 15325	
Suction hose, Ø 36 mm, 4 m					● 25537
Hand tube, stainless steel					● 46691
Tool adapter		● 18195	● 18195	● 18195	
Rubber nozzle					● 5067
Filter element, PET fleece		● 302000726	● 302000461	● 302000461	● 302000461
Filter bag		● 302001484	● 302001484	● 302001484	● 302001484
Disposal bag		● 302001480			
Cable holder		●	●	●	●

Special Purpose Vacuums

Liquid and EasyDisposal



**Nilfisk
ALTO**
Why Compromise

Sets from page 64

Accessories from page 66



ATTIX 751-61 ▲



ATTIX 751-71 ▲



ATTIX 763-21 ED ▲

XtremeClean
Automatic Filter Cleaning System
SilentPower
Quiet Impact
EasyDisposal
Wap KEW
TECHNOLOGIES

Cleaning up the water from a flood is easier with the Liquid Vacuum (751-61), and the Fire Brigade (751-71) version is specially configured for easy transport and access to confined areas. Both will pick up 200 l/min. and automatically discharge the water up to 9 m higher than the machine, or 50m away. The Nilfisk-ALTO ATTIX 7 EasyDisposal machine puts the waste directly in a disposable bag... nothing could be simpler.

Technical Data:		ATTIX 751-61	ATTIX 751-71	ATTIX 763-21 ED
Air flow rate	l/min.	3600	3600	3800
Vacuum	mbar/kPa	230/23	230/23	230/23
Power	P _{max}	1500	1500	1700
	P _{IEC}	1200	1200	1400
Mains connection	V~/Hz	230/1~/50-60	230/1~/50-60	230/1~/50-60
Sound level	dB(A)	57	57	57
Container volume	l	-	-	30
Dimensions L x W x H	mm	605 x 580 x 970	510 x 480 x 875	605 x 580 x 1230
Suction / Discharge capacity	l/min.	200/300	200/300	
Weight w/o accessories	kg	33	31	30
Cable	m	7.5	10	7.5
Standard Accessories:				
Suction hose, Ø 36 mm, 3,5 m			● 302001677	
Suction hose, Ø 36 mm, 5 m, AS				● 302001682
Hand tube, stainless steel			● 46691	● 46691
Extension tubes, stainless steel			● 15546	● 15546
Floor nozzle			● 15349	● 15348
Crevice tool			● 6084	
Filter sieve		● 15475	● 15475	
Tool adapter				● 302000535
Filter element, PET fleece				● 302000726
Disposal bag				● 302001629
Debris basket		● 302001434	● 302001434	

*External AutoOnOff-unit for pneumatic tools - Airbox 302001192

Wet & Dry Vacuum Cleaners



XtremeClean
Automatic Filter Cleaning System
SilentPower
Quiet Impact



ATTIX 560-31 XC ▲

ATTIX 560-21 XC ▲

ATTIX 550-21 ▲

ATTIX 590-21 ▲

ATTIX 590-21 CLEAN ROOM

ATTIX 550-11 MOBIL ▲

ATTIX 550-01 ▲

Nilfisk-ALTO ATTIX 5 delivers the superior suction power and quiet operation you expect from a leader in the Wet & Dry vacuum industry... And you can also get the fully automatic XtremeClean filter cleaning system on the Nilfisk-ALTO ATTIX 5 XC models. The perfect solution for your workshop, garage, production facility or farm.

			AutoOnOff XtremeClean				Manual		
			ATTIX 560-31 XC • XtremeClean Filter Cleaning System • SoftStart • AutoOnOff for pneumatic and electric tools • Speed governor • Accessory holder • Tool tray • AntiStatic	ATTIX 560-21 XC • XtremeClean Filter Cleaning System • SoftStart • AutoOnOff for electric tools* • Speed governor • Accessory holder • Tool tray • AntiStatic	ATTIX 590-21 • Compact unit w/longlife EC-drive • AutoOnOff for electric tools* • Delayed action shut- down on automatic mode • Speed governor • SoftStart • AntiStatic	ATTIX 590-21 CLEAN ROOM • Compact unit w/longlife EC-drive • AutoOnOff for electric tools* • Delayed action shut- down on automatic mode • Speed governor • SoftStart • AntiStatic	ATTIX 550-21 • SoftStart • AutoOnOff for electric tools* • Speed governor • Accessory holder • Tool tray • AntiStatic	ATTIX 550-11 MOBILE • SoftStart • Convenience Socket • Accessory holder • Tool tray • AntiStatic • Folding handle	ATTIX 550-01 • SoftStart • Accessory holder • Tool tray • AntiStatic- ready • Cable holder
Technical Data:									
Air flow rate		l/min.	3600	3600	3800	3600	3600	3600	3600
Vacuum		mbar/kPa	230/23	230/23	250/25	230/23	230/23	230/23	230/23
Power	P _{max}	W	1500	1500	1500	1500	1500	1500	1500
	P _{IEC}	W	1200	1200	1200	1200	1200	1200	1200
Mains connection		V/~ /Hz	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60
Sound level		dB(A)	57	57	59	57	57	57	57
Container volume		l	45	45	45	45	45	45	45
Dimensions L x W x H		mm	506 x 476 x 655	506 x 476 x 655	506 x 476 x 655	506 x 476 x 655	506 x 476 x 655	506 x 476 x 655	506 x 476 x 655
Weight w/o accessories		kg	16	16	14	14	14	14	14
Cable		m	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Standard Accessories:									
Suction hose, Ø 36 mm, 3 m								● 46948	● 46948
Suction hose, Ø 27 mm, 3.5 m, AS			● 15325	● 15325	● 15325	● 15325	● 15325		
Curved hand tube, Cr-plated								● 15546	● 302000528
Extension tubes, Cr-plated								● 46691	● 302000529
Tube holder									● 302000821
Professional floor nozzle Combi								● 302000521	● 302000521
Crevice nozzle								● 6084	● 6084
Tool adapter			● 18195	● 18195	● 18195	● 18195	● 18195		
Filter element, PET fleece			● 302000726	● 302000726	● 302000461		● 302000461	● 302000461	● 302000461
Filter element, Glassfiber						● 302000658			
Filter bag					● 302000527	● 302000527	● 302000527	● 302000527	● 302000527
Disposal bag			● 302000728	● 302000728					

Wet & Dry Vacuum Cleaners



**Nilfisk
ALTO**
Why Compromise

Sets from page 64

Accessories from page 66

Push&Clean
FilterCleanings™
SilentPower
Quiet Impact

**Wap
KEW**
TECHNOLOGIES



ATTIX 360-21 ▲



ATTIX 360-11 ▲



ATTIX 350-01 ▲

Nilfisk-ALTO ATTIX 3 is a compact and flexible vacuum cleaner... the perfect solution when space is limited, and for craftsmen and other professionals on the move. And when you see Nilfisk-ALTO ATTIX 3, you will understand that being compact doesn't mean it is short on features or performance.

AutoOnOff

ATTIX 360-21

- Push&Clean Filter Cleaning System
- SoftStart
- AutoOnOff for electric tools*
- Speed governor
- Accessory holder
- Tool tray
- AntiStatic-ready
- Suction power control on hand tube

Manual

ATTIX 360-11

- Push&Clean Filter Cleaning System
- Appliance plug socket
- Accessory holder
- Tool tray
- AntiStatic-ready
- Extensive accessories
- Suction power control on hand tube

ATTIX 350-01

- Accessory holder
- Tool tray
- Suction power control on hand tube

Technical Data:

Air flow rate	l/min.	3600	3600	3600
Vacuum	mbar/kPa	230/23	230/23	230/23
Power	P _{max}	W 1500	1500	1500
	P _{IEC}	W 1200	1200	1200
Mains connection	V/~ /Hz	230/1~/50-60	230/1~/50-60	230/1~/50-60
Sound level	dB(A)	59	59	59
Container volume	l	27	27	27
Dimensions L x W x H	mm	390 x 380 x 570	390 x 380 x 570	390 x 380 x 570
Weight w/o accessories	kg	10	10	10
Cable	m	7.5	7.5	7.5

Standard Accessories:

Suction hose, Ø 32 mm, 3 m	● 302000473 **	● 302000473 **	● 302000473 **
Extension tubes, alu.	● 302000478	● 302000478	● 302000478
Tube holder	● 60609	● 60609	● 60609
Floor nozzle, combi	● 302000477	● 302000477	● 302000477
Crevice nozzle	● 6084	● 6084	● 6084
Brush nozzle		● 6086	
Universal nozzle		● 14295	
Tool adaptor	● 60916		
Filter element, PET fleece	● 302000461	● 302000461	● 302000461
Filter bag	● 302000449	● 302000449	● 302000449
Cable holder	●	●	●

*External AutoOnOff-unit for pneumatic tools - Airbox 302001192

**Includes curved hand tube, plastic

● Standard accessories

Industrial Vacuums



Sets from page 64

Accessories from page 66



DYNAMICS 840 ▲
DYNAMICS 440



TURBO D ▲



SQ 850-11 ▲

Industrial Vacuums are specifically designed to stand up to constant use in difficult applications. Nilfisk-ALTO DYNAMICS can be connected to piping systems for automatic operation with multiple users, and the Nilfisk-ALTO TURBO D provides quiet mobile power wherever you need it. The Nilfisk-ALTO SQ 850 machine provides 2-motor power in a mobile package.

DYNAMICS 840

- Two motors with side channel turbine
- Semi automatic filter cleaning system
- Convenient emptying of container
- Stainless steel container

DYNAMICS 440

- One motor with side channel turbine
- Convenient emptying of container
- Stainless steel container

TURBO D

- Mobile and quiet
- Large container volume
- Stainless steel container
- Sturdy chassis

SQ 850-11

- Two motors
- Drain hose for easy emptying
- Dirty filter indicator
- Filter cleaning
- Microprocessor control
- SoftStart
- Two speeds

Technical Data:

Air flow rate	l/min.	12900	7200	5500	2x3800
Vacuum	mbar/kPa	230/23	230/23	220/22	230/23
Power	P _{max}	W	8000	4000	2500
	P _{IEC}	W	5600	3300	2200
Mains connection	V/~ /Hz	400/3~/50	400/3~/50	400/3~/50	230/1~/50-60
Sound level	dB(A)	67	64	61	67
Container volume	l	100	100	85	80
Dimensions L x W x H	mm	1240 x 735 x 1370	1240 x 735 x 1370	630 x 860 x 980	620 x 615 x 950
Weight w/o accessories	kg	245	195	76	30
Cable	m	5	5	5.5	7.5

Standard Accessories:

Filter element	● 34931	● 34931	● 41164	● 61605
Filter bag			● 14912	● 61603
Removal sack				● 60676

Health & Safety Vacuum Cleaners

- Wet & Dry



Sophistication in engineering

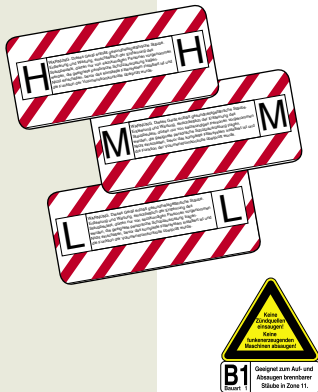
As particle sizes of hazardous dusts are measured in less than 0.1 micron, it goes without saying, that sophisticated technology combined with years of experience and expertise are crucial factors when choosing the supplier of your Health and Safety vacuum cleaner.

Approved for professionals

Working with hazardous dust demands the highest level of safety to ensure maximum health protection. Nilfisk-ALTO offers Health and Safety vacuum cleaners for Hazardous dust classes - L (light), M (medium), H (high), and Asbestos, as well as Explosive dusts, Type 22. Furthermore all Nilfisk-ALTO Type 22 Safety Vacs are ATEX compliant. All our solutions meet the new pan-European standards and bear all the necessary statutory test symbols. The entire range is designed for professionals who also demand low noise operation, ergonomics, long-life and reliable performance.

A solution for any need

The handling of hazardous dust is a complex matter that demands innovative product development and competent engineering. As a specialist, Nilfisk-ALTO offers proven, state-of-the-art solutions in every Hazard Class involving the demanding task of picking up health endangering dusts.



Why
compromise

Safety Vacuum Systems – Application Categories

Since 1997 EN 60335-2-69, IEC 60335-2-69		Hazard Types
Dust classe / Zone	Max. permeability	
L	1%	Removes 99 % of: • Dusts with OEL values > 1mg/m ³
M	0.1%	Removes 99,9 % of: • Dusts with OEL values > 0.1mg/m ³ • Wood dust
H	0,005%	Removes 99,995 % of: • Dusts with OEL values • Carcinogenic dusts • Dusts with germs or bacteria
Asbestos requirement	as H	• Asbestos dust
Explosive dusts (ATEX Zone 22)	Type 22: As Dust Class L, M or H, with additional requirements	• Dusts of dust explosion classes St1, St2 and St3 in ATEX Zone 22 (previously zone 11)
Explosive Gases (ATEX Zone 2)	Separate approval for Zone 2	• Flammable gases present less than 10 hr/year

All Nilfisk-ALTO
Type 22 Safety
Vacuums are
ATEX compliant!

Health & Safety Vacuum Cleaners

- Dust Class H + Asbestos



XtremeClean
Automatic Filter Cleaning System

Push&Clean
Filter Cleaning System

SilentPower
Quiet Impact



ATTIX 560-2H XC ▲
ATTIX 550-2H

ATTIX 751-0H ▲

ATTIX 550-0H ▲

ATTIX 360-2H ▲
ATTIX 360-0H

Regulations require that hazardous dust of Class H (including carcinogens like asbestos) be handled by special equipment to protect the health of the operators. Nilfisk-ALTO has a Dust Class H vacuum for every need and application... There is even an XtremeClean version for people who work all day, every day.



AutoOnOff

XtremeClean

ATTIX 560-2H XC

- XtremeClean filter cleaning system
- AutoOnOff for electric tools*
- Speed governor
- SoftStart
- Accessory holder
- Tool tray

ATTIX 550-2H

- AutoOnOff for electric tools*
- Speed governor
- SoftStart
- Accessory holder
- Tool tray

ATTIX 360-2H

- Push&Clean filter cleaning system
- AutoOnOff for electric tools*
- Speed governor
- SoftStart
- Accessory holder
- Tool tray

Manual

ATTIX 751-0H

- Stainless steel container
- Tilting for easy emptying
- AntiStatic-ready
- SoftStart
- Tool tray

ATTIX 550-0H

- SoftStart
- Accessory holder
- Tool tray

ATTIX 350-0H

- SoftStart
- Accessory holder
- Tool tray

Technical Data:

Air flow rate	l/min.	3600	3600	3600	3100	3100	3100
Vacuum	mbar/kPa	230/23	230/23	230/23	230/23	230/23	230/23
Power	P _{max}	1500	1500	1500	1200	1200	1200
	P _{IEC}	1200	1200	1200	1000	1000	1000
Mains connection	V/~ /Hz	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60
Sound level	dB(A)	57	57	59	57	57	59
Container volume	l	45	45	27	70	45	27
Dimensions L x W x H	mm	506 x 476 x 655	506 x 476 x 655	390 x 380 x 570	605 x 580 x 970	506 x 476 x 655	390 x 380 x 570
Weight w/o accessories	kg	16	16	10	25	16	10
Cable	m	7.5	7.5	7.5	7.5	7.5	7.5

Standard Accessories:

Suction hose, Ø 36 mm, 3 m				● 46948	● 46948	● 46948
Suction hose, Ø 27 mm, 3.5 m, AS	● 15325	● 15325	● 15325			
Curved hand tube, stainless steel				● 46691	● 46691	● 46691
Diagonal rubber nozzle				● 5067	● 5067	● 5067
Tool adapter	● 18195	● 18195	● 18195			
Filter element	● 302001134	● 302000658	● 302000658	● 302000658	● 302000658	● 302000658
Filter bag	● 302001143	● 302001141	● 302001040	● 302001486	● 302001141	● 302001040
Disposal bag	● 302000728					
Cable holder	●	●	●	●	●	●

These vacuum cleaners permit picking up dusts from dust classes L, M and H. These include all health-endangering dusts with OEL values, all carcinogenic dusts and dusts contaminated with germs and bacteria.

Health & Safety Vacuum Cleaners

- Dust Class M



**Nilfisk
ALTO**
Why Compromise

Sets from page 64

Accessories from page 66



ATTIX 761-2M XC ▲
ATTIX 751-2M



ATTIX 763-2M ED ▲



ATTIX 560-2M XC ▲
ATTIX 550-2M



ATTIX 360-2M ▲

XtremeClean
Automatic Filter Cleaning System

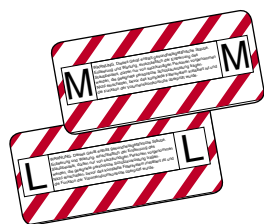
Push&Clean
FiberCleaning®

SilentPower
Quiet Impact

**Wap
KEW**

TECHNOLOGIES

Hazardous dust of Class M requires special equipment to protect the health of the operator, and Nilfisk-ALTO's proven competence in this field makes the Nilfisk-ALTO ATTIX a clear choice. Whatever your needs, there is sure to be an answer below. The choice is yours.



AutoOnOff

XtremeClean

ATTIX 761-2M XC

- XtremeClean filter cleaning system
- AutoOnOff for electric tools*
- Stainless steel container
- Tilting for easy emptying
- AntiStatic
- SoftStart

ATTIX 560-2M XC

- XtremeClean filter cleaning system
- AutoOnOff for electric tools*
- Speed governor
- SoftStart
- Accessory holder

ATTIX 763-2M ED

- XtremeClean filter cleaning system
- AutoOnOff for electric tools*
- Quickly change the bag instead of emptying the container
- SoftStart

ATTIX 751-2M

- AutoOnOff for electric tools*
- Stainless steel container
- Tilting for easy emptying
- AntiStatic
- SoftStart

ATTIX 550-2M

- AutomOnOff for electric tools*
- Speed governor
- SoftStart
- Accessory holder

ATTIX 360-2M

- Push & Clean filter cleaning system
- AutoOnOff for electric tools*
- Speed governor
- SoftStart
- Accessory holder

Technical Data:

Air flow rate	l/min.	3600	3600	3600	3600	3600	3600
Vacuum	mbar/kPa	230/23	230/23	230/23	230/23	230/23	230/23
Power	P _{max}	1500	1500	1500	1500	1500	1500
	P _{IEC}	1200	1200	1200	1200	1200	1200
Mains connection	V/~ /Hz	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60
Sound level	dB(A)	57	57	57	57	57	59
Container volume	l	70	45	30	70	45	27
Dimensions L x W x H	mm	605 x 580 x 970	506 x 476 x 655	605 x 580 x 1284	605 x 580 x 970	506 x 476 x 655	390 x 380 x 570
Weight w/o accessories	kg	27	16	30	25	14	10
Cable	m	7.5	7.5	7.5	7.5	7.5	7.5

Standard Accessories:

Suction hose, Ø 36 mm, 5 m, AS			● 302001682			
Suction hose, Ø 27 mm, 3.5 m, AS	● 15325	● 15325		● 15325	● 15325	● 15325
Curved hand tube, stainless steel			● 46691			
Extension tube, stainless steel			● 15546			
Large area floor tool			● 15348			
Tool adapter	● 18195	● 18195	● 302000535	● 18195	● 18195	● 18195
Filter element	● 302000726	● 302000726	● 302000726	● 302000461	● 302000461	● 302000461
Filter bag	● 302001484	● 302001138		● 302001484	● 302000527	● 302000449
Disposal bag	● 302001480	● 302000728	● 302001629			
Cable holder	●	●	●	●	●	●

*External AutoOnOff-unit for pneumatic tools - Airbox 302001192

Health & Safety Vacuum Cleaners

- Dust Class Type 22 & Zone 2



All Nilfisk-ALTO Type 22-safety vacuum cleaners are ATEX compliant in the Zone 22

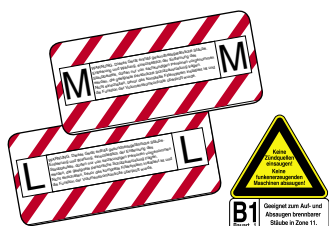


▲ DYNAMICS 840 M/B1
DYNAMICS 440 M/B1



▲ TURBO D/X-B1
TURBO D-B1

Explosive dust is classified as an ATEX Type 22 application, and equipment made to handle it is specifically designed to prevent explosions. Nilfisk-ALTO's long experience and proven competence with Type 22 vacuum cleaners will put your mind at ease.



DYNAMICS 840 M/B1

- Two motors with side channel turbine
- Microprocessor control
- Automatic filter cleaning system for constant suction power
- Container emptying with set-down mechanism

DYNAMICS 440 M/B1

- One motor with side channel turbine
- Microprocessor control
- Automatic filter cleaning system for constant suction power
- Container emptying with set-down mechanism

TURBO D/X-B1

- ATEX compliant in **Zone 2**
- Mobile and quiet
- Stainless steel container, removable
- Sturdy chassis

TURBO D-B1

- Mobile and quiet
- Stainless steel container, removable
- Sturdy chassis

Technical Data:

Air flow rate	l/min.	12900	7200	5200	5500
Vacuum	mbar/kPa	230/23	230/23	200/20	200/20
Power	P _{max}	W	8000	4000	2400
	P _{IEC}	W	5600	3300	1800
Mains connection	V/~ /Hz	400/3~/50	400/3~/50	400/3~/50	400/3~/50
Sound level	dB(A)	67	64	61	61
Container volume	l	100	100	85	85
Dimensions L x W x H	mm	1240 x 735 x 1370	1240 x 735 x 1370	630 x 860 x 980	630 x 860 x 980
Weight w/o accessories	kg	245	195	80	76
Cable	m	5	5	5.5	5.5

Standard Accessories:

Filter element	● 34931	● 34931	● 41164	● 41164
Filter bag			● 33209	● 33209
Cable holder			●	●

The ATEX directive:

ATEX is a directive of the EC (94/9/EC, in force since 1 July, 2003) and it establishes the protection criteria that a manufacturer must meet to produce equipment for Type 22 applications, as well as standards for users of machines in Type 22 environments. All products that are designated to be used in explosive areas are affected by the ATEX directive.

The ATEX directive & accessories:

For safety vacuum cleaners tested to application category Type 22 (BIA B1) the law requires that only approved special conductive accessories that are unique to the machine are used. (Special Type 22 accessories can be found in this catalogue or at www.nilfisk-alto.com).

Health & Safety Vacuum Cleaners

- Dust Class Type 22



**Nilfisk
ALTO**
Why Compromise

Only use accessories from page 63



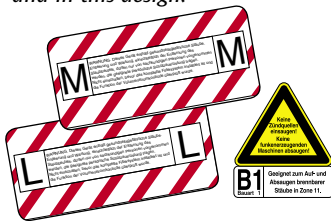
▲ SQ 890-3M/B1



▲ ATTIX 791-2M/B1

**Wap
KEW**
TECHNOLOGIES

SQ 890-3M/B1 is delivered with a three-phase plug. Using an optional adapter plug (SCHUKO (CEE7) Art. No. 302000170), it can be connected to 1~ Mains power. Only available for this machine and in this design!



Explosive dust is classified as an ATEX Type 22 application, and equipment made to handle it is specifically designed to prevent explosions. Further proof of Nilfisk-ALTO's competence in Type 22 equipment.

AutoOnOff

SQ 890-3M/B1

- Two motors
- AutoOnOff for pneumatic and electric tools
- Speed governor
- Microprocessor control
- System self-check

ATTIX 791-2M/B1

- Longlife EC motor drive
- AutoOnOff for electric tools*
- Stainless steel container
- Tilting for easy emptying
- Speed control
- SoftStart

Technical Data:

Air flow rate	l/min.	2 x 3150	3400
Vacuum	mbar/kPa	230/23	250/25
Power	P _{max}	W	1500
	P _{IEC}	W	1200
Mains connection	V/~ /Hz	400/3N~/50-60	230/1~/50-60
Sound level	dB(A)	67	59
Container volume	l	80	70
Dimensions L x W x H	mm	700 x 615 x 950	605 x 580 x 970
Weight w/o accessories	kg	32	25
Cable	m	6.5	7.5

Standard Accessories:

Suction hose, Ø 27 mm, 3.5 m, B1		● 48132
Tool adapter		● 18195
Filter element	● 61604	● 302000461
Filter support bag	● 60676	
Filter bag	● 61603	● 302001484
Drain hose	●	
Cable holder	●	●

*External AutoOnOff-unit for pneumatic tools - Airbox 302001192

Hazardous dust - in a class of its own! - how to handle the invisible opponent

Beware of explosive dust

Diseases are not the only danger. It is well-known that cotton or paper can burn but also other materials, such as flour or even metals can ignite! Many types of dust which are potentially explosive are classified as an ATEX (ATmosphere EXplosive) Type 22 application and Type 22 equipment must meet additional and very special requirements.

The presence of oxygen and an ignition source with sufficient energy and an flammable substance (gaseous, liquid or solid) are factors which can provoke an explosion. The finer the dust, the higher the risk for an explosion!
Nilfisk-ALTO safety vacuum cleaners pick up the dust, and separate them from the surrounding air. Up to 99.995% is filtered out and isolated in the container.

M These vacuum cleaners permit picking up dusts from dust classes L and M.

These include all health-endangering, non-carcinogenic dusts with OEL values $> 0.1 \text{ mg/m}^3$ and hardwood dusts.

Asbestos Asbestos dusts are only permitted to be picked up with vacuum cleaners conforming to dust class H.

In Germany they furthermore have to meet the additional requirements for asbestos.

H These vacuum cleaners permit picking up dusts from dust classes L, M and H. These include all health-endangering dusts with OEL values, all carcinogenic dusts and dusts contaminated with germs and bacteria.

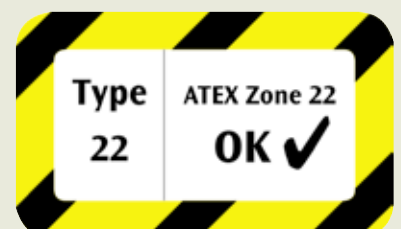
Type 22 These vacuum cleaners are approved to pick up explosive dusts as well as dusts from dust classes L and M. These include hardwood dust, all non-carcinogenic dusts with OEL values $> 0.1 \text{ mg/m}^3$ and/or inflammable dusts in ATEX Zone 22 applications.

The ATEX directive:

ATEX is a directive of the EC (94/9/EC, in force since 1 July, 2003) and it establishes the protection criteria that a manufacturer must meet to produce equipment for Type 22 applications, as well as standards for users of machines in Type 22 environments. All products that are designated to be used in explosive areas are affected by the ATEX directive. Our B1 safety vacuum systems have been tested in accordance with the appropriate standards for ATEX Zone 22 or Zone 2. ONLY Type 22 accessories must be used to ensure continued conformity to the standards.

The ATEX directive & accessories:

For safety vacuum cleaners tested to application category Type 22 (BIA B1) the law requires that only approved special conductive accessories that are unique to the machine are used. (Special Type 22 accessories can be found in this catalogue on page 63 or at www.nilfisk-alto.com).



Dry Vacuum Cleaners



SALTIX ▲

DualFilter
Double-layer filterbag + Cloth filter



FILTRA VAC 18 ▲



FILTRA VAC 14 ▲

**Wap
KEW**
TECHNOLOGIES

When the task is cleaning in a hotel or office, the Nilfisk-ALTO SALTIX is the compact, lightweight and efficient answer to your needs. The Nilfisk-ALTO FILTRA VAC has dual motors, a top-filling bag, and a unique 4-stage filtration system ... all of which makes it the professional's choice for effectiveness, efficiency, and cleaner air.

SALTIX

- Suction power control on hand tube
- Ergonomic grip
- Bumper
- DualFilter System

FILTRA VAC 18

- Airflow adjustment
- Blockage indicator light
- Accessories on board
- Pile height adjustment
- 4-stage filtration
- Dual motors
- Top-filling bag

FILTRA VAC 14

- Airflow adjustment
- Blockage indicator light
- Accessories on board
- Pile height adjustment
- 4-stage filtration
- Dual motors
- Top-filling bag

Technical Data:

Air flow rate	l/min.	3200	2000	2000
Vacuum	mbar/kPa	160/16	180/18	180/18
Power	P _{max}	W 1200	1100	1100
	P _{IEC}	W 1000	1000	1000
Mains connection	V/~ /Hz	230/1~/50-60	230/1~/50-60	230/1~/50-60
Sound level	dB(A)	57	65	65
Container volume	l	15		
Filter bag volume	l	9	6	6
Dimensions L x W x H	mm	400 x 400 x 400	230 x 460 x 1040	230 x 360 x 1040
Cleaning width	mm	250	460	360
Weight w/o accessories	kg	6	9	8
Cable	m	10	12	12

Standard Accessories:

Suction hose, Ø 32 mm	● 2.5 m, 302000473	● 1.5 m	● 1.5 m
Curved hand tube, plastic	●		
Extension tubes	● Alu, plastic coated	● Plastic	● Plastic
Floor nozzle (combi)	● 302000962		
Crevice nozzle	● 6084	● 6084	● 6084
Upholstery nozzle	● 14295	● 14295	● 14295
Cloth filter	● 302000788		
Filter bag	● 302000789	● 64895	● 64895
Exhaust air filter		●	●
Cable holder	●	●	●

Self-Service Vacuum Cleaners



◀ SB STATION MARATHON
◀ SB STATION



◀ SB TANDEM MARATHON
◀ SB TANDEM

The investment that pays off: Nilfisk-ALTO Self-Service Vacuums, always known for performance, are also available with the 'Marathon' motor... a brushless motor with a lifetime several times longer than the industry standard type. Vacuuming time adjustable. Long suction hose (4 m effective length). Machines available in oil company colours, and equipped for tokens or coins.

Single phase

SB STATION MARATHON

- Long life brushless EC single-phase drive
- Extra high vacuum power
- High air suction rate

SB TANDEM MARATHON

- Long life brushless single-phase drive
- Extra high vacuum power
- High air suction rate
- Small space requirement with high yield

SB STATION

- High vacuum power
- High air suction rate

SB TANDEM

- High vacuum power
- High air suction rate
- Small space requirement with high yield

Technical Data:

Air flow rate	l/min	4200	2 x 4200	4000	2 x 4000
Vacuum	mbar/kPa	250/25	2 x 250/25	235/23.5	2 x 235/23.5
Power	P _{max}	W	1500	1700	2 x 1700
	P _{IEC}	W	1200	1400	2 x 1400
Mains connection	V/~ /Hz	230/1~/50-60	230/1~/50-60	230/1~/50-60	230/1~/50-60
Sound level	dB(A)	75	75	75	75
Container volume	l	30	2 x 30	30	2 x 30
Dimensions L x W x H	mm	822 x 546 x 2034	1183 x 546 x 2034	822 x 546 x 2034	1183 x 546 x 2034
Weight	kg	90	115	90	115

Standard Equipment:

5 m suction hose	● 64084	● 2x64084	● 64084	● 2x64084
Crevice nozzle	● 7102	● 2x7102	● 7102	● 2x7102
Insert cloth filter	● 17069	● 2x17069	● 17069	● 2x17069
Hose retraction	●	● 2x	●	● 2x
Hose holder	● 43064	● 2x43064	● 43064	● 2x43064
Tokens, pack of 20	34173 ○	○	○	○
Tokens, pack of 50	5544 ○	○	○	○
Cloth filter for very fine dust	64009 ○	○	○	○
Suction brush	40458 ○	○	○	○
Rubber nozzle, flat	31244 ○	○	○	○
Diagonal tube nozzle	7868 ○	○	○	○
Disposal bag	64380 ○	○	○	○