

Industrial-Strength Vacuums

– for safer, cleaner and more productive facilities



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LEGEND

Available Features

Accessory Kit



HEPA Filter



ULPA Filter



Stainless Steel Construction Standard



Meets NFPA 652 Safe
Housekeeping Requirements*



Approvals

ATEX Certified



CSA Certified



ETL Listed



UL Listed



*Some modifications may be required. The NFPA does not endorse or approve specific products. The NFPA has laid out product design recommendations in Standard 652, which Nilfisk interprets in order to design compliant vacuums.



About Nilfisk Industrial Vacuums



Your Safe Choice Partner for Industrial-Strength Vacuum Cleaners

Dirt, dust, powders and other contaminants get in your way. They threaten product quality, create safety and health risks, and interfere with job productivity. For more than 50 years, Nilfisk Industrial Vacuums has made it our mission to help you stop dust in its tracks.

Nilfisk vacuums are trusted by NASA, the U.S. armed forces, and Fortune 500 food and pharmaceutical manufacturing companies. Equipped with highly-efficient HEPA filtration systems and constructed of high-quality materials, Nilfisk industrial-strength vacuums quickly and easily capture virtually every particle of debris. They are designed with the safety professional in mind — equipped to collect hazardous and potentially dangerous dust, from food scraps to pharmaceutical powders to bulk materials.

Whether you are decontaminating a cleanroom or complying with OSHA and NFPA combustible dust standards, Nilfisk Industrial vacuums will get the job done safely, thoroughly and efficiently.

Industries Served:

- Additive Manufacturing
- Aerospace
- Bakeries
- Biotechnology
- Boat Building
- Chemicals
- Cleanrooms
- Coal-Fired Power Plants
- Composites & Fiberglass
- Concrete Surface Preparation
- Construction
- Cosmetics
- Electronics
- Ethanol
- Firing Ranges
- Food Processing & Packaging
- Grain Mills
- Laboratories
- Medical & Optical
- Metalworking
- Paper/Corrugated
- Pharmaceutical Processing & Packaging
- Plastics
- Powder Coating
- Power Generation
- Printing
- Public Administration/Government
- Rubber
- Semiconductors
- Textiles
- Transportation Equipment
- Utilities
- Woodworking
- And many more ...

Industry-Leading Support

With a direct sales force and extensive dealer network, our experts help solve a variety of cleaning challenges. Customers receive on-site assessments and product demonstrations to help evaluate facility cleaning and maintenance needs.

After the sale, every customer has access to on-site product training with a local sales representative and full customer support via 1(800) NILFISK.

Nilfisk Industrial Vacuums, a division of Nilfisk, Inc. is a proud member of the following associations:



Importance of Filtration

Multi-Stage Filtration

Efficient filtration is critical to your cleaning success and the life of your industrial vacuum cleaner. All Nilfisk vacuums are equipped with graduated filtration to prevent hazardous dust from becoming airborne and contaminating your environment. It also prevents premature clogging from dust and debris and maintains suction performance.

A multi-stage system, or series of progressively finer filters, captures particles as they move through the vacuum with each level acting as a barrier to the next. By the time the particles reach the last stage, the majority of the dust and debris is contained.



Filter Cleaning Systems

A robust filter cleaning system maintains maximum suction power and filtration performance. Manual or automatic filter cleaning options allow operators to easily and safely purge caked-on dust and debris without opening the machine.

Nilfisk offers a variety of filter cleaning systems:



Manual Filter Shaker



PullClean Semi-Automatic System



PulseClean Reverse Purge Automatic Air-Powered System



InfinitiClean™ Automatic Filter Cleaning Technology

Combustible Dust Vacuums – Continuous-Duty



VHW201 / VHW211
Class II, Division 2



VHW311
Class II, Division 2



VHW321
Class II, Division 2

NFPA 652 requires all facilities handling combustible dust, even in non-classified environments, to use vacuum cleaners that meet very specific design requirements – as laid out in Section 8.4.2.2. Nilfisk offers new White Line models that not only meet NFPA requirements for safe collection of hazardous materials and dust but are NRTL-certified for use in Class II, Division 2 environments. Nilfisk White Line vacuums are designed specifically for food, pharmaceutical and OEM applications with innovative safety solutions.

Nilfisk VHW201 and VHW211 – Certified Class II, Division 2

The VHW201 and VHW211 units integrate with processing machines to collect fine powder and dust directly from the source. Compact size makes them ideal for OEMs and small footprint applications. (Standard models available; see page 10.)

Nilfisk VHW311 – Certified Class II, Division 2

The VHW311 fixed industrial vacuum integrates with processing machines to collect fine powder and dust directly from the source. (Standard model available; see page 11.)

Nilfisk VHW321 – Certified Class II, Division 2

The VHW321 three-phase, portable vacuum is ideal for use in food and pharmaceutical environments. Conical cartridge filters provide more surface area, extend filter life and resist clogging. To reduce production downtime, users can clean filters with the PullClean system while the vacuum is in use. (Standard model available; see page 11.)

Technical Specifications

Description	Unit	VHW201	VHW211	VHW311	VHW321
Collection Type	-	Dry	Dry	Dry	Dry
Type of Power	-	3-phase*	3-phase*	3-phase*	3-phase*
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575
Power @ 60 Hz	HP (W)	.67 (500)	1.27 (950)	2.75 (2050)	2.75 (2050)
Waterlift, max.	in. (mm) H ₂ O	60 (1524)	64 (1626)	88 (2235)	88 (2235)
Airflow, blower max.	CFM (L/min)	58 (1642)	102 (2888)	150 (4248)	150 (4248)
Current, max.	amps	2.5 / 1.4 / 1.0	4.1 / 2.2 / 1.8	8.8 / 4.4 / 2.95	8.8 / 4.4 / 2.95
Container Capacity	gallons (L)	1.7 (6.5)	1.7 (6.5)	6.6 (25)	6.6 (25)
Dimensions (L x W x H)	in. (mm)	41.1 x 19.1 x 16.9 (1045 x 485 x 430)	41.1 x 19.1 x 16.9 (1045 x 485 x 430)	50.2 x 28.1 x 18.3 (1275 x 715 x 465)	63.0 x 28.9 x 16.0 (1600 x 735 x 400)
Sound Pressure Level	dB(A)	56	59	64	64
Available Features	-	  	  	  	  
Approvals	-				

*Single-phase models available; see individual product sheet for more details.

Combustible Dust Vacuums – Continuous-Duty



VHW420 / VHW421 / VHW440 / VHW441
Class II, Division 2



CTS26
Class II, Division 2



T48 / T63
Class II, Division 2

NFPA 652 requires all facilities handling combustible dust, even in non-classified environments, to use vacuum cleaners that meet very specific design requirements — as laid out in Section 8.4.2.2. Nilfisk's Class II, Division 2 vacuums not only meet NFPA construction requirements, but are also NRTL-certified for use in Class II, Division 2, Groups F and G environments.

Nilfisk VHW420, VHW421, VHW440 and VHW441 — Certified Class II, Division 2

The VHW400 series of three-phase, portable vacuums are ideal for use in food and pharmaceutical environments. Featuring a smooth profile and easy-to-sanitize design, these White Line vacuums meet requirements for use in areas where hygiene is essential. Conical cartridge filters provide more surface area, extend filter life and resist clogging. To reduce production downtime, users can clean filters with the PullClean system while the vacuum is in use. (Standard models available; see page 11.)

Nilfisk CTS26, T48 and T63 — Certified Class II, Division 2

The CTS26, T48 and T63 three-phase, continuous-duty vacuum cleaners are equipped with motors from 2,600 up to 6,300 W, to fit a variety of air power and suction needs within heavy industrial applications. Daily cleaning in production areas and process manufacturing is fast and hassle-free with user-friendly features including manual filter shaker, manometer, rear swiveling wheels with locking casters and stainless steel collection container with release lever. These machines are available in either 50-liter or 100-liter collection capacity. Specifications below feature 50-liter CTS26, and 100-liter T48 and T63 models. (Standard models available; see page 14.)

Technical Specifications

Description	Unit	VHW420	VHW421	VHW440	VHW441	CTS26	T48	T63
Collection Type	-	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Type of Power	-	3-phase	3-phase	3-phase	3-phase	3-phase	3-phase	3-phase
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575
Power @ 60 Hz	HP (W)	3.42 (2550)	3.42 (2550)	6.17 (4600)	6.17 (4600)	3.42 (2550)	6.43 (4800)	8.45 (6300)
Waterlift, max.	in. (mm) H ₂ O	76 (1930)	76 (1930)	104 (2651)	104 (2651)	76 (1930)	141 (3569)	83 (2100)
Airflow, blower max.	CFM (L/min)	222 (6286)	222 (6286)	294 (8333)	294 (8333)	222 (6286)	222 (6286)	345 (9769)
Current, max.	amps	10.7 / 5.6 / 4.3	10.7 / 5.6 / 4.3	16.0 / 8.0 / 7.1	16.0 / 8.0 / 7.1	10.7 / 5.6 / 4.3	25.0 / 10.4 / 7.6	25.0 / 13.3 / 10.4
Container Capacity	gallons (L)	12.2 (46)	12.2 (46)	12.2 (46)	12.2 (46)	13 (50)	26 (100)	26 (100)
Dimensions (L x W x H)	in. (mm)	58.0 x 37.8 x 22.5 (1475 x 960 x 570)	71.6 x 35.8 x 22.6 (1820 x 910 x 575)	58.0 x 37.8 x 22.5 (1475 x 960 x 570)	71.6 x 35.8 x 22.6 (1820 x 910 x 575)	44.5 x 23.8 x 49.2 (1130 x 605 x 1250)	60.0 x 47.6 x 24.8 (1525 x 1210 x 630)	60.0 x 47.6 x 24.8 (1525 x 1210 x 630)
Sound Pressure Level	dB(A)	66	68	70	70	71	74	74

Available Features	-	  	  	  	  	 	 	 
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Approvals	-							
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Combustible Dust Vacuums – Continuous-Duty



VHT437EXP / VHT456EXP



**VHT437EXP / VHT456EXP
with Integrated Immersion Separator**

Nilfisk continuous-duty explosion-proof/dust ignition-proof vacuums are designed with the power and reliability required for continuous, heavy-duty applications.

Nilfisk VHT437EXP and VHT456EXP — Certified Class I, Group D & Class II, Groups F & G

The VHT437EXP and VHT456EXP are certified explosion-proof/dust ignition-proof vacuum cleaners with exceptional performance for continuous-duty needs in hazardous environments. They are ideal for use in process-integrated and central system applications. The VHT437EXP and VHT456EXP meet the requirements for use in Class I, Group D and Class II, Groups F & G environments. Smaller collection capacity is available upon request.

Nilfisk VHT437EXP and VHT456EXP with Integrated Immersion Separator — Certified Class II, Group E

The VHT437EXP and VHT456EXP are available with an integrated immersion separator to meet requirements for compliance with NFPA 484 for the safe collection of combustible metal dusts. The all-in-one design safely collects and renders inert Group E metal dusts, such as aluminum, magnesium and other commercial alloys, in a fluid bath. (VHT437EXP with integrated immersion separator pictured above.)

Technical Specifications

Description	Unit	VHT437EXP	VHT456EXP
Collection Type	-	Dry (Wet Option)	Dry (Wet Option)
Type of Power	-	3-phase	3-phase
Voltage @ 60 Hz	V	220 / 460 / 575	460 / 575
Power @ 60 Hz	HP (W)	5 (3700)	7.5 (5600)
Waterlift, max.	in. (mm) H ₂ O	85 (2159)	72.8 (1850)
Airflow, blower max.	CFM (L/min)	218 (6167)	367 (10384)
Current, max.	amps	11.2 / 5.6 / 4.5	9.5 / 7.6
Container Capacity	gallons (L)	26 (100)	26 (100)
Dimensions (L x W x H)	in. (mm)	50.8 x 23.6 x 60.6 (1290 x 600 x 1540)	50.8 x 23.6 x 60.6 (1290 x 600 x 1540)
Sound Pressure Level	dB(A)	72	77
Available Features	-	    	    
Approvals	-		

Combustible Dust Vacuums – Intermittent-Duty



VHS110
Class II, Division 2



VHS110EXP

OSHA recommends, and in some cases requires, manufacturers with combustible materials to use certified explosion-proof/dust ignition-proof vacuums as part of a regular plant maintenance program.

Nilfisk VHS110 — Certified Class II, Division 2

The VHS110 is CSA-certified for use in Class II, Division 2, Groups F & G environments and ensures compliance with NFPA 652 housekeeping recommendations for the safe collection of combustible dust. This model offers a brushless single-phase motor that delivers the highest performance and safety for long product life and flexible, easy use — from overhead cleaning to confined areas around equipment.

Nilfisk VHS110EXP — Certified Class I & Class II

The VHS110EXP vacuum line is CSA-certified for use in Class I, Group D and Class II, Groups E*, F & G environments. It features a TEFC motor, PullClean filter cleaning technology and downstream HEPA filtration. Variants designed for wet/dry material collection are also available.

Nilfisk VHS110EXP with Integrated Immersion Separator — Certified Class II, Group E

The VHS110EXP is available with integrated immersion separator to meet requirements for compliance with NFPA 484 for the safe collection of combustible metal dusts. The all-in-one design safely collects and renders inert Group E metal dusts such as aluminum, magnesium and other commercial alloys, in a fluid bath.

Technical Specifications

Description	Unit	VHS110	VHS110EXP
Collection Type	-	Dry	Dry (Wet Option)
Type of Power	-	1-phase	1-phase
Voltage @ 60 Hz	V	120	120
Power @ 60 Hz	HP (W)	1.34 (1000)	1.61 (1200)
Waterlift, max.	in. (mm) H ₂ O	82.4 (2093)	65 (1654)
Airflow, blower max.	CFM (L/min)	103 (2900)	106 (3681)
Current, max.	amps	11.5	10
Container Capacity	gallons (L)	9.8 (37)	9.8 (37)
Dimensions (L x W x H)	in. (mm)	22.0 x 22.0 x 49.0 (560 x 560 x 1240)	22.0 x 30.0 x 50.0 (560 x 762 x 1270)
Sound Pressure Level	dB(A)	75	76
Available Features	-	   	    
Approvals	-		

*Additional equipment may be necessary to meet Group E requirements. Nilfisk reserves the right to evaluate on a case-by-case basis.

Combustible Dust Vacuums – Air-Operated



VHC110EXP / VHC120EXP

When electricity is unavailable or undesirable, pneumatic hazardous location vacuums are excellent alternatives to electric models.

Nilfisk VHC110EXP and VHC120EXP — Suitable for use in Class I & Class II

The VHC EXP line of air-operated, hazardous location vacuums provides the same high suction power you expect with Nilfisk, but using 60% less compressed air. These vacuums include PullClean filter cleaning system, grounding cable and clamp. The VHC110EXP and VHC120EXP meet the requirements for use in Class I, Group D and Class II, Groups E*, F & G environments. Variants designed for wet/dry material collection are also available. (Standard models available; see page 28.)

Nilfisk VHC110EXP and VHC120EXP with Integrated Immersion Separator — Suitable for use in Class II, Group E

The VHC110EXP line is available with integrated immersion separator to meet requirements for compliance with NFPA 484 for the safe collection of combustible metal dusts. The all-in-one design safely collects and renders inert Group E metal dusts such as aluminum, magnesium and other commercial alloys, in a fluid bath.

Technical Specifications

Description	Unit	VHC110EXP	VHC120EXP
Collection Type	-	Dry (Wet Option)	Dry (Wet Option)
Air Consumption @ 90 psi	CFM (L/min)	22 (623)	44.5 (1260)
Waterlift, max.	in. (mm) H ₂ O	130 (3302)	130 (3302)
Airflow, max.	CFM (L/min)	70 (1982)	119 (3370)
Air Line Diameter	in. (mm)	0.5 (13)	0.75 (19)
Recommended Air Pressure	psi (bar)	101 (7)	101 (7)
Container Capacity	gallons (L)	9.8 (37)	9.8 (37)
Dimensions (L x W x H)	in. (mm)	22.5 x 22.0 x 49.0 (572 x 560 x 1245)	22.5 x 22.0 x 49.0 (572 x 560 x 1245)
Sound Pressure Level	dB(A)	71	72
Available Features	-	   	   
Approvals	-		

*Additional equipment may be necessary to meet Group E requirements. Nilfisk reserves the right to evaluate on a case-by-case basis.

Combustible Dust Vacuums – Air-Operated



VHC200 EXP



**VHC200 EXP
with Integrated Immersion Separator**

When electricity is unavailable or undesirable, pneumatic hazardous location vacuums are excellent alternatives to electric models.

Nilfisk VHC200 EXP — Suitable for use in Class I, Group D & Class II, Groups E, F & G

The VHC200 EXP is a stainless steel pneumatic vacuum cleaner ideal for a variety of general cleaning tasks, including heavy-duty applications involving denser types of debris. The VHC200 EXP can also be used in continuous-duty applications. Smaller collection capacity is available upon request. (Standard model available; see page 28.)

Nilfisk VHC200 EXP with Integrated Immersion Separator — Suitable for use in Class II, Group E

The VHC200 EXP with an integrated immersion separator is highly recommended for compliance with NFPA 484 for the safe collection of combustible metal dusts. The all-in-one design safely collects and renders inert Group E metal dusts, such as aluminum, magnesium and other commercial alloys, in a fluid bath.

Technical Specifications

Description	Unit	VHC200 EXP
Collection Type	-	Dry (Wet Option)
Air Consumption @ 90 psi	CFM (L/min)	94 (1982)
Waterlift, max.	in. (mm) H ₂ O	153 (3875)
Airflow, max.	CFM (L/min)	184 (5200))
Air Line Diameter	in. (mm)	0.75 (19)
Recommended Air Pressure	psi (bar)	90 (6)
Container Capacity	gallons (L)	26 (100)
Dimensions (L x W x H)	in. (mm)	31.5 x 23.6 x 62.6 (800 x 600 x 1590)
Sound Pressure Level	dB(A)	70
Available Features	-	  
Approvals	-	

*Additional equipment may be necessary to meet Group E requirements. Nilfisk reserves the right to evaluate on a case-by-case basis.

Three-Phase Vacuums – White Line



Nilfisk White Line vacuums are designed specifically for food, pharmaceutical and OEM applications with innovative safety solutions like easy-to-clean design and application-specific features. They offer flexible configurations for in-process, continuous use and portable production line maintenance.

- GMP-compliant design is easy to clean and sanitize
- HEPA filtration to collect very fine and toxic dust
- Quiet operation
- All stainless steel construction available

Nilfisk VHW200 and VHW210

The VHW200 and VHW210 fixed industrial vacuums extract and recover small quantities of dust or trimmings. Horizontal layout and compact size make them ideal for OEMs and small footprint applications. (Standard pressure relief valve not depicted on models shown above.)

Nilfisk VHW201 and VHW211

The VHW201 and VHW211 units integrate with processing machines to collect fine powder and dust directly from the source. (Certified Class II, Division 2 models available; see page 4.)

Technical Specifications

Description	Unit	VHW200	VHW210	VHW201	VHW211
Collection Type	-	Dry	Dry	Dry	Dry
Type of Power	-	3-phase*	3-phase*	3-phase*	3-phase*
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575
Power @ 60 Hz	HP (W)	0.67 (500)	1.27 (950)	0.67 (500)	1.27 (950)
Waterlift, max.	in. (mm) H ₂ O	60 (1524)	64 (1626)	60 (1524)	64 (1626)
Airflow, blower max.	CFM (L/min)	58 (1642)	102 (2888)	58 (1642)	102 (2888)
Current, max.	amps	2.7 / 1.5 / 1.1	4.5 / 2.3 / 1.95	2.7 / 1.5 / 1.1	4.5 / 2.3 / 1.95
Container Capacity	gallons (L)	0.26 (1)	1.7 (6.5)	1.7 (6.5)	1.7 (6.5)
Dimensions (L x W x H)	in. (mm)	20.9 x 10.6 x 19.5 (530 x 270 x 495)	25.2 x 13.0 x 18.7 (640 x 330 x 475)	18.0 x 16.9 x 32.3 (420 x 430 x 820)	18.0 x 16.9 x 32.3 (420 x 430 x 820)
Sound Pressure Level	dB(A)	56	62	56	59
Available Features	-	 	 	  	  

*Single-phase models available; see individual product sheet for more details.

Three-Phase Vacuums – White Line



VHW310



VHW311



VHW321



VHW420 / VHW421



VHW440

Nilfisk VHW310 and VHW311

The VHW310 and VHW311 fixed industrial vacuums integrate with processing machines to collect fine powder and dust directly from the source. If portability is needed, the VHW311 is available with optional wheel kit. (Certified Class II, Division 2 models available; see page 4.)

Nilfisk VHW321, VHW420, VHW421 and VHW440

The VHW321, VHW420, VHW421 and VHW440 portable vacuums make daily cleaning in production areas and process manufacturing fast and hassle-free. Conical cartridge filters provide more surface area, extend filter life and resist clogging. To reduce production downtime, users can clean filters with the PullClean system while the vacuum is in use.

The VHW420 and VHW440 units are available with PulseClean reverse purge system for automatic renewal of cartridge filters during collection of ultra fine powders. Optional bag-in bag-out system for safe replacement of the HEPA filter is available on the VHW321 and VHW421. (Certified Class II, Division 2 models available; see page 5.)

Technical Specifications

Description	Unit	VHW310	VHW311	VHW321	VHW420	VHW421	VHW440
Collection Type	-	Dry	Dry	Dry	Dry	Dry	Dry
Type of Power	-	3-phase*	3-phase*	3-phase*	3-phase	3-phase	3-phase
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575
Power @ 60 Hz	HP (W)	2.75 (2050) [2.35 (1750) @ 575]	2.75 (2050) [2.35 (1750) @ 575]	2.75 (2050) [2.35 (1750) @ 575]	3.42 (2550)	3.42 (2550)	6.17 (4600)
Waterlift, max.	in. (mm) H ₂ O	88 (2235)	88 (2235)	88 (2235)	76 (1930)	76 (1930)	104 (2651)
Airflow, blower max.	CFM (L/min)	150 (4248)	150 (4248)	150 (4248)	222 (6286)	222 (6286)	294 (8333)
Current, max.	amps	8.8 / 4.4 / 2.95	8.8 / 4.4 / 2.95	8.8 / 4.4 / 2.95	11.4 / 6.0 / 4.55	11.4 / 6.0 / 4.55	15.6 / 9 / 7.6
Container Capacity	gallons (L)	6.6 (25)	6.6 (25)	6.6 (25)	12.2 (46)	12.2 (46)	12.2 (46)
Dimensions (L x W x H)	in. (mm)	28.0 x 16.5 x 35.6 (710 x 420 x 905)	28.0 x 16.5 x 35.6 (710 x 420 x 905)	28.9 x 17.3 x 46.1 (735 x 440 x 1170)	38.2 x 21.3 x 54.7 (970 x 540 x 1390)	38.2 x 21.3 x 54.7 (970 x 540 x 1390)	38.2 x 21.3 x 54.7 (970 x 540 x 1390)
Sound Pressure Level	dB(A)	65	64	64	66	68	70
Available Features	-	 	 	  	  	 	 

*Single-phase models available; see individual product sheet for more details.

Three-Phase Vacuums – White Line



VHW320 IC



VHW420 IC



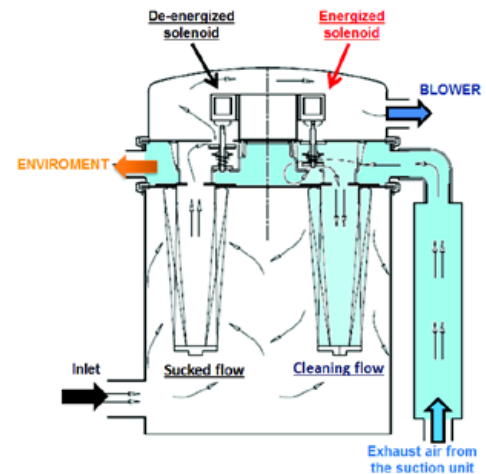
VHW440 IC

Nilfisk VHW320 IC, VHW420 IC and VHW440 IC

The VHW320 IC, VHW420 IC and VHW440 IC vacuums feature Nilfisk's automatic filter cleaning technology. InfiniClean™ is a self-contained, automated filter purging system requiring no external compressed air supply, secondary power source or cleaning actions by the operator. It dramatically reduces dust build-up inside processing equipment and eliminates costly downtime.

How it works:

The system continually reroutes exhaust air through the InfiniClean chamber. Solenoid valves automatically open and close to sequentially blast air through the conical filter cartridges. The pressure difference reverses the air flow through the cartridge filter, sending built-up dust down into the collection container.



Technical Specifications

Description	Unit	VHW320 IC	VHW420 IC	VHW440 IC
Collection Type	-	Dry	Dry	Dry
Type of Power	-	3-phase	3-phase	3-phase
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575
Power @ 60 Hz	HP (W)	2.75 (2050)	3.42 (2550)	6.17 (4600)
Waterlift, max.	in. (mm) H ₂ O	88 (2235)	76 (1930)	92.3 (2344)
Airflow, blower max.	CFM (L/min)	150 (4248)	222 (6286)	294 (8333)
Current, max.	amps	8.8 / 4.4 / 2.95	11.4 / 6.0 / 4.55	15.6 / 9.0 / 7.6
Container Capacity	gallons (L)	6.6 (25)	12.2 (46)	12.2 (46)
Dimensions (L x W x H)	in. (mm)	31.5 x 17.3 x 53.9 (800 x 440 x 1370)	38.2 x 21.3 x 61.4 (970 x 540 x 1560)	38.2 x 21.3 x 61.4 (970 x 540 x 1560)
Sound Pressure Level	dB(A)	64	66	70
Available Features	-	 	 	  

Three-Phase Vacuums – Trim and Scrap



R104 / 154



R155 / 305



3507WR

Nilfisk R Series

The R Series is designed for use during packaging applications in industries such as food and pharmaceutical. With the following features, the R Series is ideal for removing excess lateral trim and scraps during packaging processes:

- Three-phase regenerative blower to run virtually maintenance-free for long periods of time
- High vacuum pressure compresses the collected debris to optimize collection capacity
- Motor protection switch (overload) and pressure relief valve for reliable use in continuous-duty applications
- Viewing window allows quick inspection to see when the bag filter needs to be emptied
- Mounted on wheels for easy maneuverability
- Heavy-duty, powder-coated steel or stainless steel collection container
- Container latches provide quick access to the collection tank for easy disposal
- Quiet operating performance for user comfort
- Different inlet diameter configurations available

Technical Specifications

Description	Unit	R104	R154	R155	R305	3507WR
Collection Type	-	Dry	Dry	Dry	Dry	Dry
Type of Power	-	3-phase*	3-phase*	3-phase*	3-phase	3-phase
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575
Power @ 60 Hz	HP (W)	1.27 (950)	1.74 (1300)	2.75 (2050) [2.35 HP (1750) @ 575]	3.42 (2550)	8.45 (6300)
Waterlift, max.	in. (mm) H ₂ O	64 (1626)	60 (1524)	88 (2235)	76 (1930)	84 (2134)
Airflow, blower max.	CFM (L/min)	102 (2888)	135 (3823)	150 (4248)	222 (6286)	345 (9769)
Current, max.	amps	4.5 / 2.3 / 1.95	5 / 2.6	8.8 / 4.4 / 2.95	11.4 / 6 / 4.55	25.0 / 13.3 / 10.4
Container Capacity	gallons (L)	30 (114)	30 (114)	40 (150)	40 (150)	56.8 (215)
Dimensions (L x W x H)	in. (mm)	18.1 x 47.2 (460 x 1200)	18.1 x 47.2 (460 x 1200)	22.1 x 49.2 (560 x 1250)	22.1 x 49.2 (560 x 1250)	47.2 x 27.6 x 55.1 (1200 x 700 x 1400)
Sound Pressure Level	dB(A)	68	72	72	75	74
Available Features	-			 	 	-

*Single-phase models available; see individual product sheet for more details.

Three-Phase Vacuums – Industrial



T26



T48



T63

Nilfisk continuous-duty industrial vacuum cleaners offer strong performance at an affordable price. Ideal for collection of powders, liquids, dust and debris, the vacuums are easy to use and maintain, even in the most challenging environments.

Nilfisk T Series

The T26, T48 and T63 are equipped with motors from 2,600 up to 6,300 W, allowing users to choose the most suitable model for their needs. With a 50 or 100 liter collection container and the following features, the T Series makes daily cleaning in production areas and process manufacturing fast and hassle-free:

- Constructed of heavy-duty steel
- Lightweight and highly maneuverable with rear swiveling wheels and locking brakes
- Unique release lever lowers the wheeled collection container and acts as a handle for fast and easy disposal of collected debris
- Compatible with a wide range of Nilfisk attachments and hoses to meet specific application requirements



Side view

Certified Class II, Division 2 models available; see page 5.

Technical Specifications

Description	Unit	T26	T48	T63
Type of Power	-	3-phase	3-phase	3-phase
Collection Type		Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460 / 575	220 / 460 / 575
Power @ 60 Hz	HP (W)	3.42 (2550)	6.43 (4800) [6.17 (4600) @ 575]	8.45 (6300)
Waterlift, controlled	in. (mm) H ₂ O	76 (1930)	140.5 (3569)	82.6 (2100)
Airflow, blower max.	CFM (L/min)	222 (6286)	222 (6286)	345 (9769)
Current, max.	amps	11.4 / 6 / 4.55	25 / 10.4 / 7.6	25 / 13.3 / 10.4
Container Capacity	gallons (L)	26 (100)	26 (100)	26 (100)
Dimensions (L x W x H)	in. (mm)	44.5 x 23.6 x 60.2 (1130 x 600 x 1530)	44.5 x 23.6 x 60.2 (1130 x 600 x 1530)	44.5 x 23.6 x 60.2 (1130 x 600 x 1530)
Sound Pressure Level	dB(A)	71	74	74
Available Features	-			

Three-Phase Vacuums – Industrial



T26 PLUS / T48 PLUS / T63 PLUS

Nilfisk continuous-duty industrial vacuum cleaners offer strong performance at an affordable price. Ideal for collection of powders, liquids, dust and debris, the vacuums are easy to use and maintain, even in the most challenging environments. The features of the T PLUS Series make daily cleaning in production areas and process manufacturing fast and hassle-free.

Nilfisk T PLUS Series

The T PLUS vacuums offer customers a “tailor-made” industrial vacuum, with a wide range of options and upgrades. They come standard with a stainless steel collection container, higher efficiency main filter and upstream HEPA filter. Possible electrical upgrades include automatic filter cartridge purge, and level sensors. T PLUS vacuums come standard with remote start/stop capability and NFPA-compliant construction.

Technical Specifications

Description	Unit	T26 PLUS	T48 PLUS	T63 PLUS
Collection Type	-	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)
Type of Power	-	3-phase	3-phase	3-phase
Voltage @ 60 Hz	V	220 / 460 / 575	220 / 460	220 / 460 / 575
Power @ 60 Hz	HP (W)	3.42 (2550)	6.43 (4800) [6.17 (4600) @ 575]	8.45 (6300)
Waterlift, max.	in. (mm) H ₂ O	76 (1930)	140.5 (3569)	82.6 (2100)
Airflow, blower max.	CFM (L/min)	222 (6286)	222 (6286)	345 (9769)
Current, max.	amps	11.4 / 6 / 4.55	25 / 10.4 / 7.6	25 / 13.3 / 10.4
Container Capacity	gallons (L)	26 (100)	26 (100)	26 (100)
Dimensions (L x W x H)	in. (mm)	50.8 x 23.6 x 60.6 (1290 x 600 x 1540)	50.8 x 23.6 x 60.6 (1290 x 600 x 1540)	50.8 x 23.6 x 64.6 (1290 x 600 x 1640)
Sound Pressure Level	dB(A)	67	71	71
Available Features	-	  	  	  

Three-Phase Vacuums – Industrial



3707/10 / 3907



3907/18



3997 / 3997W

These Nilfisk vacuums put the “industrial” in industrial vacuum cleaner. They are designed and manufactured with the strength, power and reliability required for continuous, heavy-duty applications.

Nilfisk 3707/10, 3907, and 3907/18

This line offers oversized filter area and large collection capacity to guarantee long periods of operation without interrupting production. Very high performance levels ensure collection of large quantities of heavy debris over a distance. A high airflow model of the 3907 is available, but not listed below. Contact your local sales representative for details.

Nilfisk 3997 and 3997W

Designed for heavy-duty continuous use, 3997 vacuums feature a three-phase regenerative blower, oversized filter area and large collection capacity to guarantee long periods of uninterrupted operation. A control panel features an on/off switch, manometer, and automatic phase correction device to make the 3997 reliable and easy-to-use.

Technical Specifications

Description	Unit	3707/10	3907	3907/18	3997	3997W
Collection Type	-	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)
Type of Power	-	3-phase	3-phase	3-phase	3-phase	3-phase
Voltage @ 60 Hz	V	460 / 575	460 / 575	460 / 575	460 / 575	460 / 575
Power @ 60 Hz	HP (W)	12 (9000)	16.9 (12600)	19.4 (14500)	30.8 (23000)	30.8 (23000)
Waterlift, max.	in. (mm) H ₂ O	92.3 (2344)	185 (4700)	108 (2743)	176 (4470)	76 (1930)
Airflow, blower max.	CFM (L/min)	518 (14668)	365 (10336)	740 (20954)	780 (22087)	1440 (40776)
Current, max.	amps	15.1 / 12.8	29 / 20.4	29 / 20.4	42 / 36.8	42 / 36.8
Container Capacity	gallons (L)	46 (175)	46 (175)	46 (175)	46 (175)	46 (175)
Dimensions (L x W x H)	in. (mm)	63.0 x 31.5 x 71.3 (1600 x 800 x 1810)	63.0 x 31.5 x 71.3 (1600 x 800 x 1810)	63.0 x 31.5 x 71.3 (1600 x 800 x 1810)	78.7 x 35.4 x 84.6 (2000 x 900 x 2150)	78.7 x 35.4 x 84.6 (2000 x 900 x 2150)
Sound Pressure Level	dB(A)	78	78	78	78	78
Available Features	-					

Machine Shop Vacuums



VHO 200



Eco-Oil 13



Eco-Oil 22

Reliable, powerful and efficient, Nilfisk machine shop solutions feature compact, mobile designs, multiple waste disposal options, and advanced features to save you time and money.

Nilfisk VHO 200

Designed for the metalworking industry, the VHO 200 collects metal chips, oily cuttings, lubricants and coolant spills. Replacing earlier single-phase models, the new design is constructed of 304 stainless steel, with additional upgrades including a removable collection bin, float system to interrupt airflow when full and improved airflow performance.

It is equipped with a diverting valve that reverses the flow of air to pump out the tank quickly and easily for total liquid discharge. In just minutes, mixed liquids and solids can be collected, separated, discharged and recycled. Accessories are resistant to oils and water-based fluids and the chip basket is constructed of stainless steel.

Nilfisk Eco-Oil 13 and Eco-Oil 22

Simultaneously extract sump waste while recovering and recycling coolants and lubricants with Eco-Oil vacuums. These powerful, large-capacity workhorses are easy to use and maintain. They are ideal for the clean-up of lathes, milling machines, and cutting and grinding machines.

Technical Specifications

Description	Unit	VHO 200	Eco-Oil 13	Eco-Oil 22
Collection Type	-	Wet	Wet	Wet
Type of Power	-	1-phase	1-phase	1-phase
Voltage @ 60 Hz	V	110-120	115 / 230	220 / 460 / 575
Power @ 60 Hz	HP (W)	2.15 (1600)	1.96 (1460)	3.42 (2550)
Waterlift, max.	in. (mm) H ₂ O	80.4 (2042)	131 (3327)	76 (1930)
Airflow, max.	CFM (L/min)	150 (4250)	105 (2973)	222 (6286)
Current, max.	amps	13.3	14.1 / 6.1	11.4 / 6.0 / 4.6
Liquid Capacity	gallons (L)	19.8 (75)	48 (180)	48 (180)
Container Capacity	gallons (L)	5.8 (22)	8 (30)	8 (30)
Dimensions (L x W x H)	in. (mm)	22.8 x 34.7 x 48.4 (580 x 880 x 1230)	42.0 x 26.5 x 59.0 (1050 x 670 x 1500)	42.0 x 26.5 x 59.0 (1050 x 670 x 1500)
Sound Pressure Level	dB(A)	70	70	71
Available Features	-	 	-	-

Single-Phase Vacuums – Industrial



VHS120



VHS120 with Longopac®

Nilfisk intermittent-duty industrial vacuum cleaners give you the power to clean faster and more efficiently to cut costs, increase production, improve product quality and ensure worker safety.

Nilfisk VHS120

The VHS120 offers a high performance single-phase, wet/dry industrial vacuum solution with a small footprint. Featuring 2 bypass motors, this vacuum delivers just the right amount of airflow and suction to get any job done efficiently.

Nilfisk VHS120 with Longopac®

Ideal for building and construction and silica dust applications, this model features the Longopac® collection system, a continuous bag that reduces operator contact with harmful dusts like Silica. The continuous liner can be filled, cut, the waste disposed of, and be immediately readied to resume work.

Technical Specifications

Description	Unit	VHS120
Collection Type	-	Dry
Type of Power	-	1-phase
Voltage @ 60 Hz	V	120
Power @ 60 Hz	HP (W)	2.68 (2000)
Waterlift, max.	in. (mm) H ₂ O	83.2 (2113)
Airflow, max.	CFM (L/min)	176 (4983)
Current, max.	amps	14.5
Container Capacity	gallons (L)	9.8 (37)
Dimensions (L x W x H)	in. (mm)	22.8 x 34.7 x 48.4 (580 x 880 x 1230)
Sound Pressure Level	dB(A)	74
Available Features	-	 
Approvals	-	

Single-Phase Vacuums – Industrial



S3



S3B

Nilfisk intermittent-duty industrial vacuum cleaners give you the power to clean faster and more efficiently to cut costs, increase production, improve product quality and ensure worker safety.

Nilfisk S3

The S3 is designed to meet a wide range of industrial cleaning challenges. Available in a variety of configurations, these vacuums feature solid construction with many innovations, such as a membrane switch keypad with LED indicators that monitor filter performance. Optional features include the Longopac® collection system, a tool caddy, level sensors and other accessories for a variety of applications. The S3 is available in either 50-liter or 100-liter collection capacity. Specifications below feature a 100-liter S3 model.

Nilfisk S3B

The S3B offers a high performance cleaning solution for a variety of wet/dry applications when only essential controls are preferred. It is ideal for many rugged industry applications in areas such as metalworking, building & construction and automotive. The S3B is available in either 50-liter or 100-liter collection capacity or with the Longopac® collection system. Specifications below feature a 100-liter S3B model.

Technical Specifications

Description	Unit	S3	S3B
Collection Type	-	Dry (Wet Option)	Dry (Wet Option)
Type of Power	-	1-phase	1-phase
Voltage @ 60 Hz	V	120	120
Power @ 60 Hz	HP (W)	3.22 (2400)	3.22 (2400)
Waterlift, max.	in. (mm) H ₂ O	71.5 (1816)	71.5 (1816)
Airflow, max.	CFM (L/min)	270 (7646)	270 (7646)
Current, max.	amps	15.8	15.8
Container Capacity	gallons (L)	26 (100)	26 (100)
Dimensions (L x W x H)	in. (mm)	31.5 x 23.6 x 62.2 (800 x 600 x 1580)	31.5 x 23.6 x 62.2 (800 x 600 x 1580)
Sound Pressure Level	dB(A)	71	75
Available Features	-	 	 
Approvals	-	-	

*800 watt-motor model available; see individual product sheet for more details.

Battery-Powered Industrial Vacuums



VHB436

VHB436

Lose the cord, enhance the benefits. Battery-powered industrial vacuum, which maintains the top-tier performance and filtration capabilities of the electric models, and couples it with high runtime enabled by the Lithium-ion Battery. It's ideal for use in hightraffic environments where efficiency matters as much as safety, and uncompromising results are key to business success.

Many versions available upon request: stainless steel, different disposal systems (Bagging system, Plastic bag system...), 100 L container.

Technical Specifications

Description	Unit	VHB436	VHB436 3B
Battery type	-	Combat II – Lithium-ion	Combat II – Lithium-ion
Battery quantity	-	2	3
Output battery voltage	V	36	36
Battery run time	min.	93	147
Battery charge time (100%)	min.	200	270
Battery charge time (90%)	min.	120	180
Voltage (charge mode)	V	110-240	110-240
Frequency (charge mode)	Hz	50/60	50/60
Insulation Class		III	III
Rated power	kW	2.4	2.4
Airflow with hose D70 – 3 M	l/min – m³/h	6333 – 380	6333 – 380
Vacuum max.	mBar	130	130
Sound pressure level	dB(A)	71	71
Container capacity	L	50**	50**
Main filter area	cm²	19,500	19,500
HEPA filter area	cm²	35,000	35,000
Inlet	mm	70	70
Length x Width x Height	cm	105x60x125	105x60x125
Weight	kg	125	135
Cable length (charger)	m	3	3

**100L is available upon request

Single-Phase Vacuums – Light Industrial



GD 5 Battery



GD 10



VP300



GD 930

Powerful suction and multi-stage filtration are hallmarks of our single-phase vacuums. Each vacuum features excellent maneuverability and rugged construction to ensure reliable performance. HEPA filtration is standard on each of these machines.

Nilfisk GD 5 Battery Back Vac

The GD 5 gets the job done faster while leaving the need for cords and power outlets behind. Ensure productivity with a long runtime, best in class charge time of only 40 minutes and boost function for extra suction power to pick up tough dust and debris.

Nilfisk GD 10 Back Vac

This powerful, lightweight vacuum is comfortable, extremely quiet and equipped with a large dust bag to increase efficiency.

Nilfisk VP300

Collection capacity ensures less time spent replacing dust bags, while a low noise level makes it suitable for daytime cleaning.

Nilfisk GD 930

Nilfisk's most popular vacuum for abatement of hazardous materials, the GD 930 canister vacuum provides solid performance in demanding environments. It has high suction power and durable construction.

Technical Specifications

Description	Unit	GD 5 Battery	GD 10	VP300	GD 930
Collection Type	-	Dry	Dry	Dry	Dry
Type of Power	-	36V Lithium Ion Battery	1-phase	1-phase	1-phase
Run Time	Minutes	30 (power) / 60 (economy)	-	-	-
Voltage @ 60 Hz	V	-	100-120	120	100-120
Power @ 60 Hz	HP (W)	0.87 (650)	1.74 (1300)	1.2 (900)	1.34 (1000)
Waterlift, max.	in. (mm) H ₂ O	52 (1321) (power) / 35 (889) (economy)	96 (2438)	92 (2337)	92 (2345)
Airflow, max.	CFM (L/min)	57 (1614) (power) / 46 (1303) (economy)	139 (3681)	68 (1925)	74 (100)
Current, max.	amps	-	10	7.5	8.7
Container Capacity	gallons (L)	1.32 (5)	1.8 (6.8)	2.1 (8)	4 (15)
Dimensions (L x W x H)	in. (mm)	9.5 x 13.0 x 30.0 (241 x 330 x 762)	9.4 x 9.4 x 23.0 (239 x 239 x 584)	16.5 x 15.0 x 22.4 (420 x 382 x 568)	17.5 x 15.0 x 13.0 (445 x 381 x 330)
Sound Pressure Level	dB(A)	65 (power) / 60 (economy)	62	69	53
Available Features	-	 	 	 	 
Approvals	-				

Single-Phase Vacuums – Light Industrial



GM 80



GM 80 with Variable Speed Control

Nilfisk GM vacuum cleaners feature industry-leading multi-stage filtration, including a paper dust bag, main filter and microfilter, all standard. The GM 80 has become a vacuum cleaner icon in a variety of industries.

Nilfisk GM 80

Lightweight, portable and quiet, the GM 80 vacuum provides durability, performance and a 3.24-gallon capacity. It comes standard with three stages of filtration with the option of adding a HEPA filter. It can be used in both portable and stationary applications.

Nilfisk GM 80 with Variable Speed Control

Variable speed control is an option that allows the operator to adjust the vacuum suction. Simply turn the dial to adjust the airflow from 8 to 87 CFM, or 10% to 100% of machine power, and every increment in between. This add-on feature is ideal for museum and other sensitive applications. It is available on 115 V models of the GM 80.

Technical Specifications

Description	Unit	GM 80
Collection Type	-	Dry
Type of Power	-	1-phase
Voltage @ 60 Hz	V	120 / 230
Power @ 60 Hz	HP (W)	1.48 (1100)
Waterlift, max.	in. (mm) H ₂ O	84 (2134)
Airflow, max.	CFM (L/min)	80 (2265)
Current, max.	amps	10 / 5
Container Capacity	gallons (L)	3.24 (12.3)
Dimensions (L x W x H)	in. (mm)	14.0 x 12.0 x 16.0 (356 x 305 x 406)
Sound Pressure Level	dB(A)	61
Available Features	-	
Approvals	-	

Cleanroom Vacuums



GM 80CR



IVT 1000CR



IVT 1000CR Safe-Pak®

Nilfisk engineered the first cleanroom-packaged vacuums and now offers vacuums with HEPA and ULPA filtration. They are built for easy decontamination, sanitization and validation. Each vacuum is suitable for cleanrooms up to ISO 4 (Class 10).

Nilfisk GM 80CR

The GM 80CR is lightweight, portable and quiet, making it perfect for cleanrooms, research labs and other critical environments. A four-stage filtration system includes a paper bag, main filter, microfilter and ULPA exhaust filter. It comes standard with antistatic hose and tools.

Nilfisk IVT 1000CR

Multi-stage filtration, AISI 316 stainless steel design, quiet 61 dB(A) noise level — the next level of cleanroom vacuum is here. It is available with the Nilfisk Safe-Pak® container for safe collection, containment and disposal of potent compounds.

Technical Specifications

Description	Unit	GM 80CR	IVT 1000CR	IVT 1000CR Safe-Pak
Collection Type	-	Dry	Dry	Dry
Type of Power	-	1-phase	1-phase	1-phase
Voltage @ 60 Hz	V	120 / 230	110-120	110-120
Power @ 60 Hz	HP (W)	1.48 (1100)	1.48 (1100)	1.48 (1100)
Waterlift, max.	in. (mm) H ₂ O	84 (2134)	78.7 (1999)	79.5 (2019)
Airflow, max.	CFM (L/min)	80 (2265)	76.2 (2158)	72 (2039)
Current, max.	amps	10 / 5	10	10
Container Capacity	gallons (L)	3.24 (12.3)	3.25 (12.3)	1.72 (6.5)
Dimensions (L x W x H)	in. (mm)	14.0 x 12.0 x 16.0 (356 x 305 x 406)	11.8 x 11.8 x 24.8 (300 x 300 x 630)	11.8 x 11.8 x 27.6 (300 x 300 x 701)
Sound Pressure Level	dB(A)	-	-	-
Available Features	-	  	  	  
Approvals	-	 	 	 

Cleanroom Vacuums



VHS110 CR



VT 60CR

Nilfisk engineered the first cleanroom-packaged vacuums and now offers vacuums with HEPA and ULPA filtration. They are built for easy decontamination, sanitization and validation. Each vacuum is approved for cleanrooms up to ISO 4 (Class 10).

Nilfisk VHS110 CR

The VHS110 CR is ideal for cleanroom environments, functioning for both wet and dry applications. Constructed of stainless steel, this cleanroom model completely eliminates cross-contamination in the production area. The innovative PullClean system allows effective cleaning of the main filter while the vacuum is running, decreasing downtime. Complete with a downstream ULPA and upstream HEPA filter to avoid cleanroom contamination, an additional optional upstream ULPA filter ensures the highest filtration efficiency for fine dust.

Nilfisk VT 60CR

Made expressly for cleanroom environments, the VT 60CR is specially designed to prevent motor carbon dust from escaping through the exhaust. No filter change is required between wet and dry collection.

Technical Specifications

Description	Unit	VHS110 CR	VT 60CR
Collection Type	-	Wet/Dry	Wet/Dry
Type of Power	-	1-phase	1-phase
Voltage @ 60 Hz	V	120	120
Power @ 60 Hz	HP (W)	1.34 (1000)	1.34 (1000)
Waterlift, max.	in. (mm) H ₂ O	82.4 (2093)	80.4 (2042)
Airflow, max.	CFM (L/min)	99 (2800)	70 (1982)
Current, max.	amps	7.5	8.3
Container Capacity	gallons (L)	9.8 (37)	15 (56.8)
Dimensions (L x W x H)	in. (mm)	22.0 x 22.0 x 49.0 (559 x 559 x 1245)	24.0 x 21.5 x 37.5 (610 x 546 x 953)
Sound Pressure Level	dB(A)	76	75
Available Features	-		
Approvals	-	-	-

Wet/Dry Vacuums



AERO 21



ATTIX 30

Nilfisk Blue Line vacuums outlast and out-perform traditional shop-style vacuums in the toughest environments. Our most popular variants are listed below; visit www.nilfiskvacuum.com for additional models.

Nilfisk AERO 21

The compact AERO 21 ensures users safe operation, easy storage and transportation, and increased productivity. Featuring semiautomatic filter cleaning, it is engineered to bring long-lasting performance and industry-leading suction at a competitive price.

Nilfisk ATTIX 30

The ATTIX 30 brings more power and capacity with durable, flexible design for demanding users with a high frequency of cleaning. It comes standard with a semi-automatic filter cleaning system to ensure better performance and reliability.

Technical Specifications

Description	Unit	AERO 21	ATTIX 30
Collection Type	-	Wet/Dry	Wet/Dry
Type of Power	-	1-phase	1-phase
Voltage @ 60 Hz	V	120	120
Power @ 60 Hz	HP (W)	1.34 (1000)	1.34 (1000)
Waterlift, max.	in. (mm) H ₂ O	84 (2133)	92 (2337)
Airflow, max.	CFM (L/min)	127 (3596)	135 (3822)
Current, max.	amps	8.3	8.3
Container Capacity	gallons (L)	5 (20)	8 (30)
Dimensions (L x W x H)	in. (mm)	15.0 x 15.0 x 20.0 (381 x 381 x 508)	18.0 x 15.0 x 23.0 (457 x 381 x 584)
Sound Pressure Level	dB(A)	64	59
Available Features	-		
Approvals	-		

Wet/Dry Vacuums



ATTIX 33



ATTIX 44



ATTIX 19 AE

Nilfisk Blue Line vacuums outlast and out-perform traditional shop-style vacuums in the toughest environments. Our most popular variants are listed below; visit www.nilfisk.com/en-us/products/vacuum-cleaners/ for additional models.

Nilfisk ATTIX 33 and 44

ATTIX 33 and 44 dust extractors were built with real working applications in mind to deliver high performance, increased productivity and lower maintenance costs. Standard with InfiniClean™ filter cleaning technology, automatically cleans the filter every 15 seconds to keep the working environment dust free. Select models feature automatic tool start functionality which allows power tools to be plugged directly into the vacuum to automatically collect dust and debris before becoming airborne.

Nilfisk ATTIX 19 AE Flood Sucker*

Collect and discharge nearly one gallon of water per second with the ATTIX 19 AE sump pump vacuum. It is the ideal solution for plant emergency response clean-up and wet applications such as recycling water used to wash fruits and vegetables in a food processing facility. The powerful discharge pump expels water up to 30 feet vertically and 150 feet horizontally. It can be operated in three modes — vacuum only, pump only, or vacuum and pump.

Technical Specifications

Description	Unit	ATTIX 33	ATTIX 44	ATTIX 19 AE
Collection Type	-	Wet/Dry	Wet/Dry	Wet/Dry
Type of Power	-	1-phase	1-phase	1-phase
Voltage @ 60 Hz	V	120	120	120
Power @ 60 Hz	HP (W)	1.2 (890)	1.2 (890)	1.34 (1000)
Waterlift, max.	in. (mm) H ₂ O	92 (2337)	92 (2337)	105 (2667)
Airflow, max.	CFM (L/min)	150 (4247)	150 (4247)	140 (3964)
Current, max.	amps	7.4	7.4	8.3
Container Capacity	gallons (L)	8 (30) dry, 5.2 (19.5) wet	11 (42) dry, 7.8 (29.5) wet	19 (72)
Dimensions (L x W x H)	in. (mm)	32.0 x 16.0 x 25.0 (800 x 400 x 640)	32.0 x 16.0 x 28.0 (800 x 400 x 720)	24.0 x 23.0 x 38.0 (609 x 584 x 965)
Sound Pressure Level	dB(A)	69	69	57
Available Features	-			
Approvals	-			

*Not available for sale in Canada.

Wet/Dry Vacuums



VT 60



VT 60CR

Nilfisk's versatile wet/dry industrial vacuums are available in a variety of construction materials and with multiple collection capacities and disposal options. Electric or pneumatic, these vacuums require no filter change between wet and dry collection. All of the HEPA vacuums are Lead RRP compliant.

Nilfisk VT 60 and VT 60CR

Featuring a 15-gallon tank capacity, the VT 60's filtration system enables simultaneous collection of wet and dry debris while protecting the filters from water and moisture damage. A HEPA filter is optional. (Pneumatic model available; see page 28.) The VT 60CR is made expressly for cleanroom environments. Additional information is available on page 23.

Technical Specifications

Description	Unit	VT 60	VT 60CR
Collection Type	-	Wet/Dry	Wet/Dry
Type of Power	-	1-phase	1-phase
Voltage @ 60 Hz	V	120	120
Power @ 60 Hz	HP (W)	1.34 (1000)	1.34 (1000)
Waterlift, max.	in. (mm) H ₂ O	117 (2972)	80.4 (2042)
Airflow, max.	CFM (L/min)	99 (2803)	70 (1982)
Current, max.	amps	8.3	8.3
Container Capacity	gallons (L)	15 (56.8)	15 (56.8)
Dimensions (L x W x H)	in. (mm)	26.0 x 21.5 x 37.5 (660 x 546 x 953)	26.0 x 21.5 x 37.5 (660 x 546 x 953)
Sound Pressure Level	dB(A)	75	75
Available Features	-	  	  
Approvals	-		

Wet/Dry Vacuums



Eliminator Pro II



VHS 120

Nilfisk's versatile wet/dry industrial vacuums are available in a variety of construction materials and with multiple collection capacities and disposal options. Electric or pneumatic, these vacuums require no filter change between wet and dry collection. All of the HEPA vacuums are Lead RRP compliant.

Nilfisk Eliminator Pro II

The versatile Eliminator Pro II is ideal for wet or dry collection of dust and debris. A 12-gallon collection container with 32 mm drain hose and efficient motor ensure minimal maintenance upkeep.

Nilfisk VHS 120 Drum Top

The Nilfisk VHS 120 is powered by two motors and can be mounted on a steel 55-gallon drum. It can be fitted with an upstream HEPA filter for hazardous material collection. A wet only version is available that includes a mechanical wet shut off and waterproof cartridge filter. Drum, dolly and accessories sold separately.

Technical Specifications

Description	Unit	Eliminator Pro II	VHS 120
Collection Type	-	Wet/Dry	Dry (Wet Option)
Type of Power	-	1-phase	1-phase
Voltage @ 60 Hz	V	120	110-120
Power @ 60 Hz	HP (W)	1.34 (1000)	2.68 (2000)
Waterlift, max.	in. (mm) H ₂ O	89 (2260)	83.2 (2113)
Airflow, max.	CFM (L/min)	130 (3681)	176 (4983)
Current, max.	amps	8.5	14.5
Container Capacity	gallons (L)	12 (45.4)	55 (208) (sold separately)
Dimensions (L x W x H)	in. (mm)	26.5 x 17.25 x 36.5 (673 x 438 x 927)	24x24x16 (607x607x406)*
Sound Pressure Level	dB(A)	66.7	74
Available Features	-		
Approvals	-		

*Height is measured from the top of the drum.

Pneumatic / Air-Operated Vacuums



VT 60A



VHC110 / VHC120



VHC200

These high-performance, air-operated industrial vacuum cleaners are designed for environments where electricity is either unavailable or undesirable.

Nilfisk VT 60A

The VT 60A air-operated, wet/dry vacuum requires no filter change between wet and dry material collection. It has a venturi tube with no moving parts that allows for low maintenance over long periods of time. The tank and trolley are constructed of polyethylene. (Electric model available; see page 26.)

Nilfisk VHC110 and VHC120

The new VHC110 and VHC120 air-operated vacuums provide two performance levels, offering high suction at low air consumption. Both models are compact and maneuverable and feature accessory tool tray and front facing vacuum gauge. The VHC110 and VHC120 are available with an integrated immersion separator to meet requirements for compliance with NFPA 484 for the safe collection of metal dusts. (Hazardous location models available; see page 8.)

Nilfisk VHC200

With the largest capacity in Nilfisk's pneumatic vacuum line, the VHC200 is powerful, multi-functional and easy to handle. It is designed to safely collect wet and dry materials when properly equipped. The venturi tube has no moving parts, which minimizes maintenance. It is engineered to obtain maximum efficiency with minimum air consumption. Practical in a variety of environments, this vacuum is particularly suitable for metalworking, powder coating operations and building/construction. Smaller collection

Technical Specifications

Description	Unit	VT 60A	VHC110	VHC120	VHC200
Collection Type	-	Wet/Dry	Dry (Wet Option)	Dry (Wet Option)	Dry (Wet Option)
Air Consumption @ 90 psi	CFM (L/min)	70 (1982)	22 (623)	44.5 (1260)	94 (2650)
Waterlift, max.	in. (mm) H ₂ O	172 (4369)	130 (3302)	130 (3302)	153 (3875)
Airflow, max.	CFM (L/min)	140 (3964)	70 (1982)	119 (3370)	184 (5200)
Air Line Diameter	in. (mm)	0.5 (13)	0.5 (13)	0.75 (19)	0.75 (19)
Recommended Air Pressure	psi (bar)	90 (6)	101 (7)	101 (7)	90 (6)
Container Capacity	gallons (L)	15 (56.8)	9.8 (37)	9.8 (37)	26 (100)
Dimensions (L x W x H)	in. x in. x in. (mm x mm x mm)	24.0 x 21.5 x 37.5 (610 x 546 x 953)	22.5 x 22.0 x 40.0 (572 x 560 x 1016)	22.5 x 22.0 x 40.0 (572 x 560 x 1016)	31.5 x 23.6 x 62.6 (800 x 600 x 1590)
Sound Pressure Level	dB(A)	77	71	72	70
Available Features	-	  	 	 	

Specialty Vacuums



VT Mercury

The Nilfisk line of specialty products is designed to meet critical and challenging applications from vapor filtration to toxic material control and collection in a variety of distinct situations.

Nilfisk VT Mercury

The VT Mercury vacuum safely collects and retains liquid mercury spills and granular compounds while eliminating toxic vapors. With four stages of filtration, it meets OSHA standards for collecting inorganic mercury.

Technical Specifications

Description	Unit	VT Mercury
Collection Type	-	Mercury
Type of Power	-	1-phase
Voltage @ 60 Hz	V	120
Power @ 60 Hz	HP (W)	1.34 (1000)
Waterlift, max.	in. (mm) H ₂ O	108 (2743)
Airflow, max.	CFM (L/min)	45 (1274)
Current, max.	amps	8.3
Hopper Capacity	gallons (L)	12 (45.4)
Dimensions (L x W x H)	in. x in. x in. (mm x mm x mm)	34.5 x 21.0 x 40.0 (876 x 533 x 1016)
Sound Pressure Level	dB(A)	75
Available Features	-	 

What is a pneumatic conveyor?



Pneumatic conveyance is an automated machine process that transfers powder or granular material, according to schedule, quantity, distance and height desired.

Operating principle

A dedicated suction system creates vacuuming within the receiver hopper, and moves the material until it is discharged at the chosen destination point, such as a mixer, packaging machine or storage container.

Thanks to the high level of efficiency of the filtration system, Nilfisk pneumatic conveyors minimize potentially harmful dust discharge into the environment or work area.

Why choose a pneumatic conveyor?

Nilfisk conveyors bring value to production areas by protecting the integrity or purity of the materials being conveyed, reducing risk to operators, and integrating with process equipment to optimize operational efficiency and reduce costly down time.



Key advantages

- Easy and quick to install on related machines
- No dust discharge into the workplace
- No mixture segregation
- No granule chipping
- No fire triggering sources (ATEX)
- Highly flexible
- Very low maintenance
- Very limited wear
- Increase of up to 50% in production capacity
- Lower production costs
- Reduction of compressed-air consumption up to 30% (3-series)
- Limited space required (3 series pneumatic)
- Low TCO (3 series electric and 9-series)

Pneumatic Conveyors



Nilfisk 3VT Powder Conveyor

The 3VT moves powder and granules from sacks, big bags or other containers to the required location in selected quantities and within the desired time. The pneumatic dense phase conveyor transfers mixtures efficiently without segregation.

Nilfisk 9-Series blowing-based pneumatic conveyors

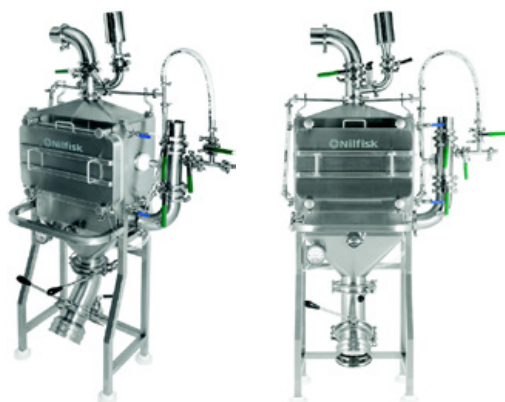
9GT is a three-phase pneumatic conveyor that automatically feeds processing machines such as capsule filling machines with empty capsules. Thanks to the high modularity of the range, the 9GT can be custom configured – from a simple conveyor (manually started when production initiates), to a fully automated and process-integrated machine.

Technical Specifications

Description	Unit	3VT	3VP	9GT
Conveyance Type	-	Dry	Dry	Dry
Type of Power	-	3-phase *	Compressed Air	3-phase *
Voltage @ 60Hz	V	240 / 460 / 575	-	240 / 460 / 575
Power @ 60Hz	HP (W)	0.94 (700)	-	0.5 (370)
Waterlift, max.	in. (mm) H ₂ O	297 (7543)	300 (7620)	120 (3048)
Airflow, max.	CFM (L/min)	9.4 (266)	23.5 (665)	46 (1300)
Air Consumption @ 79 PSI	NL/sec	4	4	-
Conveyance Rate	Kg/hr	400	550	-
Conveyance Rate	Capsules/min.	-	-	20000-40000
Dimensions (L x W x H)	in. (mm)	30x21x39 (750x550x1000)	23x16x17 (590x400x420)	55x21x49 (1400x550x1250)
Available Features	-	 	 	 

*Single-phase models available; see individual product sheet for more details.

Dust Containment Systems



Fixed Units



Mobile Units

Safely collect high-potency APIs, up to OEB5 GMP design



SAFE HEPA FILTER REPLACEMENT

The HEPA filter is safely removed thanks to the bag-in bag-out (BIBO) system. The maintenance personnel never comes in contact with the contaminated particulate filter while removing it, being protected against the hazardous contaminants retained by the filter unit. The sealed bag containing the filter is then removed and disposed of.



NO-CONTACT MATERIAL DISPOSAL

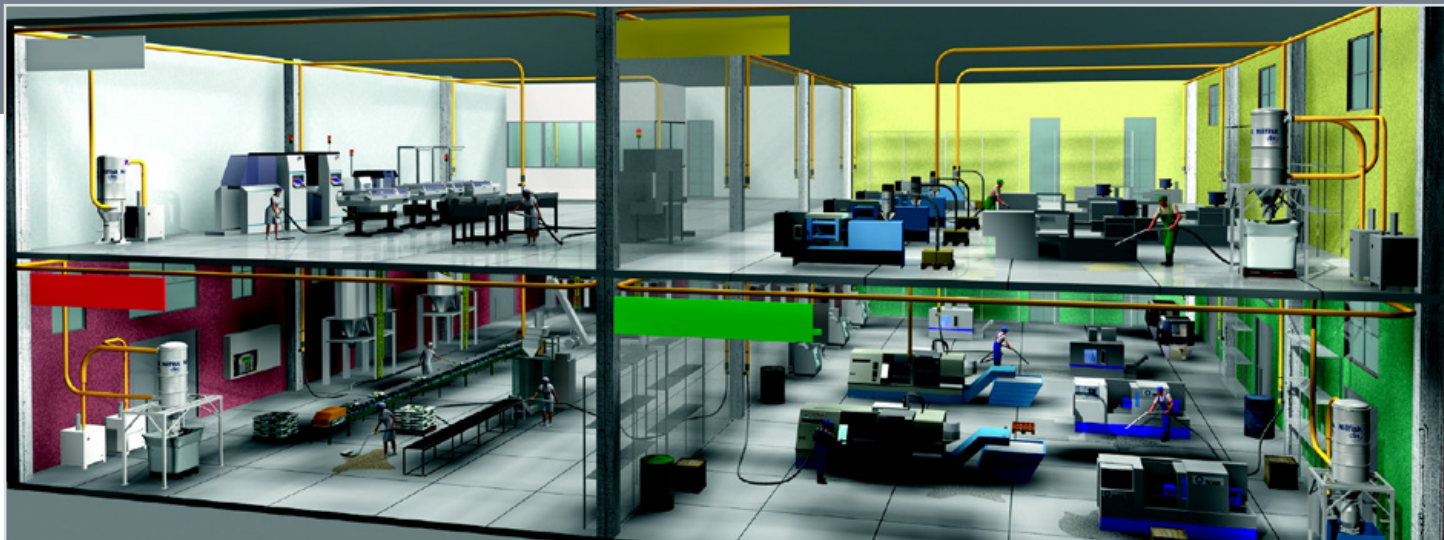
The hopper is emptied by opening the butterfly valve. The material is collected into a plastic bag which can be safely sealed, removed and replaced by the operator without ever coming in contact with it.



CLEAN IN PLACE AND WASH IN PLACE

The cyclone unit and filter unit can be washed inside – both by complete flooding and sprayballs – so as to deactivate the dust on the surfaces. The exhaust air is filtered by HEPA filters, while the washing liquid can be safely discharged. The CIP and WIP processes can be validated with fluoresceina tests before installation.

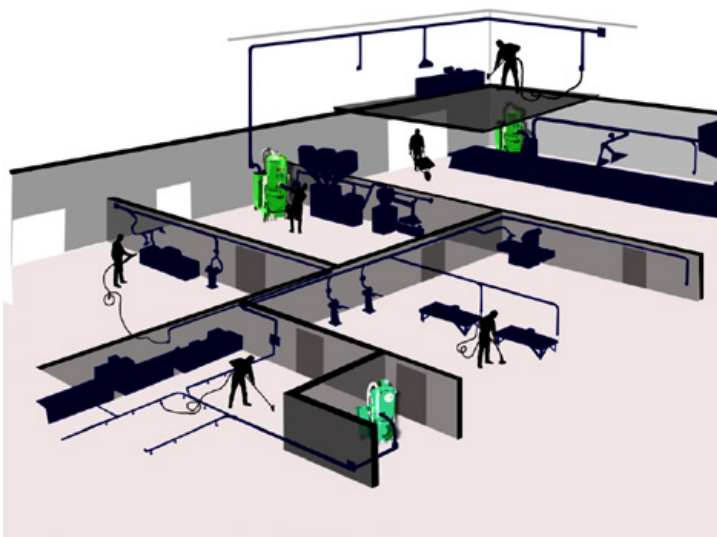
Central Vacuum Systems



Nilfisk's powerful continuous-duty industrial vacuums are ideal for central cleaning applications. We have helped hundreds of customers with localized zone cleaning, process-integrated cleaning, spot suction and even full-scale applications where tube systems must cover an entire plant.

When a company comes to us with a need for a top-quality central system, we begin by thoroughly investigating the application. Our application engineers and product management team analyze the particle size and weight of the material to be collected and review installation specifications, including floor plans, anticipated tube runs, drop locations and machine locations. Armed with this information, we design the right system for the job.

Contact your local district sales manager to inquire about a central vacuum system for your facility. Visit our website www.nilfisk.com or call 1(800) NILFISK.



Central Vacuum Systems



CV Blower



Hopper Separator



Filtered Pre-Separator

Along with industrial vacuums, our central vacuum systems are customized to include the right tools for the job. They can include CV blowers, hopper separators and filtered pre-separators.

Nilfisk CV Blowers

CV blower units provide a wide range of performance capabilities for a variety of central vacuum system applications. The CV blower units, when coupled with our line of Nilfisk hopper separators, provide countless possibilities for customizing a central vacuum system.

Nilfisk Hopper Separators

Nilfisk hopper separators offer a wide range of capacity and discharge options and can be combined with the Nilfisk line of CV blower units to fit any central vacuum system need.

Nilfisk Filtered Pre-Separators

These units collect, filter and hold materials in their tanks instead of sending them to the central system, significantly reducing the threat of cross-contamination. They are available in stainless steel and approved for cleanrooms down to ISO 5 (Class 100).



Specialty Products



Immersion Separator



Hoppers

Immersion Separator

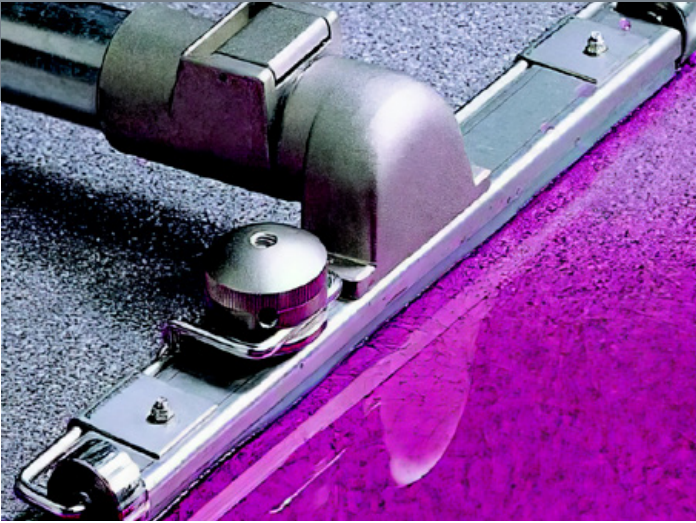
Nilfisk immersion separators comply with NFPA 484 for safe collection of metal dusts while collecting and rendering inert Group E metal dusts, such as aluminum, magnesium and other commercial alloys, in a fluid bath. Options include stand alone or integrated immersion separator to be used with the VHT437EXP and VHT456EXP (see page 6), VHS110EXP (see page 7), VHC110EXP and VHC120EXP (see page 8) and VHC200EXP (see page 9).

Contact your local sales representative for more information on solving dust collection challenges in Group E environments.

Hoppers

Separators are containers placed between the vacuum point and the vacuum cleaner and are the most effective way to vacuum and collect solids or liquids without having to use the container of the vacuum cleaner. One in a long list of separator options is the skip hopper. Nilfisk skip hoppers are available with 105- or 264-gallon collection capacities. The 105-gallon hopper has a tilt feature for easy disposal. The 264-gallon hopper features a drop-out bottom door for fast and easy emptying. The 264-gallon hopper can only be transported by forklift.





Nilfisk Industrial Vacuums offers a complete line of accessories. There are hundreds of options to cover a wide range of needs. Pictured below are examples of various options.



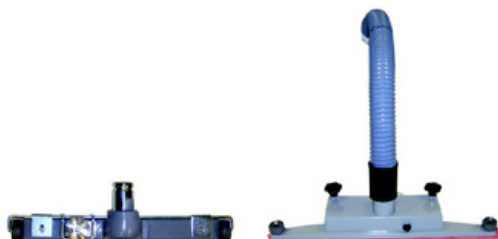
Hoses

- Standard plastic
- Black conductive (carbon impregnated)
- Clear wire-reinforced FDA-approved (pictured)
- High-temperature flexible steel
- High-temperature silicone
- Neoprene
- Range available for use with explosion-proof/dust ignition-proof machines



Accessory Kits

- General cleaning (pictured)
- Overhead cleaning
- Cleanroom
- Oven cleaning
- Micro-tools
- Range available for use with explosion-proof/dust ignition-proof machines



Floor Nozzles

- Color-coded
- High-temperature
- Conductive
- Range available for use with explosion-proof/dust ignition-proof machines



Collection Tools

- Color-coded
- High-temperature
- Antistatic
- Range available for use with explosion-proof/dust ignition-proof machines

Applications



Facility Maintenance



Bulk Collection



Hot Oven Cleaning



Overhead Cleaning



Auto Tool Start

Applications



Combustible Dust



Building and Construction



Process Integration



Pneumatic Conveying



Coolant Reclamation

Applications



Floor Cleaning



Powder Conveying with Mixer



Critical Environments



Water Removal



Multiple Users

Clearing the way for a safer, cleaner and more productive everyday

Safe Choice Commitment

At Nilfisk Industrial Vacuums we understand that you face many risks each day, just by operating your business. That is why Nilfisk is dedicated to helping you make smart choices to keep your facility and your workers safe. Our team of experts is ready to tackle any cleaning challenge – because in a world full of risk, you have to make safe choices.

We are committed to being that safe choice.
To learn more visit www.nilfisk.com