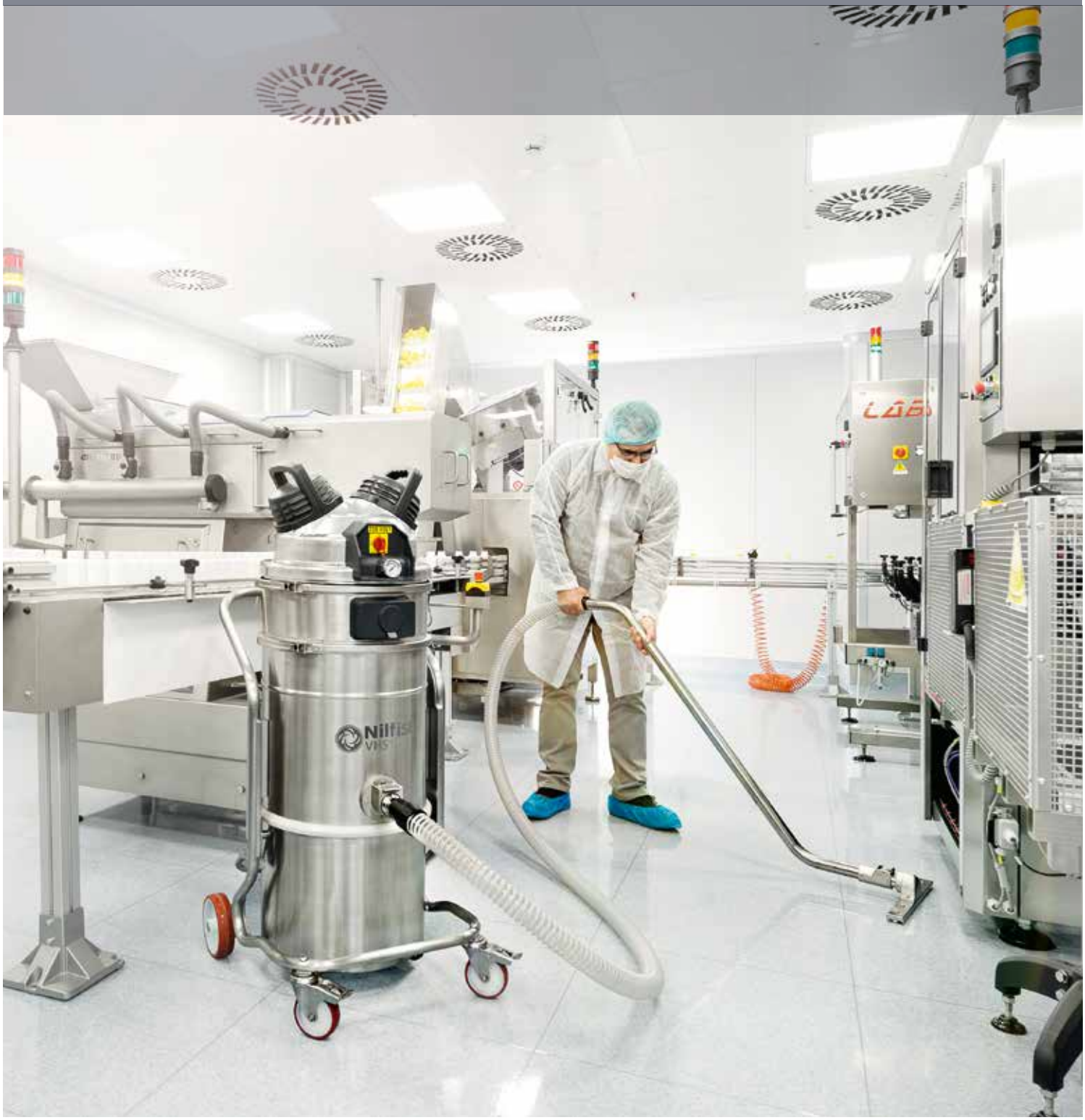
Product Catalogue 2019

- Industrial Vacuum Solutions



Nilfisk®

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

A complete range of industrial vacuum solutions for your company

Nilfisk produces specific industrial vacuums for any kind of application in all industrial sectors: from the engineering to the pharmaceutical and food industry, to many others.

In addition to vacuum cleaners, Nilfisk produces pneumatic conveyors, centralized vacuum systems and high power vacuums, in order to meet the needs of all types of manufacturing companies.

The general catalogue of products is, therefore, just a showcase of the range, showing solutions to get companies, safer, cleaner and more efficient. For further information visit our website www.nilfisk.com

Welcome to the industrial vacuum world.

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118

A REAL INDUSTRIAL VACUUM IN 95 CM HEIGHT

1 kW power, model 118 is suitable for the recovery of dry materials. Built in stainless steel to be used in industrial environments, it is however very small and light for great ergonomics and ease of use. Equipped with HEPA filter for hazardous waste.

VHS120

THE MOST COMPACT AND POWERFUL EVER

2 kW power, model VHS120 is suitable for the recovery of wet and dry materials. It is very compact, but it is equipped with a 37 liters container and it ensures excellent performances. Available even in M and H class for the recovery of toxic material. In these versions it is equipped with Longopac® system.

TECHNICAL DATA	Unit	118	VHS120	VHS120 MC
Voltage	V	230	230	230
Frequency	Hz	50-60	50	50
Protection class	IP	43	44	44
Insulation class	Class	F	I	I
Rated power	kW	1	2	2
Airflow without hose	l/min	2700	5500	5500
Vacuum max	kPa	21.5	21	21
Sound pressure level	dB(A)	75	74	74
Container capacity	l	25	37	-
Longopac capacity	l	-	-	25
Main filter type			L Class Polyester	M Class Polyester with glued seams
Main filter area	cm^2	8000	16000	16000
Upstream hepa filter H14 area	cm^2	-	-	-
Inlet	mm	50	50	50
Length x Width x Height	mm	500x550x940	560x570x1015	630x628x1300
Weight	kg	26	38	51

Single Phase Industrial Vacuums

S2B-S3B

POWER, SIMPLIFIED

2 or 3 kW power, respectively with two or three independent motors, S2B and S3B industrial vacuums can collect wet and dry materials. In particular they are designed to be used in metal manufacturing production sites to extract metal chips, metal filings, oil and lubricant solutions.

S2-S3

THE FIRST DIGITAL AND FULLY MODULAR INDUSTRIAL VACUUMS

2 or 3 kW power with "by-pass" motor, models S2 and S3 can collect wet and dry materials. They are equipped with a practical electronic dashboard for an easy use and a constant monitoring of the vacuum efficiency. Available with 40, 50 or 100 L bin or with Gravity Unload System (GU) with plastic or Longopac® disposal Bag.

TECHNICAL DATA	Unit	S2B	S3B	S2	S3
Voltage	V	230	230	230	230
Frequency	Hz	50/60	50/60	50/60	50/60
Protection class	IP	43	43	44	44
Insulation class	Class	I	I	I	I
Rated power	kW	2	3	2	3
Airflow without hose	l/min	5500	8100	5500	8100
Vacuum max	kPa	21	21	21.1	21.1
Sound pressure level	dB(A)	74	75	70	71
Container capacity	l	50	50/100	40	50/100
Main filter area	cm^2	19500	19500	19500	19500
Inlet	mm	70	70	70	70
Length x Width x Height	mm	795x600x1275	795x600x1275/1570	800x600x1230	800x600x1300/1580
Weight	kg	64	67/70	62	68/71

VHS110 ATEX / ClassIIDiv2

WHEN A SINGLEPHASE IS ATEX CERTIFIED

1.1 kW, suitable for the recovery of dry materials. VHS110 ATEX is suitable for Atex Z22 locations. Thanks to the brushless motor, this machine ensures high performance, it needs less maintenance and is suitable for continuous use. The innovative PullClean system effectively cleans the antistatic star filter while the vacuum is running.The optional HEPA14/ULPA15 upstream filter is the perfect choice when collecting fine dusts.

TECHNICAL DATA	Unit	VHS110 ATEX	VHS110 CIID2
Voltage	V	230	120
Frequency	Hz	50	60
Protection class	IP	64	-
Insulation class	Class	F	F
Rated power	kW	1.1	1
Airflow without hose	l/min	3600	2900
Vacuum max	kPa	22	22
Sound pressure level	dB(A)	76	76
Container capacity	l	37	37
Main filter area	cm^2	10000	10000
Inlet	mm	50	50
Length x Width x Height	mm	560x570x1240	560x570x1240
Weight	kg	42	44

T30S

WHEN POWER IS ESSENTIAL

3 kW power, suitable for the recovery of wet and dry materials, it is the right choice for production companies looking for a vacuum with a good price/quality ratio. Available in three different versions: with 50 or 100 liters container and with gravity unload system through polyethylene LDPE bag or Longopac®, the "endless" bag for dust collection.

CTS 22 - CTS 40 - CTT 40

COMPACT, VERSATILE AND FULLY CONFIGURABLE

2.2 and 4 kW power, the CTS-CTT series is suitable for the recovery of dry materials.
CTS models are equipped with lateral channel blower for a great vacuum and reduced airflow while CTT models mount a turbine, releasing a great airflow and less vacuum. The small size assures ease of movement, manoeuvrability, and allows to reach any place.

TECHNICAL DATA	Unit	T30S	CTS22	CTS40	CTT40
Voltage	V	400	400	400	400
Frequency	Hz	50	50	50	50
Protection class	IP	55	55	55	55
Insulation class	Class	F	F	F	F
Rated power	kW	3	2.2	4	4
Airflow without hose	l/min	5830	5300	7000	8900
Vacuum max	kPa	31	30	23	18
Sound pressure level	dB(A)	70	62	65	71
Container capacity	l	50-100	50	50	50
Main filter area	cm^2	19500	19500	19500	19500
Inlet	mm	70	70	70	70
Length x Width x Height	mm	600x980x1250/1530	1050x600x1250	1050x600x1250	1050x600x1250
Weight	kg	100/103	100	114	119

T22 - T40 - T40W - T75

TAILORED FOR METAL PRODUCTION

From 2.2 up to 7.5 kW, suitable for wet and dry materials. Different models for different needs, in particular the 4 kW model is available with double stage side-channel blower connected in series for a greater vacuum (model T40) or connected in parallel for an highest airflow (T40W). Ideal for the cleaning and maintenance of the plants.

T22^{PLUS} - T40^{PLUS} - T40W^{PLUS} - T40^{PLUS} HE

HEALTH AND SAFETY AS STANDARD

From 2.2 to 4.3 kW power, for dry materials. This series has been designed to assure safety to production companies, even in explosion risk areas (they are ATEX certified), moreover L-M-H class versions are suitable for the collection of toxic dust. The side channel blower in series on models T22^{PLUS} and T40^{PLUS} allows to reach a high vacuum, while the side channel blower in parallel on model T40W^{PLUS} assures a greater airflow. Model T40^{PLUS} HE performs efficiently with less energy consumption thanks to the induction motor producing a vacuum of 330 mbar and an airflow of 270 m³/h: no power limit but a reduced electricity demand from the first use. All T^{PLUS} models can be customized.

TECHNICAL DATA	Unit	T22	T40	T40W	T75	T22^{PLUS}	T40^{PLUS}	T40W^{PLUS}
Voltage	V	400	400	400	400	400	400	400
Frequency	Hz	50	50	50	50	50	50	50
Protection class	IP	55	55	55	55	55	55	55
Insulation class	Class	I	I	I	F	F	F	F
Rated power	kW	2.2	4.3	4	7.5	2.2	4.3	4
Airflow without hose	l/min	5250	5250	8150	8900	5250	5250	8150
Vacuum max	kPa	30	46	30	35	21	36	19
Sound pressure level	dB(A)	68	72	72	74	67	71	71
Container capacity	l	50/100	50/100	50/100	100	50/100	50/100	50/100
Main filter area	cm²	19500	19500	19500	35000	19500	19500	35000
Inlet	mm	70	70	70	70	70	70	70
Length x Width x Height	mm	1130x600 x1240/1530	1130x600 x1240/1530	1130x600 x1240/1530	1300x600x1640	1290x600 x1260/1540	1290x600 x1260/1540	1290x600 x1360/1640
Weight	kg	111/114	132/135	136/139	188	138/141	162	167

Threephase Industrial Vacuums

3707-3907 series

ENDLESS POWER FOR ENDLESS POSSIBILITIES

From 5.5 up to 13 kW, these industrial vacuums are suitable for the recovery of wet & dry materials. They are strong, powerful and reliable, therefore they are ideal for continuous and heavy-duty uses. The wide filter area and the great capacity of the container avoid machinery downtimes. Different models for different needs: greater vacuum pressure, greater air flow or greater power. These vacuums are the most requested by the heavy industry.

3997 - 3997W - 3997WC

FIRST CLASS POWER

22 kW power, these models are suitable for the recovery of wet and dry materials. For continuous, heavy duty use, these industrial vacuums can be connected to a fixed central system thanks to their high power. The electric filter shaker is mounted as standard.

TECHNICAL DATA	Unit	3707	3707/10	3907	3907W	3907/18	3997	3997C	3997W	3997WC
Voltage	V	230/400	230/400	230/400	230/400	230/400	400	400	400	400
Frequency	Hz	50	50	50	50	50	50	50	50	50
Protection class	IP	55	55	55	55	55	55	55	55	55
Insulation class	Class	F	F	F	F	F	F	F	F	F
Rated power	kW	5.5	7.5	11	11	13	20	20	20	20
Airflow without hose	l/min	8100	13500	8400	15300	18600	18600	18600	36000	36000
Vacuum max	kPa	35.3	24.5	43.1	29.4	29.4	44	44	25	25
Sound pressure level	dB(A)	78	78	78	78	78	79	79	78	78
Container capacity	l	175	175	175	175	175	175	175	175	175
Main filter area	cm^2	35000	35000	35000	35000	35000/66000	66000	110000	98000	110000
Inlet	mm	100	100	100	100	100	100	100	120	120
Length x Width x Height	mm	1600x800 x1810	1600x800 x1810	1600x800 x1810	1600x800 x1810	1600x800 x1810	2000x900 x2150	2000x900 x2150	2000x900 x2150	2000x900 x2150
Weight	kg	291	305	411	324	360	650	697	650	697

* Electric filtershaker as standard

VHC110 - VHC120 - VHC200

COMPRESSED AIR, AMPLIFYING SAVING

Designed to operate whenever electricity is unavailable or forbidden, these models are ideal to recover both solid debris and liquid spills.

Models VHC110 and VHC120 are equipped with a new technology of multistage vacuum generator system, to ensure the minimum air consumption together with good performance. Model VHC200, the largest model in the range, is the right solution for applications where top vacuum and airflow are required in heavy duty applications. The range is available in ATEX and EXP version.

TECHNICAL DATA	Unit	VHC110	VHC120	VHC200
Air consumption (at 6 bar of pressure)	Nl/min	630	1260	2650
Required pressure	bar	4/7	4/7	6 max
Sound pressure level 1.5 m (ISO 3744)	dB(A)	71	72	70
Airflow without hose (at 6 bar of pressure)	l/sec	33	56	93
Vacuum max (at 6 bar of pressure)	kpa	32.5	32.5	38
Container capacity	l	37	37	50/100
Main filter type		“L” class Polyester Star filter	“L” class Polyester Star filter	Polyester Star filter
Main filter area	cm²	16000	16000	19500
Upstream hepa filter h14	cm²	16000	16000	35000
Inlet	mm	50	50	70
Length x width x height	mm	570x560x1010	570x560x1010	910x600x1300/1590
Weight	kg	37	37	67/70

VHO 200

COLLECTING LIQUIDS HAS NEVER BEEN SO EASY!
2.4 kW power, this singlephase industrial vacuum has been designed to collect up to 75 litres of any kind of liquid, also mixed with solid materials, and discharge them very fast by simply activating the valve to change the suction into a blowing flow. It is equipped with a chip basket that can separate solid materials from liquids.

ECO-OIL 13 - ECO-OIL 22

VACUUM OIL TO SAVE OIL
1.3 kW singlephase and 2.2 kW threephase respectively, models ECO-OIL 13 and ECO-OIL 22 are specifically designed to recover oil, viscose liquids and chips, separate the solids from the liquids by means of "macrofiltration"and allowing the operator to recycle the recovered oil.

TECHNICAL DATA	Unit	VHO200	ECO-OIL 13	ECO-OIL 22
Voltage	V	230	230	400
Frequency	Hz	50	50	50
Protection class	IP	44	43	55
Insulation class	Class	I	B	F
Rated power	kW	2.4	1.3	2.2
Airflow without hose	l/min	4500	2675	5100
Vacuum max	kPa	23	31.3	32.3
Sound pressure level	dB(A)	70	70	71
Shaving capacity	l	22	30	30
Liquid capacity	l	75	180	180
Inlet	mm	50	50	50
Length x Width x Height	mm	580x880x1230	670x1050x1500	670x1050x1500
Weight	kg	60	120	135

All models are equipped with anti-oil wheels with breakes.
All seals are in rubber anti-oil.

IVT1000

THE VACUUM FOR CLEANROOMS

Small vacuum unit, ideal for clean rooms, where maximum sterilization and full contamination control are standard requirements. It is quiet and can be completely sterilized, the right solution for recovering small quantities of toxic (or even potentially lethal) powder (HEPA/ULPA filtration).

VHS110 CR

CLEANROOM-FRIENDLY, WET & DRY

Wet&Dry single phase vacuum cleaner for cleanrooms. The GMP design and the stainless steel execution make it extremely easy to clean and sanitize.
The ULPA15 downstream filter avoids contamination of the cleanroom area, as well the optional upstream HEPA14 or ULPA15 filter secure the highest filtration efficiency in case of very fine dust.

TECHNICAL DATA	Unit	IVT1000	IVT1000 H-CLASS	IVT1000 SAFE PACK	VHS110 CR
Voltage	V	220/240	220/240	220/240	230
Frequency	Hz	50/60	50/60	50/60	50
Protection class	IP	40	40	40	54
Insulation class	Class	-	-	-	I
Rated power	kW	1.2	1.2	1.2	1
Airflow without hose	l/min	2283	2100	2100	2967
Vacuum max	kPa	19.8	20	20	20.5
Sound pressure level	dB(A)	61	61	61	76
Container capacity	l	12.5	12.5	-	37
Dust bag capacity	l	6.5	8	6.5	-
Main filter area	cm^2	2100	2573	2573	10000
Inlet	mm	32	32	32	50
Length x Width x Height	mm	300x300x625	300x300x725	300x300x700	560x570x1240
Weight	kg	9	11.5	9	39

VHW200 - VHW201 - VHW210 - VHW211

THE MOST COMPACT VACUUM CLEANERS FOR AUTOMATED APPLICATIONS

From 0.45 up to 0.85 kW power, these three-phase fixed industrial vacuums are the smallest of Nilfisk range and are ideal to be integrated in process machines for the extracting and recovering of small quantities of dust or trimmings. Designed in compliance with GMP requirements, they are quiet and provide excellent filtration thanks to the main filter bag and the HEPA H14 upstream absolute filter as standard.

VHW310 - VHW311

BEST ONBOARD VACUUM TECHNOLOGY

1.5 kW power. Ideal to be integrated into process machine where only a limited space is available and high performances are required. Model VHW311 can be easily upgraded on the field with absolute filter and wheels, so as to become a mobile industrial vacuum.

TECHNICAL DATA	Unit	VHW200	VHW201	VHW210	VHW211	VHW310	VHW311
Voltage	V	400	400	400	400	400	400
Frequency	Hz	50	50	50	50	50	50
Protection class	IP	55	55	55	55	55	55
Insulation class	Class	I	I	I	I	I	I
Rated power	kW	0.45	0.45	0.85	0.85	1.5	1.5
Airflow without hose	l/min	1192	1192	1933	1933	3500	3500
Vacuum max	kPa	14.8	14.8	21	21	24	24
Sound pressure level	dB(A)	56	56	62	59	61	60
Container capacity	l	1	6.5	6.5	6.5	15	15
Main filter area	cm^2	1330	1840	1840	1840	4200	4200
Inlet	mm	40	40	40	40	50	50
Length x Width x Height	mm	530x270x415	420x430x820	330x640x475	420x430x820	420x710x905	420x710x905
Weight	kg	17	25	23	31	49	61

VHW320 - VHW321

MULTIFUNCTIONAL INNOVATION

1.5 kW power. Ideal to be used both as equipment of process machines and/or for cleaning and maintenance activities, they mount the new PullClean system to clean effectively the cartridge filter while the vacuum is running. VHW321, thanks to its innovative and smooth design, is extremely easy to clean and sanitize (GMP conformity). The H-class certified vac allows the safe replacement of the absolute filter without getting in contact with hazardous material.

VHW420 - VHW421

WHEN HYGIENE MEETS PERFORMANCES

2.2 kW power. Model VHW420 has been designed to ensure the highest performances in fully automated applications operating 24/7. Model VHW421 is the perfect symbiosis between performances and hygienic design for GMP requirements, it is easy to clean and sanitize but powerful.

TECHNICAL DATA	Unit	VHW320	VHW321	VHW420	VHW421
Voltage	V	400	400	400	400
Frequency	Hz	50	50	50	50
Protection class	IP	55	55	55	55
Insulation class	Class	F	F	F	F
Rated power	kW	1.5	1.5	2.2	2.2
Airflow without hose	l/min	3200	3200	5100	5100
Vacuum max	kPa	18.5	18.5	19	19
Sound pressure level	dB(A)	60	61	63	65
Container capacity	l	25	25	46	46
Main filter area	cm^2	10000	10000	20000	20000
Inlet	mm	50	50	70	70
Length x Width x Height	mm	440x780x1170	440x735x1170	540x970x1390	540x970x1390
Weight	kg	73	83	100	113

VHW440

THE HIGHEST PERFORMANCES FOR TOTAL HYGIENE PRODUCTIONS
4 kW power, it provides excellent performances in terms of vacuum, airflow and filtration for the total cleaning of production areas.

TECHNICAL DATA	Unit	VHW440
Voltage	V	400
Frequency	Hz	50
Protection class	IP	55
Insulation class	Class	F
Rated power	kW	4
Airflow without hose	l/min	7000
Vacuum max	kPa	23
Sound pressure level	dB(A)	67
Container capacity	l	46
Main filter area	cm^2	20000
Inlet	mm	70
Length x Width x Height	mm	540x970x1390
Weight	kg	113

DUST CONTAINMENT SYSTEMS

The dust containment range is composed of 2 families: the DCU and the CY series.
The DCU series is equipped with HEPA absolute filters and retains the finest dust particles.
The CY series is the high efficiency filterless pre-separation unit to be used in combination with DCU220 - DCU220WIP series.
The filter units need to be connected to a suction unit.

PLUS:
- Up to OEB 5
- Up to 1080 m³/h in very compact size
- GMP design
- Reduced maintenance costs
- Available in WIP version

Nilfisk DCU and CY series, the easiest to use dust containment filter systems OEB5 approved, together with the widest direct presence worldwide.

TECHNICAL DATA	Unit	CY202	CY203	DCU112	DCU113	DCU114	DCU115	DCU220 VTC	DCU220WIP VTC
Vacuum max	kPa - mbar	25/250	25/250	25/250	25/250	25/250	25/250	25/250	25/250
Airflow max	m³/h - l/min	650 - 10833	1080 - 18000	650 - 10833	1080 - 18000	550 - 9166	1080 - 18000	1080 - 18000	1080 - 18000
Main filter type		-	-	-	-	Star Filter - Antistatic M Class	Star Filter - Antistatic M Class	-	-
Main filter surface	cm²	-	-	-	-	19500	35000	-	-
Cyclone pre-separator efficiency	%	> 96% Using placebo dust (0.97 kg/dm³)	> 95% Using placebo dust (0.6 kg/dm³)	> 96% Using placebo dust (0.97 kg/dm³)	> 95% Using placebo dust (0.6 kg/dm³)	-	-	-	-
Hepa filter stage	S	-	-	1	1	1	1	2	2
HEPA 14 filter area	cm²	-	-	100000	100000	100000	100000	100000	100000
HEPA filter replacement system		-	-	BagIn BagOut	BagIn BagOut	BagIn BagOut	BagIn BagOut	BagIn BagOut	BagIn BagOut
Security HEPA filter area	cm²	-	-	-	-	-	-	100000	100000
Security HEPA filter replacement system		-	-	-	-	-	-	BagIn BagOut	BagIn BagOut
Filtering efficiency	%	-	-	99.995%	99.995%	99.995%	99.995%	99.995%	99.995%
Oeb level production phase		OEB5	OEB5	OEB5	OEB5	OEB5	OEB5	OEB5	OEB5
Oeb level maintenance phase		OEB4	OEB4	OEB4	OEB4	OEB4 no filter change included	OEB4 no filter change included	OEB4	OEB4
Container capacity	l	30	30	30	30	30	30	30	30
Length x Width x Height	mm	630x760 x2180	630x760 x2690	1454x710 x2232	1452x710 x2803	1521x710 x1826	1615x710 x2068	630x1010 x2920	630x1392 x2920

R series

THE FASTEST WAY TO COLLECT TRIMS

From 0.85 to 4 kW power, suitable for the recovery of trims and cuttings (paper, plastic, textile) from production lines. Suction power, construction features and dimensions are therefore tailored according to the production machines they need to serve.

TECHNICAL DATA	Unit	R104	R154	R155	R305	3507W R
Voltage	V	230/400	230/400	230/400	230/400	230/400
Frequency	Hz	50	50	50	50	50
Protection class	IP	55	55	55	55	55
Insulation class	Class	F	F	F	F	F
Rated power	kW	0.9	1.1	1.1	2.2	4
Airflow without hose	l/min	2600	3300	3300	5100	8600
Vacuum max	kPa	23	21	21	31	29
Sound pressure level	dB(A)	68	72	72	75	74
Container capacity	l	114	114	150	150	215
Main filter area	cm^2	11500	11500	14350	14350	19000
Inlet	mm	50	50	50	50	70
Length x Width x Height	mm	560x1200	560x1200	660x1250	660x1250	1200x700x1400
Weight	kg	38	40	47	61	155

ELECTRIC PNEUMATIC CONVEYORS

Electric pneumatic conveyors generate vacuum through side channel blowers. Compliant with Regulation 1935/2004, they can be used in the food and pharmaceutical industry. The range includes:

- 3VT Series - conveyor for powder mixtures up to 500 kg/h and/or grains smaller than 1 mm. No demixing of the material.
- 9505 Series - blowing-based conveyor for empty capsules.
- A128X Series with single-phase brush motor - conveyor for materials up to 300 kg/h and grains larger than 1 mm.
- PCT421FG Series - conveyor, to transfer fragile products to the packaging machine.
- Modular systems: custom-made solutions for specific applications.

The "Modular system" line includes custom-made solutions for specific applications.

COMPRESSED AIR PNEUMATIC CONVEYORS

Vacuum generation within this type of pneumatic conveyor is carried out by using compressed air systems. This system has a low noise level, high flexibility of use and it takes up less space. Thanks to the vacuum generation technology, the pump feed compressor's energy consumption is similar to that of electric systems. The standard line guarantees a very high level of hygiene. Made of AISI 304 stainless steel, it is ideal when a perfect balance between performance, compactness and low maintenance is required. This range is equipped with the "S series" pump, with a capacity up to 3100 kg/h. The premium line is employed where an optimal level of technology, efficiency and hygiene is required. All the parts in contact with the material, except for the gaskets and the filter, are made of AISI 316L stainless steel; the "H Series" pump is even more efficient, in terms of energy consumption, and it can transport up to 2600 kg/h.

TECHNICAL DATA	Unit	3VT	3VT / 25	PCC00HP	PCC12HP	PCC44SF	PCC44HF	9505	A128	A136	PCT421FG	PCT320FG
Voltage	V	400	400	-	-	-	-	220/400	220	220	400	400
Frequency	Hz	50/60	50/60	-	-	-	-	50/60	50/60	50/60	50/60	50/60
Protection Class	IP	54	54	54	54	54	54	55	40	40	55	55
Insulation Class	Class	F	F	-	-	-	-	F	F	F	F	F
Rated power	W	0.55	0.75	Compressed air	Compressed air	Compressed air	Compressed air	0.36	1	1	2.2	1.5
Airflow max	m^3/h	267	417	717	1433	4917	4617	1300	2700	2700	3960	3180
Vacuum max	kPa	74	74	75	75	75	75	-	21	21	19	18,5
Sound pressure level	dB(A)	61	61	70/73	69/77	69/77	69/77	62	74	74	65	60
Hooper capacity	l	11	11	2	3	14	14	198	8	16	7	7
Required pressure	bar	4/6	4/6	4/6	4/6	4/6	4/6	-	4/6	4/6	-	-
Air consumption	nl/sec, 6 bar	0.2	0.2	3.5	7	28	28	-	0.56	0.56	-	-
Main filter area	cm^2	1200	1200	800	1400	2500	7500	11000	7500	14100	20000	19500
Inlet	mm	30	30	25	32/38	63/76	63/76	60	40	50	50	70
Hopper LxWxH	mm	275x275 x542	275x275 x542	351x386 x287	442x489 x671	462x448 x1067	486x553 x1038	-	440x300 x730	550x400 x870	491x365 x593	491x365 x593
Hopper weight	kg	-	-	12	22	34	40	-	14	18	7	7
Trolley + motor LxWxH	mm	760x460 x870	760x460 x870	-	-	-	-	1200x610 x1200	-	-	900x460 x1450	900x500 x1390
Complete trolley	kg	78	78	-	-	-	-	104	-	-	55	73
Material		AISI 304/316L	AISI 304/316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 316L	AISI 304	AISI 304	AISI 304/316L	AISI 304/316L
Conveying capability up to	kg	500	500	300	600	2700	2200	700*	300	350	500	250

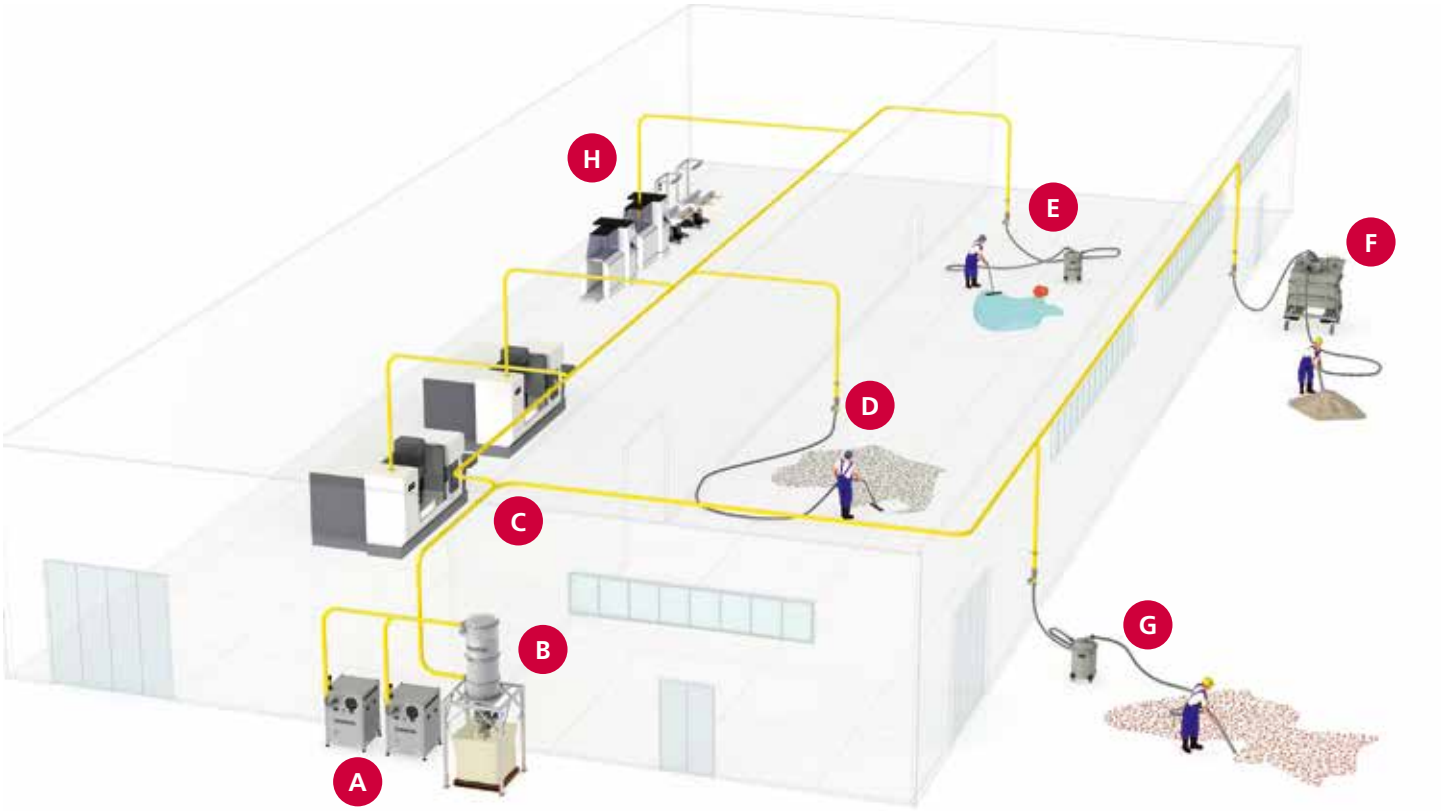
*Capsules per second

CENTRALIZED VACUUM SYSTEMS

Centralized vacuum systems are the perfect tool to efficiently clean wide areas, with a lot of floor space, large amounts of waste to collect and even when interconnected to process machines to provide vacuum where needed.
Many the advantages:

- It allows to collect materials from many inlets simultaneously;
- it can work continuously, allowing an immediate saving on resources;
- vacuumed materials are collected in one single container, placed either inside or outside the factory, making it easier for the operators to provide for their disposal or recycling.

Centralized vacuum systems consist essentially of a suction unit, a control panel, a filtration system, a discharge system and a series of pipes with inlets in the requested positions.
The new range has been designed in order to be modular, silent, green. Simply smart.



A	Suction Unit	D	Inlet for the tools quick connections	G	Hot material pre-separator
B	Silo/Filter Chamber	E	Liquid pre-separator	H	Process machines interconnection
C	Pipeline	F	Heavy Duty Pre-Separator		

KEEP CONTROL IN YOUR HANDS

SERVICE - WHY?

- To prolong the lifetime of your vacuum cleaner
- To get a healthier working environment
- To increase safety
- To avoid machinery downtime
- To reduce dramatically costs

EFFICIENT INDUSTRIAL VACUUM CLEANER = SAVING OF TIME AND MONEY

To maintain high the vacuum cleaner efficiency, it is necessary to make a periodic check-up to verify the correct functioning of its components, in particular the filter, the electrical system and the machine efficiency in general.
A correct maintenance prolongs the lifetime of the vacuum cleaner, minimizing the initial investment.
Choosing Nilfisk service means saving time and ensures continuous operational efficiency.

ATEX CERTIFIED VACUUM CLEANER: RENEW THE DECLARATION OF CONFORMITY TO RENEW SAFETY

Mainteinance is important to ensure the product efficiency, however especially in case of ATEX models, it is also very important to keep high the safety level.
Together with the standard service, ATEX industrial vacuums require planned interventions that will prolong the validity of the Declaration of Conformity released by Nilfisk.
If the maintenance isn't completed, the Declaration of Conformity loses its validity.

An efficient vacuum cleaner is a plus, keep control in your hands.

CERTIFICATIONS

Safety is an integral component of Nilfisk philosophy.
The range meets safety requirements in environments where there is a risk of explosion and in those where dust is a real hazard for human health and the environment.

NOTES

NOTES

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