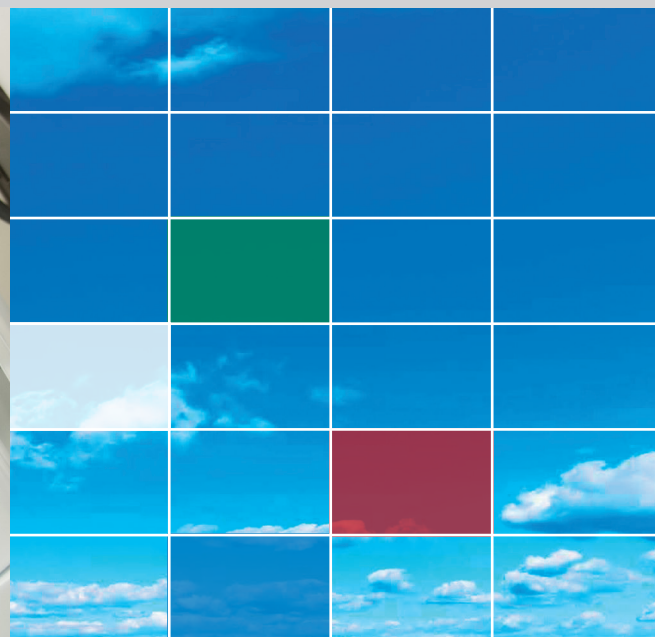



## General Catalogue

- Industrial Vacuums
- Pneumatic Conveyors
- Centralised Vacuum Systems
- High Power Vacuums





# Get a safer, cleaner and more productive working day, **Who else knows your application better, worldwide?**

Nilfisk-CFM, part of Nilfisk-Advance Group, is a worldwide manufacturer of industrial vacuums.

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

In addition to vacuum cleaners, Nilfisk-CFM produces pneumatic conveyors and centralised vacuum systems with high suction power 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-cfm.co.uk](http://www.nilfisk-cfm.co.uk)

Welcome to the industrial vacuum world.





## Hundreds of solutions, thousands of advantages





# Single Phase and Compressed Air Industrial Vacuums



118



S2B-S3B



S2



S3



VHO 200



ECO-OIL 13

## 118

1 kW, suitable for dust collection, light and compact, this vacuum is ideal for use everywhere.

## S2B-S3B

2 or 3 kW power, the S2B and S3B can collect wet and dry material. Ideal to be used in mechanical industry.

## S2

2 kW with 2 "by-pass" motors. The S2 is fitted with an electronic board for good functionality and easy monitoring. It's available with a 40 L bin or a Gravity Unload System (GU) with plastic or Longopac® disposal Bag. It is available in L-M or H Class certified versions.

## S3

3 kW with 3 "by-pass" motors. The S3 is fitted with an electronic board for good functionality and easy monitoring. It's available with a 50L bin - 100L or a Gravity Unload System (GU) with plastic or Longopac® disposal Bag. It is available in L-M or H Class certified versions.

## VHO 200

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.

## ECO-OIL 13

1.3 kW power, suitable for oil and chips waste collection. This is the entry level model for the oil collection range, and it has been designed to collect oil emulsions mixed with chips. It can filter and recycle the oil in a few minutes.

TECHNICAL FEATURES	Power kW	Max vacuum mBar	Max airflow m³/h	Capacity L
118	1	215	162	25
S2B	2	211	330	50
S3B	3	211	486	50-100
S2	2	211	330	40
S3	3	211	486	50-100
VHO 200	2,4	230	270	75
ECO-OIL 13	1,3	320	161	180
15ATEX	1,1	220	138	25
MT1000	1,2	205	137	12,5
A15	-	392	138	25
VHC200	-	380	336	50-100



## 15ATEX

1,1 kW, suitable for collection of dust. Designed to operate in Zone 22 areas, it is ATEX certified. Ideal to also collect toxic dust because it can be equipped with HEPA absolute filtration.

## IVT1000

Industrial vacuum for clean rooms, it is completely autoclavable. HEPA/ULPA filtration. Suitable up to clean rooms ISO 4 class.

## A15

The A15 model is the smallest in the compressed air range and is equipped with a Venturi system which is entirely contained inside the head.

## VHC200

Compressed air industrial vacuum equipped with an external Venturi system offering great performances in terms of vacuum and airflow.



15ATEX



IVT1000



A15



VHC200



# Threephase Industrial Vacuums



CTS-CTT



T30S

## CTS 22 - CTS 40 - CTT 40

Compact industrial threephase vacuums with lateral channel blower or turbine. Big power for small spaces. Ideal for suction at source.

## T30S

T30S is a simple, robust three phase vacuum for the standard application. It's available with a 100L or 50L capacity bin as well as with a Gravity Unload system (GU) with plastic or Longopac® disposal Bag. Convenient, powerful and ergonomic.



T<sup>PLUS</sup>



T40<sup>PLUS</sup> HE

## T22<sup>PLUS</sup> - T40<sup>PLUS</sup> - T40W<sup>PLUS</sup>

T22<sup>PLUS</sup> of 2.2 kW, T40<sup>PLUS</sup> with a 4kW side-channel blower in series to reach a high depression and T40W<sup>PLUS</sup> with a 4 kW side channel blower in parallel for a high airflow. ATEX and L-M-H certified.

## T40<sup>PLUS</sup> HE

Designed to perform efficiently with less energy consumption. This is possible thanks to the induction motor producing a vacuum of 330 mbar and an airflow of 270 m<sup>3</sup>/h: no power limit but a reduced electricity demand from the first use.



3707-3707/10



3907-3907W-3907/18

## 3707 - 3707/10

5.5 and 7.5 kW power, suitable for wet and dry use. Industrial vacuums that offer high performance, whilst maintaining manoeuvrability and versatility.

## 3907 - 3907W - 3907/18

11 and 13 kW power for wet and dry. Three available models offering different features according to specific demands: greater vacuum pressure, greater air flow or greater power.



3907/18/780



3997-3997W-3997WC

## 3907/18/780

13 kW power for wet and dry. Industrial vacuum designed for the suction of large quantities of very fine dust. The filter surface is of 6,5 m<sup>2</sup>.

## 3997 - 3997W - 3997WC

22 kW power for wet and dry use. For continuous, heavy duty use, these industrial vacuums may be connected to a fixed central system thanks to their high power. The electric filter shaker is mounted as standard.

TECHNICAL FEATURES	Power kW	Max vacuum mBar	Max airflow m <sup>3</sup> /h	Capacity L
CTS22	2,2	300	316	50
CTS40	4	300	421	50
CTT40	4	180	532	50
T30S	3	310	350	50-100
T22 <sup>PLUS</sup>	2,2	300	315	100
T40 <sup>PLUS</sup>	4,3	460	315	100
T40W <sup>PLUS</sup>	4	290	489	100
T40 <sup>PLUS</sup> HE	4	330	315	100
3707	5,5	360	486	175
3707/10	7,5	420	810	175
3907	11	520	504	175
3907W	11	360	918	175
3907/18 - 3907/18-780	13	440	1116	175
3997	22	620	1116	175
3997W-3997WC	22	440	2160	175



## T22 - T40 - T40W - T75

from 2,2 up to 7,5 kW, allowing users to choose the most suitable model for different needs. In particular the 4 kW model is available with double stage side-channel blower connected in series for a greater vacuum (T40 model) or connected in parallel for an highest airflow (the T40W).

## ECO-OIL 22

2.2 kW power, suitable for oil and swarf collection. Industrial vacuum used for the recovery of oil from machine tools after machining takes place. The industrial vacuum separates the oil from the swarf, filters it and recycles it into the machine in a just a few minutes.



T22 - T40 - T40W - T75



ECO-OIL 22



TECHNICAL FEATURES	Power kW	Max vacuum mBar	Max airflow m <sup>3</sup> /h	Capacity L
T22	2,2	300	315	50-100
T40	4,3	460	315	50-100
T40W	4	300	516	50-100
T75	7,5	430	534	100
ECO-OIL22	2,2	330	306	180

# Industrial vacuums for food, pharma and OEMs - **White Line**



040/22 - 100/28



3101

## 040/22 - 100/28

From 0,37 to 1,6 kW power, these models have been specifically designed for operation within small lockers or reduced spaces. Ideal for fixed applications.

## 3101

0,85 kW power. Fixed vertical bases, ideal for all types of fixed suction from automatic machinery, work benches etc.



VHW310 - VHW311



VHW320 - VHW321

## VHW310 - VHW311

1,5 kW power. Ideal to be integrated into process machines where only a limited space is available and high performances are required. The VHW311 can be easily upgraded in the field with absolute filter and wheels, so as to become a mobile industrial vacuum.

## VHW320 - VHW321

1,5 kW power. Ideal to be used both as equipment for process machines and/or for cleaning and maintenance activities, they feature the new PullClean system to effectively clean the cartridge filter while the vacuum is running. Thanks to its innovative and smooth design, the VHW321 is extremely easy to clean and sanitise (GMP conformity). The H-class certified vac allows the safe replacement of the absolute filter without getting in contact with hazardous material.



VHW420



VHW421

## VHW420 - VHW421

2,2 kW power. The VHW420 has been designed to ensure the highest performances in fully automated applications operating 24/7. The VHW421 is the perfect symbiosis between performance and hygienic design for GMP requirements, it is easy to clean and sanitise but powerful



VHW440



R

## VHW440

4 kW power, it provides excellent performances in terms of vacuum, airflow and filtration for the total cleaning of production areas.

## "R" series

From 0,85 to 4 kW power, suitable for collection of trimmings and cuttings. A series of industrial vacuums specifically designed for the suction of cuttings and trimmed pieces of plastic, paper or fabric.

TECHNICAL FEATURES	Power kW	Max vacuum mBar	Max airflow m³/h	Capacity L
040/22	0,37	130	78	3
100/28	0,85	220	144	9
3101	0,85	220	144	9
VHW310	1,5	240	210	5
VHW311	1,5	240	210	5
VHW320	1,5	170	192	25
VHW321	1,5	170	192	25
VHW420	2,2	306	210	46
VHW421	2,2	306	210	46
VHW440	4	420	210	46
R104	0,85	220	144	114
R154	1,1	230	192	114
R155	1,1	230	192	150
R305	2,2	310	276	150



# Professional Series

All the vacuums in this range can be used for either wet or dry material, thus maximising their range of applications.

The Nilfisk IVB 3/5/7/9 units are equipped with air monitoring and an acoustic alarm that is activated when the filter is clogged, i.e. airflow falls below 20m/sec.

A power outlet allows hand tools to be powered by the vacuum. The Auto ON/OFF feature means that the vacuum motor is remotely activated when the power tool is switched on or off.

The vacuums are approved for collection of dust in class "M" and "H" and are available with 3 different dust bags for use with different types of dust or debris.

This range of Nilfisk industrial vacuums is ideal for mobile workers such as carpenters, builders, plumbers and others who need to be able to ensure their own working



IVB 3



IVB 5



IVB 7



IVB 9



TECHNICAL FEATURES	Power kW	Max vacuum mBar	Max airflow m <sup>3</sup> /h	Capacity L
IVB3	1,2	220	216	27
IVB5	1,2	220	216	45
IVB7	1,2	220	216	70
IVB9	2,4	220	432	70

# Pneumatic Conveyors

## The most performant tool to move dust and granules

Pneumatic conveyors can move dust or granules from containers into machine tools, for example they are employed to feed mixers, reactors, vibrating screens, granulators, capsule machines, compressors and blistering machines.



# Centralised Vacuum Systems

The centralised vacuum system is composed of a suction unit, a filtration unit and a pipeline network.

The advantages are easily summarised:

- time savings, due to simultaneous suction from various

production areas;

- productivity increase, due to the possibility of continuous suction reducing machinery down time;
- rapid disposal of waste, due to the various automatic emptying systems for the collected material.





# High Power Industrial Vacuums

## High Power for great quantities

The high power series of machines covers 15 heavy duty standard vacuum models. The power capacity goes from 22 - 55 kW and special models can be individually designed.

The powerful **Nilfisk-CFM** vacuum units will enable savings in time and resources. Foundries, cement plants, steel works, incinerating plants and all types of industry choose **Nilfisk-CFM** products for their sturdiness and ease of operation, but more importantly for their multi-purpose use: recovering, maintenance, use as a suction unit in a

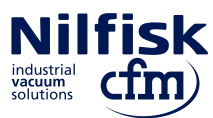
fixed central installation, etc.

All models in the range have been designed with safety regulations for the operators and the environment in mind. They are easy to manoeuvre from one area to another using a fork lift or overhead travelling crane that locates to the special pick-up points attached to the units.

**Nilfisk-CFM** can also offer a wide range of hoppers, unloading and storage systems for all production requirements. Mobile version available.



TECHNICAL FEATURES	Power kW	Max airflow m <sup>3</sup> /h	CFM SETTING Air Volume at max Vacuum
Compact AC30	30	1.800	1.450 m <sup>3</sup> /h at 4.600 mm H <sub>2</sub> O / 451 mbar
Multivac AM30	30	1.800	1.450 m <sup>3</sup> /h at 4.600 mm H <sub>2</sub> O / 451 mbar
Compact AC37	37	2.000	1.550 m <sup>3</sup> /h at 5.100 mm H <sub>2</sub> O / 500 mbar
Multivac AM37	37	2.000	1.550 m <sup>3</sup> /h at 5.100 mm H <sub>2</sub> O / 500 mbar
Compact AC37AV	37	1.700/1.600	1.100 m <sup>3</sup> /h at 6.500/7.000 mm H <sub>2</sub> O / 640/690 mbar
Multivac AM37AV	37	1.700/1.600	1.100 m <sup>3</sup> /h at 6.500/7.000 mm H <sub>2</sub> O / 640/690 mbar
Compact AC45AV	45	2.100	1.700 m <sup>3</sup> /h at 6.200 mm H <sub>2</sub> O / 610 mbar
Multivac AM45AV	45	2.100	1.700 m <sup>3</sup> /h at 6.200 mm H <sub>2</sub> O / 610 mbar
Multivac AM55AV	55	2.600	1.850 m <sup>3</sup> /h at 7.000 mm H <sub>2</sub> O / 700 mbar



**Nilfisk-CFM UK & IE**

Nilfisk House, Bowerbank Way, Gilwilly Ind. Est.,  
Penrith, Cumbria, UK, CA11 9BQ

UK Tel: 01768 868 995

UK Fax: 01768 864 713

IE Tel: 012943838

IE Fax: 012943845

[www.nilfisk-cfm.co.uk](http://www.nilfisk-cfm.co.uk) / [mail.uk@nilfisk.com](mailto:mail.uk@nilfisk.com)

[www.nilfisk.ie](http://www.nilfisk.ie) / [sales.ie@nilfisk.com](mailto:sales.ie@nilfisk.com)