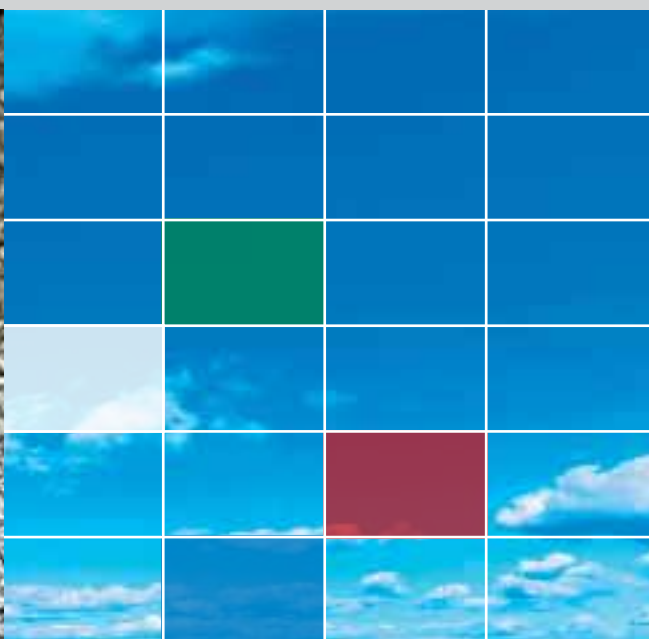




# General Catalogue

- Industrial Vacuums •
- Pneumatic Conveyors •
- Centralized Vacuum Systems •
- High Power Vacuums •





# Introduction

Nilfisk-CFM SpA, a Company belonging to 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, to many others.

In addition to vacuum cleaners, Nilfisk-CFM produces pneumatic conveyors and centralized vacuum systems with high suction power to meet the needs of all types of manufacturing.

The general catalogue of products is therefore just a showcase for the range, to see the benefits and solutions that have made companies cleaner, more efficient and competitive worldwide, why not visit our websites dedicated to the industry, starting at [www.nilfisk-cfm.com](http://www.nilfisk-cfm.com).

Welcome to the industrial vacuum world.



**Hundreds solutions, thousands advantages**





# Single Phase and Compressed Air Industrial Vacuums



118



S2B-S3B



S2



S3



WST100



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, mod. S2B and S3B can collect wet and dry material. Ideal to be used in mechanical industries.

## S2

2 kW with 2 "by-pass" motors. Model S2 is fitted with an electronic board for a good functioning and an 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. Model S3 is fitted with an electronic board for a good functioning and an 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.

## WST100

Industrial vacuum for wet applications. It can be equipped with a diverting valve for an easy and fast discharge of the collected liquids. Also able to separate liquids from solid materials.

## ECO-OIL 13

1.3 kW power, suitable for oil and swarf waste collection. This is the entry level model for the oil collection range, and it has been designed to collect oil emulsions mixed with swarf. 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
WST100	2,4	220	270	100
ECO-OIL 13	1,3	320	161	180
15ATEX	1,1	220	138	25
IVT1000	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 - and it is ATEX certified. Ideal for collecting 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

Model A15 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 term 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.



TPLUS



T40PLUS HE

## T22PLUS - T40PLUS - T40WPLUS

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.

## T40PLUS 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. 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
T22PLUS	2,2	300	315	100
T40PLUS	4,3	460	315	100
T40WPLUS	4	290	489	100
T40PLUS 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 the 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).

## 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.

## OIL 440E - OIL 675E

4 kW power, suitable for oil and swarf waste collection. Specific vacuums for the recovery, filtration and re-use of oil, coolant, and lubricants. 400 or 600 litres liquid container.

## 3 A, B, C

1.5 and 2.2 kW power, suitable for the collection of welding flux. These systems are indispensable for flux recovery in submerged arc welding installations.



T22 - T40 - T40W - T75



ECO-OIL 22



OIL 440E - OIL 675E



3 A-B-C



TECHNICAL FEATURES	Power kW	Max vacuum mBar	Max airflow m³/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
OIL440	4	460	312	400
OIL675	7,5	650	429	600
3 A-B-C	0,85-1,5-2,2	220-250-320	144-231-306	-



# Threephase Industrial Vacuums - White Line



040/22 - 100/28-150/36



3051-3101-3151

## 040/22 - 100/28 - 150/36

From 0,37 to 1,6 kW power, suitable for dust collection. Fixed horizontal bases, silent and specifically designed for operation within small lockers or reduced spaces. Ideal for fixed applications.

## 3051 - 3101 - 3151

0,37, 0,85 and 1,6 kW power suitable for dust collection. Fixed vertical bases, ideal for all types of fixed suction from automatic machinery, work benches etc.



3156



3306

## 3156 - 3306

1,6 and 2,2 kW power, suitable for dust collection. These industrial vacuums have been designed to be used in the chemical, pharmaceutical and food industry and all other production areas where hygiene must be guaranteed. The suction components of these vacuums has been designed for ease of sanitisation.



R



3507WR

## "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.

## 3507WR

4 kW power, it is the most powerful and capable in the "R" series. It's the best solution to collect large quantities of trims from a production line.



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
150/36	1,6	240	198	25
3051	0,37	130	78	9
3101	0,85	220	144	9
3151	1,6	240	198	25
3156	1,6	240	192	25
3306	2,2	310	276	48
R104	0,85	220	144	114
R154	1,1	230	192	114
R155	1,1	230	192	150
R305	2,2	310	276	150
3507WR	4	310	510	215



# 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 environment is safe.



IVB 3



IVB 5



IVB 7



IVB 9



TECHNICAL FEATURES	Power kW	Max vacuum mBar	Max airflow m³/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.



## Centralized Vacuum Systems

The centralized 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 m³/h	CFM SETTING Air Volume at max Vacuum
Compact AC30	30	1.800	1.450 m³/h at 4.600 mm H <sub>2</sub> O / 451 mbar
Multivac AM30	30	1.800	1.450 m³/h at 4.600 mm H <sub>2</sub> O / 451 mbar
Compact AC37	37	2.000	1.550 m³/h at 5.100 mm H <sub>2</sub> O / 500 mbar
Multivac AM37	37	2.000	1.550 m³/h at 5.100 mm H <sub>2</sub> O / 500 mbar
Compact AC37AV	37	1.700/1.600	1.100 m³/h at 6.500/7.000 mm H <sub>2</sub> O / 640/690 mbar
Multivac AM37AV	37	1.700/1.600	1.100 m³/h at 6.500/7.000 mm H <sub>2</sub> O / 640/690 mbar
Compact AC45AV	45	2.100	1.700 m³/h at 6.200 mm H <sub>2</sub> O / 610 mbar
Multivac AM45AV	45	2.100	1.700 m³/h at 6.200 mm H <sub>2</sub> O / 610 mbar
Multivac AM55AV	55	2.600	1.850 m³/h at 7.000 mm H <sub>2</sub> O / 700 mbar



Contact immediately the  
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