



High Power Vacuums



The latest vacuum cleaning solutions for the heavy industry

High Power Vacuums

Guaranteed saving and easy operation



High power industrial vacuums are irreplaceable tools in the heavy industry to collect dusty or granular materials escaped during the working process.

Waste collection prevents product contamination and working machines' stops.

Material recovery grants immediate saving.

High power industrial vacuums are especially designed to collect materials:

- In large quantities
- Heavy
- In big sizes

Moreover, extremely reduced maintenance, easy operation and extraordinary performance allow to rapidly pay off the investment, thus making high power vacuums an exceptionally productive tool.

These powerful vacuums are made of thick metal plate to resist stress and abrasions, with few moving parts to avoid motion damage.

The essence of Power, Strength and Simplicity.

Models Compact AC37AV and Multivac AM45AV are also available in **ATEX II3D** version, in compliance with Directive **94/9/EC**, for application in **Zone 22**.

TECHNICAL DATA	Power kW	Max airflow m ³ /h	SETTING Air Volume at max Vacuum
Compact AC30	30	1.800	1.450 m ³ /h at 4.600 mm H ₂ O
Multivac AM30	30	1.800	1.450 m ³ /h at 4.600 mm H ₂ O
Compact AC37	37	2.000	1.550 m ³ /h at 5.100 mm H ₂ O
Multivac AM37	37	2.000	1.550 m ³ /h at 5.100 mm H ₂ O
Compact AC37AV	37	1.700/1.600	1.100 m ³ /h at 7.000 mm H ₂ O
Multivac AM37AV	37	1.700/1.600	1.100 m ³ /h at 7.000 mm H ₂ O
Compact AC45AV	45	2.100	1.700 m ³ /h at 6.200 mm H ₂ O
Multivac AM45AV	45	2.100	1.700 m ³ /h at 6.200 mm H ₂ O
Multivac AM55AV	55	2.600	1.850 m ³ /h at 7.000 mm H ₂ O
Multivac AM85D	85	2.500	1.750 m ³ /h at 6.500 mm H ₂ O



A solution whenever “extreme” vacuum cleaning is needed

A range with no equal

Two product lines, dozens of ready-to-use versions



Besides the economic saving, high power vacuums offer a number of advantages greatly appreciated by the heavy industry, such as the easy moving of the machine by means of a forklift or overhead crane.

Nilfisk-CFM manufactures two product lines of high power machines: the Compact and the Multivac range.

Compact

As by its name, this range gathers all the features necessary to the heavy industry:

- A powerful and silent volumetric lobe blower (Roots type) ranging from 30kW up to 45kW
- A filter system, including independent automatic filter cleaning through a counter flow air jet. This system is dynamic, increasing its efficiency when the quantity of vacuumed material increases. Therefore, when large amounts of fine dust are collected, the filter performance remains always efficient.
- A removable container for collected materials integrated in the vacuum.

The container can be supplied in the hopper version, provided with automatic discharge: when the container is full, the vacuum stops automatically and discharges the vacuumed material.

Multivac

The modular range, allowing customization of the vacuum according to applications.

This range includes:

Basic components	Optional versions
Technical system	Electric lobe motor
	Independent diesel motor
Filter system	Mounted on the motor group
	Mounted on the material container
Container system	A number of options and discharge systems

Combining the above options, you can easily create your perfect vacuum which can be either a fix installation connected to the piping system, or a mobile unit easily transportable by forklift.

The DIESEL version is recommended for all remote applications or whenever electricity is not available.

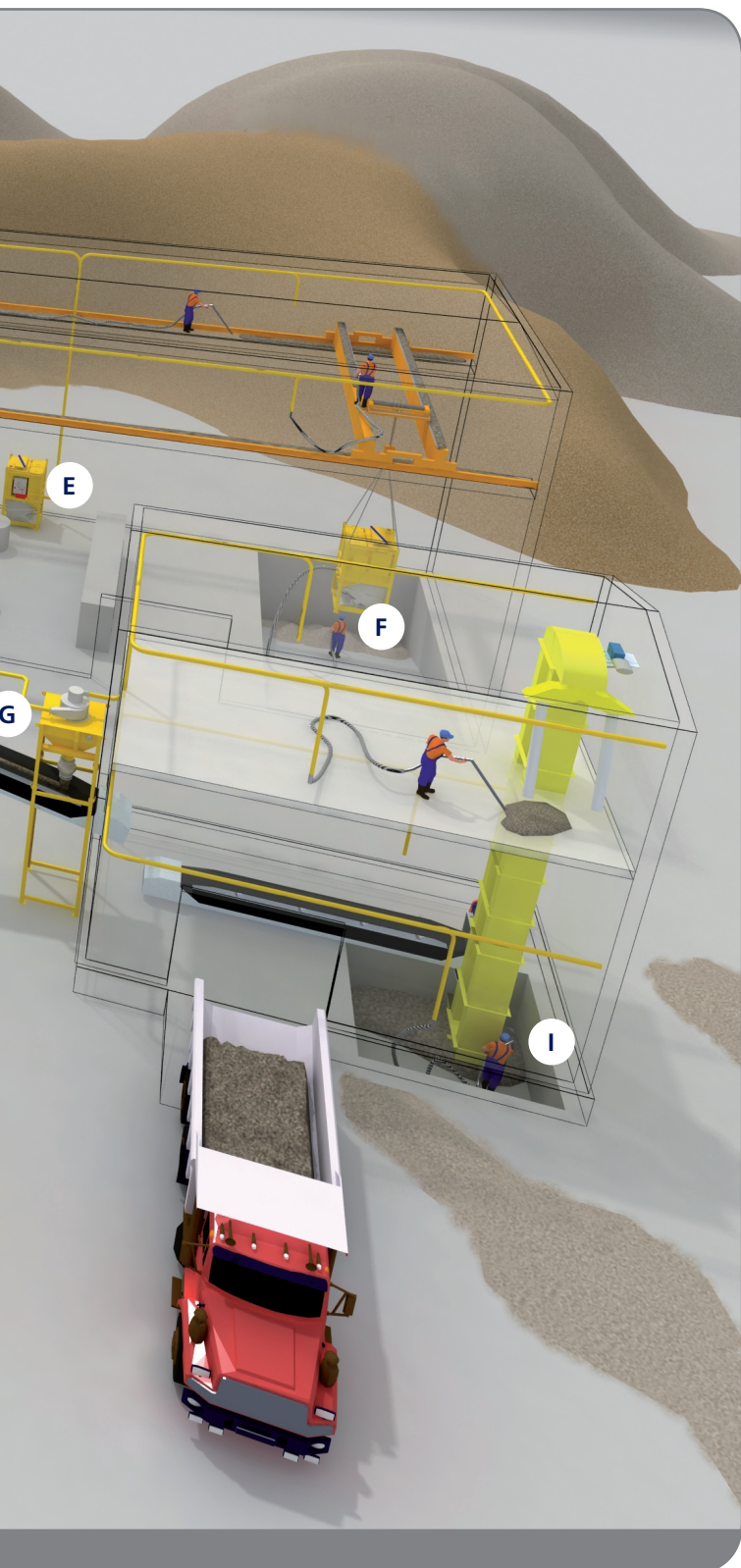
Versatile, flexible and powerful: a stop to waste

Countless solutions

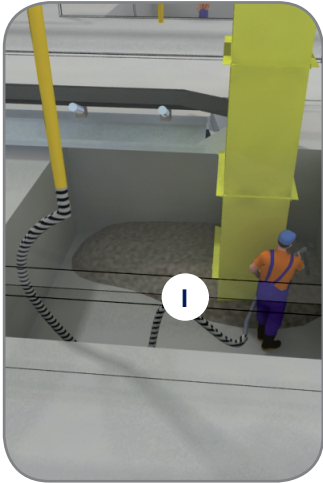
Discover some of the possible applications of high power vacuums



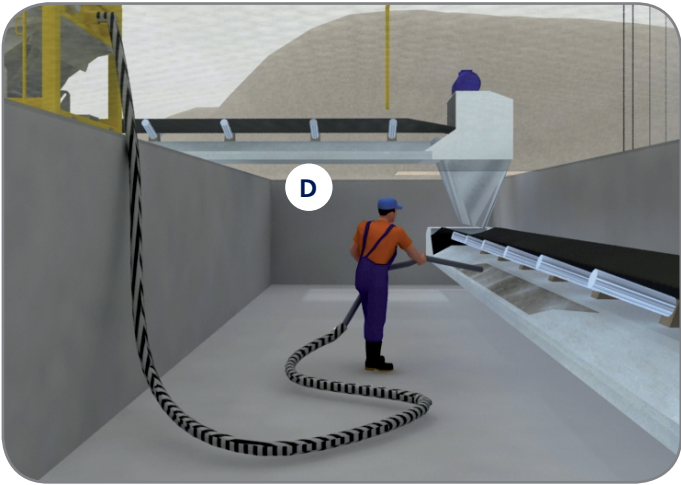
High power vacuums: some applications



- A. **Compact with removable container:** this model includes also the automatic filter cleaning system. It is commonly used to collect large quantities of dusty and/or granular material escaped from mills or silos. After collecting the material, the container can be removed by a forklift and discharged in the collection area by simply pulling a lever.
- B. **Compact with hopper:** the collected material can be discharged into a BIG BAG or other container.
- C. **Multivac:** can be supplied with a variety of containers and discharge systems to collect and discharge materials in specific areas.
- D. **Compact:** equipped with a high vacuum volumetric lobe blower to recover material from underground corridors, pits, narrow passages and areas difficult to reach. A single person can keep the area perfectly cleaned all year through.
- E. **Compact:** easy recovery of large quantities of dust deposited on the building framework. Flexible pipes allow to clean even the remotest areas, such as the overhead crane frame or underground and aerial spots.
- F. **Compact:** lifting and transfer of a Compact vacuum system by means of a overhead crane to reach and pick-up materials from far and inaccessible areas.
- G. **Compact:** material recovery from the hopper mounted on a conveying system which introduces again the collected material into the working process. The hopper can be put under vacuum by any machine of the Compact range, whether it be close to the area or in a separate place.
- H. **Multivac:** easy transfer of Multivac on trolley by a forklift. The hopper with cyclone and bottom discharge is also transported by the forklift.
- I. **Compact/Multivac:** in case of sudden damage to installations with consequent material leakage, the high power vacuum help carry out extraordinary maintenance and recover escaped materials, with no need to stop the working process.



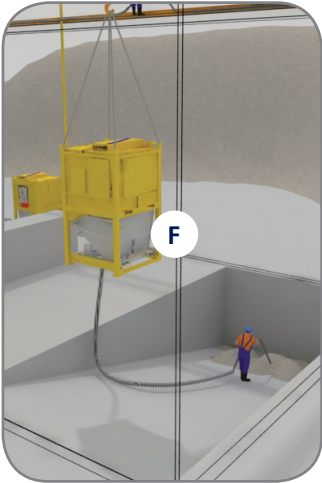
System for the recovery of raw materials



Centralized system employed in the heavy duty industry



Transportable system for wide industrial areas



Recovery of foundry sand from pits



Guaranteed assistance

Need help?

Skilled technicians and service points all over the world



Service points for the maintenance of our vacuums are present all over the world thanks to the widespread sales/technical network of Nilfisk-Advance Group.

Specialists of our range have been trained directly by Nilfisk-CFM in Italy.

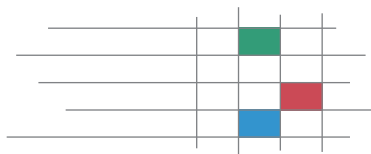
To know your nearest Service point visit our website www.nilfisk-cfm.com or call +39 059 973 00 00.

Not only high power vacuums

Vacuum Cleaners & Co.

Nilfisk-CFM manufactures industrial vacuum cleaners, pneumatic conveyors and fix cleaning installations

Nilfisk
cfm



Nilfisk-CFM SpA is one of the main world manufacturers of vacuum cleaning systems.

Industrial vacuums are the core business, featuring dozens of models and hundreds of versions.

Most machines are certified L, M, H and ATEX.

Some special product lines are conceived especially for the food and pharmaceutical industry.

Pneumatic conveyors, used to convey powders and granules, are integrated in the working process in countless of food and pharmaceutical industries.

Fix cleaning installations offer the perfect solution to save time and money whenever wide areas need to be cleaned.

Nilfisk-CFM: The Industrial Cleaning



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- ☐ please call me by phone
☐ I need a visit of a vacuums specialist
☐ please send me free documentation

High Power Vacuums

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