

Centralized Vacuum Systems

# Centralized Vacuum Systems





The right solution to recover large quantities of powder      Container with manual discharge



Suction and filter unit with discharge into big-bag

# The solution to clean wide areas where big quantities of dust are produced

Flexible and cost-saving, much more than just cleaning!

Centralized vacuum systems consist essentially of:

- a component generating vacuum
- a component for the electronic management of the system (electric box)
- a component for material filtration and recovery
- a series of pipes with inlets fixed in the requested positions.

After the assembly, the cleaning installation is customized to the environment size. Benefits are immediate: saving of time and resources. Exactly what you are looking for!

A centralized vacuum system is an extremely flexible tool: it can be used to clean production lines, floors and installations during or after the working cycle, even non-stop.

The saving on resources dedicated to these activities is immediate. One operator alone can clean the entire warehouse with no need of help and other tools.

The centralized vacuum system allows to collect materials from many inlets simultaneously. Therefore, wide areas can be efficiently cleaned. 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:  
flexible and cost-saving, much more  
than just cleaning



- 1. Rotocell valve:** discharge system for powder or fine granulated material (i.e. flour, sugar, grinded plastic) into big bags or other containers.
- 2. Double butterfly valve:** semi-continuous discharge system for bigger size granulated materials such as corn, small stones, shavings, etc....
- 3. Butterfly valve:** intermittent discharge system for various products.
- 4. Container with manual discharge.**
- 5. Easy assembly of components.**





Clean all working areas in few minutes



Example of customized solution

# Where and how are centralized vacuum systems employed?

Centralized vacuum systems are also used to support production processes, such as collection of metal shavings from working machines to avoid production stops.

Thanks to their high potential, fix cleaning systems range among the most flexible tools of a manufacturing unit. Today, they are integrated into production processes. They work side by side with manufacturing machines, where they generate vacuum with non-stop product recovery, keeping production lines clean and efficient and maintaining products aligned during the packaging process (i.e. toasted bread, sandwiches, etc...).

Food & cereals, foundries, ceramics, wood treatment, mechanical industries : fix cleaning installations are present in all industrial sectors.

Nilfisk centralized vacuum systems are also available in ATEX certified versions.

**Nilfisk S.p.A.**

Via Porrettana, 1991 - 41059 Zocca, (Modena) - Italy

Tel. +39 059 9730000 - Fax +39 059 9730065

[industrial-vacuum@nilfisk.com](mailto:industrial-vacuum@nilfisk.com)

[www.nilfisk.com](http://www.nilfisk.com)

