



SINGLE-PHASE

Vacuum Cleaners





! SINGLE-PHASE vacuum cleaners

The vacuum cleaners of the **single-phase series** are the winning weapon in all cases where it is necessary to **clean and vacuum dusts or liquids quickly, efficiently and long-lasting over the years.**

This series of vacuum cleaners features high suction power and delivers large surface filters with manual cleaning systems. Combined with a complete range of accessories and options, these vacuum cleaners adapt perfectly to all working conditions, allowing the operator to **reduce the working times both** for sucking and disposing of the collected materials.



Thanks to the **high filtering efficiency** (class L as standard, M and H as an option) even **the most harmful dusts** can be collected without releasing residues into the environment. With the aid of continuous bagging systems or sealed bags the operator will never come into contact with hazardous substances.

The high quality of the components used for assembly make these vacuum cleaners capable of facing the **heaviest duties** and guarantee the same suction efficiency as on the first day even after years of use.

Particularly suitable in the **mechanical, construction, agri-food, car washes, incinerators and plumbing industries.**



Easy-to-use, efficiency, and reliability

Filter shaker
cleaning system

Star filter
large surface

Tank release
dust collection

Deflector

- compact**
- versatile**
- industrial**
- efficient**
- safe**
- handy**

Advantages

- > **COMPACT:** their vertical structure allows to pass easily inside the companies.
- > **VERSATILE :** single-phase power supply is available everywhere.
- > **INDUSTRIAL:** the painted steel structure ensures long-term sturdiness.
- > **EFFICIENT:** the large star filter keeps suction efficiency unchanged, preventing it from clogging.
- > **SAFE:** the external shaker allows cleaning of the filter without the operator coming into contact with the sucked dust.
- > **HANDY:** quick and easy emptying of the dust recovery bin thanks to the practical release system that separates it from the rest of the machine.

Range of products



MODEL		ONE21	ONE22	ONE33ECO	ONE63ECO	ONE103ECO
Voltage	Volts	1Ph 230V/50-60Hz	1Ph 230V/50-60Hz	1Ph 230V/50-60Hz	1Ph 230V/50-60Hz	1Ph 230V/50-60Hz
Power	kW	1100	2200	3300	3300	3300
Depression max	mbar	210	210	210	210	210
Air flow	m ³ /h	170	340	510	510	510
Type of filter	-	Star filter with manual shaker	Star filter with manual shaker	Star filter with manual shaker	Star filter with manual shaker	Star filter with manual shaker
Primary filter surface	m ²	0,70	0,70	1,90	1,90	1,90
Absolute filter surface	m ²	1,20	1,20	3,1	3,1	3,1
Container capacity	L	25	25	39	65	100
Product inlet	mm	Ø70	Ø70	Ø70	Ø70	Ø70
Noise level	dB(A)	76	78	77	77	77
Size	cm	48x63x104h	48x63x104h	72x54x128H	72x54x138H	72x54x155H
Weight	kg	30	32	53	57	62
Protection	IP	44	44	43	43	43



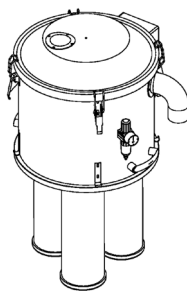
I Optionals and accessories

All vacuum cleaners can be equipped with a wide range of options and accessories to make the **operator's work easy, light and safe** thus satisfying the various requirements of the different application sectors. Available versions:

- 1 **Filters with different efficiency classes** and heat-resistant materials to vacuum very fine and incandescent substances. **Absolute filters** to retain even the finest particles with 99.995% efficiency (**H14 class**).
- 2 **Manual filter cleaning system** on all versions.
- 3 **Discharge systems of the sucked product** in plastic bag or continuous bag.
- 4 **Container lifting systems** by forklift.
- 5 **Automatic stop systems** for liquid. / Liquid discharge systems.
- 6 **Collection container** and/or **filter container in stainless steel** to recovery food products and/or corrosive substances.
- 7 **Kit front nozzle**.



1 Absolute filter kit H14 upstream



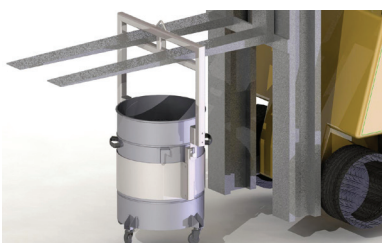
2 Kit cartridges filters



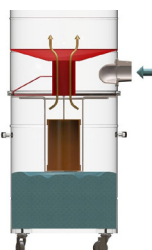
3 Grid and depressor kit to drain the sucked product into a plastic bag



3 Kit LONGOPAC for product unloading in continuous bag



4 Container lifting system



5 Liquid automatic stop



7 Kit front nozzle



+ Accessories kit for industrial cleaning

I Other RGS solutions

VACUUM CLEANERS

RGS Vacuum Systems offers a wide range of industrial **vacuum cleaners with various powers and capacities**: single-phase, three-phase and compressed air industrial vacuum cleaners.



Specific models are also available for **vacuuming oils and shavings**, others for applications **in the food and pharmaceutical industry** as well as **special machines** designed to meet the customer needs.

PNEUMATIC CONVEYORS

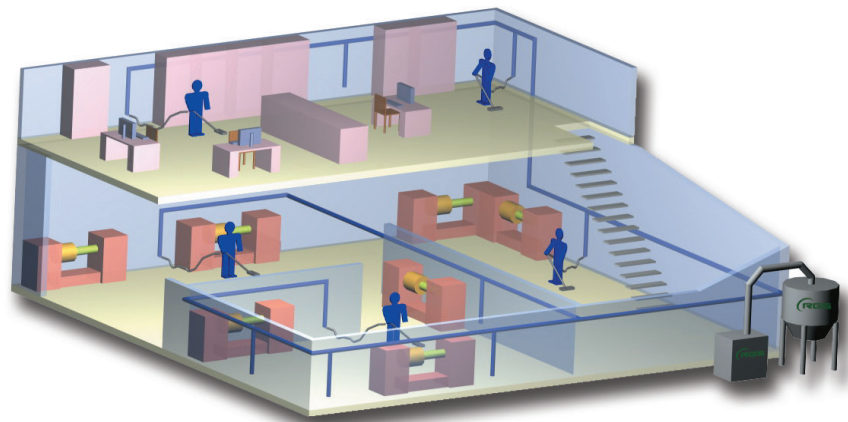
Pneumatic conveyors systems for powders and granules for all industrial sectors with **customization** options.



Thanks to a long experience in this field, it is possible to design and create the most suitable and the cheapest conveying system to solve the problems of the customers, according to the type of product and the needs of the sector.

CENTRALIZED SYSTEMS

RGS Vacuum Systems offers a wide range of components for the construction of **centralized vacuum systems** (such as *suction units, collection silos, pre-separators, components for the piping, control systems*) and **centralised ventilation systems** (such as *dust collectors, electro-fans, mobile arms, electrical control panels and piping components*).



All products can be made of painted steel, stainless steel and **ATEX version** according to the needs of the customer and the application sector.

| RGS services



**Design and engineering of
customized products**

Quick call maintenance service



**Preventive maintenance
agreements**

**Additions and updates to
regulations in force of
installed systems**





Aspiratori industriali
Vacuum cleaners

Impianti centralizzati
Centralized systems

Trasportatori pneumatici
Pneumatic conveyors

RGS

in the World.



● RGS headquarter

● RGS branches

RGS IBERICA

RGS INDIA

RGS CHINA

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