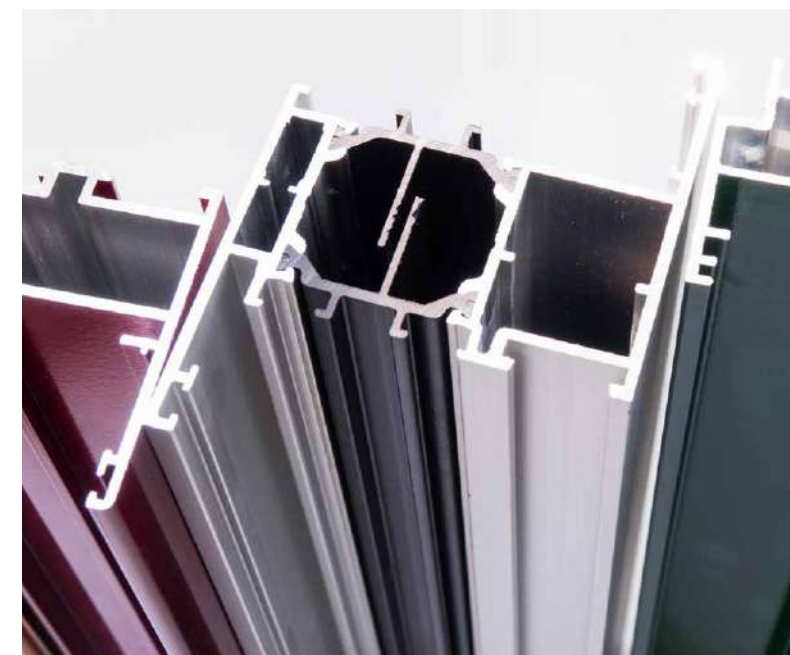
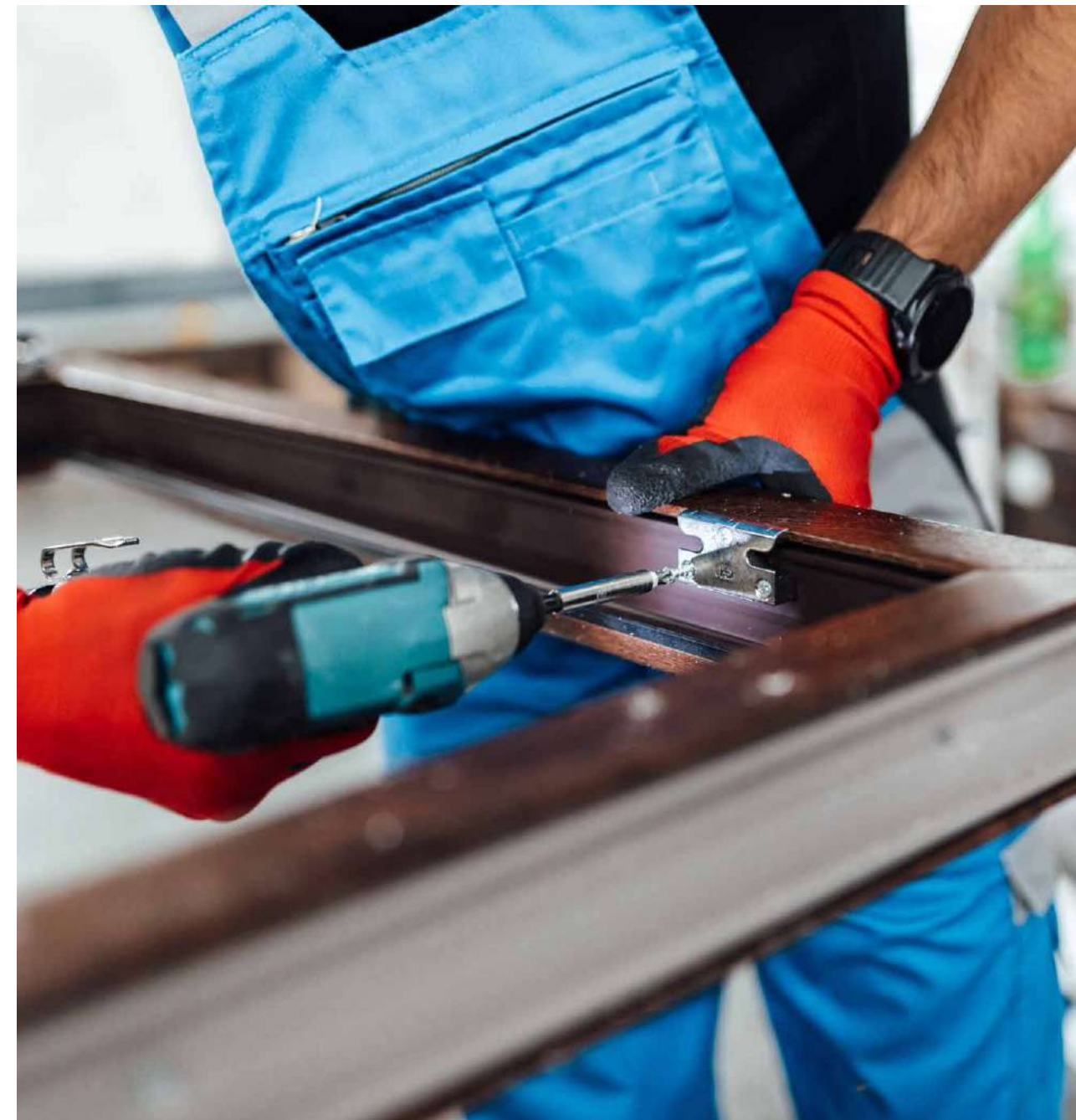
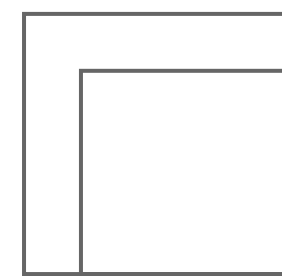


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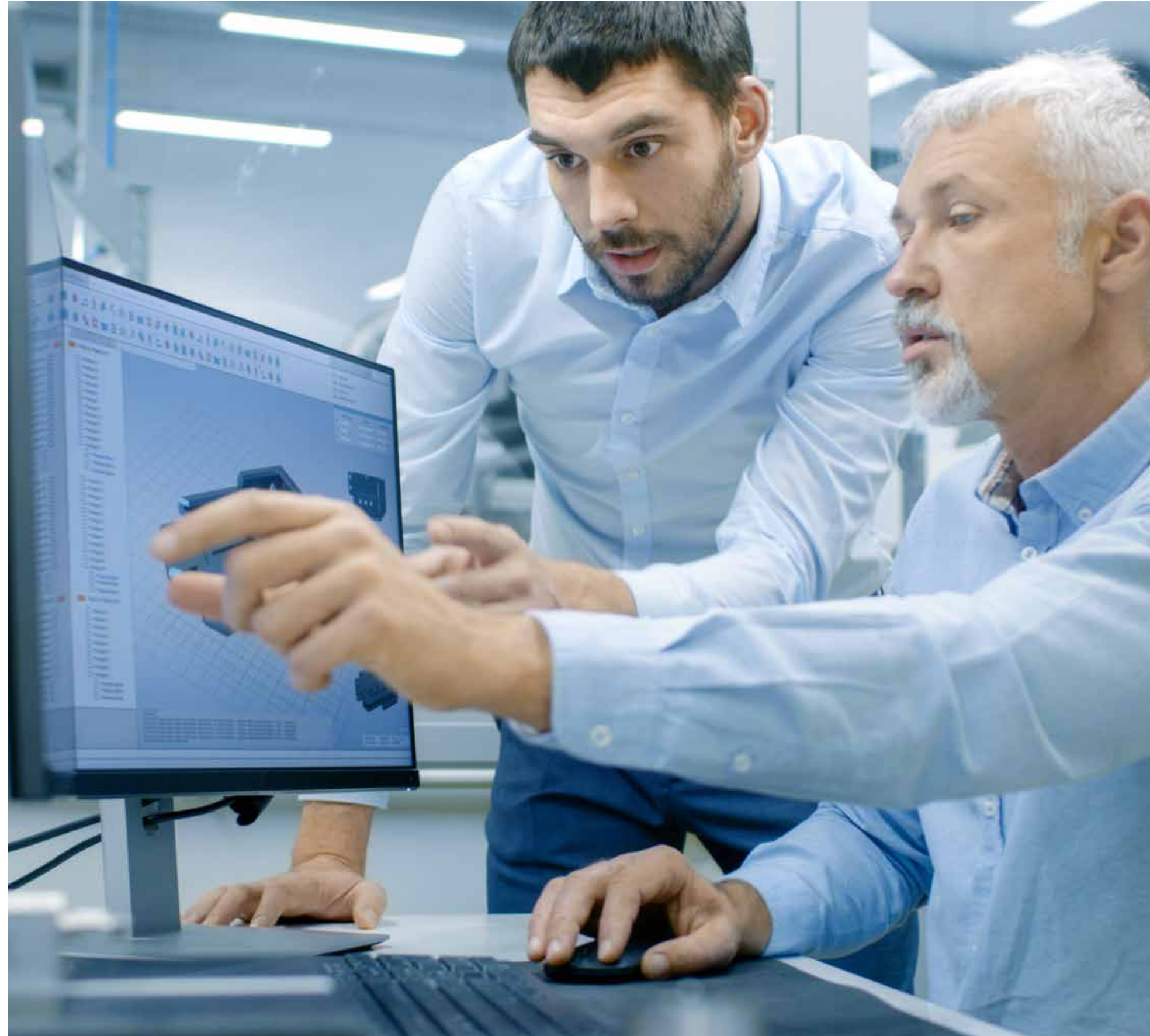


INDUSTRIAL VACUUM CLEANERS



Catalogue
PVC and Aluminum

italy  **vacuum**



Technology, innovation at the highest level, and **good Italian design** as easily understood from the company name are the constitutional elements of the company's DNA.

Strengthened by the long and profound experience of its staff in the specific sector, the company produces **"customer-oriented" vacuum cleaners** that can adapt with flexibility to various needs.

It is placed on the world market as one of the few companies that can boast a series of products that make use of both **centrifugal fans** and powerful **side channel turbines**, thus, offering a very wide range of 360° product line, adaptable to any application sector, and usable in any work environment.



The corporate philosophy that animates Italyvacuum, does not accept downward compromises and adopts construction and design systems that are absolutely avant-garde in the sector, the result of precise mathematical calculations which together with the experience of its staff have guided the company towards precise purely technical choices such as:

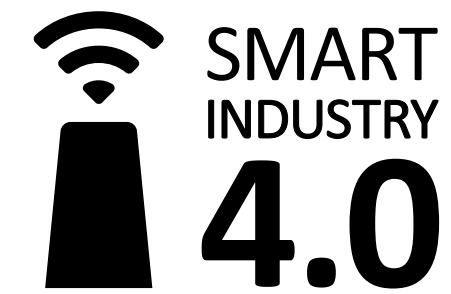
- **Integrated cyclonic system with tangential inlet** of the aspirated material on all the models thus eliminating the maintenance of the filters. The first company in the world to offer this performance across the whole range;
- **Human-Machine-Interface with advanced “touch screen” technology** for optimizing and simplifying all the functions of the vacuum cleaner;
- **Dedicated software and advanced digital sensor system** for reading and signaling to the operator of the level of contamination of the filters;
- **Cleaning systems of filters in an exclusively automatic form** through special systems that when combined with each other ensure maximum efficiency over time.

Total remote supervision of production in real time





- **Technological and innovative antigrip fabrics** used for filtering surfaces, the result of extensive research in the textile sector;
- **Release of the containers in an extremely ergonomic form** thanks to the innovative and elegant vertical sliding slots obtained directly from the tubes that make up the frame;
- **New generation silencers with very high sound-absorbing performances** specially designed by the technicians of the R&D department that make Italyvacuum products the most silent vacuum cleaners in the sector;
- **Modular systems exclusively on wheels** that allow the assembly times to be zeroed, a rapid movement in the event of moving and positioning in any geometric shape in order to optimize each available space;
- **Centralized systems** equipped with sorting valves programmable via digital platform to **optimize performance and reduce energy consumption.**



TCS - Touch Control Station

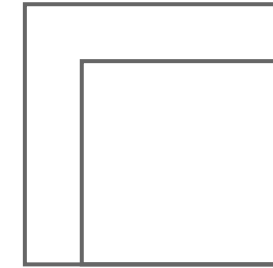
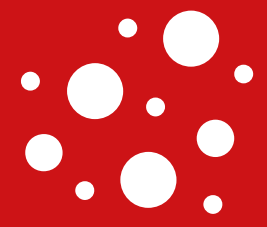
Human Machine Interface

The powerful software station called **TCS** which manages the sophisticated electronics of which Italyvacuum vacuum cleaners are equipped, allows **remote management in "real time" of all the vacuum cleaners present** in a company.

Through this technology, it is possible to optimize their performance, carry out preventive maintenance if necessary and interface with the various management software already present in order to avoid any possible interruption of the production cycle.

Extremely intuitive and easily usable by anyone thanks to its icons, appears to be perfectly in line with all the mandatory requirements from the **industry 4.0 plan: interconnection and automation of production processes.**

Chips & Dust Division



Catalogue
PVC and Aluminum

Italyvacuum is a **partner of some of the largest companies in Europe** specialized in processing with single/double head saws or CNC machining centers for cutting and milling.

The experience of its technicians has allowed the development of **a line of products expressly dedicated to the cutting of aluminum, Pvc profiles, composite materials** for small artisans and large industries.

Strengthened by some patented products and various uncommon solutions, Italyvacuum cleaners thanks to their versatility, are able to collect shavings of any type (long, twisted, etc.) and at the same time **eliminate the oil mist within the company premises**. It is a complete 360° “package” tailored to each operator of the sector and for each type of machinery in question.

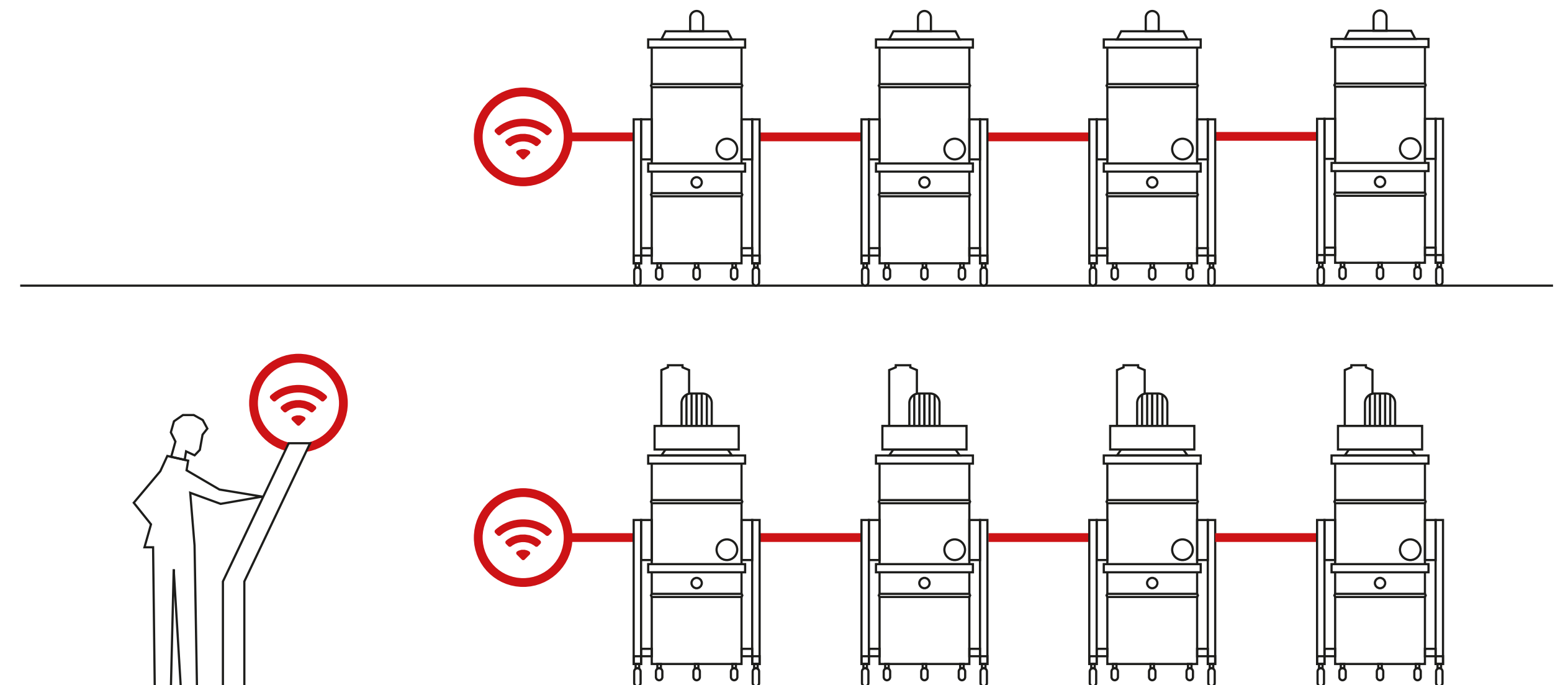


CENTRALIZED SYSTEMS



They are the systems with the highest technological content, where Italyvacuum technicians can express all its potential, and in which it contains the best of its innovations which is **the result of years of research** and the experiences lived over time in the various companies around the world.

All functions can be managed in the traditional way or through the powerful centralized platform **TCS** "Touch control station" - **Smart industry 4.0**.



UNIVERSAL 48



Model	FT 2.2
Power [kW]	2.2 (3hp)
Voltage / Frequency [Volts]	400 (50Hz)
Inlet	N°1
Inlet diameter [mm]	100 (4") - 120 (5")
Filter material	Polyester
Filter cleaning	Pneumatic
Certification	CE
Chips container [Lt]	110 (30gal)
Shipping dimensions [mm]	800 (32") x 1200 (47") x 2200H (86")
Max air flow [m ³ /h]	1500 (882cfm)
Max vacuum [mbar]	30 (0,43Psi)
Net Weight [kg]	130 (286 lb)

*** MODEL AVAILABLE UP TO 7.5KW**

VORTEX 58



Model	FT 2.2 - 1500	FT 3 - 2600
Power [kW]	2.2 (3hp)	3 (4hp)
Voltage / Frequency [Volts]	400 (50Hz)	
Inlet	N°2	
Inlet diameter [mm]	100 (4") - 120 (5") 160 (6")	
Filter material	Polyester	
Filter cleaning	Pneumatic	
Certification	CE	
Chips container [Lt]	175 (47gal)	
Shipping dimensions [mm]	800 (32") x 1200 (47") x 2200H (86")	
Max air flow [m ³ /h]	1500 (882cfm)	2600 (1530cfm)
Max vacuum [mbar]	30 (0,43Psi)	
Net Weight [kg]	130 (286 lb)	160 (352 lb)

MAXI VORTEX 58

[1 of 2]



Model	FT 2.2 - 1500	FT 3 - 2600
Power [kW]	2.2 (3hp)	3 (4hp)
Voltage / Frequency [Volts]	400 (50Hz)	
Inlet	N°2	
Inlet diameter [mm]	100 (4") - 120 (5") 160 (6")	
Filter material	Polyester	
Filter cleaning	Pneumatic	
Certification	CE	
Chips container [Lt]	175 (47gal)	
Shipping dimensions [mm]	800 (32") x 1200 (47") x 2200H (86")	
Max air flow [m ³ /h]	1500 (882cfm)	2600 (1530cfm)
Max vacuum [mbar]	30 (0,43Psi)	
Net Weight [kg]	140 (308 lb)	170 (374 lb)

MAXI VORTEX 58

[2 of 2]



Model	FB 3 - 3600	FB 4 - 2300	FB 7.5 - 2600
Power [kW]	3 (4hp)	4 (5hp)	7.5 (10hp)
Voltage / Frequency [Volts]	400 (50Hz)		
Inlet	N°2		
Inlet diameter [mm]	100 (4") - 120 (5") - 160 (6")		
Filter material	Polyester		
Filter cleaning	Pneumatic		
Certification	CE		
Chips container [Lt]	175 (47gal)		
Shipping dimensions [mm]	900 (35") x 1600 (63") x 2200H (86")		
Max air flow [m ³ /h]	3600 (2118cfm)	2300 (1353cfm)	2600 (1530cfm)
Max vacuum [mbar]	30 (0,43Psi)	60 (0,87Psi)	80 (1,16Psi)
Net Weight [kg]	230 (507 lb)		

** MODEL AVAILABLE UP TO 25kW*

BLOW



Model	Standard
Power [kW]	4 (5hp)
Voltage / Frequency [Volts]	400 (50Hz)
Inlet	N°1
Inlet diameter [mm]	200 (8")
Filter material	Polyester
Filter cleaning	Not necessary
Certification	CE
Chips container [Lt]	Rotary valve 24h
Shipping dimensions [mm]	1200 (47") x 1800 (71") x 2200H (86")
Max air flow [m ³ /h]	2600 (1530cfm)
Max vacuum [mbar]	40 (0,58Psi)
Net Weight [kg]	350 (771 lb)

*** MODEL AVAILABLE UP TO 24kW**

INNOVA



Model	Standard
Power [kW]	4 (5hp)
Voltage / Frequency [Volts]	400 (50Hz)
Inlet	N°1
Inlet diameter [mm]	200 (8")
Filter material	Polyester
Filter cleaning	Not necessary
Certification	CE
Chips container [Lt]	Rotary valve 24h
Shipping dimensions [mm]	800 (32") x 2000 (79") x 2200H (86")
Max air flow [m ³ /h]	2600 (1530cfm)
Max vacuum [mbar]	40 (0,58Psi)
Net Weight [kg]	350 (771 lb)

*** MODEL AVAILABLE UP TO 24kW**

MINI BLOW



Expressly **dedicated for extrusion lines** and **compactly designed** in order to take up as little space as possible along the production lines, they can be mounted both on fixed and mobile trolleys along the production line.

Required in sectors where people normally work 24 hours in **order to never interrupt the work flow**, they are equipped at the base of the central unit **with a fully automated and programmable opening door for unloading the vacuumed material**, based on the required frequency.

The special conformation of the fans used in these units, allow the suction of the material **at high speed, and are also suitable for chips at high temperatures**; particularly powerful and performing are the basic equipment for small and large cutting lines.

GENERAL INFORMATION

Motors available

from 4kW (5.5hp) to 16kW (21.5hp) - Fan
from 4kW (5.5hp) to 16kW (21.5hp) - Turbine

N° inlet [Ø]

N°1 [200mm - 8"]

Note

Programmable opening door for unloading

CYCLONE & HYPER CYCLONE



This model is particularly used in the chips and dust division and are **rigorously calculated with the help of a specific and powerful software** made available by Italyvacuum technicians.

They are supplied in **various shapes and sizes** according to the system to which they are to be connected and the different type of material to be vacuumed.

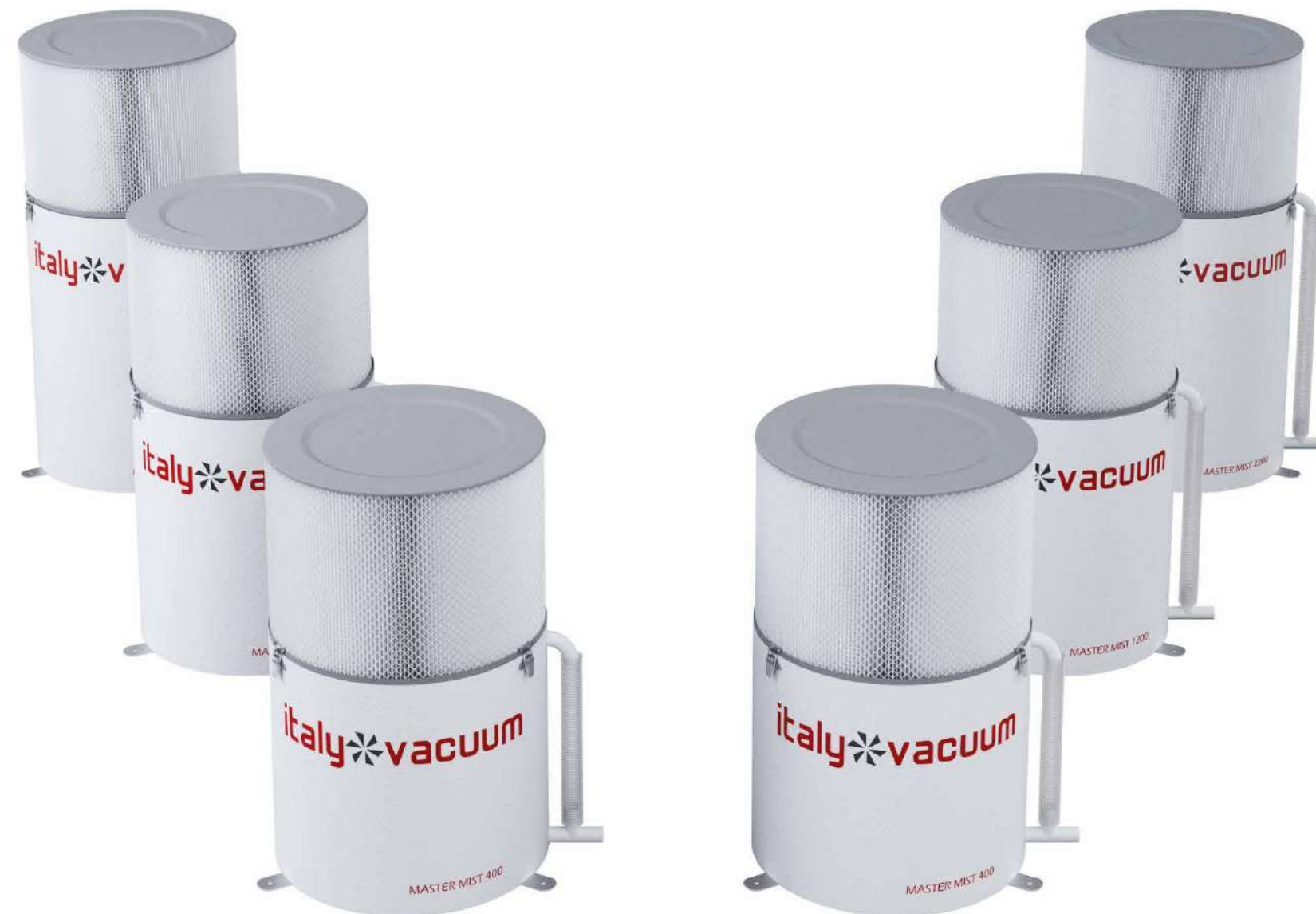
They are **specially useful for avoiding clogging of the filters** and consequently lengthening their life, they are sometimes mandatory for the treatment of certain types of very fine powders or metal shavings which can vary in shape and weight.

Main advantages:

- High efficiency in dust recovery;
- Total lack of maintenance thanks to the absence of moving parts;
- Requirement of limited spaces for the implementation of the system;
- No limitation of performance in case of extreme temperatures;
- Possibility of having them both anchored to the ground and mobile on wheels owing it to the extreme flexibility of the system.

MASTER MIST

PATENTED



Total elimination of oil mists coming from saws and CNC cutting centers

The innovative Italyvacuum oil mist collectors are born from the need to eliminate oil mists, vapors, and fumes that come from the most varied processes in order **to make the work environment healthier**, while contributing to the **protection of the environment**.

Thanks to the many innovations in its interior, the product enjoys **European patent**. It is available in 6 different models and in all voltages and frequencies of the world market.

The whole range is also available in stainless steel for harmful vapors, corrosive mists or hazardous environments (Atex).



GENERAL INFORMATION

Volume of filtered air	from 400 to 2800 m ³ (235 cfm to 1648 cfm)
Filtering group	3 stages + Hepa
Air inlet [Ø]	100mm - 4" / 150mm - 6" / 200mm - 8"



- The only collector for oil mists that can contain **up to 8 standard filtering stages**
- **Powerful integrated cyclonic system** capable of reducing up to 95% of oil mists before the air flow reaches the stages of filters
- **Hepa H13 filter standard on all models** to achieve 99.95% reduction of contaminating particles
- Compatible with any type of emulsified or integral coolant
- Complete modularity of filters for suction also of burnt fumes

GENERAL INFORMATION

Volume of filtered air	from 500m ³ to 4000m ³ (300 cfm to 2360 cfm)
Power	1,5 kW (2hp) / 2,2 kW (3hp) / 3 kW (4hp)
Air inlet [Ø]	100mm - 4" / 150mm - 6"

ACCESSORIES



DCD - Digital Contamination Detector



Remote start on/off



Easy lift



Antistatic



PBR - Plastic Bag Retainer



Manual and automatic gates



Cleaning accessories



HEPA filters



Connectors and reductions



Air hoses



Stopmist

+ TECHNOLOGY

+ SAVINGS

+ EFFICIENCY

Italyvacuum uses only premium or superpremium **high efficiency motors** that drastically reduce energy consumption by rationalizing its consumption responsibly. In addition to having **higher efficiencies** than traditional motors with the same power, they have a flatter yield curve as the load changes, in order to guarantee **high efficiency values** even in the presence of load variations.

With a view to continuous research and improvement, Italyvacuum srl reserves the right to make changes of any kind to the products without prior notice - the reported values are purely indicative.



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italy  **vacuum**

Strada Della Fabbrina 6/E
61122 Pesaro - Italy
Tel. (+39) 0721 62 42 90
info@italyvacuum.com
www.italyvacuum.com

