



S A N D B L A S T E R S   A N D   C L E A N E R S



## Sandblasting systems

**Our method is our identity,**  
it is based on listening and  
dialogue with the customer,  
**analysis of the needs**  
and the consequent search  
**for the appropriate and**  
**sustainable solution.**

25  
1997/2022



[www.fevi.it](http://www.fevi.it)



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# FEVI

FEVI was founded in Monticelli Terme (Parma) in 1997 thanks to the enthusiasm and entrepreneurial spirit of Federico Viglioli when he was only twenty years old.

At first the business included just a few pieces and everything was done in a small factory, but it was supported by an important ingredient: the passion for work.

Federico Viglioli's objective was to design, experiment and promote new sandblasting systems and systems for the treatment of surfaces.

**Quality instead of quantity**

**Our history is made of passion, tradition and tenacity**





# WHY FEVI

**The choice of a FEVI product** is the beginning of a path shared with the customers who immediately receive support in the analysis of their needs as a first step to finally find a suitable solution.

**Choosing FEVI** means establishing a trusting relationship over time that goes beyond a simple purchase, a shared path to take that meets transparency, fairness, honesty, respect, trust and innovation.

Federico Viglioli,  
Managing Director

## **Made in Italy craftsmanship**

Each item we make is cared for and checked down to the smallest detail in all stages of production, also thanks to the partnerships with our suppliers that originate mutual growth and development.

FEVI products are 90% made in Italy and 10% made in the European Community.

Thanks to our commitment and passion we always manage to guarantee the highest quality to our customers.

The final assembly takes place within our company to submit the product to our internal quality control and then proceed with the final packaging and shipment.

FEVI has always worked to bring new technologies and resources to the market, to strengthen its brand and the idea of a company capable of remaining at the top of the reference market.

FEVI is committed every day to continue to be the reference point for surface treatment systems and to guarantee its customers real benefits and satisfaction.



# RECOVERY SANDBLASTERS

The line of pressure recovery sandblasting machines is supported by different suction systems, modulated for every need of use that in addition to ensuring the absolute absence of dust dispersed in the environment, allow the complete recovery and recycling of the abrasive used duly separated from the waste dust.

## 6 Versions for different needs

### PRESSURE BLASTER BASE

It is the entry level model of the Pressure Blaster range and, thanks to our traditional research and development of the best technologies, this series has also been enhanced by an innovative semi-automatic filter cartridge cleaning system.

### PRESSURE BLASTER MAX

The recovery sandblaster Pressure Blaster MAX, represents the continuous search for quality in the field of recovery sandblasting. Of crucial importance: the presence of the suction system with new self-cleaning filter technology.



## **PRESSURE BLASTER INFINITY**

The recovery sandblaster Pressure Blaster Infinity stands out from the rest of the range thanks to its high suction capacity and remarkable versatility.

This series is characterised by the power of the LM300 single-phase industrial extractor paired with the Pressure Blaster sandblasting unit and that ensures recovery sandblasting on any surface.

## **PRESSURE BLASTER BAG**

The Pressure Blaster BAG recovery sandblaster is supported by the innovative LMB 220 industrial vacuum cleaner equipped with a continuous bag collection system.

Thanks to this practical recovery system, the operator never comes into contact with dust or processing waste, both during the sandblasting phase and in the disposal phase.

## **PRESSURE BLASTER TOP**

Recovery pressure sandblaster is an expression of the absolute quality that has always been the goal of our company.

The Pressure TOP system was undoubtedly conceived keeping quality in mind for each component used. The set is characterized by a 60-liter pressure tank and a self-cleaning industrial vacuum turbine.

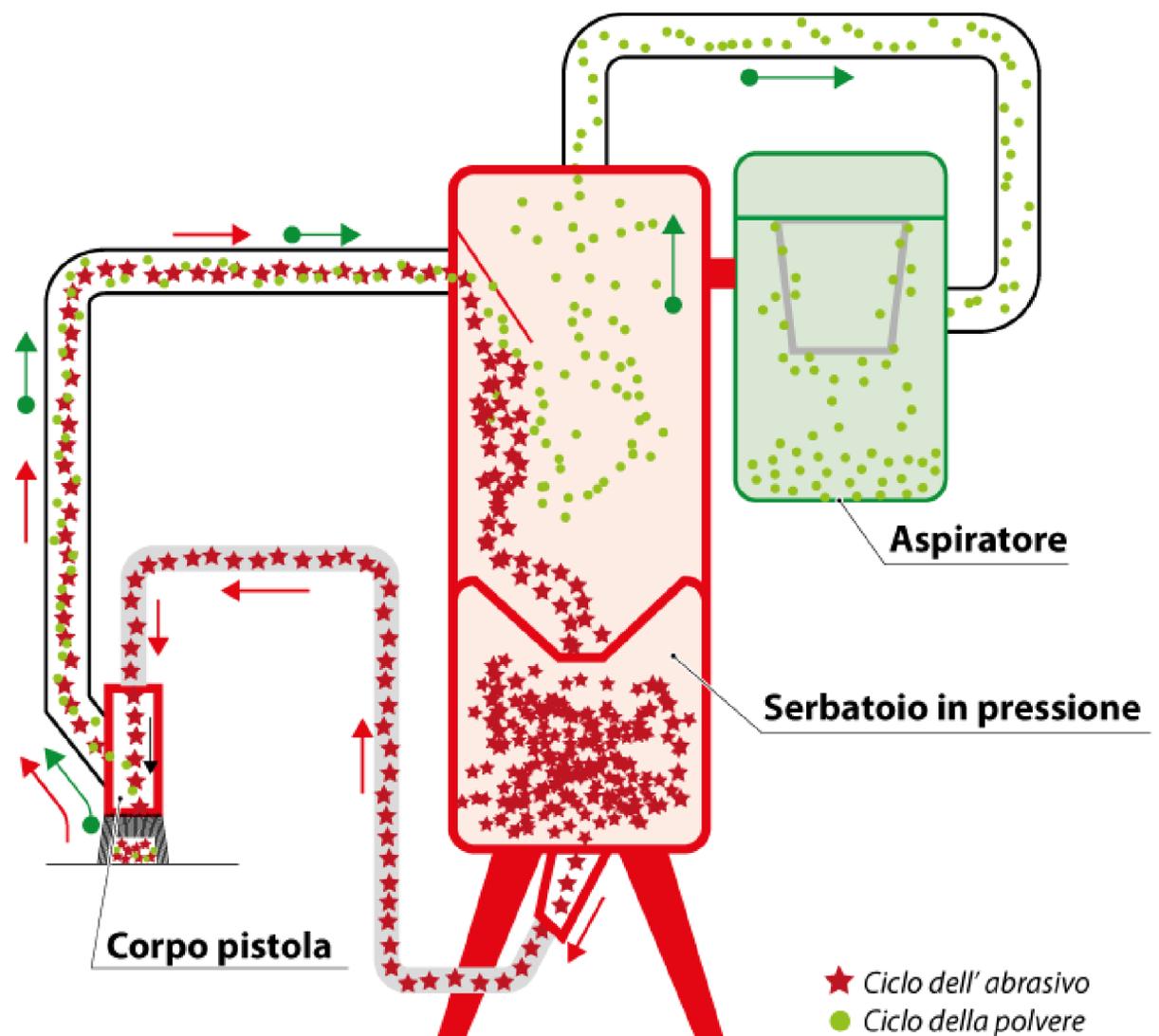
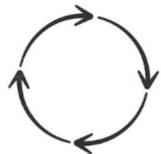
## **SABIX R**

Sabix R represents a novelty in the field of recovery sandblasting, this series is suitable for carrying out small-scale sandblasting operations on site.



# PRESSURE BLASTER BASE

The sandblasting unit is equipped with a single-phase motor characterised by a cartridge filter with a conical base. Thanks to an innovative cartridge shaking system, a vibration action is performed, thanks to which the dust accumulated on the filter surf

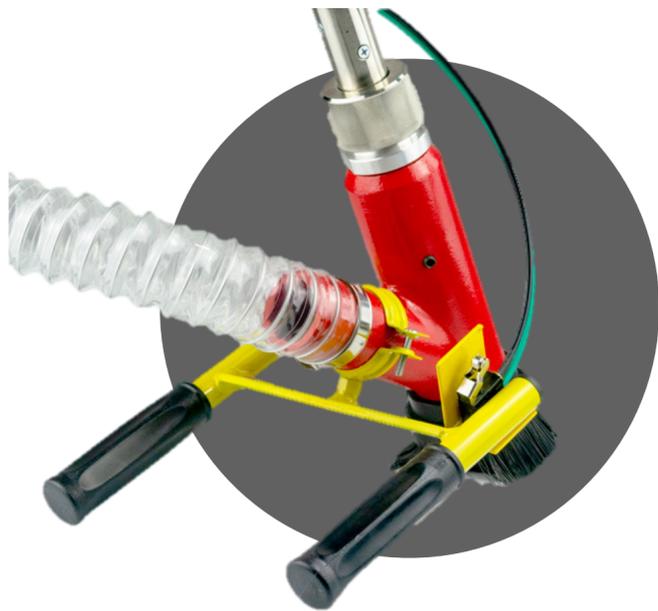


★ *Ciclo dell'abrasivo*  
● *Ciclo della polvere*



## SANDBLASTING UNIT

Common to all versions of the Pressure Blaster range (Base, Max, Infinity, Bag), it is fitted with a 24 L pressure tank, with remote control located on the handle.



## GUN BODY

The sandblasting / shot-blasting process that enables operation in the absolute absence of dust takes place via a gun body casting with a front brush. The system uses a handle with a front brush which, working in contact with the surface to be treated, eliminates dust dispersion in the environment allowing to fully recover and recycle the abrasive used, separating it from the generated dust. In the photo, the gun body is fitted with the optional "Double handle control handlebar". This handlebar provides great practicality while making it easier to use the sandblaster even on vertical surfaces.



## SUCTION UNIT

The single-phase suction unit paired with the sandblasting unit ensures the recovery of the abrasive used and of the dust generated during removal.

The presence of a specific cyclone on the upper part of the sandblasting unit allows the recycling of the abrasive used and to collect the waste material inside the collector drum.

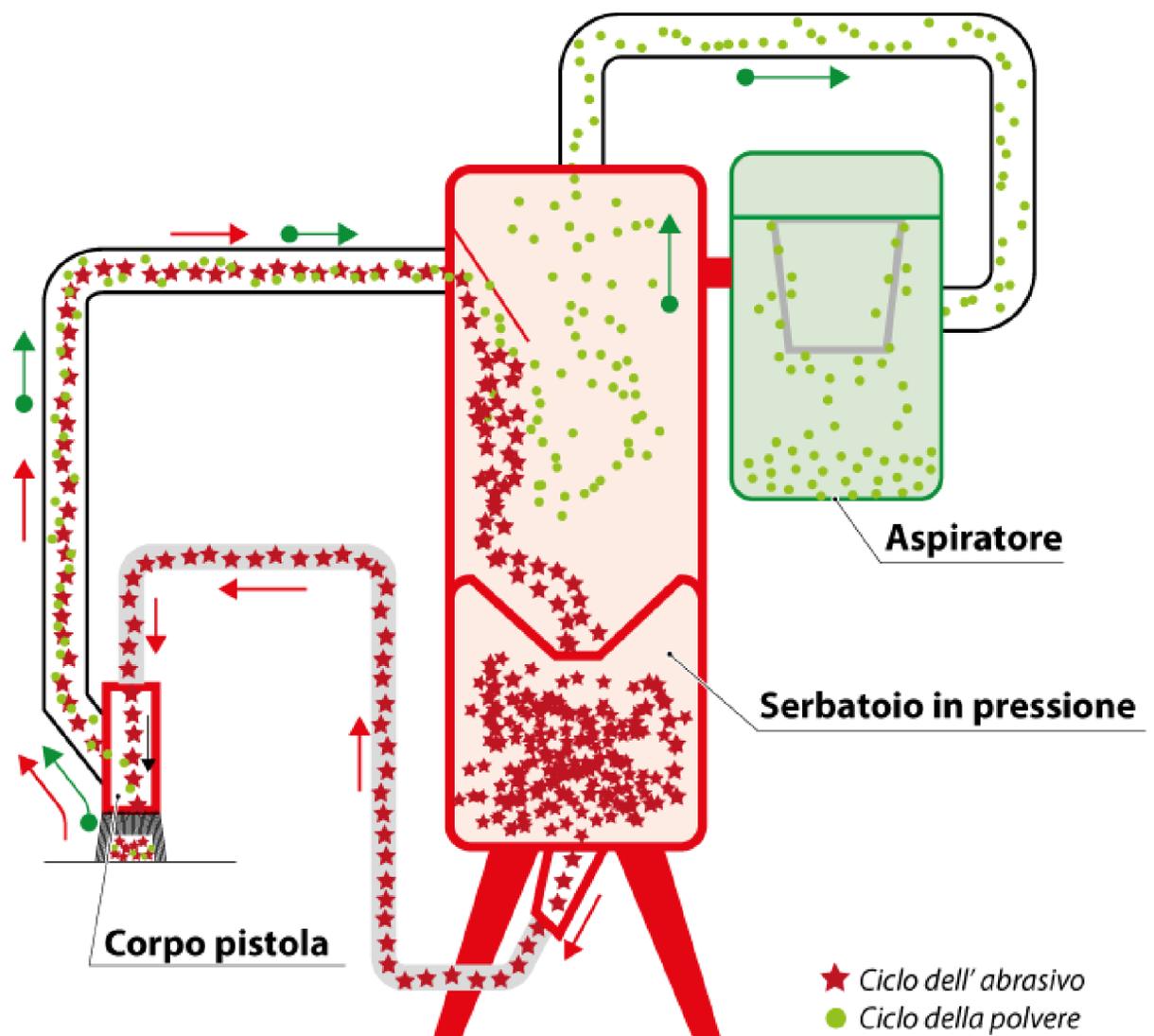
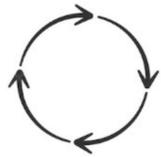
The separation between the dust and the abrasive allows for improved sandblasting quality and a longer life cycle of the abrasive and several advantages:

- Lower maintenance costs of the parts subject to wear
- Greater sandblasting speed
- Greater safety for the operator

# PRESSURE BLASTER

## MAX

Thanks to an innovative cyclic cleaning system located inside the extractor, filter cartridge counter-blowing is performed and they are thus thoroughly cleaned. The sandblasting system uses a handle with a front brush that enables to recover and recycle the abrasive used and to consequently separate from the dust generated by surface removal. The presence of a specific cyclone on the upper part of the sandblasting unit allows the recycling of the abrasive used and to collect the waste material inside the collector drum.

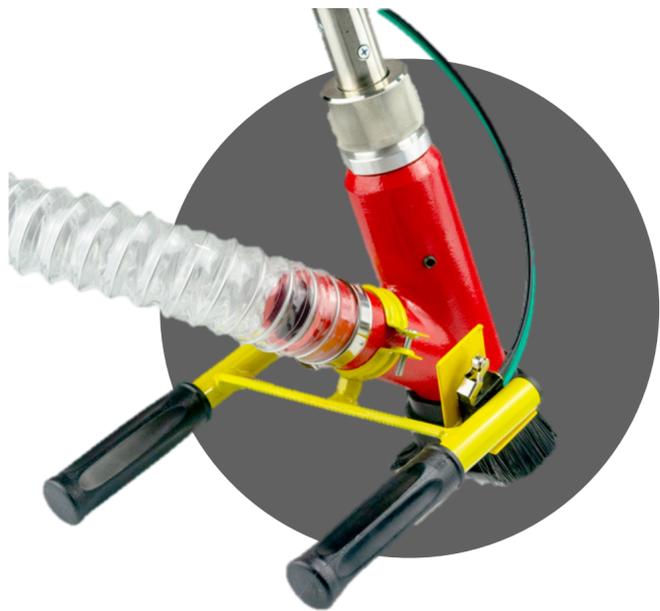


La Pressure Blaster **MAX**  
consists of:



## SANDBLASTING UNIT

Common to all versions of the Pressure Blaster range (Base, Max, Infinity, Bag), it is fitted with a 24 L pressure tank, with remote control located on the handle.



## GUN BODY

The sandblasting / shot-blasting process that enables operation in the absolute absence of dust takes place via a gun body casting with a front brush. The system uses a handle with a front brush which, working in contact with the surface to be treated, eliminates dust dispersion in the environment allowing to fully recover and recycle the abrasive used, separating it from the generated dust. In the photo, the gun body is fitted with the optional "Double handle control handlebar". This handlebar provides great practicality while making it easier to use the sandblaster even on vertical surfaces.



## SUCTION UNIT

The single-phase suction unit paired with the sandblasting unit ensures the recovery of the abrasive used and of the dust generated during removal.

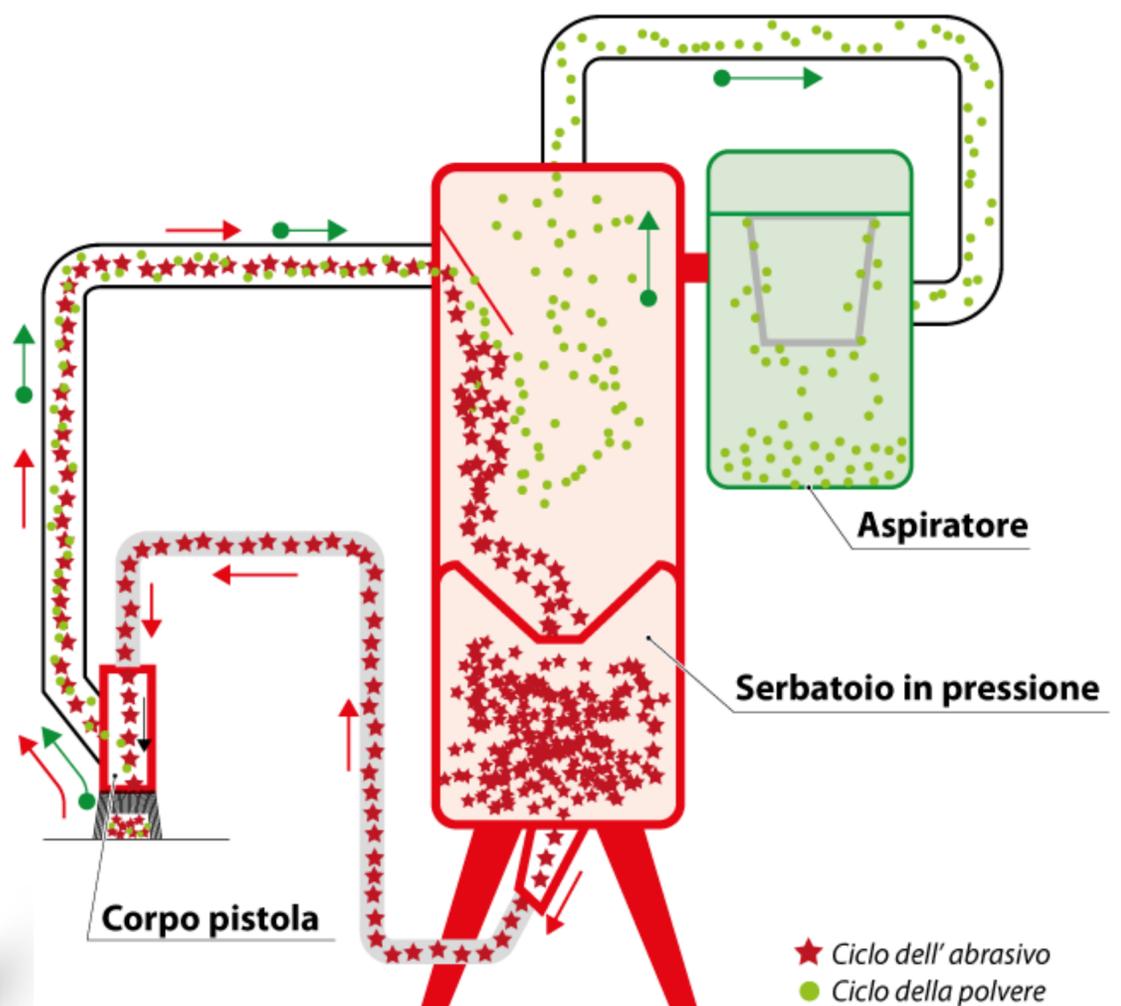
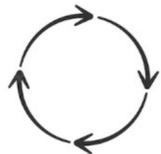
The presence of a specific cyclone on the upper part of the sandblasting unit allows the recycling of the abrasive used and to collect the waste material inside the collector drum.

The separation between the dust and the abrasive allows for improved sandblasting quality and a longer life cycle of the abrasive and several advantages:

- Lower maintenance costs of the parts subject to wear
- Greater sandblasting speed
- Greater safety for the operator

# PRESSURE BLASTER BAG

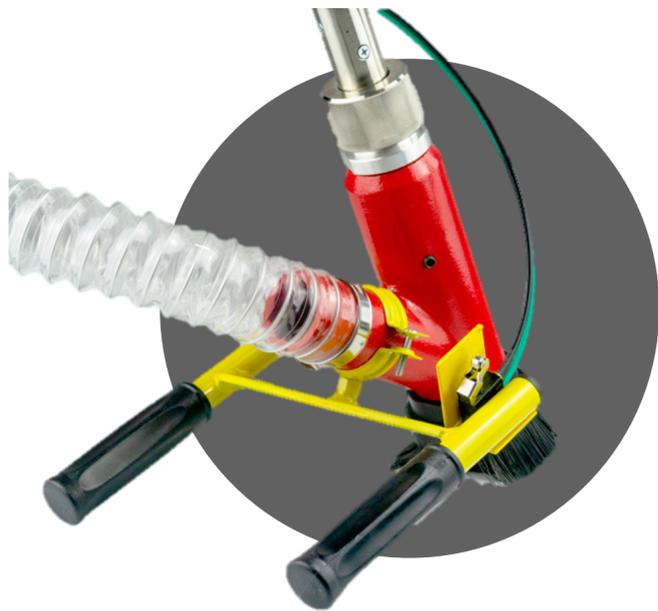
The Pressure Blaster BAG recovery sandblaster is supported by the innovative LMB 220 industrial vacuum cleaner equipped with a continuous bag collection system. Thanks to this practical recovery system, the operator never comes into contact with dust or processing waste, both during the sandblasting phase and in the disposal phase.





## SANDBLASTING UNIT

Common to all versions of the Pressure Blaster range (Base, Max, Infinity, Bag), it is fitted with a 24 L pressure tank, with remote control located on the handle.



## GUN BODY

The sandblasting / shot-blasting process that enables operation in the absolute absence of dust takes place via a gun body casting with a front brush. The system uses a handle with a front brush which, working in contact with the surface to be treated, eliminates dust dispersion in the environment allowing to fully recover and recycle the abrasive used, separating it from the generated dust. In the photo, the gun body is fitted with the optional "Double handle control handlebar". This handlebar provides great practicality while making it easier to use the sandblaster even on vertical surfaces.



## SUCTION UNIT

The single-phase suction unit paired with the sandblasting unit ensures the recovery of the abrasive used and of the dust generated during removal.

The presence of a specific cyclone on the upper part of the sandblasting unit allows the recycling of the abrasive used and to collect the waste material inside the collector drum.

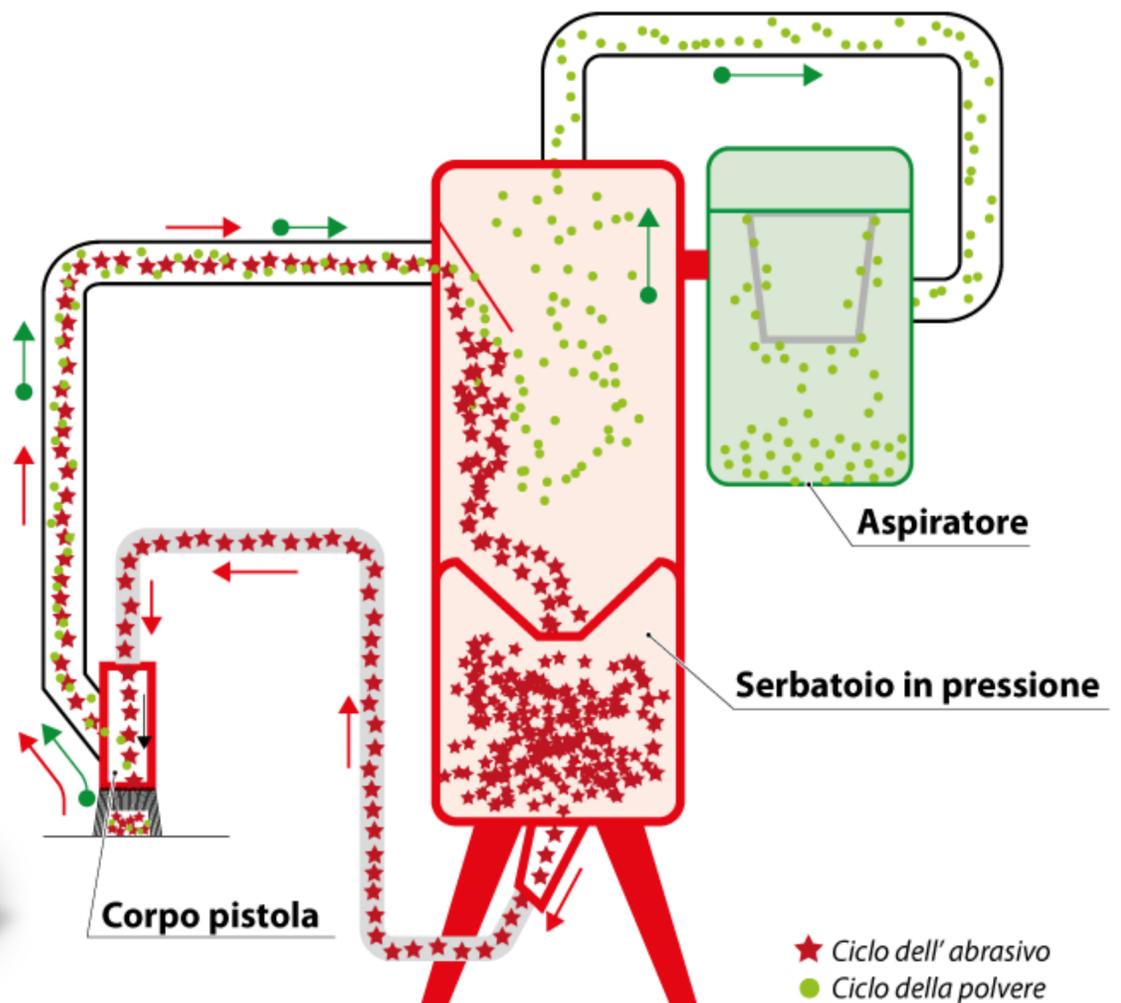
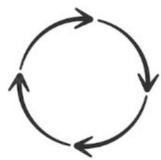
The separation between the dust and the abrasive allows for improved sandblasting quality and a longer life cycle of the abrasive and several advantages:

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# PRESSURE BLASTER

## INFINITY

An innovative automatic cleaning system, located inside the extractor, allows a vibrating action on the filter cartridges which are thus cyclically thoroughly cleaned. Thanks to a special cyclone placed on the upper part of the sandblaster, the used abrasive is recycled effectively, while the LM300 single-phase industrial extractor ensures the waste material is sent inside a wheeled container to facilitate disposal.

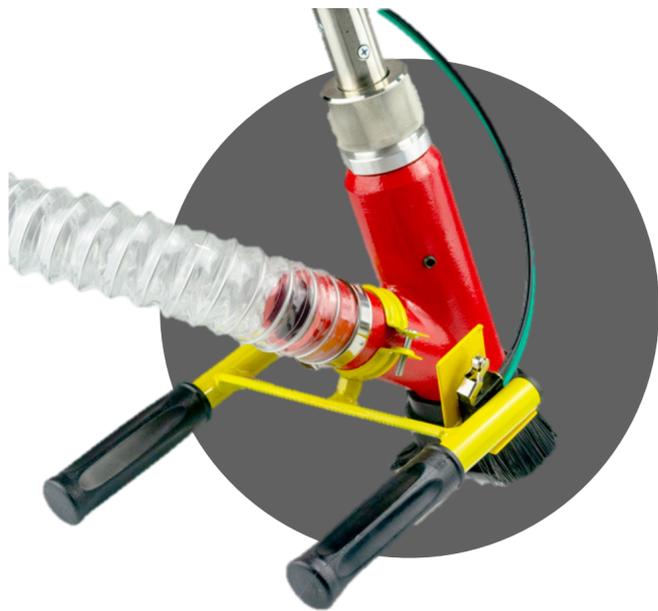


La Pressure Blaster  
**INFINITY** consists of:



## SANDBLASTING UNIT

Comune alle versioni della gamma Pressure Blaster ( Base, Max, Infinity, Bag ) l'unità di sabbiatura si avvale di un serbatoio in pressione da 24 lt, con comando a distanza situato sull' impugnatura.



## GUN BODY

The sandblasting / shot-blasting process that enables operation in the absolute absence of dust takes place via a gun body casting with a front brush. The system uses a handle with a front brush which, working in contact with the surface to be treated, eliminates dust dispersion in the environment allowing to fully recover and recycle the abrasive used, separating it from the generated dust. In the photo, the gun body is fitted with the optional "Double handle control handlebar". This handlebar provides great practicality while making it easier to use the sandblaster even on vertical surfaces.



## SUCTION UNIT

The single-phase suction unit paired with the sandblasting unit ensures the recovery of the abrasive used and of the dust generated during removal.

The presence of a specific cyclone on the upper part of the sandblasting unit allows the recycling of the abrasive used and to collect the waste material inside the collector drum.

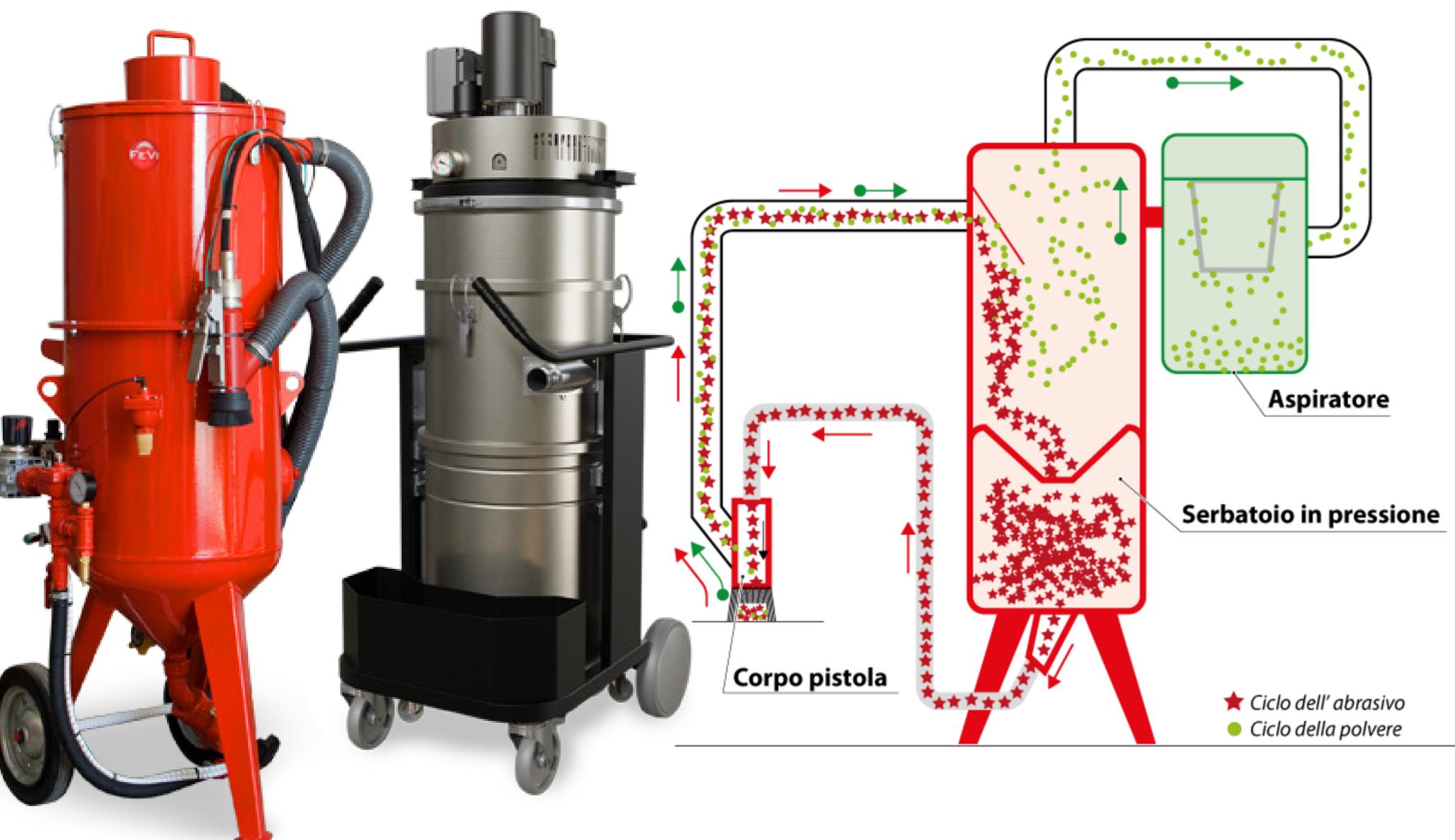
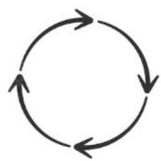
The separation between the dust and the abrasive allows for improved sandblasting quality and a longer life cycle of the abrasive and several advantages:

- Lower maintenance costs of the parts subject to wear
- Greater sandblasting speed
- Greater safety for the operator

# PRESSURE BLASTER TOP

With Pressure TOP it is possible to use any type of abrasive: plant granules, microbeads, grit, baking soda, corundum, garnet ...

The system of pneumatic mixing of the abrasive, together with the tank's vibration system, also allows the use of very fine particle sizes, without any threat of clogging or leakage discontinuity. An extraordinary quality of adjustable and modular sandblasting in multiple conditions follows it, in favor of multiple treatments.

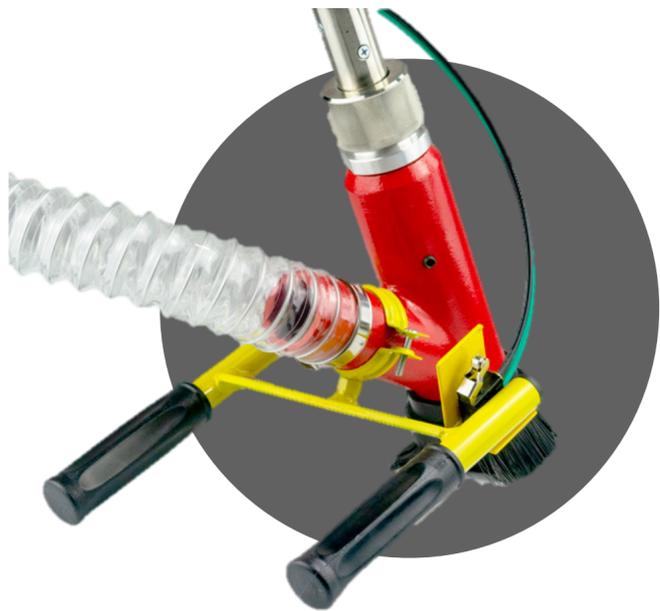


La Pressure Blaster  
TOP consists of:



## SANDBLASTING UNIT

The sandblasting unit uses a 60-litre pressure tank, with remote control located on the handle.



## GUN BODY

The sandblasting / shot-blasting process that enables operation in the absolute absence of dust takes place via a gun body casting with a front brush. The system uses a handle with a front brush which, working in contact with the surface to be treated, eliminates dust dispersion in the environment allowing to fully recover and recycle the abrasive used, separating it from the generated dust. In the photo, the gun body is fitted with the optional "Double handle control handlebar". This handlebar provides great practicality while making it easier to use the sandblaster even on vertical surfaces.



## SUCTION UNIT

This new technology is based on the completely automatic cyclic cleaning of three special filter cartridges, without the operator having to stop the suction.

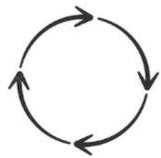
The special structure of the filters is composed of an outer part made of conductive material that permits the discharge of the electrostatic current generated during suction, and an inner part in Hepa class, able to filter out 99.99% of 0.3-micron dust, ensuring a more secure and dust-free work environment.

# SABIX R

Sabix R represents a novelty in the field of recovery sandblasting, this series is suitable for carrying out small-scale sandblasting operations on site.

The recovery sandblasting system makes it possible to recover the used abrasive in the appropriate collection tank and retain the dust produced during sandblasting, through an effective suction system with cartridge filter.

Thanks to an innovative tank closure system with Sabix R it is possible to exert an operating pressure of 4 bar with only 385 liters of air made available.

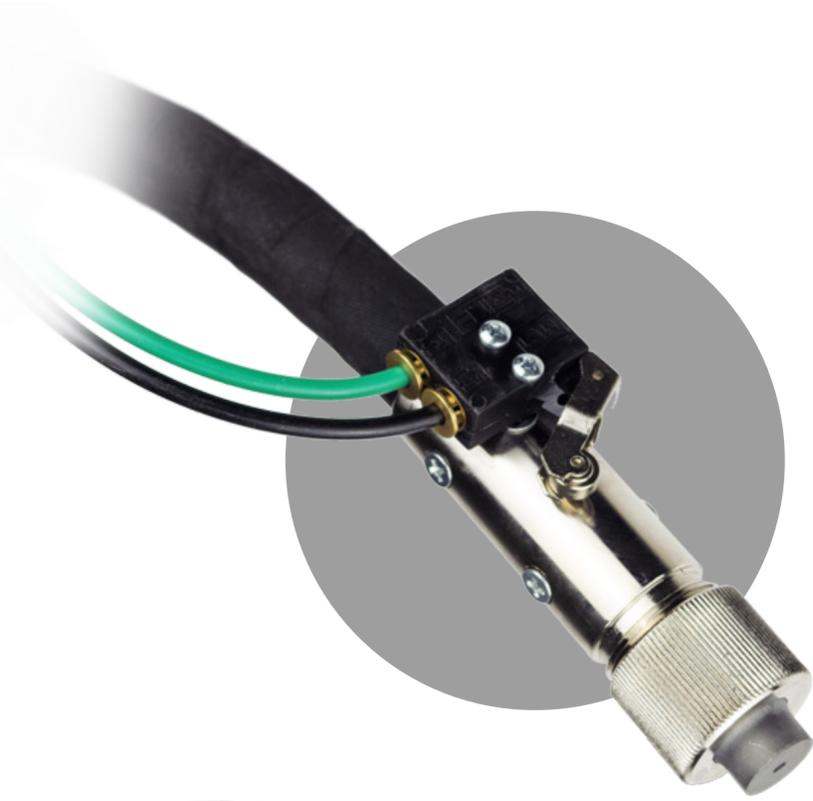


La Sabix R  
consists of:



## FREE JET GUN BODY

The gun body can be equipped with the optional Acquablast humidification kit



## RECOVERY GUN BODY

The gun body is fitted with the optional "Double handle control handlebar".

This handlebar provides great practicality while making it easier to use the sandblaster even on vertical surfaces.



## POLYESTER CARTRIDGE FILTER

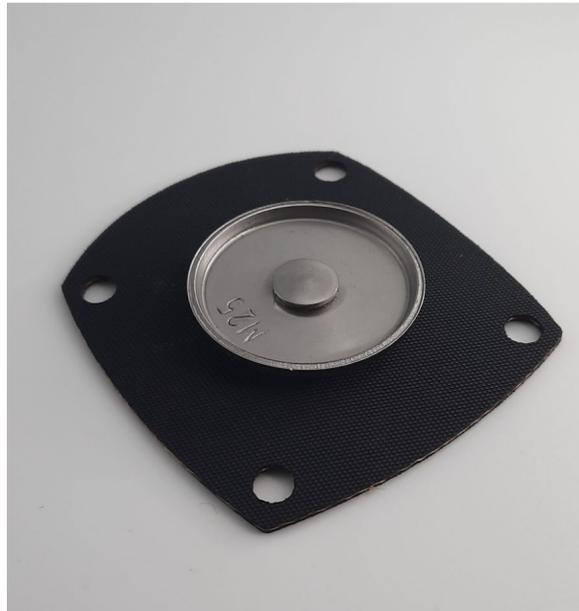
The single-phase suction unit that supports the sandblasting unit ensures the recovery of the abrasive used and the dust generated during removal



# ACCESSORIES

Replacement of parts subject to wear is essential to ensure the full efficiency of the sandblaster.

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# ABRASIVE CORIBLAST

Aluminium oxide based abrasive

It is made up of a crystalline aluminum oxide, and stands out for its toughness and ability to rapidly abrade any type of material.

It is particularly suitable for sandblasting with recycling, thanks to its high resistance to impact. Thanks to the various sizes and types it is possible to choose the level of abrasion suitable for every need.

CORUNDUM is not toxic and does not contain substances harmful for the health.



# RESEARCH

Our business philosophy is based on research and innovation: principles aimed at improving our systems and identifying the best solution for the customer.

SOLUTION

## Where we are:

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