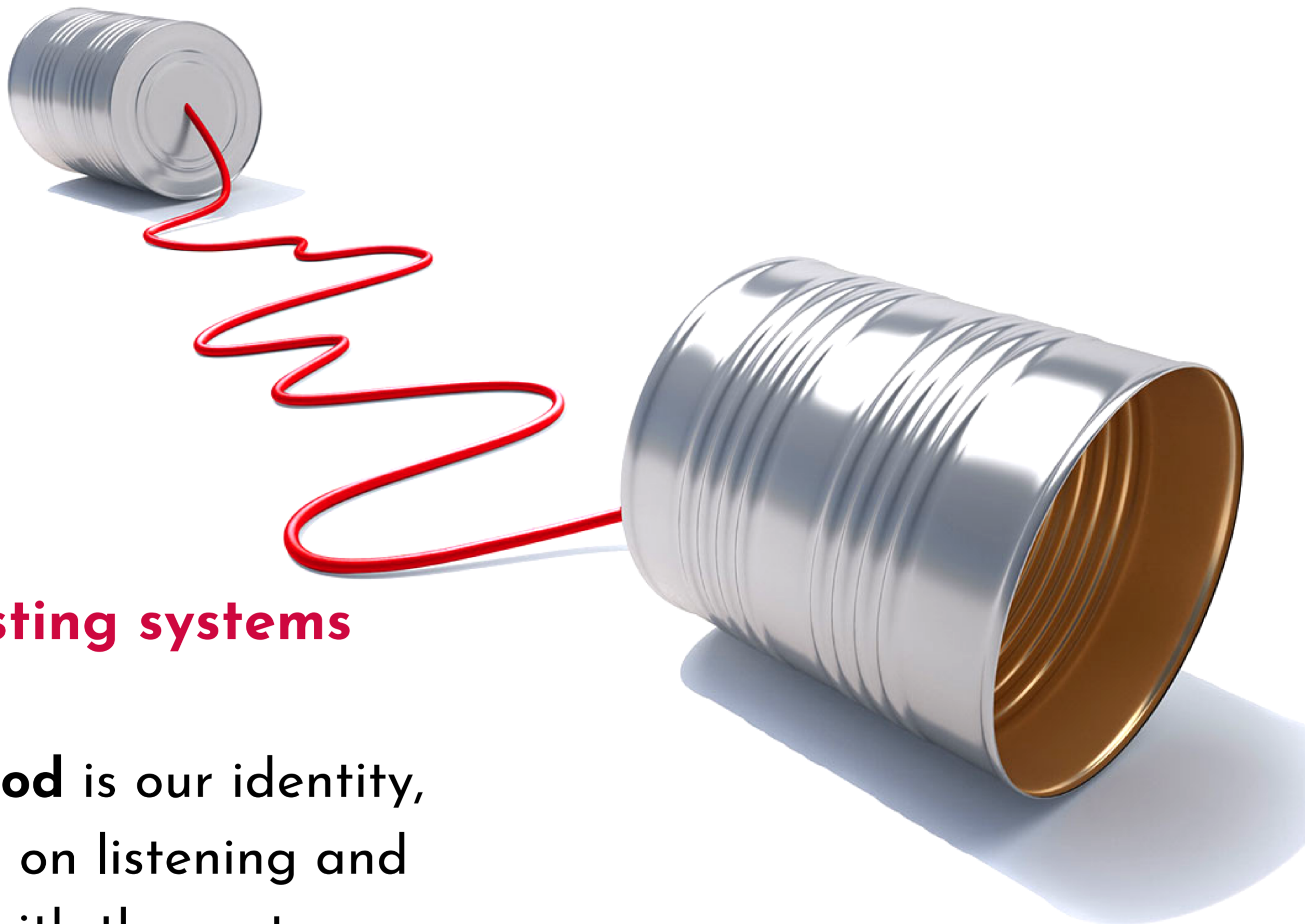




S A N D B L A S T E R S A N D C L E A N E R S



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



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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.

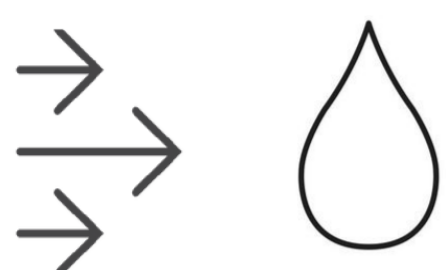
The final assembly takes place within our company to submit the product to our internal quality control and then proceed with the final packaging and shipment.

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.



SANDBLASTERS AND CLEANERS



FREE BLAST SANDBLASTING

The free jet sandblasting machines consist of a pressure tank in which the abrasive is inserted, which will then be launched thanks to the jet of compressed air.

They are extremely simple and easy to use, they can work even with low air flows, they are ideal for cleaning, sandblasting, micro blasting, restoration and engraving of any surface.

They can be dry, wet or water

SABIX 8/28 LT

The Sabix sandblaster is extremely simple and easy to use, it can work with low air flow rates, it is ideal for cleaning, sandblasting, micro-sandblasting, restoration and engraving of any surface. Can have 8 or 28 liter tank

SABIX 120/200 LT

Free jet pressure sandblasting machine with double and triple pneumatic remote control
The SABIX 120 sandblasters offer increased autonomy and can be supplied with different set-ups that allow the operator to intervene at medium-long distances.



TRANSFORMER 24/90/130 liters

Pressure free jet sandblasting machines Transformer represent an absolute novelty in the field of sandblasting. Thanks to an innovative system, the Transformer pressure sandblasting machine can have a variable autonomy from 24 liters to 130 liters.



WATERBLAST

The Waterblast multifunctional sandblaster is based on the principle of operation on humidification of the sand

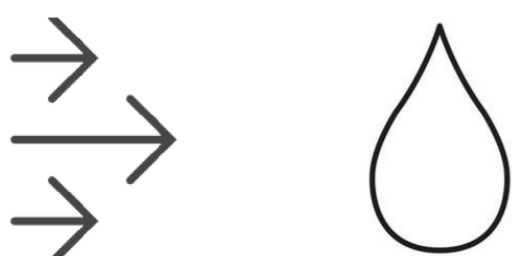
The main features are as follows:

- gradual and constant reduction of dust quantity, up to total removal.
- reduction of compressed air consumption (up to roughly 25%), proportional to the increase of water inserted in the air-abrasive mixture.

The system also allows:

- automatic shut-off of water jet when the sandblaster is turned off
- adjustment of water quantity by operators from the working area
- constant water capacity of 2.5 litres/min. up to a maximum distance of 80 metres.

air-sandblasting kit



SABIX R

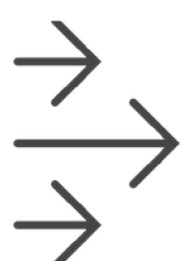
Recovery portable sandblasting system, convertible to free jet.

The sandblasting station Sabix R arises from the need to carry out sandblasting operations directly on site, without the aid of bulky compressors and power generators which undoubtedly limit this type of intervention.



MICROBLASTER

The micro-sandblaster is an equipment designed to perform many finishing operations on small-sized products in the mechanical, restoration and dental technician sector.

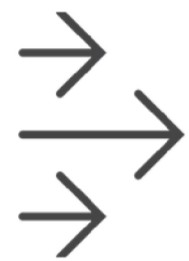


SABIX 8

Sabix is the first sandblaster capable of working with any type of granulate. Sabix minimises the need to set up construction sites thanks to the minimum spillage of granulate and the special Acquablast humidification system.

It is the sandblasting and surface treatment system that returns the materials to their original state without damaging them.

Sabix allows to gently remove residues and deposits caused by atmospheric pollution, safeguarding the original surface.



Sabix 8
consists of:



PNEUMATIC VIBRATION SYSTEM

Allows the operator to use extremely fine grain sizes, suitable for cleaning and restoration.



PNEUMATIC MIXING VALVE

It regulates the quantity of inert material at the outlet very precisely, and also allows the inert material to come out immediately at the set operating pressure in the event of a restart after stopping.



SANDBLASTING GUN

The Sabix 8 series is equipped with an aluminum gun with remote control, extremely light and ergonomic that facilitates movement and sandblasting operations.

Inside there is a special tungsten carbide nozzle with a diameter of 3 x 60 mm, with a divergent outlet that allows:

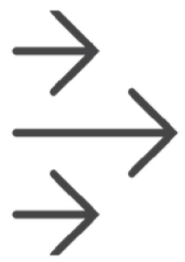
- up to 40% higher productivity
- a 30% reduction in air consumption
- a significant reduction in abrasive consumption

SABIX 28

Sabix is the first sandblaster capable of working with any type of granulate. Sabix minimises the need to set up construction sites thanks to the minimum spillage of granulate and the special Acquablast humidification system.

It is the sandblasting and surface treatment system that returns the materials to their original state without damaging them.

Sabix allows to gently remove residues and deposits caused by atmospheric pollution, safeguarding the original surface.



Sabix advantages

Integrated humidification system

Granulate vibration system

Pneumatic granulate regulation system



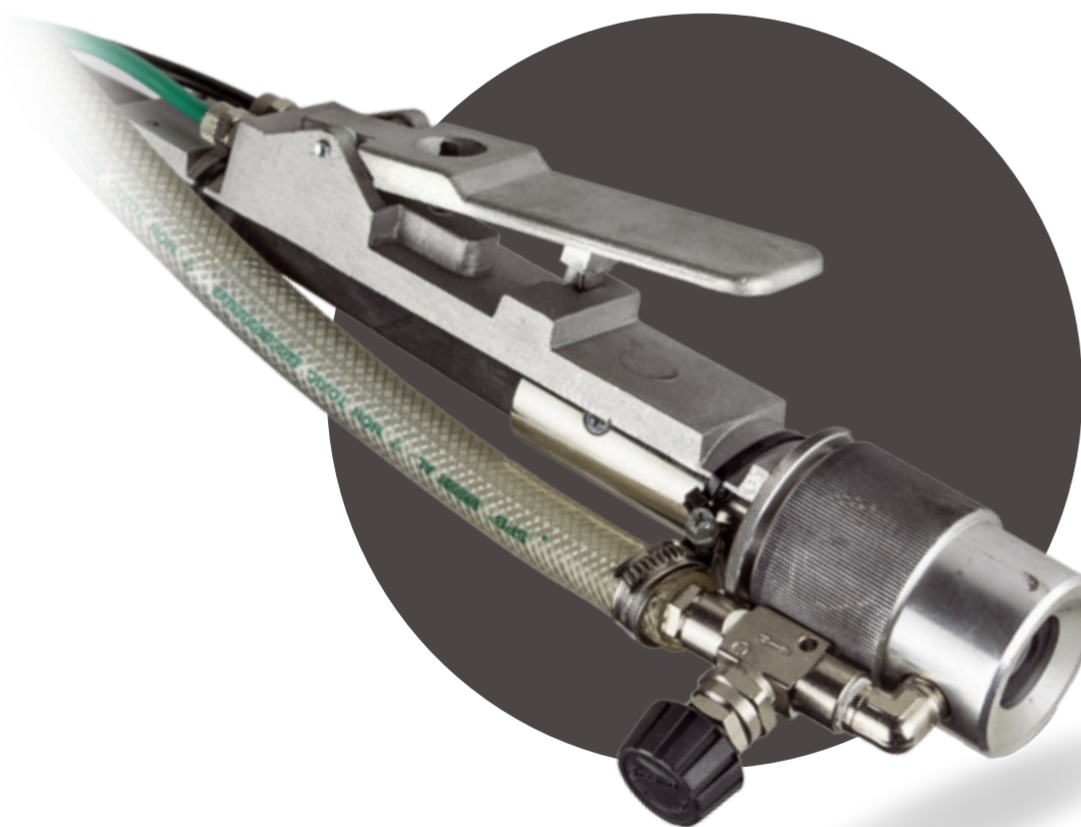
PNEUMATIC VIBRATION SYSTEM

Allows the operator to use extremely fine grain sizes, suitable for cleaning and restoration.



PNEUMATIC MIXING VALVE

Pneumatic mixing valve for regulating the quantity of inert material at the outlet



HUMIDIFICATION KIT ACQUABLAST

The Acquablast humidification kit is available for our entire free jet series, it is ideal to help reduce rising dust during the blasting phase.

Assembly is very simple, just connect the appropriate connection to the water supply and it will be possible, through the flow regulator, to humidify the jet of abrasive and the surface to be treated in the desired quantity

PROTECTION MASK RC4

The RC4 protective mask protects the operator up to the shoulders thanks to the durable hood, it is light, resistant and practical to wear.

RC4 is a filter respirator that protects the face and respiratory tract from splinters, fumes, dust, abrasive particles. It has an interchangeable scratch-resistant screen and double dust filter.



SABIX 120 200

The SABIX 120 -200 sandblaster can be supplied:

with double remote control that allows the operator to automatically start and stop the machine.

In addition, thanks to a special lever, in the event of any clogging it is possible to release the abrasive from escaping.

with triple remote control that allows the operator to start, automatically stop the machine, open and close the abrasive mixing valve and start the release manoeuvre in case of clogging.



The version with autonomy of 24 litres and 60 litres is available on request

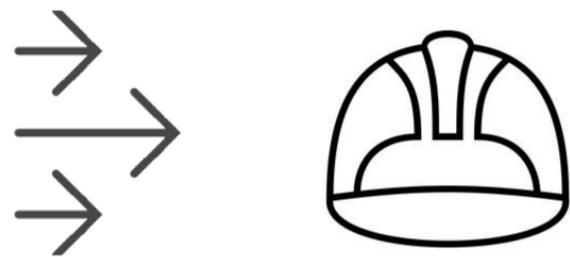


SAFETY HELMET PCS

Protection Comfort Safety

The powered respirator helmet is the only power assisted device which can protect head, face, eyes, ears and respiratory system against dust and gases.

The respirator is ideal for those who want complete protection and intend to work independently for prolonged periods



TRANSFORMER

24/90/130

System according to the type of intervention, place, environmental impact.

STRUCTURE - PRESSURE SANDBLASTING MACHINE

The Transformer sandblasting machine is equipped with a 24 Lt pressure tank placed at the base of the structure, on which the innovative system of additional tanks is developed.

THE NOVELTY - 2 REMOVABLE TANKS WITH DIFFERENT CAPACITIES

Thanks to a practical coupling system, it is possible to increase the autonomy of the sandblasting machine by placing different tanks on the base tank of 24 liters that can multiply the autonomy up to 130 liters

Additional structures are delivered as a standard and can be used at the operator's discretion.



Transformer 24-90-130
consists of:



ADDITIONAL TANK

TANK 66 LT
REMOVABLE FOR
RANGE UP TO 90 LT



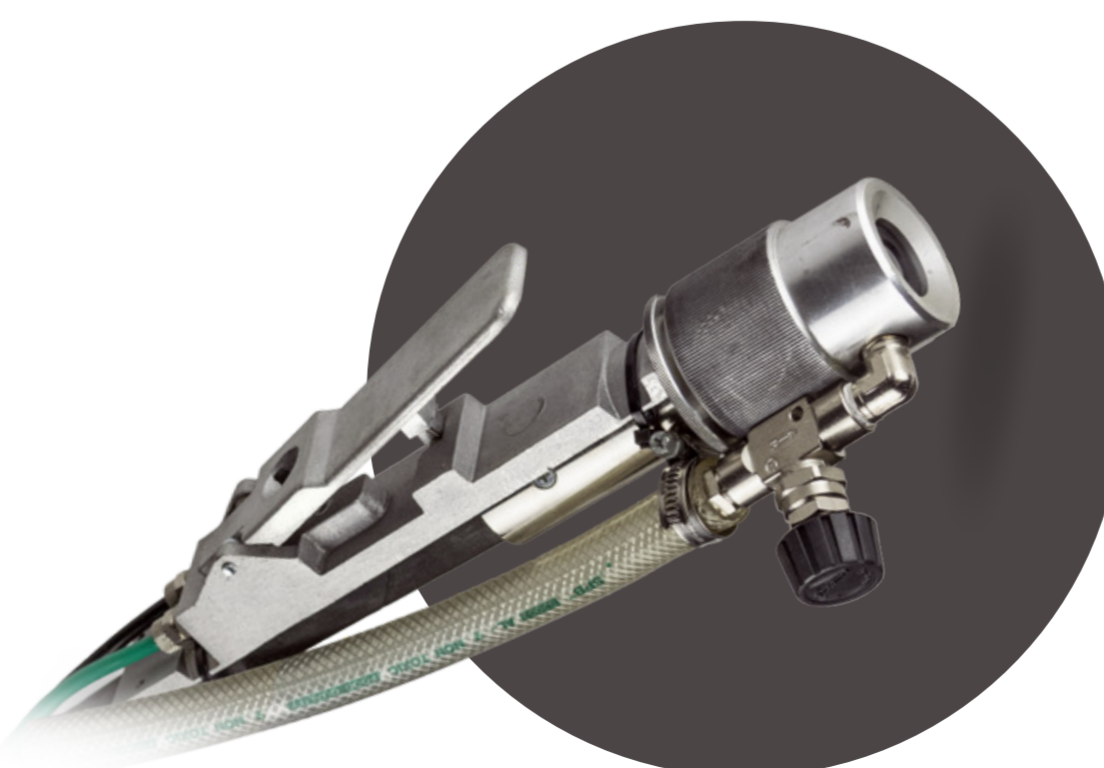
ADDITIONAL TANK

TANK 106 LT
REMOVABLE FOR
RANGE UP TO 130 LT



BLASTING UNIT

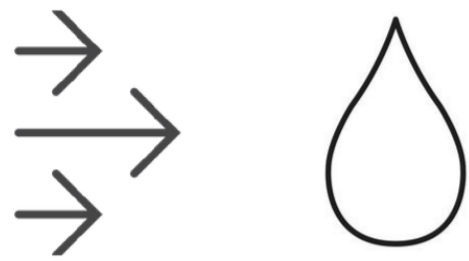
The sandblasting unit uses a 24 liter pressure tank, with remote control located on the handle.



GUN BODY

WATER BLAST

WATER BLAST a multifunctional sandblaster based on the principle of operation on sand humidification



The abrasive humidification benefits in free spray sandblasting are 5 at least:

1. DUST COLLECTING

By humidifying sand before spraying, one can halt dustiness produced by blast of air and stop whipped up dust produced by treatment of surfaces

2. HIGHER SAFETY FOR OPERATORS

Humidification allows to carry out sandblasting operations, avoiding contact with whipped up dust or harmful substances, protecting the operator and those who are in the workplace.

3. WATER WASTE REDUCTION

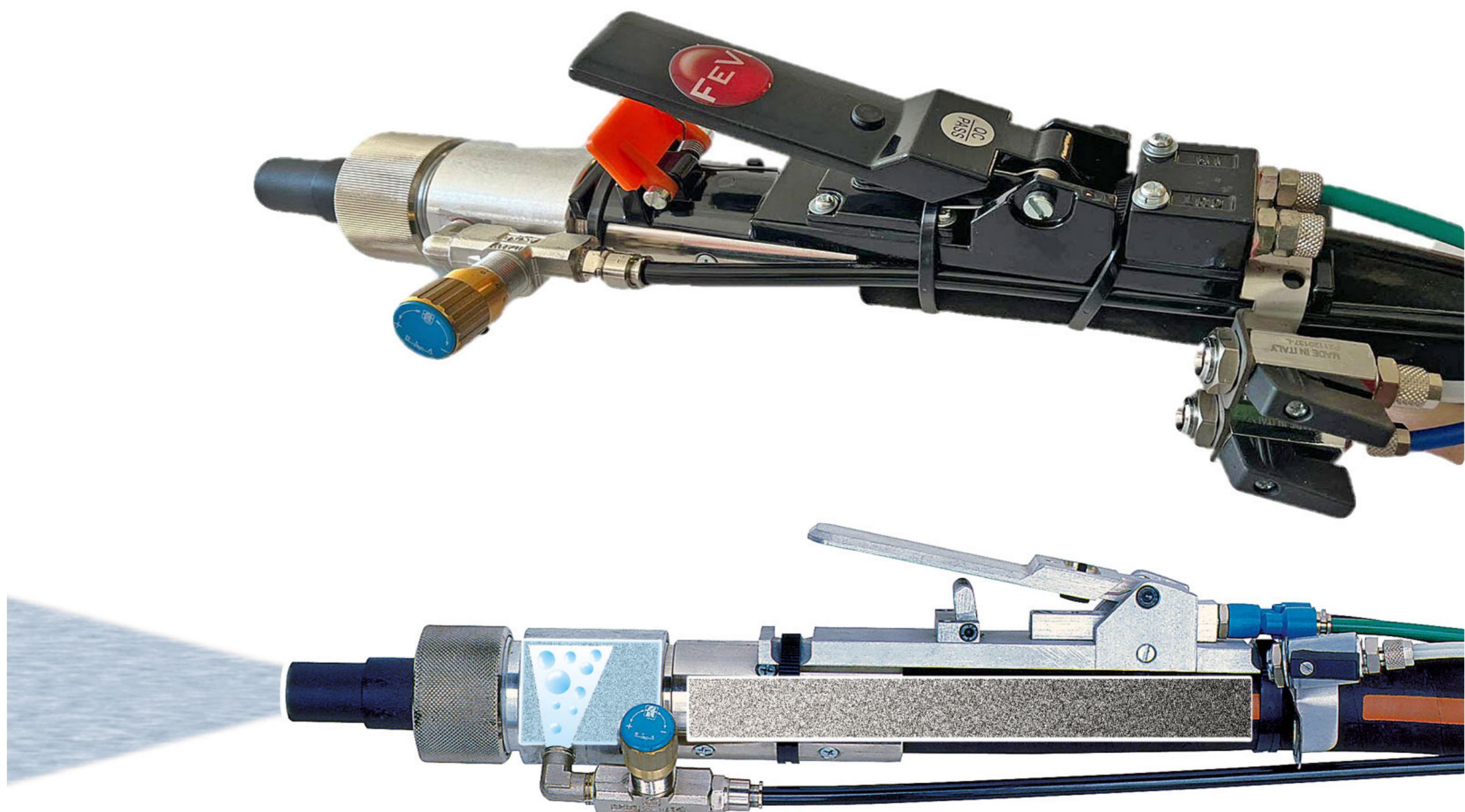
Water Blast does not flood the area of intervention. It uses 2 litres per minute of water, only compared to 200 litres of a common hydro cleaning machine!

4. A GREATER IMPACT FORCE ON SURFACES

The humidified granules of sand sprayed by the gun increase their own specific weight, producing a greater impact force and a higher removal performance.

5. A REDUCTION IN MANAGEMENT COSTS

Humidification consumes less air, less water, less abrasive...but most of all it allows to use low cost dusty sands which remarkably reduce management costs.

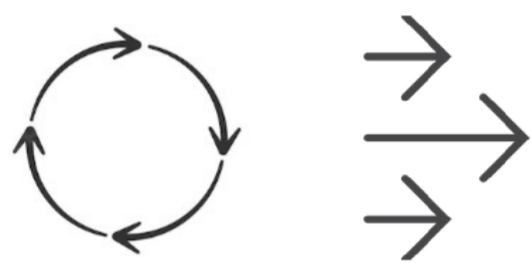


SABIX R

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.

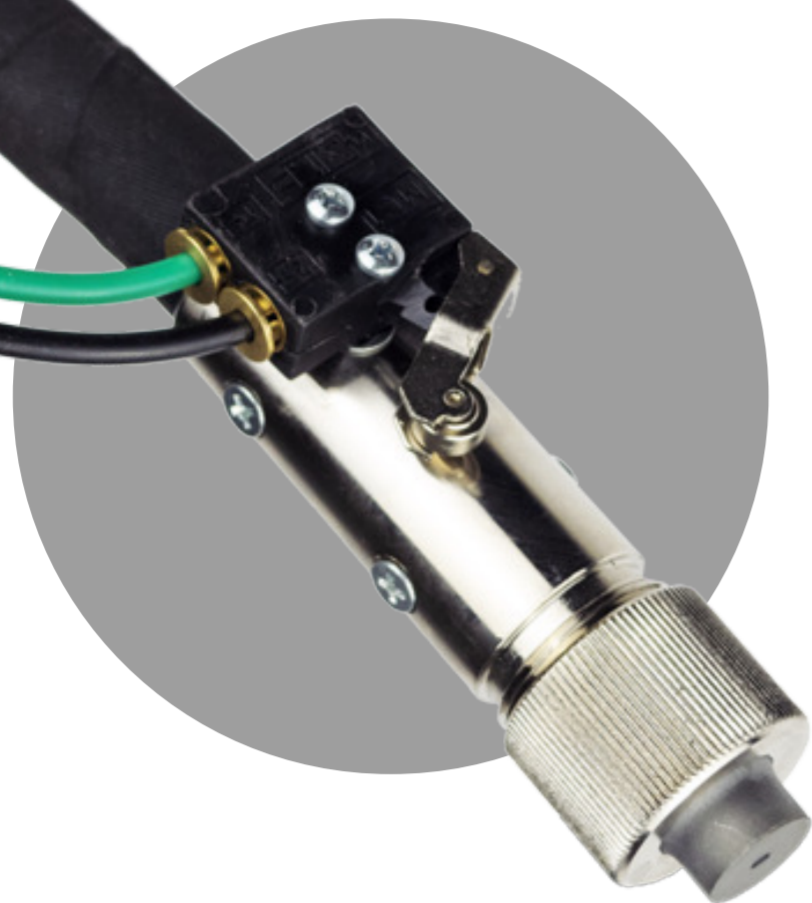


La Sabix R
consists of:



FREE JET GUN BODY

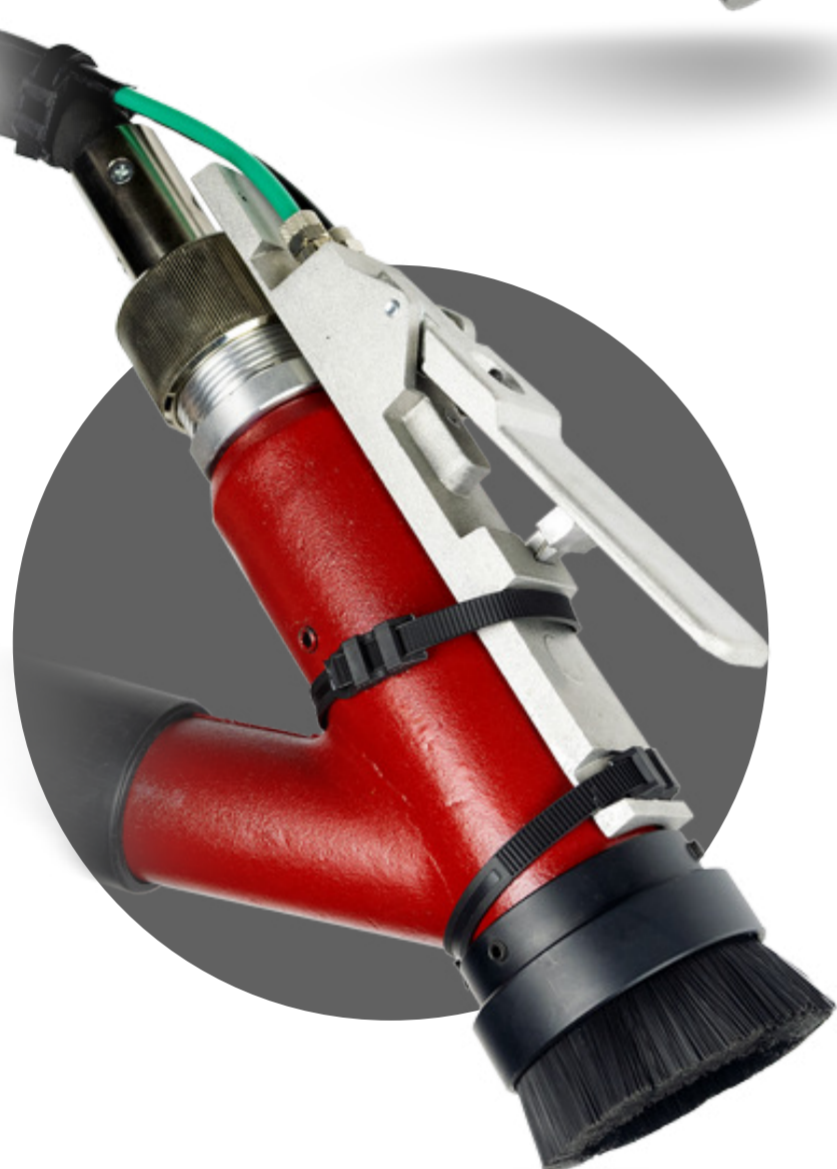
The gun body can be equipped with the optional Acquablast humidification kit



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

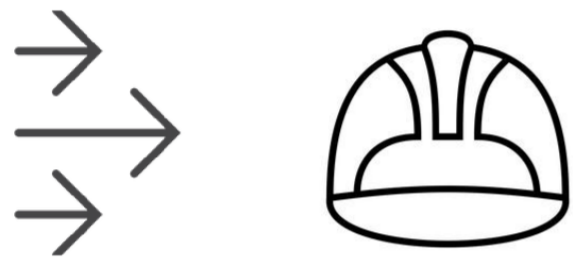


PROTECTION MASK RC4

Light, resistant and practical to wear

The RC4 protective mask protects the operator up to the shoulders thanks to the durable hood, it is light, resistant and practical to wear.

RC4 is a filter respirator that protects the face and respiratory tract from splinters, fumes, dust, abrasive particles. It has an interchangeable scratch-resistant screen and double dust filter.



MICROBLASTER

Micro sandblasting system under pressure

Great punctiformity and precision of the jet

Low consumption thanks to the dispensing system

Equipped with pressure reducer, pressure gauge, air filter, pedal control

Equipped with a 0.8 mm tungsten carbide nozzle

Abrasive powders to be used: aluminum oxide and glass microspheres



ABRASIVE PANBLAST

100% BIODEGRADABLE VEGETABLE ORIGIN PRODUCT

The corn cob is an integral part of the cob and its natural function is to support kernels. The corn cob is collected above all in the production and processing plants because it is easily biodegradable, and so with today's collection system it ends up rotting on the ground.

Once collected, the cob is subjected to grinding and calibration (selection of the different grain sizes)

Two products derive from this process: the granules (heavy part) derived from the crown of the cob and the flours (light part) deriving from the external parts and the pith.

The main applications of the granules are: polishing and smoothing of metal objects, sandblasting of wood..



ABRASIVE GARBLAST

Almandine based granulate

Garblast is a natural, mineral, universal sandblasting material.

The main component is the Australian almandine garnet which stands out as one of the hardest minerals with extraordinary sandblasting characteristics.

Since free from heavy metals or toxic components, Garblast meets all health and safety requirements. Garblast forms a perfect combination of optimum grain size, maximum density and great hardness. This guarantees optimal sandblasting quality combined with very low consumption and high yield for safe environmental and working conditions.



RESEARCH

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

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