



I N D U S T R I A L V A C U U M S



Systems for industrial vacuums

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.



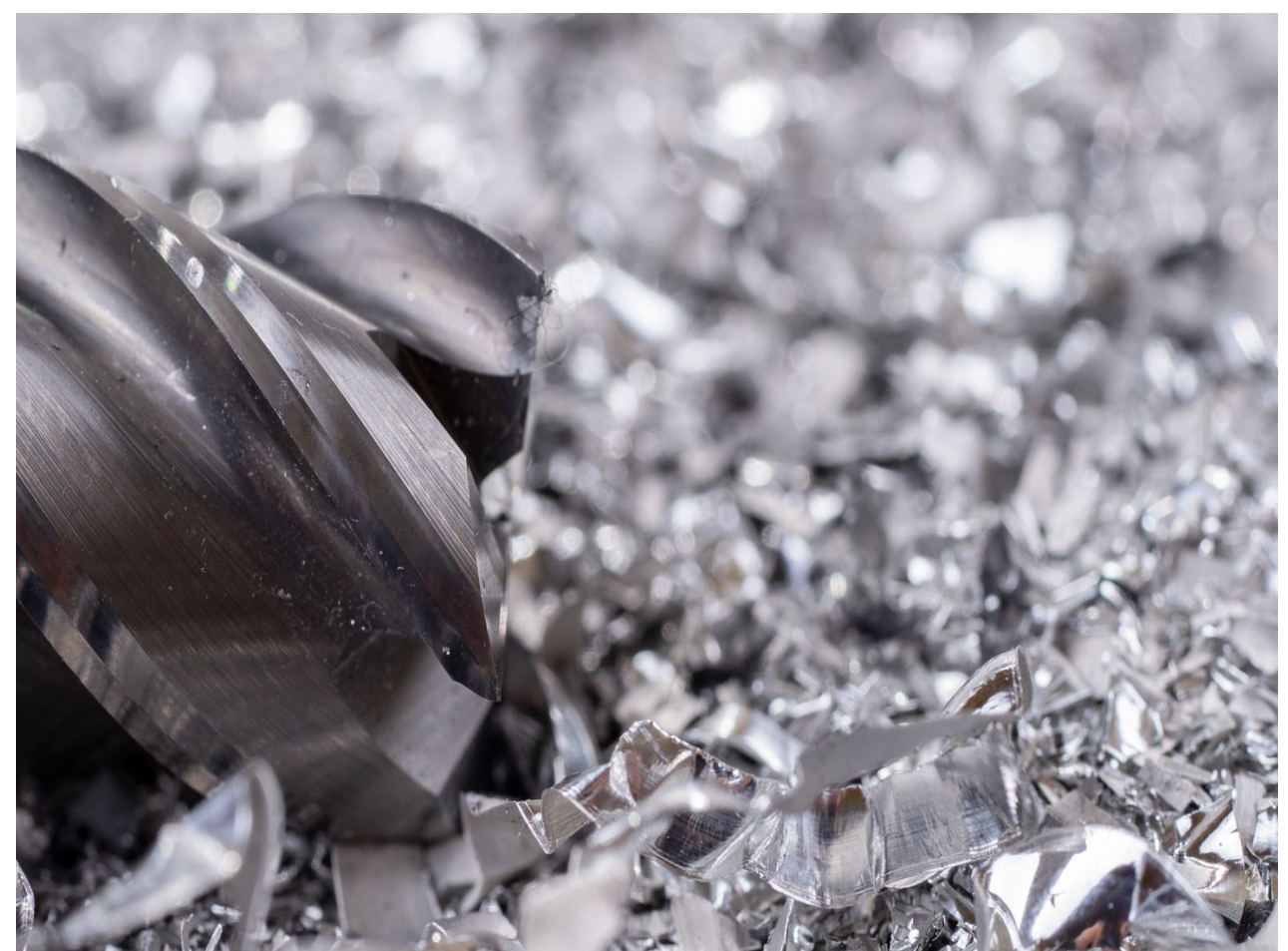
OUR SOLUTIONS FOR EVERY NEED

Fevi offers standard or custom designed solutions to meet the needs of every industrial sectors.

It produces quality, innovative and safe industrial vacuum cleaners that can be used in sectors such as food, transport, cement factories, pharmaceuticals and steel.

Each of these activities hides a series of challenges and dangers related to the processing of harmful, potentially explosive powders or other materials that can create residues that are difficult to eliminate.

Fevi industrial vacuum cleaners have been specifically designed to eliminate any type of dust or residue and ensure a clean and totally safe environment for the operator.

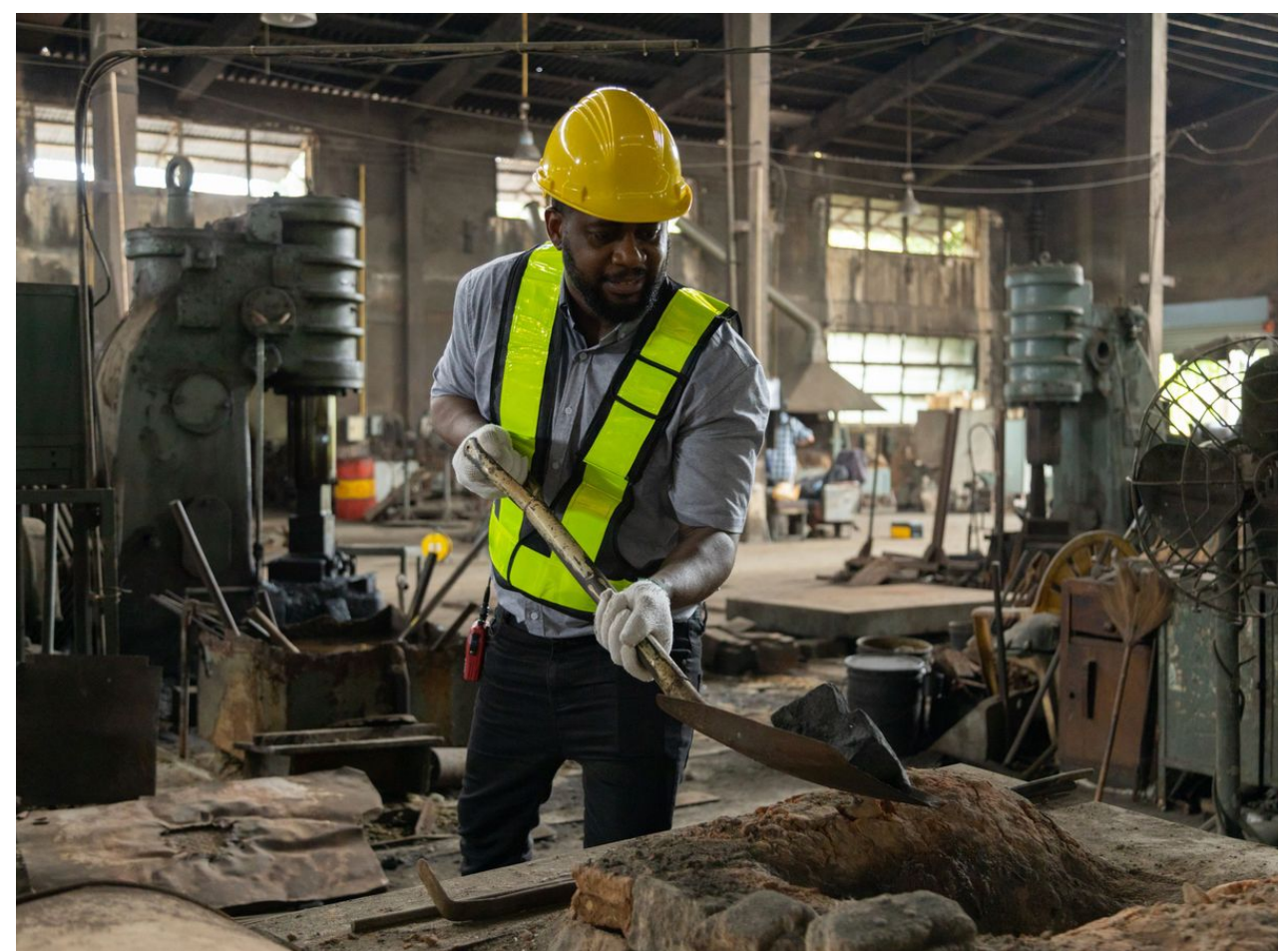


ATEX CERTIFICATION

ATEX certification is increasingly required in many sectors.

By defining the basic health and safety requirements in the workplace, it is important also that the machines selected for industrial suction comply with ATEX certification.

This attention is particularly high in the following sectors and areas of production: chemical and pharmaceutical industries, oil and gas refineries, automotive and aerospace, airports and aircraft maintenance, military, industrial mills and furnaces, coal and nuclear plants, feed mills, wood, engineering and 3D printing with the use of metal powders, waste management plants, paints.



FEVI 220 ICLEAN

220 ICLEAN is the ideal partner for all professionals who need excellent suction performance and excellent filtering capacities. A concentrate of power and reliability enclosed in an extremely robust and compact instrument. It finds its ideal application in construction, in body shops or in any sector that requires a practical vacuum cleaner, with good maneuverability for the suction of fine dust, whether connected to power tools, sanders or used as a simple work tool.



◀ 2 By-pass motors



◀ Motorhead with automatic cleaning system ICLEAN



◀ Easy barrel release system

FEVI 350 ICLEAN

The 350 ICLEAN model is the single-phase 3-motor vacuum cleaner par excellence. Model most appreciated by those who use it in daily work, especially in the field of surface treatment. It proves to be the most efficient single-phase vacuum cleaner in the world for the suction of fine dust, deriving from machines in production such as sanders. Its field of application is not limited to construction, but ranges in many sectors in which fine dust represents a difficult problem for conventional industrial vacuum cleaners.



◀ 3 By-pass motors



◀ Motorhead with automatic cleaning system ICLEAN



◀ Easy barrel release system

FEVI 221 PULSE

221 PULSE is a compact and vertical vacuum cleaner, HEPA certified, designed to meet the customers' demand for a competitive vacuum cleaner, ensuring good suction performance, and the best possible filtration. The renewal of the design with the installation of the motor in the lower rear part has allowed the creation of a low, compact and highly manoeuvrable aspirator for easy transport. The center of gravity, which has moved lower, has also made the extractor much more stable.



Primary filter with HEPA + PTFE filter media, useful for ensuring a smooth surface and reducing the impact of dust

HEPA D.O.P. filters secondary for absolute filtering efficiency

2 By-pass motors

FEVI WM 375 BASIC

Basic WM 375 is the most classic and common single-phase industrial vacuum cleaner. 3 by-pass motors and conventional filtration with pocket or stellar filter. It responds to many non-specific applications in the industrial field and in cases where there are no problems concerning large quantities of powders, especially those of fine granulometry.



FEVI HDC 355 ICLEAN

The HDC 355 ICLEAN models are among the most popular three-phase models in our range, as they guarantee maximum reliability and a filtering capacity that is always efficient thanks to the ICLEAN automatic filter cleaning system, which never interrupts suction and makes it ideal for responding to requests for continuous and prolonged suction over time, particularly suitable when connected to machinery in production.



- ▶ Suction always present and efficient
- ▶ 3 HEPA cartridge filters + PTFE membrane for standard models
- ▶ 3 conductive HEPA cartridge filters for ATE models
- ▶ Filter guard for improve cyclonic efficiency and protection from abrasiv materials
- ▶ Fully automatic filter protection as standard

Easy barrel release system

Longopac® continuous bag discharge system



FEVI TDC 30 | CLEAN

Industrial vacuum cleaner with three-phase turbine ideal for the suction of fine dust. The modular trolley makes it possible to install a drum or the Longopac collection system as required.

3 kW Three-phase powerful turbine

Suitable for continuous utilization 24/7 free of maintenance



Filter protection for improved cyclonic efficiency and protection from abrasive materials

Fully automatic filter cleaning as standard



Suction always present and efficient

3 HEPA cartridge filters + PTFE membrane for standard models

3 conductive HEPA cartridge filters for ATEX models



Tangential dust inlet for greater dust separation from the filter



Easy barrel release system

FEVI WT 753 BASIC

WT 753 model is the most popular turbine model as they enjoy excellent reliability thanks to the side channel turbine and are multipurpose for suction of any kind of debris but not recommended for fine dust. Its simplicity and veracity make it among the most popular models on the market.



Easy system for
undocking the
barrel

FEVI HDC W155 BASIC

The Basic models HDC W 155 is a vacuum cleaner that is used in all areas of application for the general suction of dust, solids and liquids. The motorisation with a 5.5 kW side channel turbine makes it a reliable model even for continuous services and a safe investment to be entrusted with the daily cleaning services of every company.



Easy system for
undocking the
barrel

FEVI BSL 120 BASIC ATEX 2-22

The BSL 120 model is a compact, lightweight ATEX industrial vacuum with a stellar polyester filter and brushless by-pass motorisation. The small size, combined with its light weight and easy of handling, makes it a versatile, convenient and safe product for use in potentially explosive environments.



1 By-pass motor

FEVI WT 753 BASIC ATEX 2-22

WT 75 and BT 75 ATEX models are the most popular turbine models as they enjoy excellent reliability thanks to the side channel turbine and are multipurpose for suction of any kind of debris but not recommended for fine dust. Their simplicity and veracity make them among the most popular models on the market.



	20.000 cm ²	30.000 cm ²	
L			SECONDARY HEPA FILTER OPTIONAL
M			
M+Antistatic			
NOMEX			
M+PTFE			



Easy system for undocking the barrel

FEVI S PN ATEX

S PN ATEX model is a compact and handy industrial vacuum cleaners with a compressed air suction system using a Venturi tube and no electric motor. For this reason, it is particularly suitable for use in an ATEX environment due to the absence of possible accidental ignition sources.



Compressed air motor with Venturi tube



Semi-automatic cleaning system with pneumatic piston

FEVI WM 3100 SUBOIL

The WM 3100 SUBOIL is a compact industrial vacuum with a robust construction, designed for suction of liquids and swarf, available with by-pass motors, versatile and capable of sucking up large quantities of material. The automatic and continuous liquid discharge system guarantees great efficiency; the presence of an electric float allows automatic identification the level of liquids in the drum and the automatic switch-off function in the event of excess liquid filling. To complete the standard equipment, a bucket for separating metal and liquid residues is available.

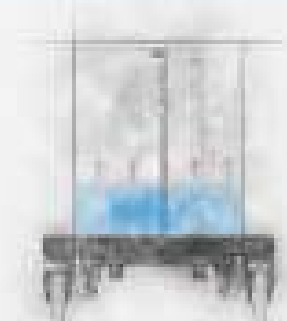


FEVI 1130 OIL

The model 1130 OIL is a practical industrial vacuum, characterized by unique features in the sector of mechanical workshops and in the suction of oil and shavings as it is able to separate the liquid part from the solid part thanks to a stainless steel grid basket, carrying out a macro filtration of the materials. The models proposed for this type of application are equipped with an automatic liquid stop system, allowing the vacuum to turn off at the maximum liquid level reached. The emptying of the sucked liquids is simple, efficient and very fast thanks to the Fevi's reversal flow system, which uses the air produced by the turbine to expel the sucked liquids, overcoming the use of pumps or even the elementary and primitive gravity fall systems. This model has the peculiarity of being multipurpose as it also mounts a filter for dust, allowing its use for general cleaning of industrial environments without having to purchase a dedicated vacuum cleaner.



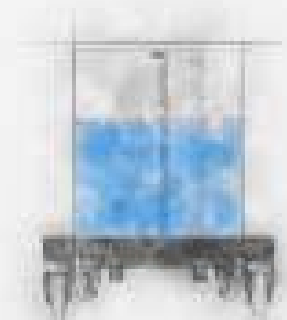
The added advantage is that you don't necessarily have to change the machine configuration from powder to liquid mode thanks to the installed filter protection, the installed filter protection that prevents the filter from getting wet.



1

Suction

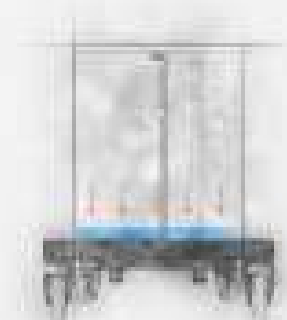
The liquid residue, separated from the solid residue, is deposited on the bottom of the drum, rising in level during suction.



2

Shutdown

When the accumulation limit is reached, the liquid comes into contact with the float, switching off the machine.



3

Reversal

Acting on the lever, the turbine turns on, reversing the air flow and emptying the container.



FEVI DTX 1500 BASIC

DTX 1500 BASIC model is a dust collector equipped with a 2.2 kW centrifugal fan and a stellar polyester filter and is characterised by a high air flow rate and low depression. It is suitable for all environments where suspended volatile dust is present.



Easy barrel release system

FEVI DTX 2500 AIRCLEAN

DTX 2500 ICLEAN dust collector is a machine suitable for continuous use involving large quantities of material with a large filter surface area. It is equipped with an automatic filter cleaning system for the cartridges, which guarantees that the filtering capacity is always efficient, without stopping the machine. It is particularly suitable for use with machines in production.



- ▶ Suction always present and efficient
- ▶ 5 HEPA cartridge filters + PTFE membrane for standard models
- ▶ 5 conductive HEPA cartridge filters for ATEX models
- ▶ Filter guard for improved cyclonic efficiency and protection from abrasive materials
- ▶ Fully automatic filter protection as standard



- ▶ Easy barrel release system

FEVI DTX 2500 AIRCLEAN ATEX

DTX 2500 ICLEAN ATEX dust collector is a machine suitable for continuous use involving large quantities of material with a large filter surface area. It is equipped with an automatic filter cleaning system for the cartridges, which guarantees that the filtering capacity is always efficient, without stopping the machine. It is particularly suitable for use with machines in production.



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- ▶ Easy barrel release system

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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