

AQUABLAST-TECH

CLEANLINESS ON A NEW LEVEL

Innovative wet blasting cleaning systems
– from the workshop to production

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WHAT IS AQUABLASTING?

AQUABLASTING IS NOT SANDBLASTING. IT IS ITS EVOLUTION.

You know how sandblasting works:

Strong abrasive jet, intensive removal of dirt, but also **inevitable micro-damages to the surface**. High dust levels require a sealed work area, ventilation, and personal protective equipment.

Often – deformation of thin elements, change in geometry, residual stresses in metal. It is effective, but **aggressive, work-intensive, and not always controllable**.

AQUABLASTING WORKS DIFFERENTLY

It is not just “wet sandblasting” – it is a **technology of gentle, precise cleaning based on a combination of water and glass beads**.
Instead of destruction, the surface is renewed.
Dirt is removed without abrasion, overheating, or risk of damage to aluminum, cast iron, or thin-walled components.

The entire process takes place in a **closed chamber**, where the dust generated is controlled and the safety of the operator and the environment is ensured.

•SANDBLASTING



•AQUABLASTING



AQUABLASTING IS NOT A REPLACEMENT FOR SANDBLASTING

Solves tasks where CONTROL, PRECISION, and PROTECTION OF DETAIL INTEGRITY

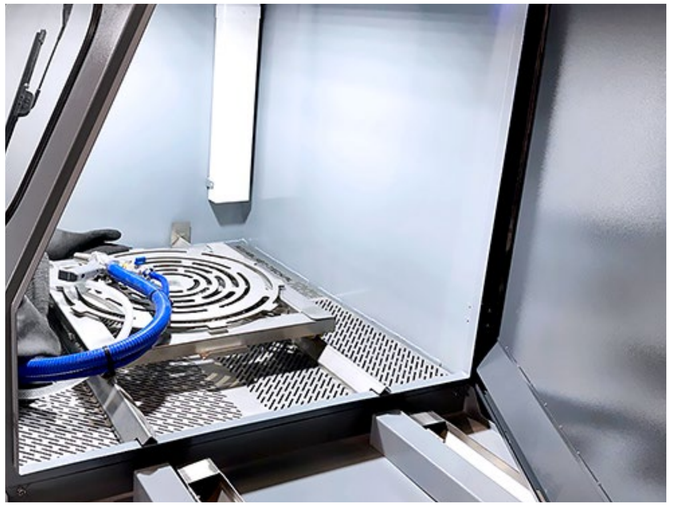
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WHERE IS AQUABLAST USED?

Our devices are used for precise, controlled cleaning of metal surfaces at various stages of production and servicing.
They allow you to obtain a ready-to-use surface without the risk of deformation, without dust and without the use of chemicals.

KEY APPLICATIONS:

CAR SERVICES AND WORKSHOPS

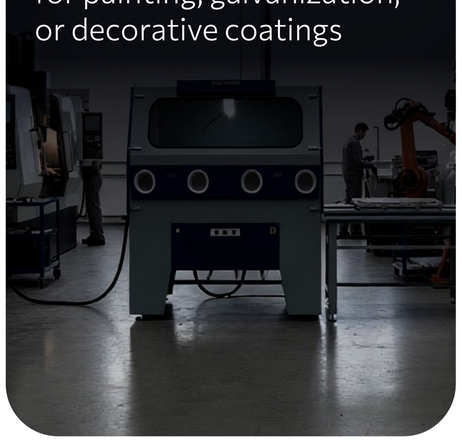
• Cleaning engines and components, preparing for painting, renovating parts without risk of deformation or surface damage



INDUSTRIAL PROCESSING

• Preparation of semi-finished products, zleaning of welds, deburring

• Preparation of surfaces for painting, galvanization, or decorative coatings



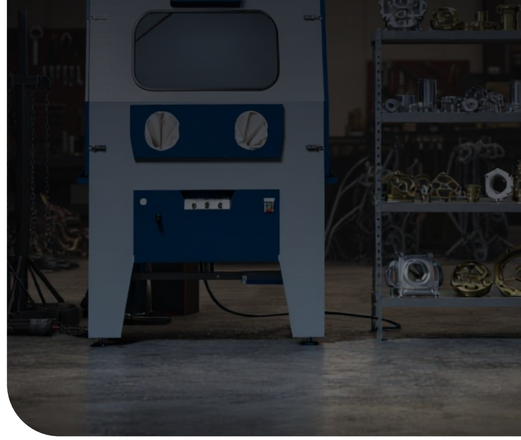
CONSERVATION WORK

• Gentle cleaning of fragile elements, preserving the original texture



OTHER INDUSTRIES

• Where precise machining without damage and strict quality control are required



Important: Aquablasting is designed for surface cleaning. It is not recommended for components with many small holes, deep recesses, or narrow channels—glass beads can get inside and make subsequent assembly or rinsing difficult.

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WHY CHOOSE AQUABLAST-TECH?

01

OWN PRODUCTION

Our devices are designed with an accent on reliability and efficiency. The cabinets are made of durable steel with a polymer coating, which guarantees their strength and resistance to intensive use. Our unique aquablasting gun and all key components are designed by our engineers. In our systems, we use only trusted pumps from global leaders. Each component undergoes strict quality control.

02

CUSTOMIZATION FOR YOU

We know that there are no universal solutions. That is why we offer several product lines: from the compact AQUABLAST LITE to the powerful STANDARD. You choose the device that is perfectly suited to your tasks and production scale. Each system can be expanded with additional options that improve work and increase efficiency. You complete the installation exactly according to your needs, without overpaying for unnecessary features.

03

SUPPORT AT EVERY STEP

We take care of every customer throughout the entire process: from the initial consultation, through installation, to day-to-day operation. Our specialists will help you choose the right model, arrange delivery, conduct training, and provide documentation. Warranty, fast service, and availability of original spare parts are our priorities. We are always in touch to immediately resolve any doubts. We build trust not with words, but with consistent support and partnership-based cooperation.

Now let's pick out your perfect set. Shall we begin?

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OUR AQUABLAST DEVICES

COMPACT LITE AND POWERFUL STANDARD



**INSTEAD OF SEVERAL DOZEN SERIES,
THERE ARE TWO DISTINCT TYPES OF MACHINES:**

LITE and STANDARD — two configurations within a single technology platform that cover the entire spectrum of applications: from compact cleaning to large components and production series.

WHAT CONNECTS THEM:

CHAMBER

Enclosed, with minimal dust generation and safe for the operator.

CABINET

Choice depending on working conditions: **durable painted steel or stainless painted steel AISI 304**.

PUMP

Medium-capacity pump without forced mixing

EQUIPMENT

From the start, everything you need to get started at work.

ABRASIVE

Only **glass beads**. Cleanliness, predictability, no excessive wear.

PRESSURE SOURCE

Air compressor with minimum capacity of 500 l/min with a 100 l tank.

Supply voltage:
220 V, 50 Hz

Working pressure:
5-8 atm

✓ WE HELP YOU CHOOSE THE RIGHT COMPRESSOR

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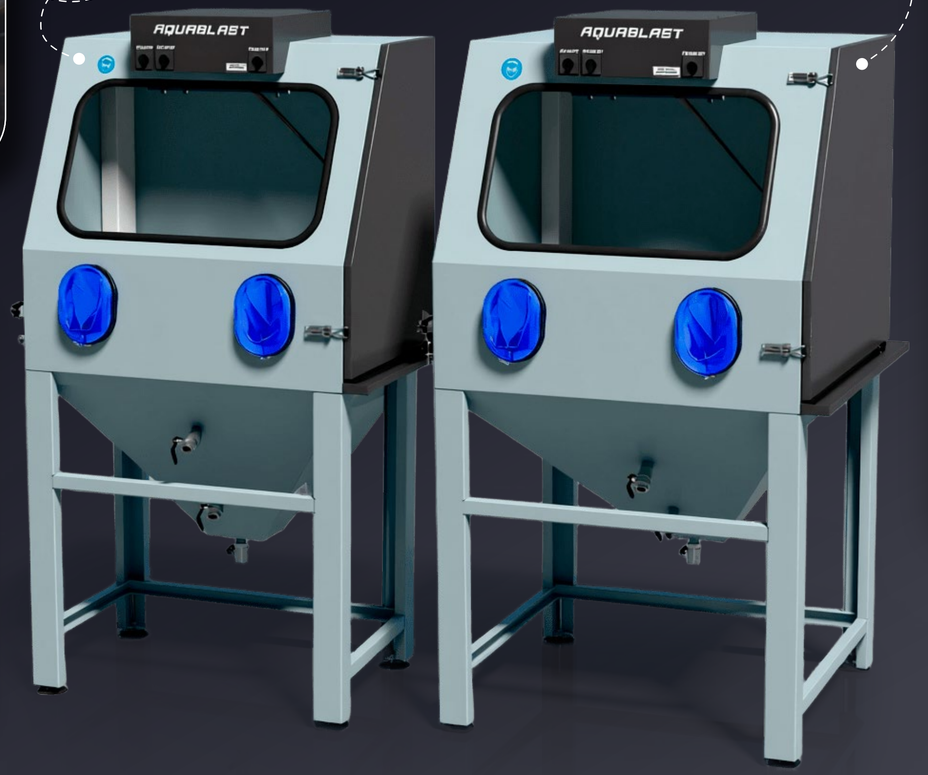
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AQUABLAST LITE

COMPACT. PRECISION. PROFESSIONAL RESULTS

APPLICATION:
Cleaning medium and small items.

Models:
LITE 600: 900×600×800 mm | Weight: 145 kg
LITE 900: 950×900×800 mm | Weight: 180 kg



FOR WHOM:

- Workshops
- Garages
- Private service stations
- Renovations

ADVANTAGES OF THE LITE VERSION:

- Compactness without compromising precision
- Ease of use and maintenance
- Availability of spare parts and service
- Energy efficiency and space saving

Maximum power consumption:
1 kW

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AQUABLAST STANDARD

POWER. EFFICIENCY. FOR INTENSIVE WORK

APPLICATION:
Cleaning large and heavy components - engines, gearboxes, industrial assemblies.

DIFFERENCES COMPARED TO THE LITE LINE:

- Air supply control from the pedal + pressure indicator
- Increased performance and larger dimensions

ADVANTAGES OF THE STANDARD VERSION:

- High power and stability with large elements
- Reliable operation of production lines
- Extensive customization options (rotating tables, trolleys, lighting, ventilation, etc.)



STANDARD 1100:
1100×900×900 mm | 220 kg



STANDARD 1300:
1300×1000×1000 mm | 245 kg



STANDARD 1600:
1600×1200×1100 mm | 300 kg

Maximum power consumption
1,5 kW

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ADDITIONAL OPTIONS

ECONOMY AND ECOLOGY. SPEED AND CONVENIENCE. COMFORT AND SAFETY



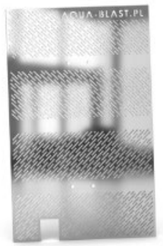
ROTARY TABLE

Rotates the item inside the chamber, providing access from all sides without manual turning.



ROTATING AND PULL-OUT TABLE

Simplifies loading/ unloading of heavy items. The rotating platform on the trolley increases working comfort.



FINE MESH

Prevents small parts from falling into the system, fits into any chamber.



SMALL PARTS DRUM

Quickly cleans connectors and small parts, improves serial work.



SMALL PARTS BASKET

Secures small parts, allowing multiple parts to be processed at once.



VENTILATION SYSTEM

Removes moisture and dust, improves visibility and working comfort.



PISTOL HOLDER

Stabilizes pistol, freeing up your hands, adjustable in angle and height.



WATER CLEANING SYSTEM

It purifies the mixture, recovers water, and conserves resources.

ADDITIONAL LIGHTING

It eliminates shadows and reveals even the smallest dirt.

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ARE YOU READY TO TAKE YOUR CLEANING TO THE NEXT LEVEL?

LET YOUR WORKSHOP WORK CLEANER. FASTER. SMARTER.

WHAT WILL YOU GET TODAY?

- Individual calculations of productivity and return on investment
- Selection of the optimal model and configuration
- A detailed commercial offer within 24 hours

FERTOWN, Lda.

+351 918 739 512 **(chamada nacional para a rede móvel)**
geral@fertown.pt
fertown.pt

Rua Luís de Camões, Lote 3, Loja B
2620-105 Póvoa de Santo Adrião

Aquablasting is an investment in the cleanliness, safety, and profitability of your business