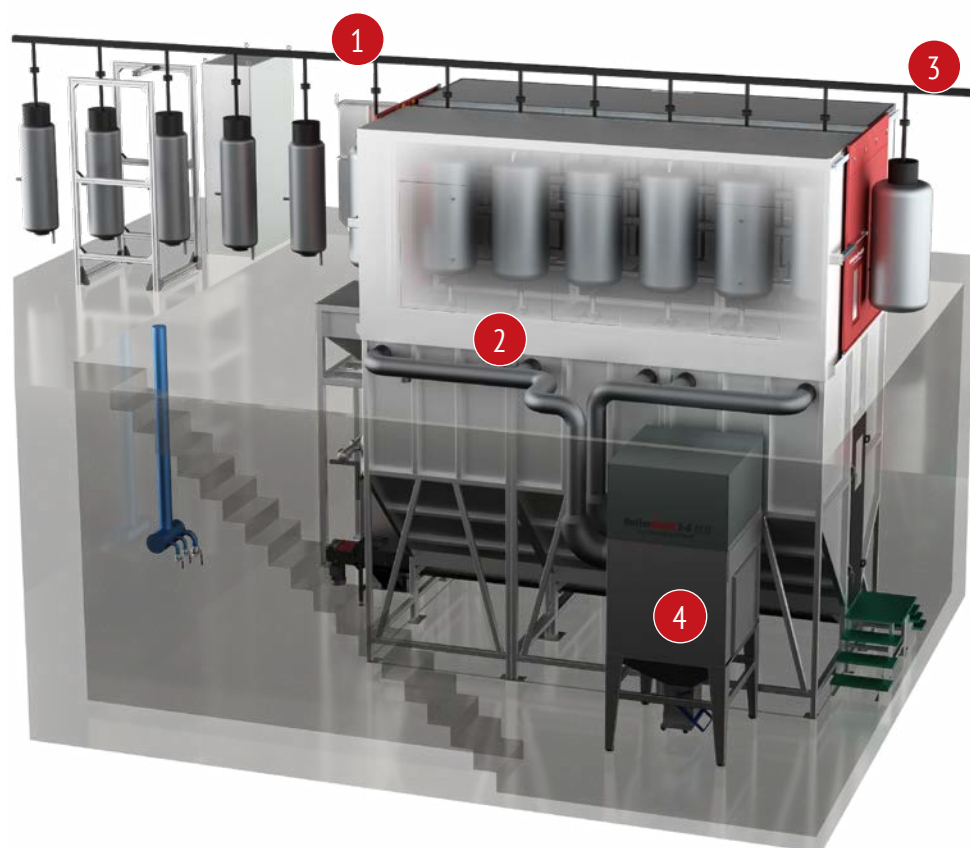


# BOILERBLAST INTERNAL SANDBLASTING SYSTEM

Internal blasting and surface preparation for boilers, tanks, and vessels

BoilerBlast is a series of specialized machines engineered for the internal sandblasting of boilers, vessels, and tanks. Designed to meet the demands of high-throughput industrial environments, it delivers consistent, thorough surface preparation using precision-controlled automation and powerful abrasive recovery systems.

Whether your needs involve fully automated, semi-automated, or orbital blasting processes, BoilerBlast offers the flexibility and efficiency required for today's manufacturing challenges. The system ensures perfect surface readiness for enameling, coating, or further processing.



## High Productivity

Capable of processing up to 120 boilers per hour in continuous operation.



## Precision Blasting

Blasting lances or nozzles reach all internal surfaces with 360° coverage.



## Automated Systems

From semi-automatic to fully automated units with PLC control and touch interface.



## Media Recovery

Integrated recycling ensures reduced consumption and clean working conditions.

## Operation & Blasting Options

BoilerBlast machines are designed to deliver efficient and consistent internal blasting of boilers, vessels, and tanks. Depending on production needs, several system configurations are available ranging from semi-automatic setups to fully automated high-output solutions. Below are the four blasting options offered within the BoilerBlast line:



### Single Option

Automatic or semi-automatic solution for blasting one boiler at a time with rotating nest and vertical nozzle.



### Orbital Option

Multi-station setup with rotating boilers and dual vertical nozzles for efficient offline operation.



### Semi-Automatic Option

Manual loading with automated blasting lances; ideal for small to mid-volume operations.



### Through-Feed Option

Fully automated in-line system for blasting multiple boilers per cycle with minimal operator input.

## Specification BOILERBLAST

\* **Please note:** This is a sample specification. Each machine is **custom-made**, so the data may vary based on specific requirements and purposes.

|                                   | BOILERBLAST SINGLE | BOILERBLAST ORBITAL    | SEMI-AUTO              | THROUGH-FEED          |
|-----------------------------------|--------------------|------------------------|------------------------|-----------------------|
| Volume Capacity (L)               | 110–500            | 200–500                | 5–50                   | 12.5–500              |
| Boiler Dimensions Min. (Ø x L mm) | Ø400 x 1050        | Ø420 x 1200            | Ø260 x 263             | Ø220 x 300            |
| Boiler Dimensions Max. (Ø x L mm) | Ø450 x 2950        | Ø420 x 2100            | Ø380 x 580             | Ø650 x 1800           |
| Max Boiler Weight (kg)            | 60                 | 70                     | 15                     | 12–100                |
| Processing Rate (boilers/hour)    | ~10                | ~25                    | ~120                   | 12–120                |
| Working Cycle (sec)               | ~144               | ~144                   | ~120                   | 90–300                |
| No. of Stations                   | 1                  | Multi-station          | 4                      | Multi-phase (1–4)     |
| Control System                    | PLC + Touchscreen  | PLC + Touchscreen      | PLC + Touchscreen      | PLC + Touchscreen     |
| Rotation of Boiler                | •                  | •                      | •                      | •                     |
| Media Recovery System             | Automatic Reclaim  | Cyclone + Auto Recycle | Cyclone + Auto Recycle | Cyclone + Auto Refill |
| Filter Unit                       | CENTRO ECO Unit    | CENTRO ECO Unit        | CENTRO ECO Unit        | CENTRO 4/6 ECO-500    |
| Power Supply (V / Hz / kW)        | 380 / 50 / 10      | 380 / 50 / 12          | 380 / 50 / 11.5        | 380 / 50 / 11.5–15    |
| Air Consumption (Nm³/min @ bar)   | 5 @ 6.0            | 15 @ 6.0               | 12–15 @ 6.0–8.5        | 12–25 @ 6.0           |
| Application Type                  | Single Boiler      | Multiple Boiler        | Small Boilers          | High Capacity Lines   |
| Blasting Mode                     | Internal Blasting  | Internal Blasting      | Internal Blasting      | Internal Blasting     |

• - standard | o - optional | x - not available