

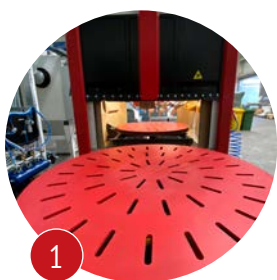
BLASTOMAT BLASTING SYSTEM

Semi-Automatic Sandblasting Systems for Versatile Surface Treatment

The Blastomat systems are designed for cleaning of medium to heavy-duty components. These machines are built from our BLAST cabinet systems and upgraded with automatic manipulators, motor-driven turntables, and automated process cycles. Whether cleaning wheels, moulds, aluminum castings, or steel components,

Blastomat machines offer excellent media control, reliable separation and recycling, and precise nozzle movement.

Each machine in the Blastomat line is individually configured around the customer's workpiece type, size, production volume, and blasting goals.



Motorized Turntables

Ø1000–1600 mm, up to 5000 kg, PLC-speed controlled with loading trolleys.



Manipulator Systems

1–2 axes, servo-driven with optional tilt up to 40° for part coverage.



Manual & Auto Blasting

Switch between programmable cycles and manual touch-up.



Advanced Media Recovery

CENTRO ECO filter unit with cyclone separation and noise-dampening silencers.

How it works

1. Loading & Positioning

The operator loads parts manually (or by crane/forklift) onto a motorized turntable positioned on a loading trolley. A clamping device ensures stable placement.
2. Cabinet Entry & Door Locking

Once loaded, the trolley is driven into the cabinet and the automatic pneumatic doors close, creating a sealed blasting environment.
3. Blasting Process

Depending on the machine model, 1–2 manipulators with multiple blasting nozzles (PowerGun or Venturi) perform programmed cleaning patterns. Nozzles move horizontally or vertically (X/Y), with optional oscillation or tilting (up to 40°) for maximum surface coverage.
4. Media Collection & Recovery

Abrasive media and debris are collected below the working grid and fed via cyclone and silo systems to the filtration unit. Only clean, reusable media is recycled back to the blasting generator.
5. Unloading or Manual Touch-Up

After blasting and optional blow-off, the part is removed or manually finished using an integrated manual nozzle, accessible through front openings. A manual air blow gun is included.

Specification **BLASTOMAT**

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

	BLASTOMAT 15-14 HD	BLASTOMAT 15-14 ECO	BLASTOMAT 20-20 SL PR
Outer Dimensions (L × W × H mm)	3400 × 4000 × 3700	3400 × 4700 × 3700	2300 × 2300 × 4000
Blast Chamber (L × W × H mm)	1450 × 1350 × 1200	1450 × 1350 × 1200	2000 × 2000 × 1500
Max. Workpiece Size (mm)	Ø 1000	Ø 1000	Ø 1600
Max. Workpiece Weight (kg)	1000	1000	5000
Turntable Configuration	Single, motorized trolley	Dual motorized trolley	Single, motorized trolley
No. of Blast Nozzles	6 auto	1 auto + 1 manual	2 auto
Manipulator Axes	1 (horizontal)	2 (X/Y)	2 (X/Y)
Blasting Generator Type (Boron carbide)	Suction	Pressure	Pressure
Blast Nozzle Diameter (mm)	Ø 8	Ø 8-10	Ø 10
Manual Blasting Capability	•	•	x
Internal Blast Lance	x	o	o
Control System	PLC	PLC	PLC
Air Consumption (Nm³/min @ bar)	6 @ 6.0	7 @ 4.5	6 @ 5.0
Filter Unit Type	CENTRO 4/4–500 ECO	CENTRO 4/4–500 ECO	CENTRO 4/4–500 ECO
Air Volume – Dust Collector (m³/h)	5000	5000	5000
Power Supply (kW)	6.0	5.0	5.0

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