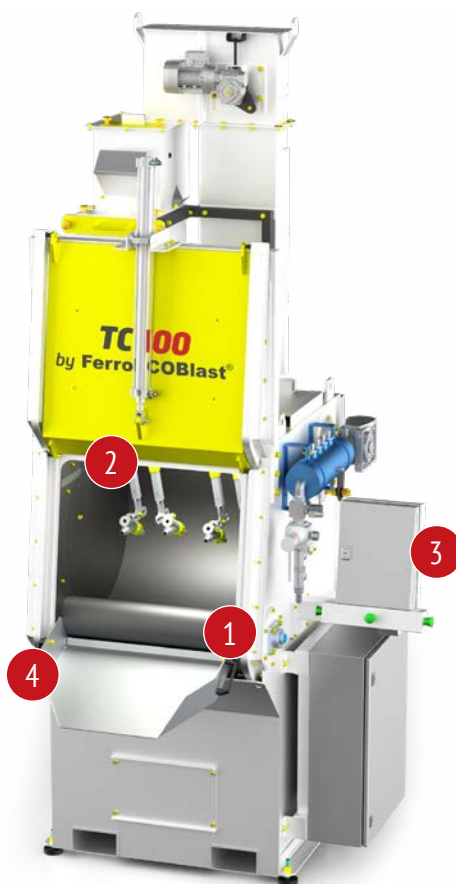


AUTOMATIC TUMBLE BELT MACHINES TC

Compact, automatic systems for blasting small bulk components with high throughput.

The TC Series machines are compact, automatic tumble belt sandblasters designed for efficient surface treatment of small bulk components made of steel, aluminum, titanium, and other metals. They feature a rubberized rotating belt, oscillating blast guns, and optional pressure or suction blasting modes.

Available in multiple capacities, the TC 60 and TC 100 are engineered for durable operation, precise control, and excellent repeatability even with aggressive abrasives.



1

Rotating Tumble Belt

Rubber belt gently rolls parts for uniform blasting.



2

Oscillating Blast Guns

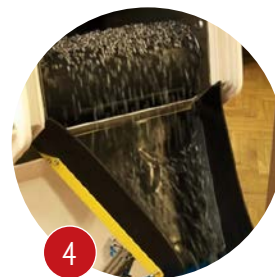
Three to four nozzles sweep across the batch using programmable oscillation.



3

Touchscreen Control

Simple HMI with selector buttons for speed and cycle control.



4

Flexible Loading

Optional manual tray or pneumatic door with optional automation.

How it works

1. Loading

Parts are placed manually into the chamber via a front tray or hopper. Optional pneumatic doors assist with safer, ergonomic access.
2. Program Setup

Operators select blasting parameters (belt speed, cycle time, pressure) using intuitive buttons or touchscreen HMI.
3. Blasting Cycle

The rubber tumble belt rotates the parts while oscillating nozzles provide even, multi-angle surface coverage.
4. Media Collection & Recovery

Abrasive is automatically collected and filtered through the recovery system for re-use.
5. Unloading

After the cycle, the chamber opens for quick part retrieval. Optional automation available for loading/unloading.

For more demanding blasting tasks or tougher materials, the **HD version** offers pressure blasting and a reinforced recovery system with elevator lift ideal for heavy-duty industrial applications.

Specification TC

	TC 60	TC 100
Outer Dimensions (L x W x H mm)	720 x 1100 x 2900	1550 x 1060 x 3200
Max. Load Volume (L)	50	100
Max. Loading Weight (kg)	60	140
Working Area (mm)	600 x 500	700 x 700
No. of Blast Nozzles	3	4
Blasting Generator Type	Injector	Injector/Pressure
Nozzle Diameter (mm)	Ø 3/8	Ø 8
Oscillation System	•	•
Unloading Tray	o	o
Air Consumption (Nm³/min @ bar)	1.2 – 2.5 @ 4–8	4 – 5 @ 5
Power Supply (kW)	2.5	7.0
Filter Unit	CENTRO 4/2–200	CENTRO 4/4–500 ECO
Sound Level (dBA)	<85	<85
HD Upgrade	x	o
Control System	Simple PLC + HMI	Simple PLC + HMI

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