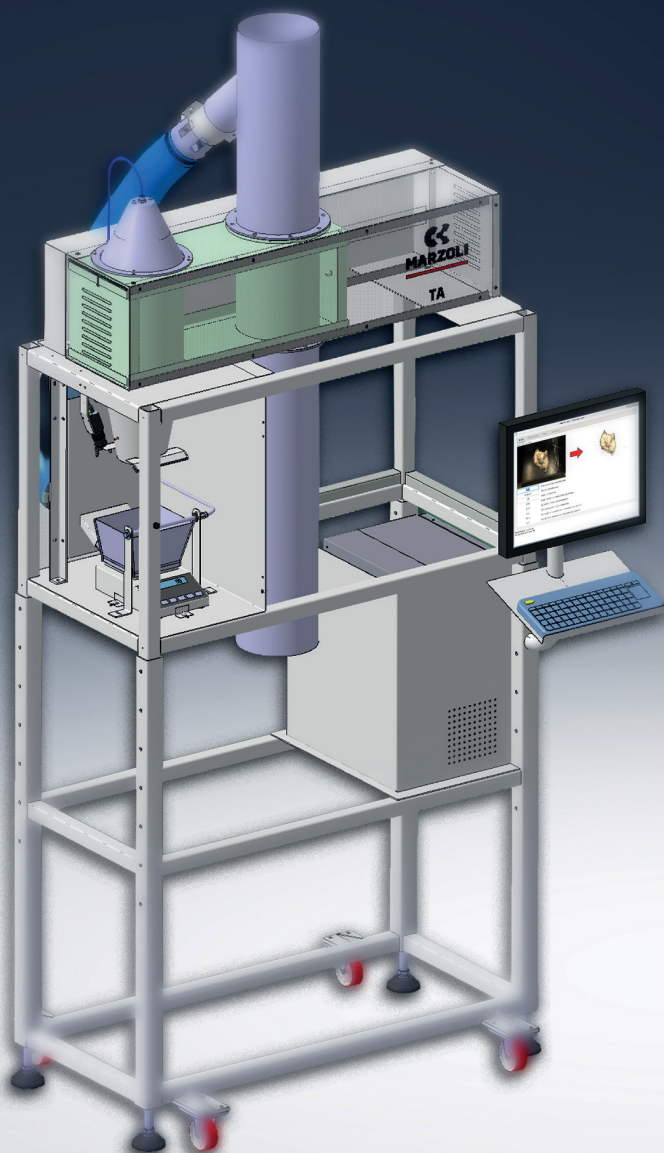


TRASH ANALYZER EVO

Smart waste analysis



Marzoli

Complete spinning line,
components and digitalized
solutions for the best performance
of the spinning process



THE ONE SOURCE FOR A FULLY-AUTOMATED AND DIGITALIZED SPINNING MILL



Marzoli, one of the major brands of the textile sector worldwide, is a unique European manufacturer of the complete line of machines for the opening, preparation and spinning of short-staple fiber. From the bale opener to the ring spinning frame, Marzoli offers the most advanced technology for a completely-automated spinning mill. Through its global sales and service network, its expertise on each type of fiber and application and the competence on the entire process, Marzoli represents a competent and reliable partner. And through its experience, know-how and commitment, it provides its customers with:

- Advanced spinning solutions through a careful activity of textile engineering. Marzoli assists its customers from the study of the spinning plan, throughout sourcing, erection and commissioning, up to maintenance of the resulting turnkey spinning plant, which can comprise Marzoli but also third-party machinery. The customer can rely on the competence and capability of a unique partner, responsible for the quality and productivity of the entire spinning mill.
- The advantages of smart spinning. No matter what the brand(s) of the machinery is, Marzoli can install its software platforms, YarNet and MRM, its hardware applications for gathering data on waste percentages and its composition, quality values, productivity indexes and other kpi data to let the customer build on the potential of Industry 4.0, optimize the entire spinning process through well-informed decisions and reach the highest performance in production operations.

OVER
170 ■ YEARS
OF SUCCESSES

OVER
70 ■ COUNTRIES
WITH ACTIVE CLIENTS



OPENING SECTION

- Openers & Cleaners
- Mixers & Blenders
- Card



COMBING SECTION

- Draw Frames
- Lap Winder
- Comber
- Lap Transport



SPINNING SECTION

- Roving Frame
- Ring Spinning Frame
- Bobbin Transport System

MARZOLI TRASH ANALYZER EVO

KEY POINTS

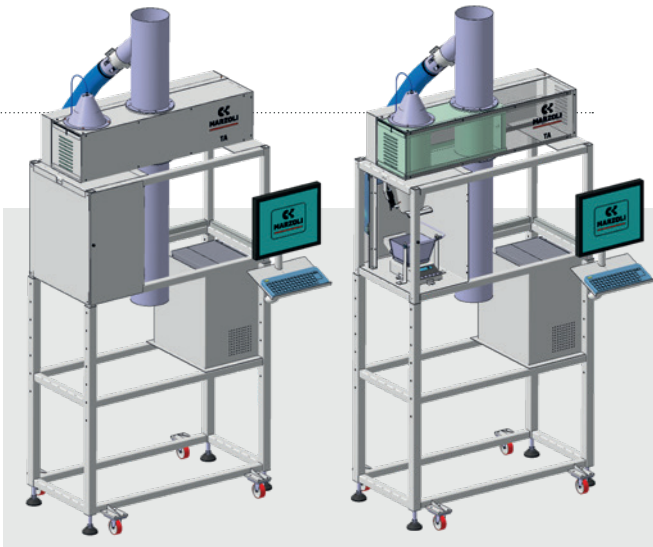
- ONLINE ANALYSIS OF WASTE
- ADAPTABILITY TO ANY BLOW ROOM OR CARDING MACHINE
- NO MACHINE DOWNTIME

Marzoli Trash Analyzer EVO is an effective tool for the online analysis of waste for fiber preparation machinery. It can be applied wherever there is a flow of material in a pipeline and, thanks to the integration of a sample weight analysis by weighing pan and the acquisition

and visual analysis of sample images - it yields a performance index of the overall efficiency in trash removal of the machinery to which it is applied.

MAIN FEATURES

- Simple mechanical structure (slide controlled by pneumatic piston)
- Adaptability to any machine (openers or cards) which includes a waste suction duct.
- No machine downtime due to sampling: the suction works both when the slide is in the test acquisition position and when the machine is unloading the acquired material or normal production
- Intelligence applied in the recognition algorithm: ad hoc image recognition software detects, inside the waste, how much the actual trash is, as well as the amount of good fiber.
- Efficiency of trash removal is the result of a correlation between the quantity and quality (i.e. composition) of actual waste.
- Manual or automatic discharge of the detected sample.



- Possibility of integrating test results with machine production parameters.
- Possibility of integrating test results with MRM platform and YarNet.
- Ability to view test result on onboard display.
- Easy cleaning and slide maintenance by removing grids at the end.
- Easy adjusting height from 1549 to 2549 mm.

TECHNICAL DATA

Marzoli Trash Analyzer	
Weight scale	0.01 g
Camera resolution	1,280 x 1,024 px
Test duration	up to 120 s
Installed Power	50 W
Net weight	200 kg



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