

SPINNING RING

Higher ring frame speed and extended service life
of key components



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

SPINNING RING

Higher speed of the spinning frame and longer running life of key components

KEY POINTS

- HIGH RETURN ON INVESTMENT
- HIGH SPEED OF THE RING TRAVELER
- LONG RUNNING LIFE OF THE RING AND OF THE TRAVELER
- GREATER PRODUCTIVITY OF THE SPINNING FRAME



Few components on the ring spinning frame are as important as the ring. The ring without doubt is the component that, along with the ring traveler, mostly affect the spinning frame productivity and the end-product quality. In order to ensure that the client with a Marzoli spinning frame relies on the mostly advanced and reliable technology, Marzoli has decided to draw on its superior competence and expertise to develop its own-branded ring.

Marzoli Spinning Ring has been accurately designed in order to minimize the wear and the heat on the traveler, to reach outstanding productivity levels and to guarantee absolute reliability.

Marzoli Spinning Ring MRC is a coated ring with 1100Hv of hardness and a Ra value below 0.05μ. Its features help to reduce the friction coefficient between the ring and the traveler in order to reach higher speed with lower heating of the components. This, in turns, guarantees a longer running life of the ring and of the traveler, a higher quality of the yarn, lower yarn breakages and a higher productivity of the spinning frame.

Marzoli Spinning Ring MRR features a hardness of around 760 Hv. This ring is available in two versions: a Bright option and a Black option which differs from the former one for its Oxidized coating. Marzoli Spinning Ring MRR constitutes the best solution for regular speed and regular count yarns.

All Marzoli Spinning Rings have been treated with coating and finishing operations that assure:

- Minimum friction, to keep heating to a minimum;
- No wear of the ring, for a longer running life and a greater return on investment;
- Low wear of the traveler.

Marzoli Spinning Rings are suitable for travelers available on the market with the following profiles: Antiwedge and Normal.





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